timloc
building products

PRODUCT GUIDE

NEXT WORKING DAY* DELIVERY AVAILABLE ON MANY PRODUCTS

We are a **British manufacturer** supplying the building industry for over 50 years

At Timloc Building Products we manufacture and supply sustainable building products from ground level right up to the roof ridge, from our state-of-the-art manufacturing facility in East Yorkshire.

We are committed to sustainable manufacturing and 75% of products are made from recycled plastics. Our products are designed for use throughout the lifespan of a building and are recyclable at the end of the building life.

Contact Us

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@timlocbp @timlocbp /timlocbp Timloc Building Products

NEXT DAY DELIVERY ON ORDERS PLACED BEFORE 12PM AND LOW CARRIAGE PAID ORDER VALUES OF

The product guide explained

Our aim is to give as much information as possible on each of our products.

Information is organised under simple headings with all key facts separately bullet pointed. This means you can go straight to the information you need without having to search for it in long sections of text.

1. Colour coded tabbing
To clearly differentiate our product ranges, each range is colour coded.

2. Use
Most suitable applications of the product.

3. Features & benefits
Key useful information on features and benefits.

4. Quality
Technical and Building Regulation information.

5. Material and colour choice
Materials used and colours available.

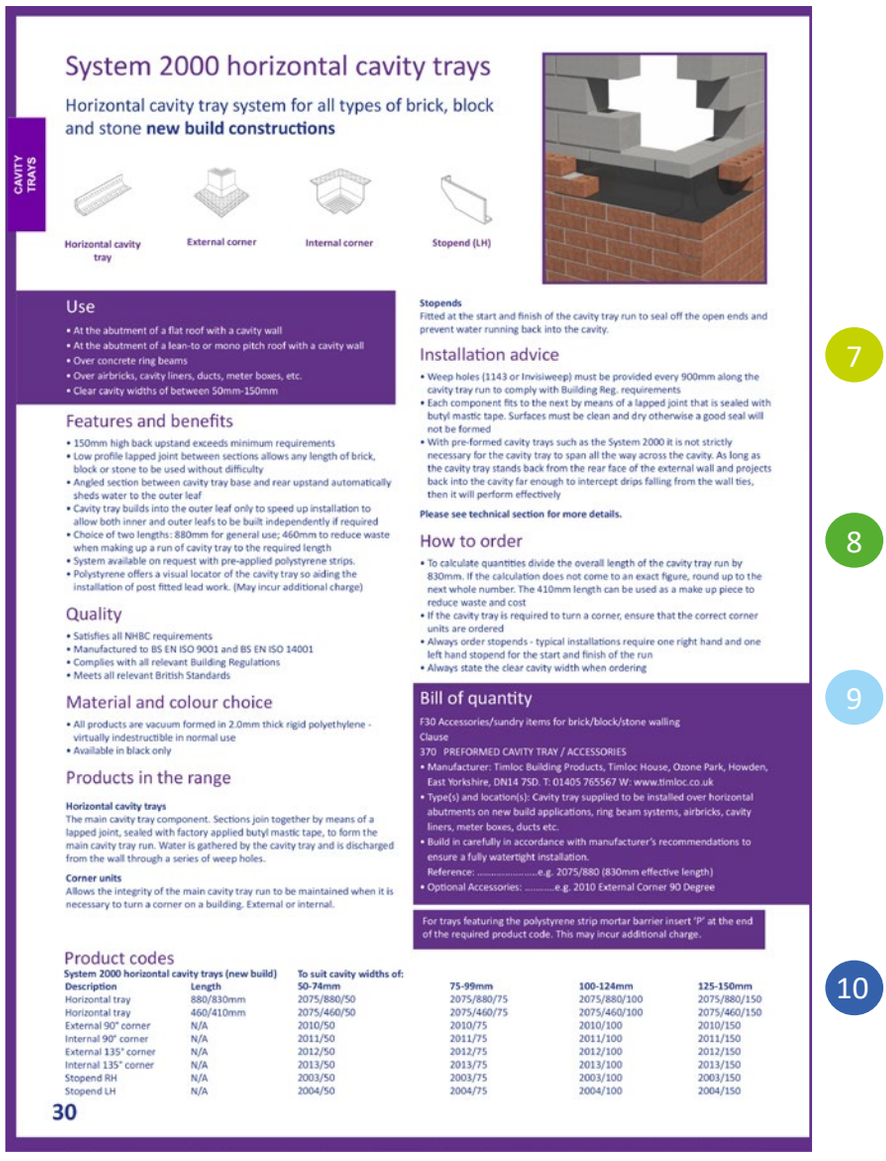
6. Products in the system
Listing and brief information on all products in the system.

7. Installation advice
Key information required for installation.

8. How to order
Information needed to assist in ordering the correct product and quantities.

9. Bill of quantity
Full details for Bills of Quantity, in the recognised industry standard format.

10. Product codes
Product code listing of all products in the system.



CAVITY TRAYS

System 2000 horizontal cavity trays

Horizontal cavity tray system for all types of brick, block and stone **new build constructions**

Horizontal cavity tray | External corner | Internal corner | Stopend (LH)

Use
- At the abutment of a flat roof with a cavity wall
- At the abutment of a lean-to or mono pitch roof with a cavity wall
- Over concrete ring beams
- Over airbricks, cavity liners, ducts, meter boxes, etc.
- Clear cavity widths of between 50mm-150mm

Features and benefits
- 150mm high back upstand exceeds minimum requirements
- Low profile lapped joint between sections allows any length of brick, block or stone to be used without difficulty
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Cavity tray builds into the outer leaf only to speed up installation to allow both inner and outer leafs to be built independently if required
- Choice of two lengths: 880mm for general use; 460mm to reduce waste when making up a run of cavity tray to the required length
- System available on request with pre-applied polystyrene strips.
- Polystyrene offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. (May incur additional charge)

Quality
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and colour choice
- All products are vacuum formed in 2.0mm thick rigid polyethylene - virtually indestructible in normal use
- Available in black only

Products in the range
Horizontal cavity trays
The main cavity tray component. Sections join together by means of a lapped joint, sealed with factory applied butyl mastic tape, to form the main cavity tray run. Water is gathered by the cavity tray and is discharged from the wall through a series of weep holes.

Corner units
Allows the integrity of the main cavity tray run to be maintained when it is necessary to turn a corner on a building. External or internal.

Stopends
Fitted at the start and finish of the cavity tray run to seal off the open ends and prevent water running back into the cavity.

Installation advice
- Weep holes (1143 or Invisiweep) must be provided every 900mm along the cavity tray run to comply with Building Reg. requirements
- Each component fits to the next by means of a lapped joint that is sealed with butyl mastic tape. Surfaces must be clean and dry otherwise a good seal will not be formed
- With pre-formed cavity trays such as the System 2000 it is not strictly necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the external wall and projects back into the cavity far enough to intercept drips falling from the wall ties, then it will perform effectively

Please see technical section for more details.

How to order
- To calculate quantities divide the overall length of the cavity tray run by 830mm. If the calculation does not come to an exact figure, round up to the next whole number. The 410mm length can be used as a make up piece to reduce waste and cost
- If the cavity tray is required to turn a corner, ensure that the correct corner units are ordered
- Always order stopends - typical installations require one right hand and one left hand stopend for the start and finish of the run
- Always state the clear cavity width when ordering

Bill of quantity
F30 Accessories/sundry items for brick/block/stone walling
Clause
370 PREFORMED CAVITY TRAY / ACCESSORIES
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray supplied to be installed over horizontal abutments on new build applications, ring beam systems, airbricks, cavity liners, meter boxes, ducts etc.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
  Reference: .....e.g. 2075/880 (830mm effective length)
- Optional Accessories: .....e.g. 2010 External Corner 90 Degree

For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.

Product codes

System 2000 horizontal cavity trays (new build)		To suit cavity widths of:			
Description	Length	50-74mm	75-99mm	100-124mm	125-150mm
Horizontal tray	880/830mm	2075/880/50	2075/880/75	2075/880/100	2075/880/150
Horizontal tray	460/410mm	2075/460/50	2075/460/75	2075/460/100	2075/460/150
External 90° corner	N/A	2010/50	2010/75	2010/100	2010/150
Internal 90° corner	N/A	2011/50	2011/75	2011/100	2011/150
External 135° corner	N/A	2012/50	2012/75	2012/100	2012/150
Internal 135° corner	N/A	2013/50	2013/75	2013/100	2013/150
Stopend RH	N/A	2003/50	2003/75	2003/100	2003/150
Stopend LH	N/A	2004/50	2004/75	2004/100	2004/150

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We are continuously introducing new products and updating our existing range so for the most up to date information on the Timloc Building Products range please visit: **www.timloc.co.uk**.

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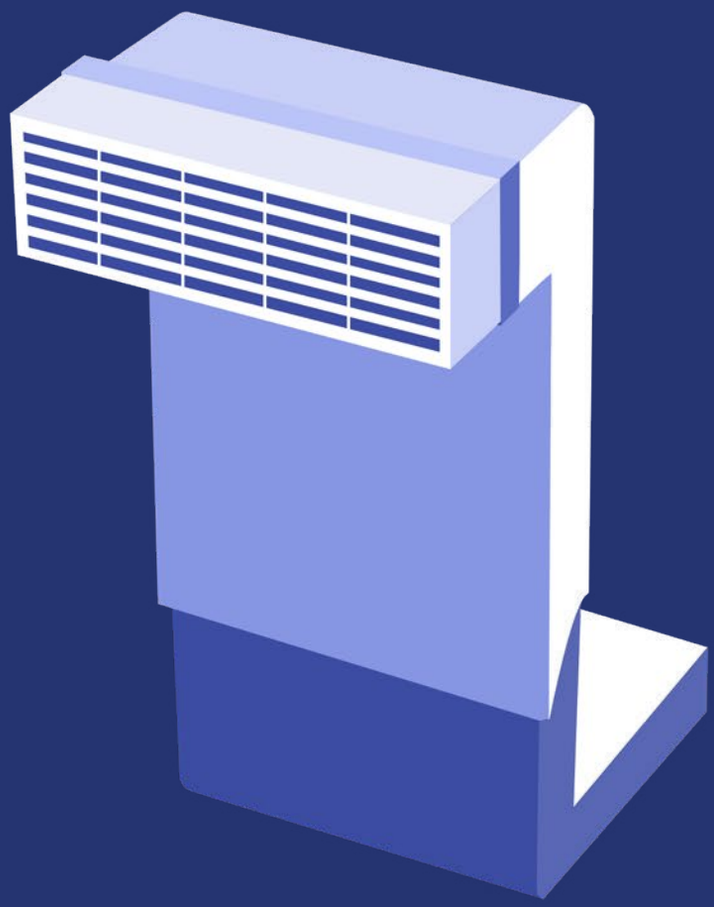


CONSTRUCTION ACCESSORIES

INVISIWEEP

The almost invisible wall weep

Multi-function product for discharging water from external walls

Invisiweep
IW50 IW200

Invisiweep extension tube
IW500EX

Invisiweep extension
(cut to size on site)

Available in boxes of 50 or 200 units

Use

Any situation where water must be discharged from an external wall, e.g:

- At ground floor slab level
- Within cavity tray systems
- Over external lintels
- On external masonry walls

Features and Benefits

- Integral 4mm vermin barrier and rainwater baffle as recommended by BS5250, to reduce ingress of large nest building insects, mammals and rainwater penetration to the cavity
- External ribs & tapered profile, to key into mortar for secured fixing
- Full height upstand to cavity side, to maintain drainage and minimise the impact on blockage from cavity cement build up
- Discrete water outlet, to minimise the impact and reduce visibility for a truly concealed wall weep
- Venturi effect outlet tube to reduce pressure, allowing for optimal water drainage
- Extension tube available for wide walls and render - IW500EX

Technical Information

Cavity wall weeps or cavity drain units should always be installed in cavity masonry walls to allow drainage at regular intervals. They are required at ground floor, below DPC level, and must also be provided as part of any cavity tray run, including roof abutment trays, over lintels and continuous cavity tray systems, such as gas protection barrier systems.

Unfortunately, many sites are still providing a weep hole facility by simply leaving the perpend joints between bricks open, these open joints are prone to being filled.

Perpendicular joints left open can be very noticeable and result in an infestation of nest building insect and small mammals and allow the ingress of driving wind and rain, which leads to the need for a proprietary weep unit such as the Invisiweep.

Invisiweep has been designed and flow tested to optimise the discharge of water while meeting the requirement for a small concealed outlet size.

Installation Advice

- Invisiweep should be used in perpendicular joints to perform the function of a drainage channel wherever water could collect inside a cavity wall such as over external lintels, or over cavity trays
- To work effectively the Invisiweep should be placed directly on top of the base of a cavity tray, DPC or on the front edge of a lintel
- Wall weeps should be placed at 450mm centres above openings with a minimum of two to comply with NHBC recommendations
- Care should be taken to ensure the Invisiweep is kept clear of mortar and does not become blocked. This is important at the cavity side of the weep which could be blocked by mortar droppings from above
- For wide walls and render finishes, the weep tube extension can be pushed into the open end of the Invisiweep and cut to the required size.

How to Order

- To calculate quantities, divide the overall length of the cavity tray, DPC or lintel by 450mm and round up to the nearest number or by 900mm if wider centres for perimeter cavity trays
- Allow a minimum of two Invisiweeps per opening and one InvisiWeep for every cavity tray stop end
- The Invisiweep is 102mm long and will cover a standard external wall, longer units can be made up on site with additional IW500EX weep extension
- State the product number with box quantity and colour.

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Meets British standards; BS5250, BS8000, BS5628, BS8215
- Satisfies all NHBC requirements
- Complies with all relevant Building Regulations.

Materials

- Injection moulded from Polypropylene
- Invisiweep is available in a choice of:
  Terracotta, Buff, Brown, Clear, White, Grey, Black & Blue/Black
- Invisiweep Extension is available in Clear only

Product Codes

Description	Height	Width	Length	Pack Quantity	Product Code
Invisiweep	65mm	10mm	102mm	50	IW50
Invisiweep	65mm	10mm	102mm	200	IW200
Invisiweep Extension	6mmø	6mmø	500mm	10	IW500EX

State required colour at the end of the product code:
TE:*Terracotta,* ***BU:****Buff,* ***BR****:Brown,* ***CL:****Clear,* ***WH:****White,* ***GR:****Grey,* ***BL:****Black,* ***BB:****Blue Black*

INVISIWEEP NC

Non-combustible multi-function product for discharging water from external walls

Use

Any situation where water must be discharged from an external wall, e.g:

- In external masonry walls
- Suitable for high rise buildings above 18metres as Regulation 7 (2) & Building Regulation approved document B
- Suitable for high rise buildings above 11metre as Building (Scotland) technical handbook 2019: domestic and non-domestic
- At ground floor slab level
- Within cavity tray systems
- Over external lintels

Features and Benefits

- High pressure diecast in A1 non-combustible metal protected by an electroplated coating.
- Classified as A1, non-combustible, no contribution to fire without the need for testing according to European Commission paper 96/603/EC and BS EN 13501-1:2018
- Integral 4mm vermin barrier and rainwater baffle as recommended to reduce ingress of large nest building insects, mammals and rainwater penetration to the cavity
- External ribs & tapered profile, to key into mortar for secured fixing
- Full height upstand to cavity side, to maintain drainage and minimise the impact on blockage from cavity cement build up
- Discrete water outlet, to minimise the impact and reduce visibility for a truly concealed wall weep
- Venturi effect outlet tube to reduce pressure, allowing for optimal water drainage

Technical Information

Cavity wall weeps or cavity drain units should always be installed in cavity masonry walls to allow drainage at regular intervals. They are required at ground floor, below DPC level, and must also be provided as part of any cavity tray run, including roof abutment trays, over lintels and continuous cavity tray systems, such as gas protection barrier systems.

Unfortunately, many sites are still providing a weep hole facility by simply leaving the perpend joints between bricks open, these open joints are prone to being filled.

Perpendicular joints left open can be very noticeable and result in an infestation of nest building insect and small mammals and allow the ingress of driving wind and rain, which leads to the need for a proprietary weep unit such as the Invisiweep.

Invisiweep NC has been designed and flow tested to optimise the discharge of water while meeting the requirement for a small concealed outlet size.

Installation Advice

- Invisiweep NC should be used in perpendicular joints to perform the function of a drainage channel wherever water could collect inside a cavity wall such as over external lintels, or over cavity trays
- To work effectively the Invisiweep NC should be placed directly on top of the base of a cavity tray, DPC or on the front edge of a lintel
- Wall weeps should be placed at 450mm centres above openings with a minimum of two to comply with NHBC recommendations. Care should be taken to ensure the Invisiweep NC is kept clear of mortar and does not become blocked. This is important at the cavity side of the weep which could be blocked by mortar droppings from above

How to Order

- To calculate quantities, divide the overall length of the cavity tray, DPC or lintel by 450mm and round up to the nearest number or by 900mm if wider centres for perimeter cavity trays
- Allow a minimum of two Invisiweep NCs per opening and one InvisiweepNC for every cavity tray stop end
- State the product code

Quality

- Meets British standards; BS5250, BS8000, BS5628, BS8215
- Satisfies all NHBC requirements
- Complies with all relevant Building Regulations

Materials

- High pressure diecast ZL5 Zinc
- Electroplated

Applications

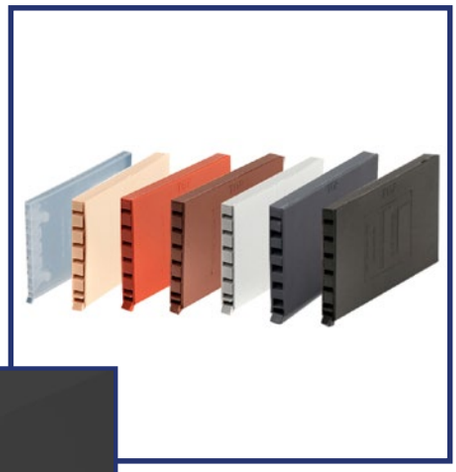
- Suitable for use in high-rise buildings with a storey 18m or more above ground level to Regulation 7(2) and Building Regulations Approved Document B.
- Suitable for use in buildings with a storey 11m or more above ground level to Building (Scotland) technical handbook 2019: domestic and non-domestic, 2.7.

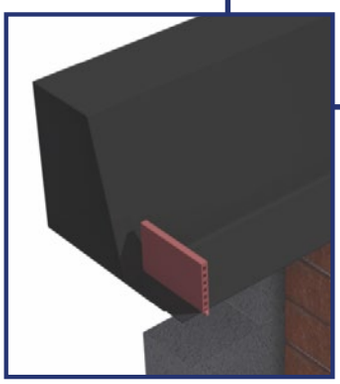
Product Code

Height	Width	Length	Colour	Pack Quantity	Product Code
65mm	10mm	102mm	Silver	50	ZIN50

Cavity Wall Weep

Multi-function weep for discharging water from external walls and cavity ventilation





Use

Any situation where water must be discharged from an external wall, e.g:

- At ground floor slab level
- Within cavity tray systems
- Over external lintels
- Where a cavity must be ventilated
- On external walls - 100mm or more in thickness - built from brick, block or stone

Features and Benefits

- Purpose made and pre-formed to guarantee reliable discharge of water
- Less prone to inadvertent pointing-up than weep holes formed by simply leaving the perp. joint open
- Integral front grille prevents entry of large nest building insects into the cavity when using product 1143
- Range of colours to blend with brick or mortar colour: Terracotta, Buff, Brown, Clear, White, Grey, Black or Blue Black
- Longer lengths built up with extension pieces
- Individual extension pieces (1144) can be clipped together to create a longer extension

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- 1143 is injection moulded in UV stabilised polypropylene
- 1143 is available in a choice of Terracotta, Buff, Brown, Clear, White, Grey, Black or Blue Black
- 1144 is available in Natural only

Installation Advice

- Wall weeps should be used wherever water could collect inside a cavity wall, such as over external lintels, or wherever a cavity tray system is installed
- To work effectively wall weeps should be placed directly on top of the base of a cavity tray or DPC, or on the front flange of the lintel
- Wall weeps should be spaced at 450mm centres to comply with NHBC recommendations
- Care should be taken to ensure the wall weep is kept clear of mortar and does not become blocked. This is particularly important at the back of the weep which could be blocked by mortar droppings from above

How to Order

- To calculate quantities divide the overall length of the cavity tray, DPC or lintel by 450mm and round up to the nearest whole number
- Check that the external wall is a standard 102.5mm brick or 100mm block thickness, if it is not please state the thickness on your order
- State the product number, type, colour etc. on your order

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
132^ WEEP HOLES

- Form with plastics perpend units to manufacturers recommendations at not greater than 900mm centres immediately above base of cavity, external openings and stepped dpcs. Provide not less than two weep holes over openings.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference: 1143/1144
- Colour: Terracotta, Buff, Brown, Clear, White, Grey, Black or Blue Black

Product Codes

Cavity Wall Weep

Length	Colour	Pack Quantity	Product Code
100mm	Various	50	1143

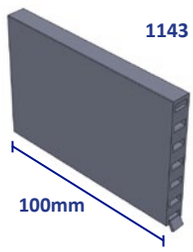
State required colour at the end of the required product code:
***TE:**Terracotta, **BU:**Buff, **BR:**Brown, **CL:**Clear, **WH:**White, **GR:**Grey, **BL:**Black, **BB:**Blue Black*

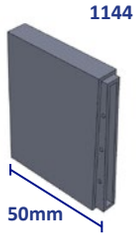
Cavity Wall Weep Extension

Length	Colour	Pack Quantity	Product Code
50mm	Natural	50	1144

NB. 1143 Airflow = 165mm² Free area/unit

Product Dimensions





Drill Vent by Timloc

Cavity ventilator and drainage weep

Use

- When cavity ventilation and/or drainage is required to an external cavity wall
- Ideal solution for retro-fitting
- Designed with high airflow for venting timber framed buildings
- Suitable for both high & low-level cavity wall ventilation & drainage applications
- Perfect for rendered masonry walls

Features and Benefits

- Purpose made and pre-formed to guarantee reliable ventilation
- Quick and easy to install in a 25mm diameter drilled hole
- Circular design allows efficient ventilation airflow of 335mm^2
- Integral curved louvres are designed to maximise airflow and reduce entry of wind driven rain
- Louvres designed to prevent entry of large nest building insects into the cavity
- Large low-level drainage hole
- Barbed body ensures secure fit into pre-drilled hole
- Outer flange to offer clean finish
- Range of colours to blend with brick or mortar colour (Clear, Buff, Terracotta)

Installation Advice

- To meet NHBC standards for cavity ventilation in external timber framed walls, fit each ventilator at 600mm centres
- To meet The Building (Scotland) Regulations for ventilating cavities within masonry outer leaf walls, fit each ventilator at 1200mm centres
- To meet Building Regulations Part C for external wall cavity drainage at low level, fit each unit at 900mm centres
- To form a weep hole to drain cavity trays install each unit at 450mm centres above openings and 900mm centres to other areas
- High level vents are located externally 200 – 225mm below the soffit or roof barge. Low level vents should be installed by the DPC at ground level. At this level, it doubles as a drain for the cavity as well as a vent
- If the cavity is bridged or closed at intermediate floor levels, cavity venting and drainage should be provided above and below the bridge
- Identify the location at which you need to place the vent. A 25mm hole is cored at spacing centres required
- The vent has been designed to be installed at a slight angle (approx. 2.5°), to minimize any wind-driven rain entering the cavity and allow the unit to drain freely. Therefore, the hole is drilled through the external leaf with the drill inclined slightly upwards. It is recommended to use a drill with a depth setting as to avoid any damage to the internal leaf, insulation or breather membranes
- Insert and align the ventilator into the hole and tap into place using a rubber mallet. The ventilator should finish flush with the wall surface

Quality

- Satisfies all relevant NHBC Standards for cavity ventilation & drainage
- Manufactured to BS EN ISO 9001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from polypropylene
- Drill vents are available in a choice of Terracotta, Buff and Clear

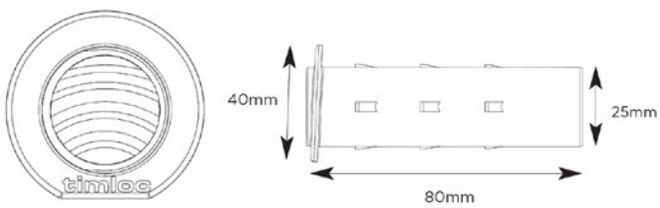
How to Order

- Calculate quantity required based upon application
- State the product code
- Supplied in pack quantities of 50

Product Codes

Description	Colour	Hole Size (D)	Pack Quantity	Product Code
Drill Vent	Clear	25mm	50	DV1
Drill Vent	Buff	25mm	50	DV2
Drill Vent	Terracotta	25mm	50	DV3

Product Dimensions



Insulation Retaining Discs

A universal insulation retaining disc to suit most styles and sizes of wall tie

IRD65BL

IRD80R

Use

- A universally designed insulation retaining disc
- Suitable for general purpose, light duty and heavy duty applications

Features and Benefits

- Will fit most wall ties available from leading wall tie manufacturers
- Suitable for both fibre and rigid slab insulation
- Firm grip design that will not move on the wall tie

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from polypropylene
- Available in red or black

Installation Advice

- Insulation retaining discs should be fitted to every wall tie for applications when insulation retainers are required
- Spacing and quantity calculations should be as wall tie guidance
- Consult latest NHBC Standards for required spacing
- 'Where partial cavity fill is to be used,' ties/discs should be spaced at 600mm centres horizontally and in vertical as well as horizontal rows, ie not staggered
- Retaining discs are clipped onto wall ties either before building in or in situ
- Due to the firm grip design the disc may require opening slightly to accept the wall tie
- It is recommended that the wall tie is held in position when the disc is offered and clipped in place

How to Order

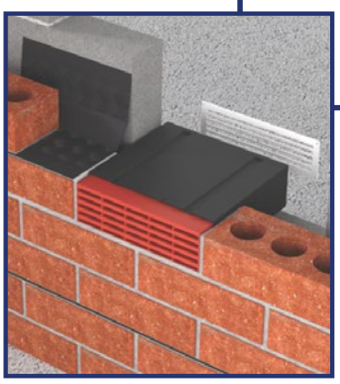
- Typically one disc per wall tie. Approximately 5 per square metre
- State the product code
- Supplied in pack quantities of:
  1500 - **IRD65BL**
  1000 - **IRD80R**

Product Codes

Colour	Diameter	Pack Quantity	Product Code
Black	65mm	1500	IRD65BL
Red	80mm	1000	IRD80R

1201 Airbrick

Effective airbrick ventilator available in a range of colours



Use

- In conjunction with the 1201 / 1201XL telescopic underfloor vent for providing ventilation below suspended ground floors
- In conjunction with cavity sleeves for ventilation through external walls to a building interior

Features and Benefits

- Equivalent area of 6170mm2 per air brick
- Unique stepped front grille greatly reduces the entry of wind driven rain
- 6.5mm wide front grille openings comply with BS 5440 Pt 2 and British Gas requirements
- Integral clip together facility allows multiple airbricks to be stacked to form 9” x 6” and 9” x 9” sizes
- Available in a range of colours to blend in with various brick types
- Very tough and robust
- Durable and totally resistant to decay

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards
- Equivalent area marking to front face of airbrick to comply with BS EN 13141-1 : 2004

Material and Colour Choice

- Manufactured by injection moulding in UV stabilised polypropylene
- 1201 airbrick is available in buff, terracotta, grey, brown, black, white and blue black.

Installation Advice

- Always use in conjunction with a Timloc telescopic underfloor ventilator, or cavity sleeve, depending on the application

How to Order

- Airbrick quantity will be relative to the number of telescopic underfloor ventilators or cavity sleeves required
- State the colour required

Bill of Quantity

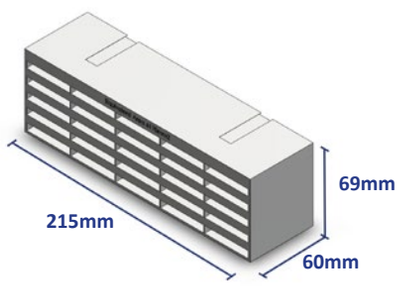
F30 Accessories/sundry items for brick/block/stone walling
Clause
160 | AIR BRICK

- To BS493, Class 1, built in as the work proceeds.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference: 1201AB (Interlinking Airbrick)
- Design: Rectangular
- Work size: Each unit 69mm coursing x 215mm,
- (Equivalent area 6170mm2)
- Material: Thermoplastic
- Colour: (Black, White, Brown, Buff, Grey, Blue Black or Terracotta)
- Optional Accessories: e.g. 1201 Telescopic Under Floor Vent (6,000mm2)

Product Codes

Equivalent Area	Colour	Pack Quantity	Product Code
6170mm²	Buff	20	1201ABBU
6170mm²	Terracotta	20	1201ABTE
6170mm²	Grey	20	1201ABGR
6170mm²	Brown	20	1201ABBR
6170mm²	Black	20	1201ABBL
6170mm²	White	20	1201ABWH
6170mm²	Blue Black	20	1201ABBB

Product Dimensions

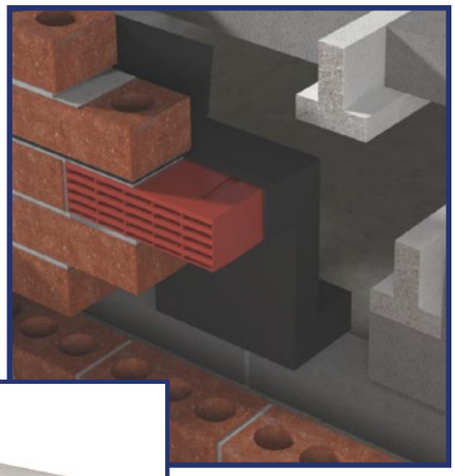


1201 Telescopic Underfloor Ventilator

Adjustable ventilator for ground floors up to 5 brick courses

Incorporates vermin grille

Horizontal & vertical extension accessories available



Use

- To provide ventilation below suspended ground floors

Features and Benefits

- Telescopic and adjustable for a step of 3, 4 or 5 brick courses
- Horizontal and vertical extension accessories available
- Equivalent of 6000mm2 per unit
- Special grille included to prevent entry of vermin
- Durable, robust and totally resistant to decay

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by injection moulding in polypropylene
- Available in black only

Installation Advice

- Always use in conjunction with a Timloc airbrick
- The airbrick and upper front opening of the telescopic underfloor ventilator must be positioned above the finished external ground level - usually at the same level as the ground level DPC
- The lower rear opening of the product must project down to the level of the underfloor void and must not be obstructed by the floor construction. A vertical extension sleeve is available to fit with this product if the standard 5 course step is not adequate
- Building Regulations require a free airflow below suspended ground floors of at least 1500mm2 per metre run of wall. This can be achieved by spacing the ventilators at 4m centres, however, such a wide spacing is not recommended as stagnant air pockets could form in the underfloor void. Timloc recommend a spacing of not more than 2m centres to comply with NHBC standards.
- The NHBC recommend that underfloor ventilators are spaced at a maximum of 2m centres, with ventilators also positioned not more than 450mm from the ends of the wall
- As a minimum requirement ventilators should be positioned down two opposite sides of the building to create a cross flow ventilation action. It is good practice to position ventilators around the full perimeter of the building, particularly with complex building designs
- If the underfloor void is separated by dividing walls, openings must be provided to allow a free flow of air around the underfloor void
- The standard ventilator will fit into a cavity wall with an external leaf of 100-102.5mm, a minimum cavity width of 50mm and a cross cavity of 100mm. External and internal horizontal extension sleeves are available to accommodate thicker walls or wider cavities
- To be installed with a DPC Cavity tray and wall weeps to collect any water ingress. We recommend Timloc's IL4 and 2 weeps (IW or 1143)

Bill of Quantity

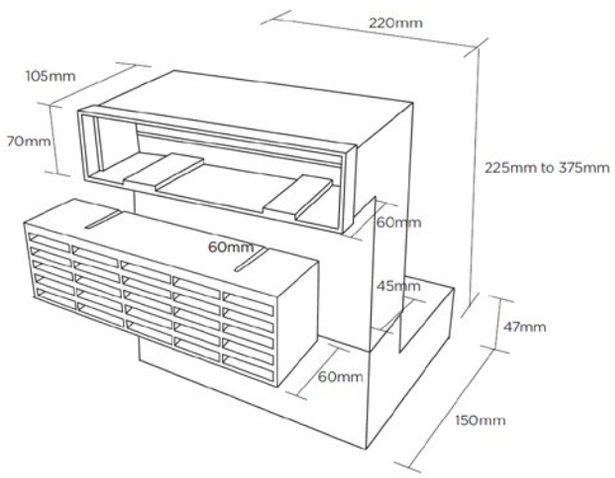
F30 Accessories/sundry items for brick/block/stone walling
Clause
160 | AIR BRICK

- To BS493, Class 1, built in as the work proceeds.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference: 1201 Telscopic Cranked Under Floor Vent (6,000mm2)
- Design: Rectangular
- Work size: Each unit 225/375mm coursing x 220mm,
- (6,000mm2 equivalent area)
- Material: Thermoplastic
- Colour: Black
- Optional Accessories:
  - 1203 Horizontal Front Extension (+115mm)
  - 1204 Vertical Extension Sleeve (additional 2 brick courses)
  - 1205 Duct Adaptor (suits 110mm diameter duct)
  - 1206 Horizontal Rear Extension (+100mm)

Product Code

Equivalent Area	Pack Quantity	Product Code
6000mm²	20	1201

Product Dimensions



1201XL Telescopic Underfloor Ventilator

Adjustable ventilator for ground floors up to 7 brick courses

Incorporates vermin grille

Horizontal & vertical extension accessories available

Use

- To provide ventilation below suspended ground floors

Features and Benefits

- Telescopic and adjustable for a step of 5, 6 or 7 brick courses
- Horizontal and vertical extension accessories available
- Equivalent of 6000mm2 per unit
- Special grille included to prevent entry of vermin
- Durable, robust and totally resistant to decay

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by injection moulding in polypropylene
- Available in black only

Installation Advice

- Always use in conjunction with a Timloc airbrick
- The airbrick and upper front opening of the telescopic underfloor ventilator must be positioned above the finished external ground level - usually at the same level as the ground level DPC
- The lower rear opening of the product must project down to the level of the underfloor void and must not be obstructed by the floor construction. A vertical extension sleeve is available to fit with this product if the standard 7 course step is not adequate
- Building Regulations require a free airflow below suspended ground floors of at least 1500mm2 per metre run of wall. This can be achieved by spacing the ventilators at 4m centres, however, such a wide spacing is not recommended as stagnant air pockets could form in the underfloor void. Timloc recommend a spacing of not more than 2m centres to comply with NHBC standards.
- The NHBC recommend that underfloor ventilators are spaced at a maximum of 2m centres, with ventilators also positioned not more than 450mm from the ends of the wall
- As a minimum requirement ventilators should be positioned down two opposite sides of the building so as to create a cross flow ventilation action. It is good practice to position ventilators around the full perimeter of the building, particularly with complex building designs
- If the underfloor void is separated by dividing walls, openings must be provided to allow a free flow of air around the underfloor void
- The standard ventilator will fit into a cavity wall with an external leaf of 100-102.5mm, a minimum cavity width of 50mm and across a cavity of 100mm. External and internal horizontal extension sleeves are available to accommodate thicker walls or wider cavities
- To be installed with a DPC Cavity tray and wall weeps to collect any water ingress. We recommend Timloc's IL4 and 2 weeps (IW or 1143)
- It may be a requirement to protect with a lintel for direct loads

How to Order

- Measure the length of each wall requiring telescopic underfloor ventilators and divide by 2m to establish the quantity required
- Always round up if the calculation does not work out to an exact whole number
- To be installed with a DPC cavity tray and wall weeps to collect any water ingress. We recommend Timloc's IL4 and 2 weeps (Invisiweep or 1143)

Bill of Quantity

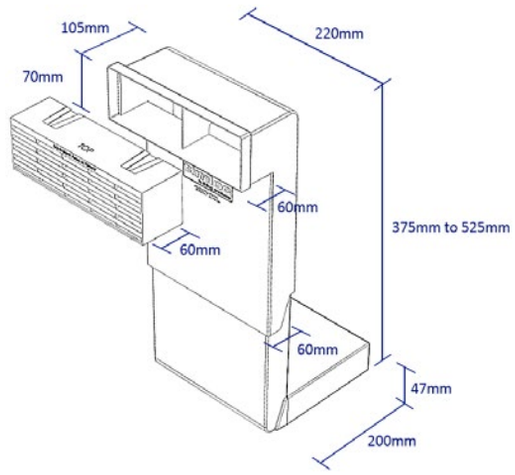
F30 Accessories/sundry items for brick/block/stone walling
Clause
160 | AIR BRICK

- To BS493, Class 1, built in as the work proceeds.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference: 1201XL Telscopic Cranked Under Floor Vent (6,000mm2)
- Design: Rectangular
- Work size: Each unit 375/525mm coursing x 220mm (6,000mm2 equivalent area)
- Material: Thermoplastic
- Colour: Black
- Optional Accessories:
  - 1203 Horizontal Front Extension (+115mm)
  - 1204 Vertical Extension Sleeve (additional 2 brick courses)
  - 1205 Duct Adaptor (suits 110mm diameter duct)
  - 1206 Horizontal Rear Extension (+100mm)

Product Code

Equivalent Area	Pack Quantity	Product Code
6000mm²	10	1201XL

Product Dimensions



1201 Telescopic Underfloor Vent Extension Accessories

Easy-to-use accessories for a range of underfloor ventilation applications

Use

- To provide horizontal or vertical extension to a telescopic underfloor ventilator to accommodate different wall/cavity/brick courses etc.
- To connect the ventilator to a duct

Features and Benefits

- Does not restrict airflow through the main telescopic underfloor vent
- Purpose-made accessories eliminate the need for on site modifications
- Lightweight and easy to handle
- Durable and totally resistant to decay

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- All accessories are injection moulded in polypropylene
- All accessories are available in black only

Products in the System

Horizontal front extension sleeve - 1203
- Fits between the airbrick and upper front opening of the telescopic underfloor ventilator to accommodate external walls of more than 102.5mm thickness, up to a maximum of 215mm.

Vertical extension sleeve - 1204
- Fits between the upper and lower parts of the telescopic underfloor ventilator to accommodate a vertical step of 6 to 7 brick courses.

Duct adaptor - 1205
- Fits on to the lower rear opening of the telescopic underfloor ventilator to allow a standard 110mm external diameter plastic underground drainage pipe to be connected via a coupling connection.

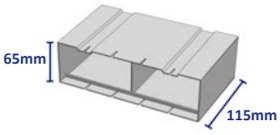
Horizontal rear extension sleeve - 1206
- Fits into the lower rear opening of the telescopic underfloor ventilator to accommodate cavity widths between 50-150mm - or internal walls of more than 100mm thickness, up to a maximum of 200mm

Installation Advice

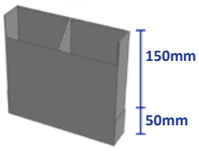
- 1203 should be fitted with the slotted end to accept the airbrick. 1203 sleeves can also be slotted together to form longer sections if required
- 1204 fits externally over the upper and lower parts of the ventilator, units can be multi stacked for greater height
- 1205 has a 'push-fit' opening for the drainage pipe. The vermin grille of the ventilator can be left in position. For fitting to drainage pipe a coupling will be required
- 1206 fits over the lower rear opening of the ventilator. The vermin grille must be removed to allow this & replaced at the other end of the extension sleeve. 1206s can be slotted together to form longer sections
- To improve joins between the telescopic underfloor ventilator and an accessory, seal using insulating tape or duct tape

Product Dimensions

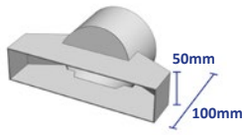
1203



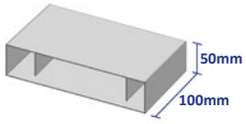
1204

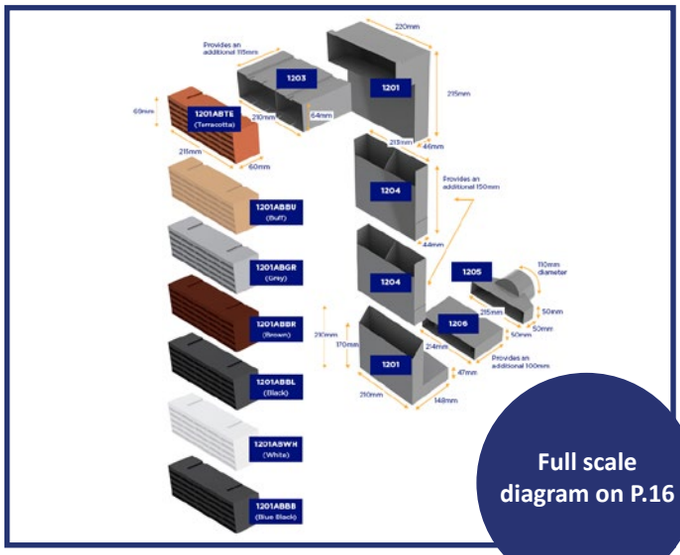


1205



1206





Full scale diagram on P.16

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
160 | AIR BRICK
- To BS493, Class 1, built in as the work proceeds.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference: Accessories
- Design: Various
- Work size: Various
- Material: Thermoplastic
- Colour: Black
- Optional Accessories:
  - 1203 Horizontal Front Extension (+115mm)
  - 1204 Vertical Extension Sleeve (additional 2 brick courses)
  - 1205 Duct Adaptor (suits 110mm diameter duct)
  - 1206 Horizontal Rear Extension (+100mm)

How to Order

- Establish which part of the telescopic underfloor ventilator needs extending and specify the appropriate accessory

Product Codes

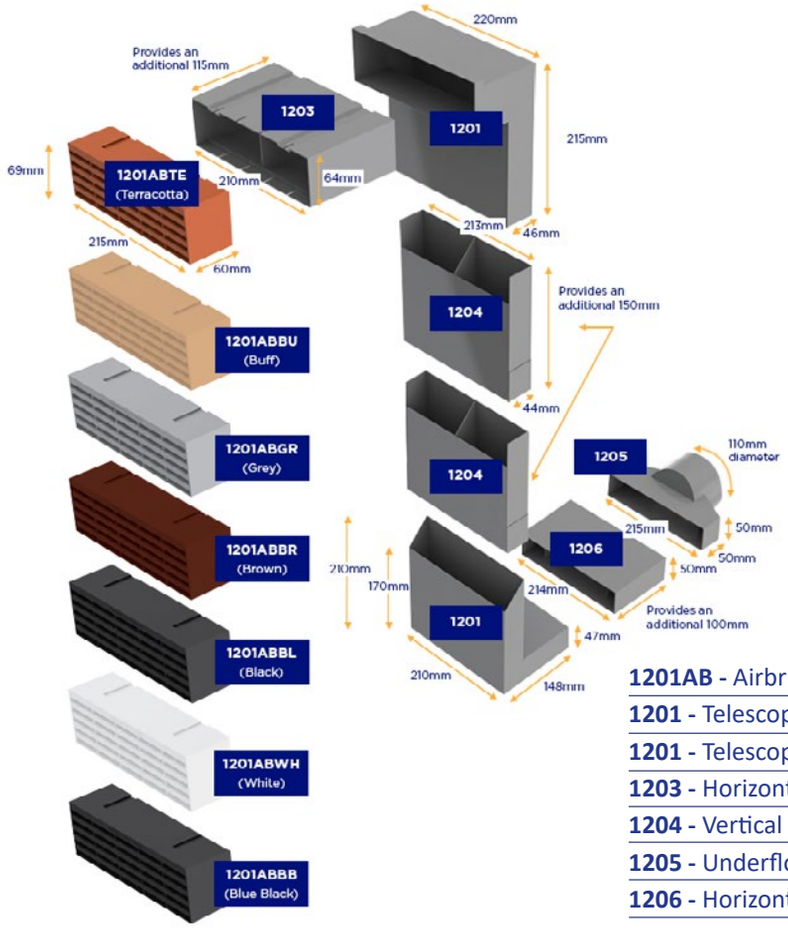
Description	To Suit	Product Code
Horizontal front extension	+115mm	1203
Vertical extension sleeve	Additional 2 brick courses	1204
Duct adaptor	Suits 110mm diameter duct	1205
Horizontal rear extension	+100mm	1206

The table below shows how the build up of telescopic underfloor ventilators and vertical extension pieces achieve the required building in height

Description	Brick Height	Rise (mm)
1201 telescopic underfloor vent	3-5	225/375
+1 no. 1204 vertical extension sleeve	6-7	450/525
+2 no. 1204 vertical extension sleeves	8-9	600/675
+3 no. 1204 vertical extension sleeves	10-11	750/825
+4 no. 1204 vertical extension sleeves	12-13	900/975

1201 / 1201XL Accessories and Extensions

Easy-to-use accessories for a range of underfloor ventilation applications



1201AB - Airbrick

1201 - Telescopic Underfloor Vent (upper half)

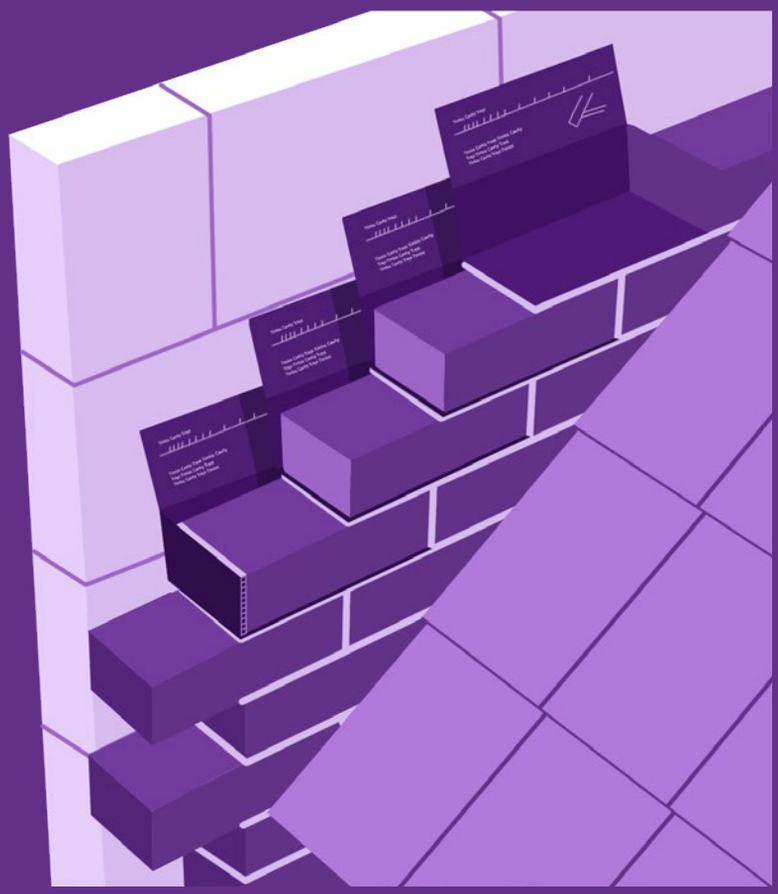
1201 - Telescopic Underfloor Vent (lower half)

1203 - Horizontal Front Extension Piece

1204 - Vertical Extension Piece

1205 - Underfloor Vent Duct Adaptor

1206 - Horizontal Rear Extension Piece



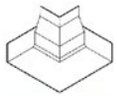
CAVITY TRAYS

Everdry Adjustable Stepped Cavity Trays for Brickwork

Stepped cavity tray system for multi cavity options in brick wall construction of 75mm course heights

Intermediate tray (LH)

Stopend starter tray (LH/RH)



Corner starter tray (LH/RH)

Ridge tray

Use

- At the abutment of a pitched roof with a cavity wall
- On external walls - not exceeding 120mm thickness - built from standard brickwork or similar sized components with regular course heights, including mortar of approx. 75mm
- On roof pitches of 15 degrees and above
- Clear cavity widths of between 50mm-110mm

Features and Benefits

- High adjustable back upstand
- Adjustable upstand to cover 50mm-110mm clear cavities
- Roof pitch marks on tray upstand to give installation guidance
- Cavity tray builds into outer leaf only to speed up installation and allowing both inner and outer leafs to be built independently if required
- Optional longer tray for roof pitches less than 25 degrees
- The system is available on request with pre-applied polystyrene strips. Polystyrene is much easier to rake out than mortar and offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. (This service may incur additional charge)

Quality

- BBA approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- All components in the range are injection moulded in 2mm polypropylene for added durability, toughness and quality
- Available in black only

Products in the Range

Intermediate trays
Suits all cavity options - forms main tray run with one tray on each course of brickwork running the full length of the abutting roof slope.

Stopend starters
First component to be installed and fitted at the lowest point on a standard abutment. It collects water gathered by the rest of the system and discharges it from the wall through a weep unit.

Corner starter trays
Has the same function as stopend starter tray but is used where the abutting roof comes up to, or beyond, the corner of the main building. Designed to return around the corner of the building to provide complete protection.

Ridge trays
Used where a right hand and left hand roof slope come together at an apex to straddle the top two intermediate trays.

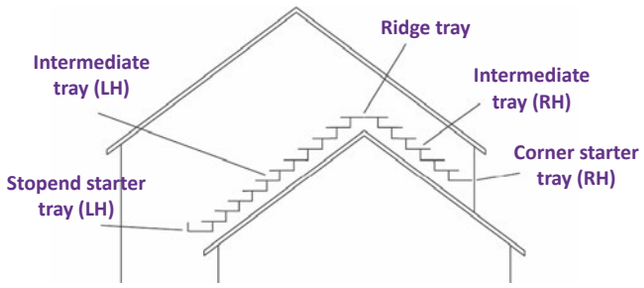
Installation Advice

- The core tray will suit clear cavity widths of 50mm-110mm
- Weep holes in starter and corner starter trays can be formed simply by installing purpose made Timloc plastic wall weep units (product 1143/ Invisiweep)
- Trays and/or where particularly porous facing brickwork is used, it is strongly recommended that extra weep holes are provided at intermediate points along the run of cavity trays.
- Many components come in left or right handed versions. Handing is dictated by the direction of the abutting roof slope.
- Trays must always be bedded onto fresh mortar, never dry bedded.

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray to be installed into brickwork over stepped/sloping roof abutments on new build and remedial work applications.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference: e.g. 10001 Intermediate Tray (RH) 225mm long (roof pitches 25°+)



Everdry Adjustable Stepped Cavity Trays for Brickwork

Stepped cavity tray system for multi cavity options in brick wall construction of 75mm course heights

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to Order

- To calculate quantities allow one cavity tray per course on each roof slope. One stopend starter or corner starter is needed per roof slope, and one ridge tray at each apex
- Check roof pitch and select correct length of tray to suit it
- Select the correct handing to suit the direction of each roof slope
- Always state cavity width, roof pitch and coursing height to ensure correct goods are despatched

Calculating Quantities of Stepped Cavity Trays

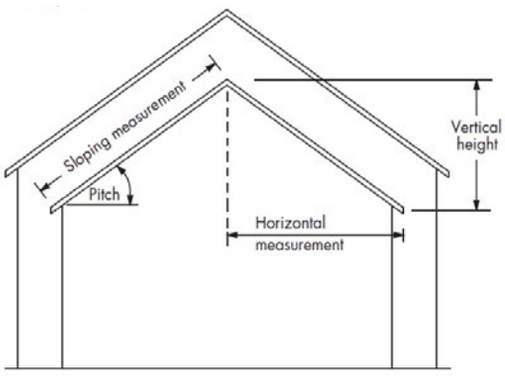
Stepped cavity trays are used where a pitched roof abuts a cavity wall. To calculate the quantity of trays required to cover a section of roof abutment one of three measurements must be determined, either the vertical height or the sloping or horizontal length of the abutment. If the vertical height is measured, simply divide this distance by the coursing height of the material being used for construction.

E.g. If the vertical height is 1.5m and the wall is standard 75mm brick coursing (NB 75mm = 0.075m) the equation would be 1.5 ÷ 0.075 = 20. Therefore 20 No. cavity trays are required per sloping abutment.

If the sloping or horizontal distance has been measured the tables shown opposite should be used to convert the distance (measured in metres) into the quantity of cavity trays. Take care to select the correct table and the appropriate column which relates to the coursing height and the pitch of the abutting roof.

E.g. If the sloping measurement is 2.5m, at a pitch of 30°, with a 75mm brick coursing height the equation would be 2.5 x 6.7 = 16.75. This would be rounded up, so 17 No. cavity trays are required.

E.g. If the horizontal measurement is 1.5m, at a pitch of 40°, with a 75mm brick coursing height the equation would be 1.5 x 11.2 = 16.8. This would be rounded down, so 16 No. cavity trays are required.



Stepped cavity trays sloping measurement

Roof pitch	Coursing height 75mm brick
10°	2.3
12.5°	2.9
15°	3.5
17.5°	4.0
20°	4.6
22.5°	5.1
25°	5.6
27.5°	6.2
30°	6.7
32.5°	7.2
35°	7.7
37.5°	8.1
40°	8.6
42.5°	9.0
45°	9.4

Stepped cavity trays horizontal measurement

Roof pitch	Coursing height 75mm brick
10°	2.4
12.5°	3.0
15°	3.6
17.5°	4.2
20°	4.9
22.5°	5.5
25°	6.2
27.5°	7.0
30°	7.7
32.5°	8.5
35°	9.3
37.5°	10.2
40°	11.2
42.5°	12.2
45°	13.3

Product Codes

75mm brick coursing

Description	Length	Handing	Product codes To suit clear cavity widths of 50mm -110mm
Intermediate tray	225mm	RH	10001
Intermediate tray	225mm	LH	10002
Intermediate tray	420mm*	RH	10011
Intermediate tray	420mm*	LH	10012
Stopend starter tray	225mm	RH/LH	10031
Corner starter tray	225mm	RH/LH	10041
Ridge tray	225mm	N/A	10061
Ridge tray	420mm	N/A	10062

For trays to suit clear cavity widths of 111mm+ can be made to order.

For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.

N.B Stopend starter, corner starter and ridge trays suit all roof pitches

* For roof pitches 15°-22.5°

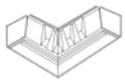
525mm long tray available "fixed cavity" for roof pitches 10°-15°

Everdry Stepped Cavity Trays for Stonework

Stepped cavity tray system for multi cavity options in stone wall construction of 150mm course heights

Intermediate tray (LH)

Stopend starter tray (LH/RH)



Corner starter tray (RH)

Ridge tray

Use

- At the abutment of a pitched roof with a cavity wall
- On external walls - not exceeding 150mm thickness - built from natural or reconstituted stone with regular course heights, including mortar of approx. 150mm
- On roof pitches of 7.5 degrees and above
- Clear cavity widths of between 50mm-125mm

Features and Benefits

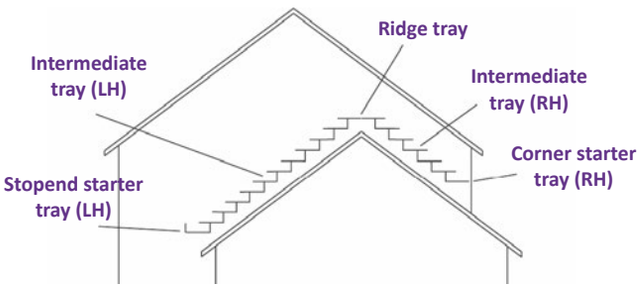
- 150mm high back upstand exceeds minimum requirements
- Permanent stopend protects the perpendicular joint and cuts out water backtracking along the stonework
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Cavity tray builds into the outer leaf only to speed up installation and allow both inner and outer leafs to be built independently if required
- Choice of three lengths: 450mm for roof pitches of 25 degrees or above; 625mm for roof pitches of 17.5-22.5 degrees; 1250mm for roof pitches of 7.5-15 degrees
- The system is available on request with pre-applied polystyrene strips. Polystyrene is much easier to rake out than mortar and offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. (This service may incur additional charge)

Quality

- BBA Approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- All products are vacuum formed in 2.0mm thick medium density polyethylene
- Available in black only



Products in the Range

Intermediate trays
Forms main tray run with one tray on each course of stonework running the full length of the abutting roof slope.

Stopend starter trays
Suits all roof pitches - first component to be installed and fitted at the lowest point on a standard abutment. It collects water gathered by the rest of the system and discharges it from the wall through a weep hole.

Corner starter trays
Suits all roof pitches - has same function as stopend starter tray but is used where the abutting roof comes up to, or beyond, the corner of the main building. Designed to return around the corner of the building to provide complete protection.

Ridge trays
Suits all roof pitches - used where a right hand and left hand roof slope come together at an apex to straddle the top two intermediate trays.

Installation Advice

- Each length of tray is available with a variety of base widths to suit different wall thicknesses and cavity width combinations. Wall thicknesses of either 100mm, 125mm or 150mm can be accommodated as well as cavity widths of 50-74mm, 75-99mm and 100-125mm - make sure you select the correct width for the project in hand
- Weep holes can be formed by simply installing a purpose-made Timloc plastic wall weep unit (product 1143/Invisiweep)
- In areas of severe weather exposure or where particularly porous facing stonework is used, it is strongly recommended that extra weep holes are provided at intermediate points along the run of cavity trays
- Many components come in left or right handed versions. Handing is dictated by the direction of the abutting roof slope - e.g. left handed trays are used on left handed roof slopes. Establish the correct handings or it will be impossible to fit the cavity trays properly
- With pre-formed cavity trays such as Everdry it is not strictly necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the stone and projects back into the cavity far enough to intercept drips falling from the wall ties, then it will perform effectively.

Everdry Stepped Cavity Trays for Stonework

Stepped cavity tray system for multi cavity options in stone wall construction of 150mm course heights

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to Order

- To calculate quantities allow one cavity tray per course on each roof slope. One stopend starter or corner starter is needed per roof slope, and one ridge tray at each apex
- Check roof pitch and select correct length of tray to suit it
- Make sure correct handing is selected to suit the direction of each roof slope
- Always state cavity width, roof pitch, coursing height and wall thickness to ensure correct goods are despatched

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- Type(s) and location(s): Cavity tray to be installed into 150mm stonework over stepped/sloping roof abutments on new build and remedial work applications.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Cavity width: ...
- External wall thickness: ...
- Roof pitch: ...
- Reference: e.g. Intermediate Tray (RH) 450mm long (roof pitches 25°+)

Product Codes

150mm stone coursing
100mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	450mm	7101	7103	7105
Intermediate tray LH	450mm	7102	7104	7106
Intermediate tray RH	625mm	7111	7113	7115
Intermediate tray LH	625mm	7112	7114	7116
Intermediate tray RH	1250mm	7121	7123	7125
Intermediate tray LH	1250mm	7122	7124	7126
Stopend starter tray RH/LH	450mm	7131	7133	7135
Corner starter tray RH	550mm	7141	7143	7145
Corner starter tray LH	550mm	7142	7144	7146
Ridge tray	450mm	7161	7162	7163

150mm stone coursing
125mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	450mm	7103	7105	7107
Intermediate tray LH	450mm	7104	7106	7108
Intermediate tray RH	625mm	7113	7115	7117
Intermediate tray LH	625mm	7114	7116	7118
Intermediate tray RH	1250mm	7123	7125	7127
Intermediate tray LH	1250mm	7124	7126	7128
Stopend starter tray RH/LH	450mm	7133	7135	7137
Corner starter tray RH	550mm	7143	7145	7147
Corner starter tray LH	550mm	7144	7146	7148
Ridge tray	450mm	7162	7163	7164

150mm stone coursing
150mm external wall thickness (bed)

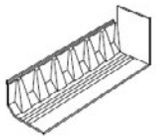
		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	450mm	7105	7107	7109
Intermediate tray LH	450mm	7106	7108	7110
Intermediate tray RH	625mm	7115	7117	7119
Intermediate tray LH	625mm	7116	7118	7120
Intermediate tray RH	1250mm	7125	7127	7129
Intermediate tray LH	1250mm	7126	7128	7130
Stopend starter tray RH/LH	450mm	7135	7137	7139
Corner starter tray RH	550mm	7145	7147	7149
Corner starter tray LH	550mm	7146	7148	7150
Ridge tray	450mm	7163	7164	7165

Trays to suit clear cavity widths of 126mm+ and 151mm external wall thickness can be made to order.

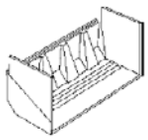
For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.

Everdry Stepped Cavity Trays for Blockwork/Stonework

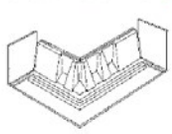
Stepped cavity tray system for blockwork/stonework construction of 225mm course heights



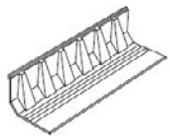
Intermediate tray (LH)



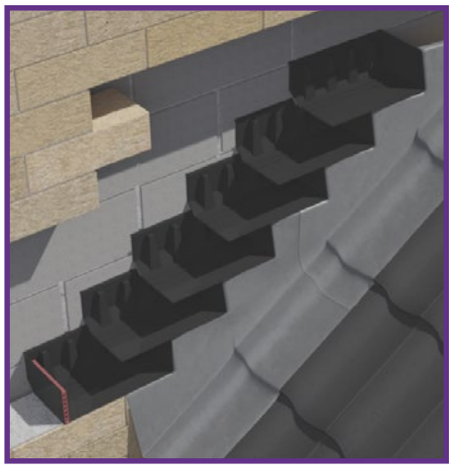
Stopend starter tray (LH/RH)



Corner starter tray (RH)



Ridge tray



Use

- At the abutment of a pitched roof with a cavity wall
- On external walls - not exceeding 150mm thickness - built from blockwork or stone with regular course heights, including mortar of approx. 225mm
- On roof pitches of 12.5 degrees and above
- Clear cavity widths of between 50mm-125mm

Features and Benefits

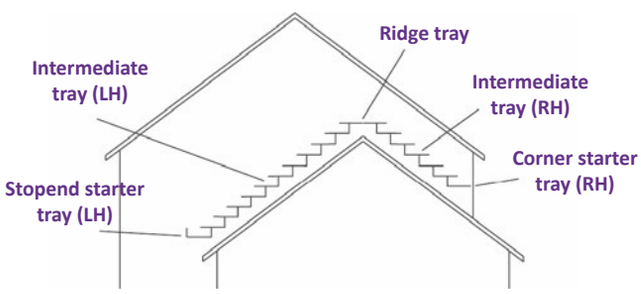
- 150mm high back upstand exceeds minimum requirements
- Permanent stopend protects the perpendicular joint and cuts out water backtracking along the blockwork/stonework
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf Cavity tray builds into the outer leaf only to speed up installation and allow both inner and outer leafs to be built independently if required
- Choice of two lengths: 625mm for roof pitches of 25 degrees or above; 1250mm for roof pitches of 12.5-22.5 degrees
- The system is available on request with pre-applied polystyrene strips. Polystyrene is much easier to rake out than mortar and offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. (This service may incur additional charge)

Quality

- BBA Approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- All products are vacuum formed in 2.0mm thick medium density polyethylene - virtually indestructible



Products in the Range

Intermediate trays
Forms main tray run with one tray on each course of blockwork/stonework running the full length of the abutting roof slope.

Stopend starter trays
Suits all roof pitches - first component to be installed and fitted at the lowest point on a standard abutment. It collects water gathered by the rest of the system and discharges it from the wall through a weep hole.

Corner starter trays
Suits all roof pitches - has same function as stopend starter tray but is used where the abutting roof comes up to, or beyond, the corner of the main building. Designed to return around the corner of the building to provide complete protection.

Ridge trays
Suits all roof pitches - used where a right hand and left hand roof slope come together at an apex to straddle the top two intermediate trays.

Installation Advice

- Each length of tray is available with a variety of base widths to suit different wall thicknesses and cavity width combinations. Wall thicknesses of either 100mm, 125mm or 150mm can be accommodated as well as cavity widths of 50-74mm, 75-99mm and 100-125mm - make sure you select the correct width for the project in hand
- Weep holes can be formed by simply installing a purpose-made Timloc plastic wall weep unit (product 1143/Invisiweep)
- In areas of severe weather exposure or where particularly porous facing stonework is used, it is strongly recommended that extra weep holes are provided at intermediate points along the run of cavity trays
- Many components come in left or right handed versions. Handing is dictated by the direction of the abutting roof slope - e.g. left handed trays are used on left handed roof slopes. Establish the correct handings or it will be impossible to fit the cavity trays properly
- With pre-formed cavity trays such as Everdry it is not strictly necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the stone and projects back into the cavity far enough to intercept drips falling from the wall ties, then it will perform effectively.

Everdry Stepped Cavity Trays for Blockwork/Stonework

Stepped cavity tray system for blockwork/stonework construction of 225mm course heights

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to Order

- To calculate quantities allow one cavity tray per course on each roof slope. One stopend starter or corner starter is needed per roof slope, and one ridge tray at each apex
- Check roof pitch and select correct length of tray to suit it
- Make sure correct handing is selected to suit the direction of each roof slope
- Always state cavity width, roof pitch, coursing height and wall thickness to ensure correct goods are despatched

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- Type(s) and location(s): Cavity tray to be installed into 225mm stonework over stepped/sloping roof abutments on new build and remedial work applications.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Cavity width: ...
- External wall thickness: ...
- Roof pitch: ...
- Reference: e.g. Intermediate Tray (RH) 625mm long (roof pitches 25°+)

Product Codes

225mm block/stone coursing
100mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	625mm	7201	7203	7205
Intermediate tray LH	625mm	7202	7204	7206
Intermediate tray RH	1250mm	7211	7213	7215
Intermediate tray LH	1250mm	7212	7214	7216
Stopend starter tray RH/LH	450mm	7231	7233	7235
Corner starter tray RH	550mm	7241	7243	7245
Corner starter tray LH	550mm	7242	7244	7246
Ridge tray	625mm	7261	7262	7263

225mm block/stone coursing
125mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	625mm	7203	7205	7207
Intermediate tray LH	625mm	7204	7206	7208
Intermediate tray RH	1250mm	7213	7215	7217
Intermediate tray LH	1250mm	7214	7216	7218
Stopend starter tray RH/LH	450mm	7233	7235	7237
Corner starter tray RH	550mm	7243	7245	7247
Corner starter tray LH	550mm	7244	7246	7248
Ridge tray	625mm	7262	7263	7264

225mm block/stone coursing
150mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	625mm	7205	7207	7209
Intermediate tray LH	625mm	7206	7208	7210
Intermediate tray RH	1250mm	7215	7217	7219
Intermediate tray LH	1250mm	7216	7218	7220
Stopend starter tray RH/LH	450mm	7235	7237	7239
Corner starter tray RH	550mm	7245	7247	7249
Corner starter tray LH	550mm	7246	7248	7250
Ridge tray	625mm	7263	7264	7265

Trays to suit clear cavity widths of 126mm+ and 151mm external wall thickness can be made to order.

For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.

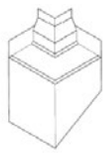
Everdry Stepped Cavity Trays for Brickwork - Lead Attached

Stepped leaded cavity tray system for multi cavity options in brickwall constructions of 75mm course heights


Intermediate tray short lead (LH)


Intermediate tray long lead (LH)


Stopend starter tray short lead (LH)


Corner starter tray long lead (LH)


Ridge tray

Use

- At the abutment of a pitched roof with a cavity wall
- On external walls - not exceeding 120mm thickness - built from standard brickwork or similar sized components with regular course heights, including mortar of approx. 75mm
- On roof pitches of 15 degrees and above
- Clear cavity widths of between 50mm-110mm

Features and Benefits

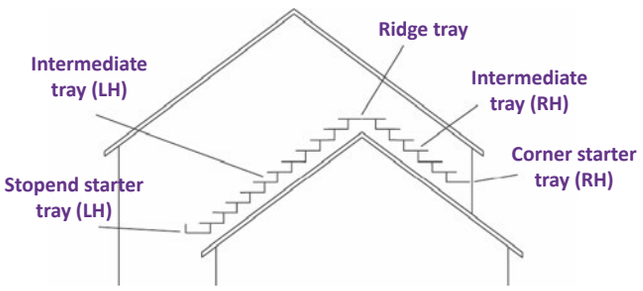
- Supplied with factory fitted lead flashing ready cut to suit the pitch of the roof and type of roof covering
- High back upstand
- Adjustable upstand to cover 50mm-110mm clear cavities
- Roof pitch marks on tray upstand to give installation guidance
- Cavity tray builds into outer leaf only to speed up installation and allowing both inner and outer leafs to be built independently

Quality

- BBA Approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Flashings are Code Blue milled lead as standard as defined by BS EN ISO 12588 : 1999 (formally known as Code 4)
- All components in the range are injection moulded in 2mm polypropylene for added durability, toughness and quality
- Available in black only



Products in the Range

Intermediate trays
Suits all cavity options - forms main tray run with one tray on each course of brickwork running the full length of the abutting roof slope.

Stopend starters
First component to be installed and fitted at the lowest point on a standard abutment. It collects water gathered by the rest of the system and discharges it from the wall through a weep unit.

Corner starter trays
Has same function as stopend starter tray but is used where the abutting roof comes up to, or beyond, the corner of the main building. Designed to return around the corner of the building to provide complete protection.

Ridge trays
Used where a right hand and left hand roof slope come together at an apex to straddle the top two intermediate tray.

Installation Advice

- The core tray will suit clear cavity widths of 50-110mm
- Weep holes in starter and corner starter trays can be formed simply by installing purpose made Timloc plastic wall weep units (product 1143/ Invisiweep)
- In areas of severe weather exposure, long continuous run of cavity trays and/ or where particularly porous facing brickwork is used, we strongly recommend that extra weep holes are used at intermediate points along the run of cavity trays. Heavier code lead may also need to be specified with flashings fixed and sealed where they overlap
- Many components come in left or right handed versions.Handing is dictated by the direction of the abutting roof slope

Contact Timloc Technical department for installation guidance.

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- Type(s) and location(s): Cavity tray with attached lead to be installed into brickwork over stepped/sloping roof abutments on new build and remedial work applications.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference: e.g. 20001 Intermediate Tray (RH)
- Cavity width: 50mm – 110mm
- Roof pitches: 15° - 60° (please stipulate)
- Lead attachment: e.g. Code Blue short or long (please stipulate)
- (short lead – flat tiles/slates) (long leads – profiled roof tile)

Everdry Stepped Cavity Trays for Brickwork - Lead Attached

Stepped cavity tray system for brickwork construction of 75mm course heights

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to Order

- To calculate quantities allow one cavity tray per course on each roof slope. One stopend starter or corner starter is needed per roof slope, and one ridge tray at each apex
- Check roof pitch and select correct length of tray to suit it
- Make sure correct handing is selected to suit the direction of each roof slope
- Always state cavity width, roof pitch and coursing height to ensure correct goods are despatched

Calculating Quantities of Stepped Cavity Trays

- Stepped cavity trays are used where a pitched roof abuts a cavity wall. To calculate the quantity of trays required to cover a section of roof abutment one of three measurements must be determined, either the vertical height or the sloping or horizontal length of the abutment. If the vertical height is measured, simply divide this distance by the coursing height of the material being used for construction. E.g. If the vertical height is 1.5m and the wall is standard 75mm brick coursing (NB 75mm = 0.075m) the equation would be 1.5 ÷ 0.075 = 20. Therefore 20 No. cavity trays are required per sloping abutment.
- If the sloping or horizontal distance has been measured the tables shown below should be used to convert the distance (measured in metres) into the quantity of cavity trays. Take care to select the correct table and the appropriate column which relates to the coursing height and the pitch of the abutting roof. E.g. If the sloping measurement is 2.5m, at a pitch of 30°,with a 75mm brick coursing height the equation would be 2.5 x 6.7 = 16.75. This would be rounded up, so 17 No. cavity trays are required. E.g. If the horizontal measurement is 1.5m, at a pitch of 40°, with a 75mm brick coursing height the equation would be 1.5 x 11.2 = 16.8. This would be rounded down, so 16 No. cavity trays are required.

Stepped cavity trays sloping measurement

Roof pitch	Coursing height 75mm brick
10°	2.3
12.5°	2.9
15°	3.5
17.5°	4.0
20°	4.6
22.5°	5.1
25°	5.6
27.5°	6.2
30°	6.7
32.5°	7.2
35°	7.7
37.5°	8.1
40°	8.6
42.5°	9.0
45°	9.4

Stepped cavity trays horizontal measurement

Roof pitch	Coursing height 75mm brick
10°	2.4
12.5°	3.0
15°	3.6
17.5°	4.2
20°	4.9
22.5°	5.5
25°	6.2
27.5°	7.0
30°	7.7
32.5°	8.5
35°	9.3
37.5°	10.2
40°	11.2
42.5°	12.2
45°	13.3

Product Codes

75mm brickwork coursing

Description	Length	Handing	Product codes to suit clear cavity widths of 50-110mm
Intermediate tray	varies	RH	20001
Intermediate tray	varies	LH	20002
Stopend starter tray	225mm	RH/LH	20031/32
Corner starter tray	225mm	RH/LH	20041/42
Ridge tray	225mm	N/A	20061
Ridge tray	420mm	N/A	20062

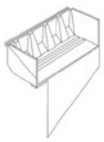
Trays to suit clear cavity widths of 111mm can be made to order.
N.B Intermediate trays are 225mm in length at roof pitches of 27.5 degrees and above. Below this pitch the length increases to 420mm and 525mm.

When ordering, please state roof pitch and whether long or short leads are required.

Everdry Stepped Cavity trays for Stonework - Lead Attached

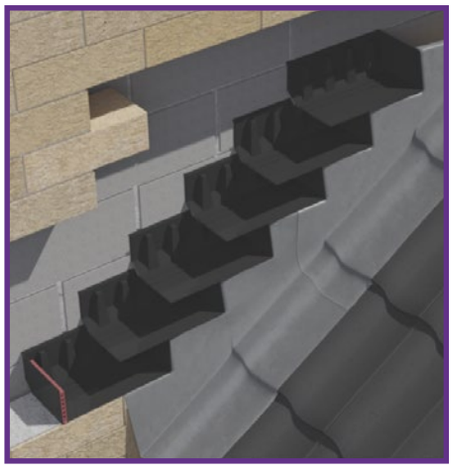
Stepped cavity tray system for stonework constructions of 150mm course heights

Intermediate tray long lead (LH)



Stopend starter tray short lead (LH)

Ridge tray



Use

- At the abutment of a pitched roof with a cavity wall
- On external walls - not exceeding 150mm thickness - built from natural or reconstituted stone with regular course heights, including mortar of approx. 150mm
- On roof pitches of 15 degrees and above
- Clear cavity widths of between 50mm-125mm

Features and Benefits

- Supplied with factory fitted lead flashing ready cut to suit the pitch of the roof and type of roof covering
- 150mm high back upstand exceeds minimum requirements
- Permanent stopend protects the perpendicular joint and cuts out water backtracking along the stonework
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Cavity tray builds into the outer leaf only to speed up installation and allow both inner and outer leafs to be built independently if required

Quality

- BBA Approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Flashings are Code Blue milled lead as standard as defined by BS EN ISO 12588 : 1999 (formally known as Code 4)
- All products are vacuum formed in 2.0mm thick rigid polyethylene - virtually indestructible in normal use
- Available in black only

Products in the Range

Intermediate trays
Forms main tray run with one tray on each course of stonework running the full length of the abutting roof slope.

Stopend starter tray
Suits all roof pitches - first component to be installed and fitted at the lowest point on a standard abutment. It collects water gathered by the rest of the system and discharges it from the wall through a weep hole.

Corner starter tray
Suits all roof pitches - has same function as stopend starter tray but is used where the abutting roof comes up to, or beyond, the corner of the main building. Designed to return around the corner of the building to provide complete protection. Corner starter trays are not supplied with factory fitted lead flashings due to the size and weight of lead flashing that would be required. Flashing in this area should be dealt with separately in the traditional way.

Ridge trays
Suits all roof pitches - used where a right hand and left hand roof slope come together at an apex to straddle the top two intermediate trays.

Installation Advice

- Each length of tray is available with a variety of base widths to suit different wall thicknesses and cavity width combinations. Wall thicknesses of either 100mm, 125mm or 150mm can be accommodated as well as cavity widths of 50-74mm, 75-99mm and 100-125mm - make sure you select the correct width for the project in hand
- Weep holes can be formed by simply installing a purpose-made Timloc plastic wall weep unit (product 1143/Invisiweep)
- In areas of severe weather exposure or where particularly porous facing stonework is used, it is strongly recommended that extra weep holes are provided at intermediate points along the run of cavity trays. A heavier code of lead may also need to be specified with flashings fixed and sealed where they overlap
- Many components come in left or right handed versions. Handing is dictated by the direction of the abutting roof slope - e.g. left handed trays are used on left handed roof slopes. Establish the correct handings or it will be impossible to fit the cavity trays properly
- With pre-formed cavity trays such as Everdry it is not strictly necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the stone and projects back into the cavity far enough to intercept drips falling from the wall ties, then it will perform effectively

Contact Timloc Technical department for installation guidance.

Everdry Stepped Cavity Trays for Stone-work - Lead Attached

Stepped cavity tray system for stonework constructions of 150mm course heights

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to Order

- To calculate quantities allow one cavity tray per course on each roof slope. One stopend starter or corner starter is needed per roof slope, and one ridge tray at each apex
- Check roof pitch and type of tile or slate and state clearly on your order
- Make sure correct handing is selected to suit the direction of each roof slope
- Always state cavity width, roof pitch, coursing height and wall thickness to ensure correct goods are despatched
- State whether long or short leads are required. Long leads are used with single lap concrete or clay roof tiles and dress over the top of the roof finish. Short leads are used with slates or double lap tiles, e.g. Rosemary type, and dress over the upstand of the soakers

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray to be installed into 150mm stonework over stepped/sloping roof abutments on new build and remedial work applications.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Cavity width: ...
- External wall thickness: ...
- Roof pitches: 15° - 60° (please stipulate)
- Lead attachment: Code Blue short or long (please stipulate)
- (short lead – flat tiles/slates)
- (long leads – profiled roof tile)

Product Codes

150mm stone coursing
100mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	Varies	8101	8103	8105
Intermediate tray LH	Varies	8102	8104	8106
Stopend starter tray RH	450mm	8131	8133	8135
Stopend starter tray LH	450mm	8132	8134	8136
Corner starter tray RH*	550mm	7141	7143	7145
Corner starter tray LH*	550mm	7142	7144	7146
Ridge tray	450mm	8161	8162	8163

150mm stone coursing
125mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	Varies	8103	8105	8107
Intermediate tray LH	Varies	8104	8106	8108
Stopend starter tray RH	450mm	8133	8135	8137
Stopend starter tray LH	450mm	8134	8136	8138
Corner starter tray RH*	550mm	7143	7145	7147
Corner starter tray LH*	550mm	7144	7146	7148
Ridge tray	450mm	8162	8163	8164

150mm stone coursing
150mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	Varies	8105	8107	8109
Intermediate tray LH	Varies	8106	8108	8110
Stopend starter tray RH	450mm	8135	8137	8139
Stopend starter tray LH	450mm	8136	8138	8140
Corner starter tray RH*	550mm	7145	7147	7149
Corner starter tray LH*	550mm	7146	7148	7150
Ridge tray	450mm	8163	8164	8165

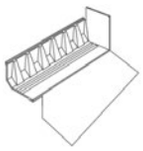
When ordering state roof pitch and whether long or short leads are required.

* Not supplied with factory fitted lead flashings.

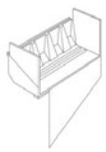
Trays to suit clear cavity widths of 126mm+ and external wall thickness (bed) of 151mm+ can be made to order.

Everdry Stepped Cavity Trays for Blockwork - Lead Attached

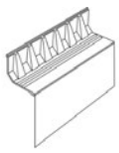
Stepped leaded cavity tray system for blockwork/ stonework constructions of 225mm course heights



Intermediate tray long lead (LH)



Stopend starter tray short lead (LH)



Ridge tray

Use

- At the abutment of a pitched roof with a cavity wall
- Clear cavity widths of between 50mm-125mm

Features and Benefits

- Supplied with factory fitted lead flashing cut to suit the pitch of the roof and type of roof covering
- 150mm high back upstand exceeds minimum requirements
- Permanent stopend protects the perpendicular joint and cuts out water backtracking along the blockwork/stonework
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Cavity tray builds into the outer leaf only to speed up installation and allow both inner and outer leafs to be built independently if required

Quality

- BBA Approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Flashings are Code Blue milled lead as standard as defined by BS EN 12588 : 1999 (formally known as Code 4)
- All products are vacuum formed in 2.0mm thick rigid polyethylene - virtually indestructible in normal use
- Available in black only

Products in the Range

Intermediate trays
Forms main tray run with one tray on each course of blockwork/stonework running the full length of the abutting roof slope.

Stopend starter tray
Suits all roof pitches - first component to be installed and fitted at the lowest point on a standard abutment. It collects water gathered by the rest of the system and discharges it from the wall through a weep hole.

Corner starter tray
Suits all roof pitches - has same function as stopend starter tray but is used where the abutting roof comes up to, or beyond, the corner of the main building. Designed to return around the corner of the building to provide complete protection. Corner starter trays are not supplied with factory fitted lead flashings due to the size and weight of lead flashing that would be required. Flashing in this area should be dealt with separately in the traditional way.

Ridge trays
Suits all roof pitches - used where a right hand and left hand roof slope come together at an apex to straddle the top two intermediate trays.

Installation Advice

- Each length of tray is available with a variety of base widths to suit different wall thicknesses and cavity width combinations. Wall thicknesses of either 100mm, 125mm or 150mm can be accommodated as well as cavity widths of 50-74mm, 75-99mm and 100-125mm - make sure you select the correct width for the project in hand
- Weep holes can be formed by simply installing a purpose-made Timloc plastic wall weep unit (product 1143/Invisiweep)
- In areas of severe weather exposure or where particularly porous facing blockwork/stonework is used, it is strongly recommended that extra weep holes are provided at intermediate points along the run of cavity trays A heavier code of lead may also need to be specified with flashings fixed and sealed where they overlap
- Many components come in left or right handed versions. Handing is dictated by the direction of the abutting roof slope - e.g. left handed trays are used on left handed roof slopes. Establish the correct handings or it will be impossible to fit the cavity trays properly
- With pre-formed cavity trays such as Everdry it is not strictly necessary for the cavity tray to span all the way across the cavity.As long as the cavity tray stands back from the rear face of the block and projects back into the cavity far enough to intercept

Contact Timloc Technical department for installation guidance.

Everdry Stepped Cavity Trays for Blockwork - Lead Attached

Stepped leaded cavity tray system for blockwork/ stonework constructions of 225mm course heights

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to Order

- To calculate quantities allow one cavity tray per course on each roof slope. One stopend starter or corner starter is needed per roof slope, and one ridge tray at each apex
- Check roof pitch and type of tile or slate and state clearly on your order
- Make sure correct handing is selected to suit the direction of each roof slope
- Always state cavity width, roof pitch, coursing height and wall thickness to ensure correct goods are despatched
- State whether long or short leads are required. Long leads are used with single lap concrete or clay roof tiles and dress over the top of the roof finish. Short leads are used with slates or double lap tiles, e.g. Rosemary type, and dress over the upstand of the soakers

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray to be installed into 225mm blockwork over stepped/sloping roof abutments on new build and remedial work applications.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference: e.g. Intermediate Tray (RH)
- Cavity width: ...
- External wall thickness: ...
- Roof pitches: 15° - 60° (please stipulate)
- Lead attachment: Code Blue short or long (please stipulate)
- (short lead – flat tiles/slates)
- (long leads – profiled roof tile)

Product Codes

225mm block/stone coursing
100mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	Varies	8201	8203	8205
Intermediate tray LH	Varies	8202	8204	8206
Stopend starter tray RH	450mm	8231	8233	8235
Stopend starter tray LH	450mm	8232	8234	8236
Corner starter tray RH*	550mm	7241	7243	7245
Corner starter tray LH*	550mm	7242	7244	7246
Ridge tray	450mm	8261	8262	8263

225mm block/stone coursing
125mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	Varies	8203	8205	8207
Intermediate tray LH	Varies	8204	8206	8208
Stopend starter tray RH	450mm	8233	8235	8237
Stopend starter tray LH	450mm	8234	8236	8238
Corner starter tray RH*	550mm	7243	7245	7247
Corner starter tray LH*	550mm	7244	7246	7248
Ridge tray	450mm	8262	8263	8264

225mm block/stone coursing
150mm external wall thickness (bed)

		Product codes to suit clear cavity widths of:		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Intermediate tray RH	Varies	8205	8207	8209
Intermediate tray LH	Varies	8206	8208	8210
Stopend starter tray RH	450mm	8235	8237	8239
Stopend starter tray LH	450mm	8236	8238	8240
Corner starter tray RH*	550mm	7245	7247	7249
Corner starter tray LH*	550mm	7246	7248	7250
Ridge tray	450mm	8263	864	8265

When ordering state roof pitch and whether long or short leads are required.

* Not supplied with factory fitted lead flashings.

Trays to suit clear cavity widths of 126mm+ and external wall thickness (bed) of 151mm+ can be made to order.

Inter-loc Horizontal Cavity Trays

Preformed horizontal cavity tray system for **new build and existing walls**

Existing build horizontal tray IL2/E

New build horizontal tray IL4

New build external corner EXT90

New build internal corner INT90

Use

- At the abutment of a flat roof with a cavity wall
- At the abutment of a lean-to or mono pitch roof with a cavity wall
- Over concrete ring beams
- Over airbricks, cavity liners, ducts, meter boxes, etc.
- On external walls - not exceeding 102.5mm in thickness - built from standard brickwork, blockwork or stone
- Clear cavity widths of between 50mm-125mm

Features and Benefits

- Fits all clear cavity sizes up to 125mm
- Suitable for brick, block and stone wall construction (cutting of masonry may be required)
- 150mm high back upstand exceeds minimum requirements of NHBC
- Angled section between cavity
- Interlocking mechanism for joining tray lengths to eliminate tray jointing
- Built to brick bonding lengths for ease of use
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Built independent to the inner leaf will enable inner and outer leafs to be built independently, if required
- Available in two lengths: 4 brick for general use and 2 brick for reducing waste when making up a run of cavity tray to the required length
- The system is available upon request with pre-applied polystyrene strips. Polystyrene is much easier to rake out than mortar and offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. This may incur additional charge.

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Horizontal Inter-loc units are injection moulded in 2mm polypropylene
- Accessories are vacuum formed in 2mm medium density polyethylene
- Available in black only

Products in the Range

Horizontal Inter-loc cavity trays
The main cavity tray component. Sections join together by means of a lapped interlocking join, to form the main cavity tray run. Water is gathered by the cavity tray and is discharged from the wall through a series of weep holes - one weep hole per Inter-loc tray is required.

Corner units
Allows the integrity of the main cavity tray run to be maintained when it is necessary to turn a corner on a building. Available in either external or internal format.

Stopends
Fitted at the start and finish of the cavity tray run to seal off the open ends and prevent water running back into the cavity.

Installation advice

- Each component is available to suit cavity widths of either 50-125mm
- Weep holes must be provided in every cavity tray to comply with Building Regulation requirements. These can be formed by installing a purpose made Timloc plastic wall weep unit
- Each Inter-loc cavity tray fits to the next by means of a lapped interlocking join, as work proceeds while working from right to left
- With rigid pre-formed cavity trays such as the Inter-loc system it is not necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the external wall and projects back into the cavity far enough to intercept drips falling from the wall ties, then it will perform effectively

Contact Timloc Technical department for installation guidance.

Inter-loc Horizontal Cavity Trays

Preformed horizontal cavity tray system for **new build and existing walls**

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to Order

- To calculate quantities divide the overall length of the cavity tray run by .225 (representing one brick and joint) to give number of bricks required then divide by 2 for IL2 or 4 for IL4 to give tray quantity. Always round up to the next tray because excess length can be cut away
- Please use stopends if the cavity tray has to be cut down to suit the project
- Stopends will not be required when the cavity tray run is built within the body of the building i.e. bay windows. For this application the integrated stopend can be built into the next available joint projecting past the abutting roof
- Contact our Technical department for pricing and assistance

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray supplied to be installed over horizontal abutments on new build applications, ring beam systems, airbricks, cavity liners, meter boxes, ducts etc.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference: e.g. Inter-loc 4 Horizontal Tray (4 – Brick Long)
- Optional Accessories: e.g. Inter-loc Internal Corner Tray

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray supplied to be installed over horizontal abutments on new build applications, ring beam systems, airbricks, cavity liners, meter boxes, ducts etc.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference: e.g. Inter-loc 2 (E) Horizontal Tray (2 – Brick Long)
- Optional Accessories: e.g. EXT90 (E) External Corner 90 Degree

Product Codes

New build applications
Inter-loc system horizontal cavity trays

Description	Effective Length	Product code
Inter-loc horizontal tray	4 brick/900mm	IL4
Inter-loc horizontal tray	2 brick/450mm	IL2
External 90° corner	1 brick/220mm	Ext 90
Internal 90° corner	1 brick/220mm	Int 90
External 135° corner	330mm	Ext 135
Internal 135° corner	150mm	Int 135
Stopend RH		SERH
Stopend LH		SELH

Product Codes

Existing applications
Inter-loc system horizontal cavity trays

Description	Effective Length	Product code
Inter-loc horizontal tray	2 brick/450mm	IL2/E
External 90° corner	1 brick/220mm	Ext 90/E
Internal 90° corner	1 brick/220mm	Int 90/E
External 135° corner	330mm	Ext 135/E
Internal 135° corner	150mm	Int 135/E
Stopend RH		SERH
Stopend LH		SELH

For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.

System 2000 Horizontal Cavity Trays

Horizontal cavity tray system for all types of brick, block and stone **new build constructions**

Horizontal cavity tray

External corner

Internal corner

Stopend (LH)

Use

- At the abutment of a flat roof with a cavity wall
- At the abutment of a lean-to or mono pitch roof with a cavity wall
- Over concrete ring beams
- Over airbricks, cavity liners, ducts, meter boxes, etc.
- Clear cavity widths of between 50mm-150mm

Features and Benefits

- 150mm high back upstand exceeds minimum requirements
- Low profile lapped joint between sections allows any length of brick, block or stone to be used without difficulty
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Cavity tray builds into the outer leaf only to speed up installation to allow both inner and outer leafs to be built independently if required
- Choice of two lengths: 880mm for general use; 460mm to reduce waste when making up a run of cavity tray to the required length
- System available on request with pre-applied polystyrene strips.
- Polystyrene offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. (May incur additional charge)

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- All products are vacuum formed in 2.0mm thick rigid polyethylene - virtually indestructible in normal use
- Available in black only

Products in the Range

Horizontal cavity trays
The main cavity tray component. Sections join together by means of a lapped joint, sealed with factory applied butyl mastic tape, to form the main cavity tray run. Water is gathered by the cavity tray and is discharged from the wall through a series of weep holes.

Corner units
Allows the integrity of the main cavity tray run to be maintained when it is necessary to turn a corner on a building. External or internal.

Stopends
Fitted at the start and finish of the cavity tray run to seal off the open ends and prevent water running back into the cavity.

Installation advice

- Weep holes (1143 or Invisiweep) must be provided every 900mm along the cavity tray run to comply with Building Reg. requirements
- Each component fits to the next by means of a lapped joint that is sealed with butyl mastic tape. Surfaces must be clean and dry otherwise a good seal will not be formed
- With pre-formed cavity trays such as the System 2000 it is not strictly necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the external wall and projects back into the cavity far enough to intercept drips falling from the wall ties, then it will perform effectively

Contact Timloc Technical department for installation guidance.

How to order

- To calculate quantities divide the overall length of the cavity tray run by 830mm. If the calculation does not come to an exact figure, round up to the next whole number. The 410mm length can be used as a make up piece to reduce waste and cost
- If the cavity tray is required to turn a corner, ensure that the correct corner units are ordered
- Always order stopends - typical installations require one right hand and one left hand stopend for the start and finish of the run
- Always state the clear cavity width when ordering

Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray supplied to be installed over horizontal abutments on new build applications, ring beam systems, airbricks, cavity liners, meter boxes, ducts etc.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
  Reference: e.g. 2075/880 (830mm effective length)
- Optional Accessories: e.g. 2010 External Corner 90 Degree

For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.

Product codes

System 2000 horizontal cavity trays (new build)		To suit cavity widths of:			
Description	**Length**	**50-74mm**	**75-99mm**	**100-124mm**	**125-150mm**
Horizontal tray	880/830mm	2075/880/50	2075/880/75	2075/880/100	2075/880/150
Horizontal tray	460/410mm	2075/460/50	2075/460/75	2075/460/100	2075/460/150
External 90° corner	N/A	2010/50	2010/75	2010/100	2010/150
Internal 90° corner	N/A	2011/50	2011/75	2011/100	2011/150
External 135° corner	N/A	2012/50	2012/75	2012/100	2012/150
Internal 135° corner	N/A	2013/50	2013/75	2013/100	2013/150
Stopend RH	N/A	2003/50	2003/75	2003/100	2003/150
Stopend LH	N/A	2004/50	2004/75	2004/100	2004/150

System 2000E Horizontal Cavity Trays for Refurbishment

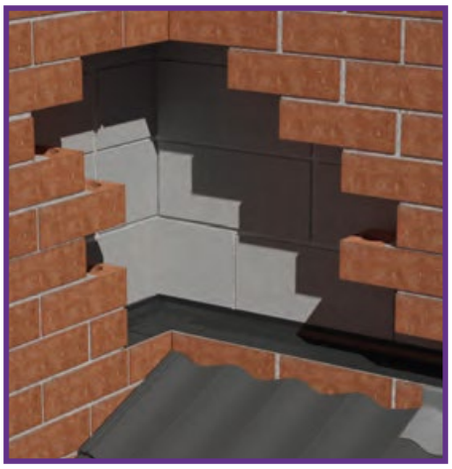
Horizontal cavity tray system for remedial work on **existing walls**

E-horizontal cavity tray

External corner

Internal corner

Stopend (LH)



Use

- For remedial work where a horizontal cavity tray must be inserted into an existing wall
- At the abutment of a flat roof with a cavity wall
- At the abutment of a lean-to or mono pitch roof with a cavity wall
- Over airbricks, cavity liners, ducts, meter boxes, etc.
- On external walls - not exceeding 102.5mm in thickness - built from standard brickwork, blockwork or stone
- Clear Cavity widths of between 50mm-125mm

Features and Benefits

- Compact size and design allows insertion into an existing wall without ever having to remove more than three bricks at any one time
- Low profile lapped joint between sections allows for variations in brick size
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Cavity tray builds into the outer leaf only, so there is no need to disturb the inner wall of the building
- The system is available upon request with pre-applied polystyrene strips. Polystyrene is much easier to rake out than mortar and offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. This may incur additional charge.

Quality

- BBA approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 : BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- All products are vacuum formed in 2.0mm thick rigid polyethylene
- Available in black only

Products in the Range

Horizontal cavity trays
The main cavity tray component. Sections join together by means of a lapped joint, sealed with factory applied butyl mastic tape, to form the main cavity tray run. Water is gathered by the cavity tray and is discharged from the wall through a series of weep holes.

Corner units
Allows the integrity of the main cavity tray run to be maintained when it is necessary to turn a corner on a building. Available in either external or internal format.

Stopends
Fitted at the start and finish of the cavity tray run to seal off the open ends and prevent water running back into the cavity.

Installation Advice

- Each component is available to suit cavity widths of 50-74mm, 75-99mm and 100-125mm - make sure you select the correct width for the project in hand
- Weep holes (Timloc 1143 or Invisiweep) must be provided every 900mm along the cavity tray run to comply with Building Reg.requirements.
- Each component fits to the next by means of a lapped joint that is sealed with butyl mastic tape. Surfaces must be clean and dry otherwise a good seal will not be formed
- With pre-formed cavity trays such as the System 2000E it is not strictly necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the external wall and projects back into the cavity far enough to intercept drips falling from the wall ties, it will perform effectively

Contact Timloc Technical department for installation guidance.

How to Order

- To calculate quantities divide the overall length of the cavity tray run by 440mm. If the calculation does not come to an exact figure, round up to the next whole number
- If the cavity tray is required to turn a corner, ensure that the correct, corner units are ordered
- Always order stopends - typical installations require one right hand and one left hand stopend for the start and finish of the run
- Always state the clear cavity width when ordering

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- Type(s) and location(s): Cavity tray supplied to be installed over horizontal abutments on new build applications, ring beam systems, airbricks, cavity liners, meter boxes, ducts etc.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference: 2005E Horizontal Tray (440mm effective length)
- Optional Accessories: e.g. 2006E External Corner 90 degree

Product Codes

System 2000E horizontal cavity trays (existing walls)

		To suit cavity widths of		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Horizontal tray	460/440mm	2005/50	2005/75	2005/100
External 90° corner	N/A	2006/50	2006/75	2006/100
Internal 90° corner	N/A	2007/50	2007/75	2007/100
Stopend RH	N/A	2003/50	2003/75	2003/100
Stopend LH	N/A	2004/50	2004/75	2004/100

Alternatively the Inter-loc system is also suitable for remedial work. Trays to suit clear cavity widths of 126mm+ can be made to order.

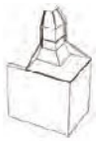
For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.

Inter-loc Horizontal Cavity Trays - Lead Attached

Preformed leaded cavity tray system for new build

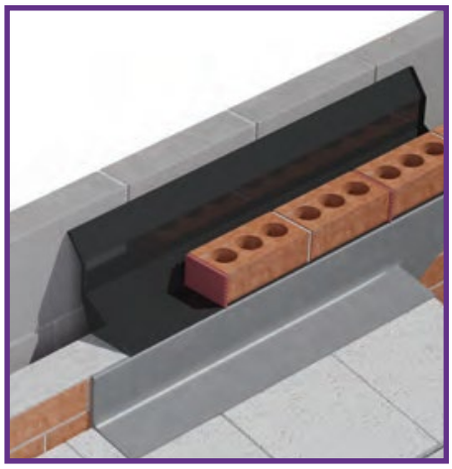
4 brick (300mm drop lead) IL4

2 brick horizontal cavity tray (150mm drop lead) IL2



External corner (300mm drop lead)

Internal corner 150mm (drop lead range)



Use

- At the abutment of a flat roof with a cavity wall
- At the abutment of a lean-to or mono pitch roof with a cavity wall
- On external walls - not exceeding 102.5mm in thickness - built from standard brickwork, blockwork or stone
- Clear cavity widths of between 50mm-125mm

Features and Benefits

- Supplied with factory fitted lead flashing ready cut to suit the pitch of the roof and type of roof covering
- Fits all cavity sizes up to 125mm
- Suitable for brick, block and stone wall construction (cutting of masonry may be required)
- 150mm high back upstand exceeds minimum requirements
- Angled section between cavity
- Interlocking mechanism for joining tray lengths to eliminate tray jointing
- Built to brick bonding lengths for ease of use
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Built independent to the inner leaf will enable inner and outer leafs to be built independently, if required
- Available in two lengths: 4 brick (900mm) for general use and 2 brick (450mm) for reducing waste when making up a run of cavity tray to the required length

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Flashings are Code Blue milled lead as standard as defined by BS EN 12588 : 1999 (formally known as Code 4)
- Horizontal Inter-loc units are injection moulded in 2mm polypropylene
- Accessories are vacuum formed in 2mm medium density polyethylene
- Available in black only

How to Order

- To calculate quantities divide the overall length of the cavity tray run by .225 (representing one brick and joint) to give number of bricks required then divide by 2 for IL2 or 4 for IL4 to give tray quantity. Always round up to the next tray because excess length can be cut away
- If the cavity tray is required to turn a corner, ensure that the correct corner units are ordered
- Please use stopends if the cavity tray has to be cut down to suit the project
- Stopends will not be required when the cavity tray run is built within the body of the building i.e. bay windows. For this application the integrated stopend can be built into the next available joint projecting past the abutting roof
- Contact our Technical Department for pricing and assistance

Products in the Range

Horizontal Inter-loc cavity trays
The main cavity tray component sections join together by means of a lapped interlocking join, to form the main cavity tray run. Water is gathered by the cavity tray and is discharged from the wall through a series of weep holes - one weep hole per Inter-loc tray is required.

Corner units
Allows the integrity of the main cavity tray run to be maintained when it is necessary to turn a corner on a building. Available in either external or internal format.

Stopends
Fitted at the start and finish of the cavity tray run to seal off the open ends and prevent water running back into the cavity.

Installation advice

- Each component is available to suit clear cavity widths of either 50-125mm
- Weep holes must be provided in every cavity tray to comply with Building Regulation requirements. These can be formed by installing a purpose made Timloc plastic wall weep unit
- Each Inter-loc cavity tray fits to the next by means of a lapped interlocking join, as work proceeds while working from right to left
- With rigid pre-formed cavity trays such as the Inter-loc system it is not necessary for the cavity tray to span all the way across the cavity. As long as the cavity tray stands back from the rear face of the external wall and projects back into the cavity far enough to intercept drips falling from the wall ties, then it will perform effectively

Contact Timloc Technical department for installation guidance.

Product Codes

New build applications with lead attached - 150mm drop lead
Inter-loc system horizontal leaded cavity trays

Description	Effective length	Product code
Inter-loc horizontal tray	4 brick / 900mm	IL4L150
Inter-loc horizontal tray	2 brick / 450mm	IL2L150
External 90° corner	1 brick / 220mm	EXT90L150
Internal 90° corner	1 brick /220mm	INT90L150
External 135° corner	330mm	EXT135L150
Internal 135° corner	150mm	INT135L150

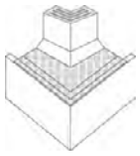
New build applications with lead attached - 300mm drop lead
Inter-loc system horizontal leaded cavity trays

Description	Effective length	Product code
Inter-loc horizontal tray	4 brick / 900mm	IL4L300
Inter-loc horizontal tray	2 brick / 450mm	IL2L300
External 90° corner	1 brick / 220mm	EXT90L300
Internal 90° corner	1 brick / 220mm	INT90L300
External 135° corner	330mm	EXT135L300
Internal 135° corner	150mm	INT135L300

System 2000 Horizontal Cavity Trays - Lead Attached

Horizontal leaded cavity tray system for all types of brick, block and stone new build constructions

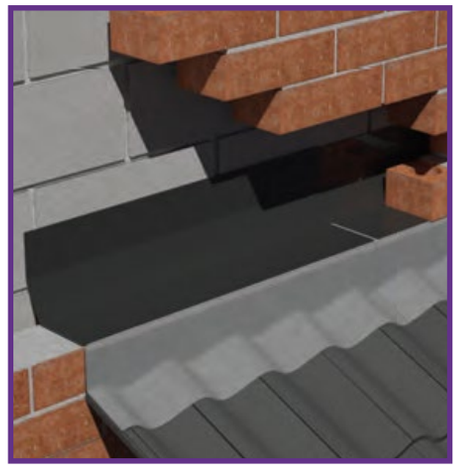
Horizontal cavity tray



External corner

Internal corner

Stopend (LH)



Use

- At abutment of a lean-to, flat or mono pitch roof and cavity wall
- On external walls - not exceeding 102.5mm in thickness - built from standard brickwork, blockwork or stone
- Clear cavity widths of between 50mm-125mm

Features and Benefits

- Supplied with factory fitted lead flashing, cut ready for dressing
- 150mm high back upstand exceeds minimum requirements
- Low profile lapped joint between sections allows any length of brick, block or stone to be used without difficulty
- Angled section between cavity tray base and rear upstand automatically sheds water to the outer leaf
- Cavity tray builds into the outer leaf only to speed up installation and allow both inner and outer leafs to be built independently
- Choice of two lengths: 880mm for general use; 460mm to reduce waste when making up a run of cavity tray to the required length

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards and NHBC requirements

Material and Colour Choice

- Vacuum formed in 2.0mm thick rigid polyethylene. Black only
- Flashings are Code Blue (milled lead as standard) as defined by BS EN 15288:1999 (formally known as Code 4)

Products in the Range

Horizontal cavity trays
The main cavity tray component. Sections join together by means of a lapped joint, sealed with factory applied butyl mastic tape, to form the main cavity tray run. Water is gathered by the cavity tray and is discharged from the wall through a series of weep holes.

Corner units
Allows the integrity of the main cavity tray run to be maintained when it is necessary to turn a corner on a building. External or internal.

Stopends
Fitted at the start and finish of the cavity tray run to seal off the open ends and prevent water running back into the cavity.

Installation Advice

- Each component is available to suit cavity widths of 50-74mm, 75-99mm and 100-125mm - please select the correct width
- Weep holes must be provided every 900mm along the cavity tray run to comply with Building Regulation requirements. These can be formed by installing a purpose made Timloc plastic wall weep unit
- Each component fits to the next by means of a lapped joint that is sealed with butyl mastic tape.
- Surfaces must be clean and dry otherwise a good seal will not be formedIn areas of severe weather exposure, customers should consider specifying a heavier code of lead and/or mechanically fixing and sealing the lead to prevent uplift

How to Order

- To calculate quantities divide the overall length of the cavity tray run by 830mm. If the calculation does not come to an exact figure, round up to the next whole number. The 410mm length can be used as a make up piece to reduce waste and cost
- If the cavity tray is required to turn a corner, ensure that the correct corner units are ordered
- Always order stopends - typical installations require one right hand and one left hand stopend for the start and finish of the run
- Always state the clear cavity width when ordering

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- Type(s) and location(s): Cavity tray supplied with attached lead flashing to be installed over horizontal roof abutments on new build applications.
- Build in carefully in accordance with manufacturer's recommendation to ensure a fully watertight installation.
- Cavity Width: ...
- Reference: e.g. 2075/880 L (830mm effective length) 150mm lead
- Optional Accessories: .e.g. 2010 L External Corner 90 Degree (150mm lead)

Product Codes

System 2000 horizontal cavity trays (new build)

		To suit cavity widths of		
Description	**Length**	**50-74mm**	**75-99mm**	**100-125mm**
Horizontal tray	880/830mm	2075/880/50	2075/880/75	2075/880/100
Horizontal tray	460/440mm	2075/460/50	2075/460/75	2075/460/100
External 90° corner	Short lead	2010L150/50	2010L150/75	2010L150/100
External 90° corner	Long lead	2010L300/50	2010L300/75	2010L300/100
Internal 90° corner	Short lead	2011L150/50	2011L150/75	2011L150/100
Internal 90° corner	Long lead	2011L300/50	2011L300/75	2011L300/100
External 135° corner	Long lead	2012L300/50	2012L300/75	2012L300/100
Internal 135° corner	Long lead	2013L300/50	2013L300/75	2013L300/100
Stopend RH	N/A	2003/50	2003/75	2003/100
Stopend LH	N/A	2004/50	2004/75	2004/100

Trays to suit clear cavity widths of 126mm+ can be made to order. Eg. 2075/880/50/L150 *

*State whether long (300mm) or short (150mm) leads are required. Long leads are used where flashing is required to dress directly over the top of the roof tile. Short leads are used where there is a soaker or secret gutter detail

Over Lintel, General Purpose and Parapet Horizontal Cavity Trays

A range to protect modern steel lintels, general purpose horizontal and parapet cavity applications

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

Use

- Over steel lintels in external cavity walls (LCT)
- General purpose horizontal cavity applications such as floor beams, abutments and meter boxes (GCT)
- For parapet walls (HPT)

Features and Benefits

- Fully self supporting cavity tray system built independently from inner leaf
- Available for all coursing heights and styles with options available to suit all cavity variations
- Full range of cut to length sizes available
- No site fabrication, no waste, easy to handle and install
- Consistency and build quality maintained, cost effective

Quality

- Tough, durable, scratch resistant and puncture resistant
- Manufactured to BS ISO 9001 and BS EN 14001
- Meets all relevant British Standards
- Meets all documented cavity tray requirements
- Meets all NHBC recommendations

Material and Colour Choice

- Manufactured from black 2mm polypropylene
- A high quality product that is rigid yet durable for site conditions

Installation Advice - Lintel Trays

- Lintel cavity trays must be combined with lintel stopends and proprietary weep hole units to achieve their full potential of being a system which offers maximum water catchment and discharge properties for above openings
- Standard length 2.5mtrs in one piece

Contact Timloc Technical department for installation guidance.

How to order

- Two stopends and weep holes at 450mm centres (minimum of two weep holes) are required per lintel/tray
- Consult lintel manufacturer to confirm lintel upstand height and select next available LCT height (either 100mm, 150mm or 225mm)
- Calculate the length of LCT required by adding a minimum of 300mm to length of lintel. This will give adequate cavity tray length to allow stopends to be inserted into the next perp joint away from the opening
- Add the appropriate LCT length to the product code before ordering
- The standard range of lintel cavity tray has been designed to suit the most popular types of steel lintel

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
485^ PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- To extend not less than 150mm beyond ends of lintels/bridgings.
- Reference: **LCT lintel cavity trays**
- Lintel Rise: **(100mm, 150mm or 225mm)**
- Cavity width: **(50mm, 75mm or 100mm)**

Product Codes

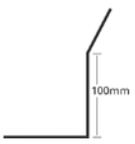
LCT lintel, GCT and HPT horizontal cavity trays

		Product codes to suit clear cavity widths of		
Description	**Colour**	**50mm**	**75mm**	**100mm**
LCT100 Lintel tray	Black	5001	5002	5003
LCT150 Lintel tray	Black	5004	5005	5006
LCT225 Lintel tray	Black	5007	5008	5009
GCT50 Horizontal tray	Black	5201	-	-
GCT75 Horizontal tray	Black	-	5202	-
GCT100 Horizontal tray	Black	-	-	5203
HPT50 Horizontal tray	Black	5301	-	-
HPT75 Horizontal tray	Black	-	5302	-
HPT100 Horizontal tray	Black	-	-	5303

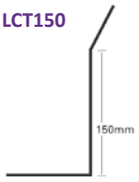
Trays to suit clear cavity widths of 101mm+ can be made to order.

Corners, stopends and joining tape are available to offer a fully sealed/ water tight system. Other variants of GCT available to order.

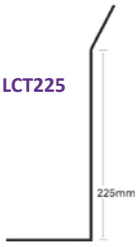
LCT100



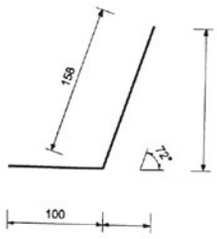
LCT150



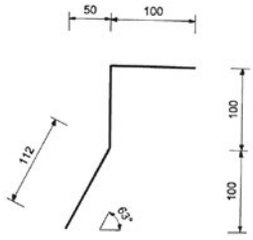
LCT225



5201



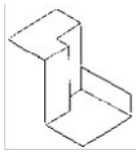
5301



Purpose Made Cavity Trays

Special made to measure damp proof course units for dpc applications

Threshold trays



Corner / column stopends

Use

- Wherever DPC is used to form a horizontal cavity tray
- To substitute the cutting, moulding and sealing of a DPC when forming cavity trays, angles, stop ends and column cloaks

Features and Benefits

- One piece seamless mouldings eliminate the need for site fabrication to prevent errors through poor workmanship
- Tailor-made to order - manufactured to suit exact customer requirements with delivery to site usually within 10-14 working days
- Easy to handle, flexible, tough, durable and puncture resistant
- Fully compatible with all Timloc DPC and cavity tray systems
- Can be used for multi-storey or high loading applications - will not extrude under loads up to the point of compressive failure of wall
- Wide range of standard components with special, tailor-made accessories also readily available

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Design principals comply with all relevant Building Regulations and relevant British Standards

Material and Colour Choice

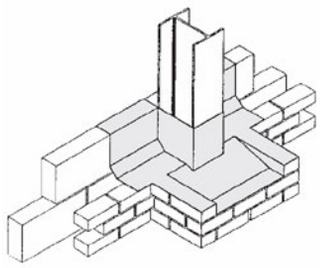
- Vacuum formed in 2mm medium density polyethylene
- In line heat bending in 2mm polypropylene
- Available in black only

Products in the Range

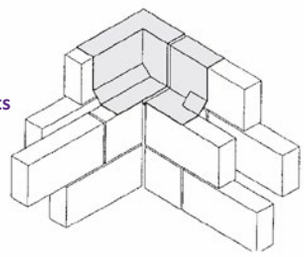
- Cavity trays for brick support systems
- Pier, column and corner cloaks
- Threshold trays
- Change of level units
- Stop end and junction cappings
- Radius units
- Ring beam cavity tray systems
- Parapet cavity tray systems

Installation Advice

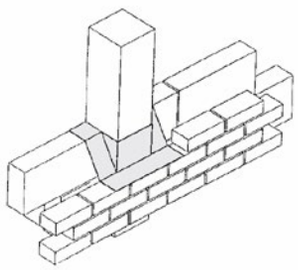
- As with all DPC systems, purpose made units should always be bedded on to fresh mortar, never dry bedded. The masonry laid over the DPC and purpose made unit should also be bedded on to fresh mortar so that the DPC system is approximately half way through the thickness of the mortar joint
- Continuation of DPC must be lapped on to the purpose made unit by a minimum of 100mm
- All lapped joints must be fully sealed with jointing tape (not all units are supplied with jointing tape attached). It is essential that the jointing surfaces are clean and dry or the jointing surfaces will not seal correctly
- All DPC items should be installed to relevant codes of practice



Pier and column cloaks



Corner expansion joints



Straight column cloaks

How to Order

Cavity trays are made to order, so please supply full construction details. Ideally these will include a fully dimensioned drawing.

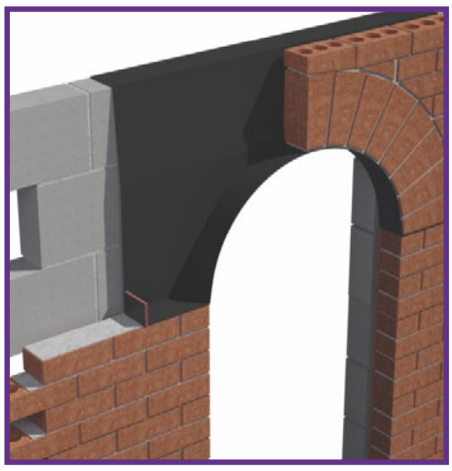
Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
385 | PREFORMED DPC / CAVITY TRAY JUNCTION CLOAKS / STOPENDS

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- Type(s) and location(s): Preformed made to measure Cavity tray to be designed to fit around non standard bespoke applications, such as columns, wind posts, corners, lintels etc
- Seal all laps with dpc and/or cavity trays using adhesive/mastic in accordance with manufacturers recommendations to ensure a fully watertight installation.
- Reference: **Timloc Purpose Made Cavity Trays**
- Types shown on drawings.

Cavity Trays for Door and Window Openings

Tailor-made cavity tray systems for all types of door/ window arches and circular windows



Use

- Around the opening of an external door or window with an arched top or a circular external window
- On external walls - built from brick, block or stone as well as timber frame constructions - of any thickness and any cavity width

Features and Benefits

- One piece seamless mouldings eliminate the need for site fabrication to prevent errors through poor workmanship
- Tailor-made to order - manufactured to suit exact customer requirements with delivery to site usually within 10-14 working days
- Any size, type or radius of curve can be fabricated
- Can be supplied in two or more sections to allow adjustment on site and easily compensate for building tolerances
- Easy to handle, flexible, tough, durable and puncture resistant
- Fully compatible with all Timloc DPC and cavity tray systems
- Can be used for multi-storey or high loading applications - will not extrude under loads up to the point of compressive failure of wall
- Wide range of standard components with special, tailor-made accessories also readily available

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- All products are vacuum formed in 2.0mm thick medium density polyethylene - virtually indestructible in normal use
- Available in black only

Installation Advice

- Under normal circumstances the arch and bullseye cavity tray is positioned so that the upstand fits between the door/window frame and the external brickwork. After installation the upstand can be trimmed back flush with the frame and sealed with exterior mastic in the normal way
- Weep holes must be provided at the base of the arch cavity tray at both sides of the opening. These can be formed by installing a purpose made Timloc plastic wall weep unit (product 1143/Invisiweep)
- When the arch and bullseye cavity tray is supplied in two or more sections, each section fits to the next by means of a lapped joint that is sealed with butyl mastic tape. Surfaces must be clean and dry otherwise a good seal will not be formed
- Arch and bullseye cavity trays are usually supplied with an integral flap which builds in to the inner leaf to ensure it is held securely in position. If building-in is not possible. e.g. with a timber frame construction, the cavity tray flap should be mechanically fixed to the inner leaf.

Contact Timloc Technical department for installation guidance.

How to Order

Arch cavity trays are made to order, so please supply full construction details. Ideally these will include a fully dimensioned drawing showing door/window opening size and wall construction details. If this is not possible the minimum information required is:

- Thickness of outer leaf and cavity width
- Clear opening width and height of door/window opening
- Radius of curvature
- Position of spring line
- With this data Timloc will be able to produce and despatch a dimensioned drawing for your approval.

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
385 | PREFORMED DPC / CAVITY TRAY JUNCTION CLOAKS / STOPENDS

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park,
- Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Type(s) and location(s): Preformed Arch Cavity Tray to be positioned directly over external arch window features/lintels.
- Seal all laps with dpc and/or cavity trays using adhesive/mastic in accordance with manufacturers recommendations to ensure a fully watertight installation.
- Reference: SPA Arch Dpc Cavity Tray
- Diameter: Types & sizes as shown on drawings/window schedule.

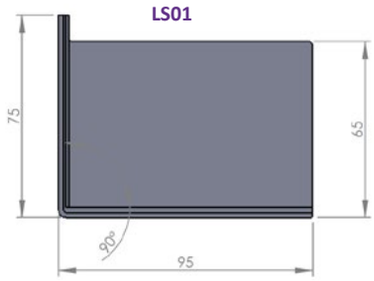
Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
385 PREFORMED DPC / CAVITY TRAY JUNCTION CLOAKS / STOPENDS

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park,
- Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Type(s) and location(s): Preformed Circular Cavity Tray to be positioned directly around external circular window features/lintels.
- Seal all laps with dpc and/or cavity trays using adhesive/mastic in accordance with manufacturers recommendations to ensure a fully watertight installation.
- Reference: SPB Bullseye Dpc Cavity Tray
- Diameter: Types & sizes as shown on drawings/window schedule.

Lintel Stopend

Profile to protect modern steel lintels



Use

- On steel lintels situated in external walls
- On external walls - not exceeding 102.5mm in thickness - built in standard brick, block or stone

Features and Benefits

- Purpose made and pre-formed to guarantee an accurate fit on most popular types of steel lintel
- Far more accurate and reliable than site-formed stopends, or than folding up the ends of the over-lintel DPC
- Factory fitted butyl mastic seal ensures a secure and watertight bond to the lintel

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Injection moulded in polypropylene
- Available in black only

Installation Advice

- Use wherever water could collect on an external lintel. Designed to prevent water running off the ends of the lintel and back into the cavity
- To work effectively lintel stopends should be placed directly on top of the front flange of the lintel, or over-lintel DPC, as close to the ends as the brick bonding will allow
- The area on the lintel where the lintel stopends are placed must be clean and dry otherwise the pre-applied butyl mastic tape will not seal correctly

Contact Timloc Technical department for installation guidance.

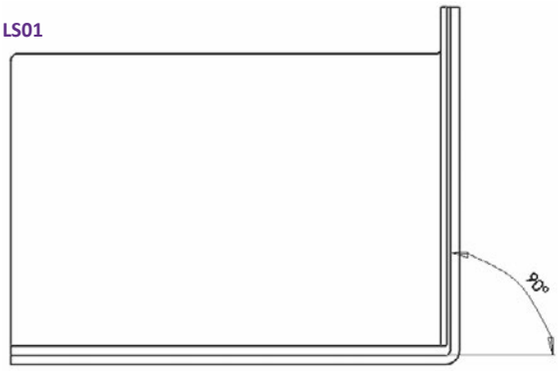
How to order

- Two stopends are required per lintel

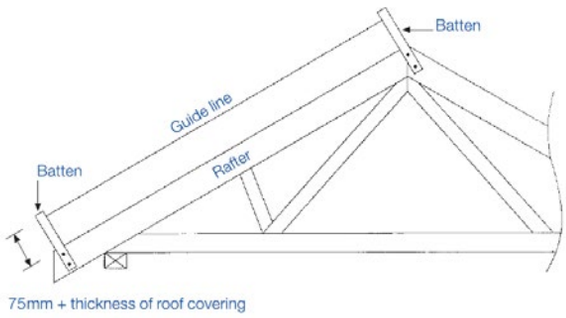
Product code

Description	Product code
Lintel stopend	LS01

LS01

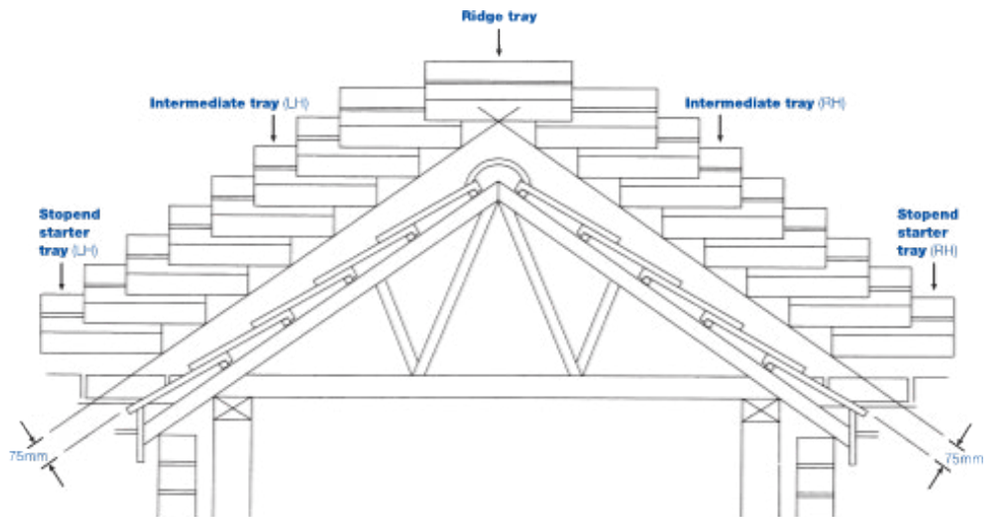


Technical Information & Installation Advice



- Cavity trays must always be bedded onto fresh mortar, never dry bedded. The masonry which is then laid over the cavity trays must also be bedded onto fresh mortar with the result that the base of the cavity tray is positioned approximately half way through the mortar joint

General impression of how a complete cavity tray system should be set out

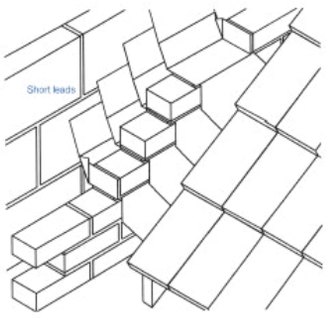


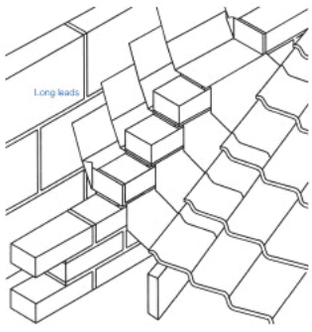
Lead Flashings

In most cases a cavity tray will be required to work in conjunction with a lead flashing at a roof/wall abutment. The cavity tray protects the inside of the outer leaf and the cavity and the lead flashing protects the face of the outer leaf and the junction between the roof covering and the wall.
The lead flashings associated with cavity trays can be dealt with in one of two ways. Either as a factory fitted integral part of the cavity tray or as an independent flashing fitted separately to the cavity tray. When specifying or installing cavity trays and lead flashings it is important to consider the following recommendations:

Leaded cavity trays with factory fitted integral flashings

- In the case of stepped cavity trays it is very important to specify the exact pitch of the roof. The lead flashings are accurately cut to suit the specified pitch and will look aesthetically incorrect if used on any other roof pitch
- All leaded cavity trays are available with a choice of 'long' or 'short' leads and it is important to specify which is preferred. The general rule is that long leads are used where the flashing is required to dress down over the surface of the roof covering and short leads are used in conjunction with a separate soaker or secret gutter detail. It is important to remember that this is just a general rule and many specifiers and end users have their own preferences as to how the flashings should be dressed. Timloc must be informed of any specific requirements





Technical Information & Installation Advice

Product Selection and Calculation of Quantities

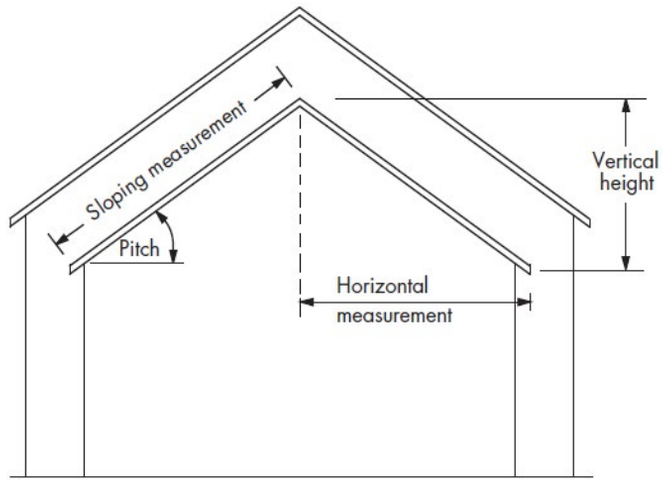
Timloc recommend that customers take advantage of the Technical Advisory Service which is freely available to all users and specifiers of Timloc products. The Technical Services Department will be pleased to advise on the most suitable products to meet the application and will prepare a fully itemised schedule of quantities.
Please provide as much information as possible, including drawings if they are available. All enquiries should include the following information as a minimum requirement:

- The materials used for construction of the outer leaf, i.e. brick, block or stone, including the bed thickness and course height
- The overall structural cavity width within the wall
- The type and thickness of any insulation material used within the wall cavity
- The pitch of the roof (in the case of pitched roof abutments)
- The type of roof covering or state whether long or short leads are required (in the case of leaded cavity trays)
- Clear dimensional information or accurate scale drawings relevant to the areas requiring cavity trays
- Comments with regard to the weather exposure of the site
- Any specific or non-standard requirements are to be clearly stated.

Calculating Quantities of Cavity Trays

Stepped cavity trays
Stepped cavity trays are used where a pitched roof abuts a cavity wall. To calculate the quantity of trays required to cover a section of roof abutment one of three measurements must be determined, either the vertical height or the sloping or horizontal length of the abutment. If the vertical height is measured, simply divide this distance by the coursing height of the material being used for construction.
E.g. If the vertical height is 1.5m and the wall is standard 75mm brick coursing (NB 75mm = 0.075m) the equation would be 1.5 0.075 = 20. Therefore 20 No. cavity trays are required per sloping abutment.
If the sloping or horizontal distance has been measured the tables shown below should be used to convert the distance (measured in metres) into the quantity of cavity trays. Take care to select the correct table and the appropriate column which relates to the coursing height and the pitch of the abutting roof.
E.g. If the sloping measurement is 2.5m, at a pitch of 30°, with a 75mm brick coursing height the equation would be 2.5 x 6.7 = 16.75. This would be rounded up, so 17 No. cavity trays are required.
E.g. If the horizontal measurement is 1.5m, at a pitch of 40°, with a 150mm stone coursing height the equation would be 1.5 x 5.6 = 8.4. This would be rounded down, so 8 No. cavity trays are required.

Horizontal cavity trays
Calculating the quantity of horizontal cavity trays required is reasonably straightforward. Simply measure the overall width of the abutting roof, or width of the area where cavity tray protection is required, and divide this measurement by the effective length of the cavity tray component which you have chosen to use. E.g. If you have an abutment 2.5m in width and you are using a 2005E horizontal tray, divide 2.5m by the effective length of the tray, which in this case is 440mm or 0.44m. This gives an answer of 5.68, which would be rounded up to 6 No.

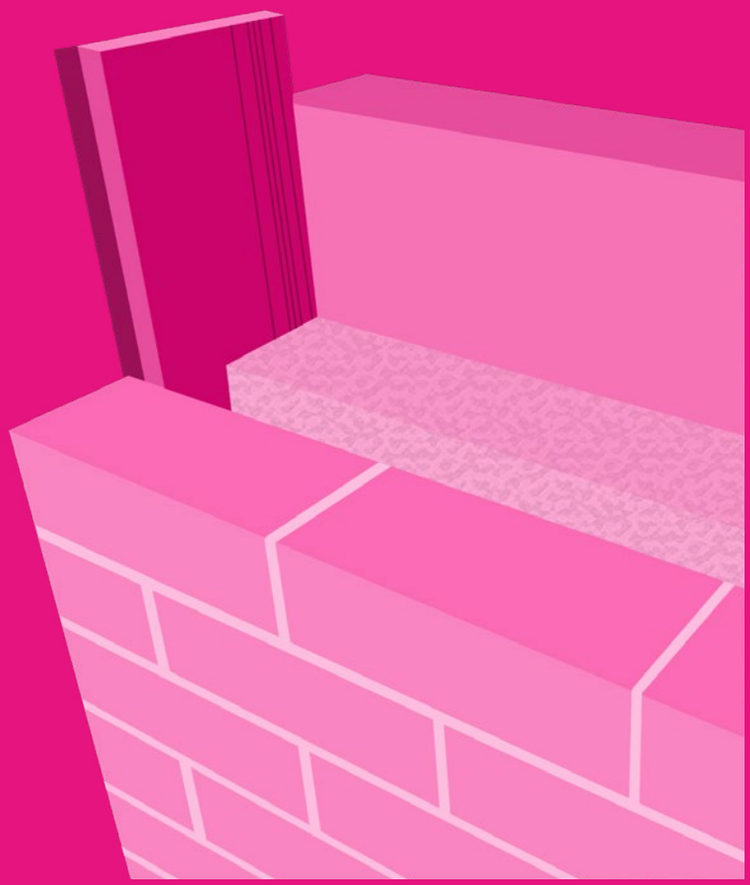


Stepped cavity trays sloping measurement

	Coursing height			
Roof pitch	**75mm brick**	**150mm stone**	**200mm block**	**225mm block**
10°	2.3	1.2	0.9	0.8
12.5°	2.9	1.4	1.1	1.0
15°	3.5	1.7	1.3	1.2
17.5°	4.0	2.0	1.5	1.3
20°	4.6	2.3	1.7	1.5
22.5°	5.1	2.6	1.9	1.7
25°	5.6	2.8	2.1	1.9
27.5°	6.2	3.1	2.3	2.1
30°	6.7	3.3	2.5	2.2
32.5°	7.2	3.6	2.7	2.4
35°	7.7	3.8	2.9	2.6
37.5°	8.1	4.1	3.0	2.7
40°	8.6	4.3	3.2	2.9
42.5°	9.0	4.5	3.4	3.0
45°	9.4	4.7	3.5	3.1

Stepped cavity trays horizontal measurement

	Coursing height			
Roof pitch	**75mm brick**	**150mm stone**	**200mm block**	**225mm block**
10°	2.4	1.2	0.9	0.8
12.5°	3.0	1.5	1.1	1.0
15°	3.6	1.8	1.3	1.2
17.5°	4.2	2.1	1.6	1.4
20°	4.9	2.4	1.8	1.6
22.5°	5.5	2.8	2.1	1.8
25°	6.2	3.1	2.3	2.1
27.5°	7.0	3.5	2.6	2.3
30°	7.7	3.9	2.9	2.6
32.5°	8.5	4.3	3.2	2.8
35°	9.3	4.7	3.5	3.1
37.5°	10.2	5.1	3.8	3.4
40°	11.2	5.6	4.2	3.7
42.5°	12.2	6.1	4.6	4.1
45°	13.3	6.7	5.0	4.4

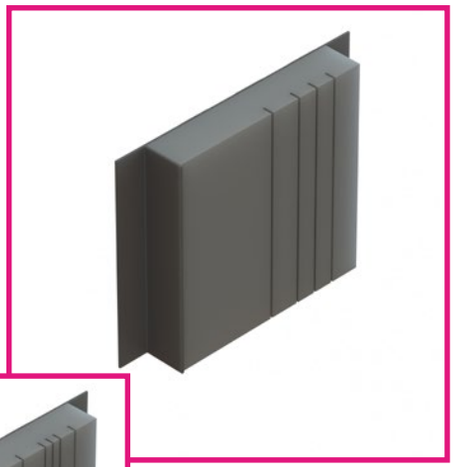


CAVITY CLOSERS, STOPS & BARRIERS

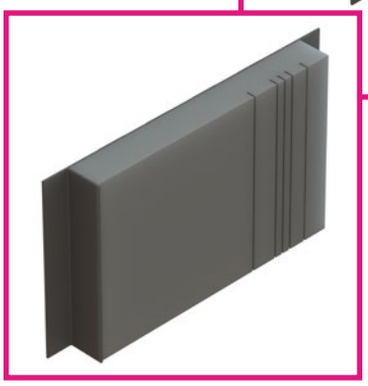
THERMO-LOC

Platinum Multi

Cavity closers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc Platinum Multi 100



Thermo-loc Platinum Multi 150

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- Suitable for cavities up to 150mm

Features and Benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.031W/mk
- Exceeds the minimum thermal resistance path of 0.45m2 K/W stipulated in accredited construction details
- Rigid profile extrusion allows second fix
- Durable and resistant to decay
- Simple on-site trimming to cope with 'rogue' cavity widths
- Global warming potential of less than 5
- Ozone depletion potential of zero

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, L1 & L2
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards
- Satisfies NHBC standards

Material and Colour Choice

- Rigid profile extruded in UPVC
- Platinum expanded Polystyrene insulation 0.031W/mk
- Multi 100mm & Multi 150mm cavities
- 2.4m lengths

Installation Advice

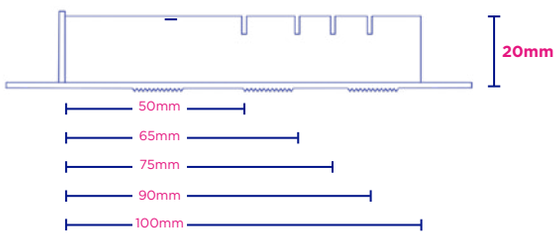
- The accredited construction detail published by DCLG require a minimum overlap of 30mm between the window frame and cavity closer
- Cut into required lengths allowing the jamb section to overlap the sill section by cutting away parts of the fixing flange and butt the underside of the lintel
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, alternatively the insulation can be trimmed to fit using a sharp knife
- Fixing nails to the flanges are recommended to ensure a secure fit

Technical Considerations

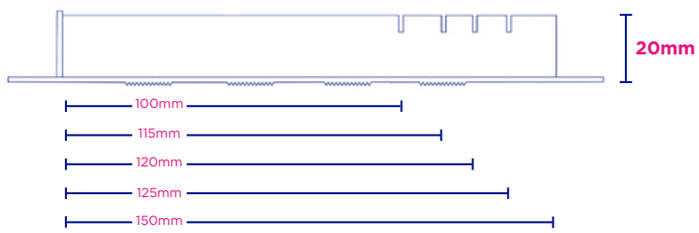
- BRE Document 'Thermal insulation: avoiding risks' stipulate "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated for zones Very Severe".
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and global warming potential of less than 5 and complies with BS EN 13163.

Product Dimensions

Standard Profile Multi 100 | 50mm - 100mm cavities



Standard Profile Multi 150 | 100mm - 150mm cavities



Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling window jambs and sills

Clause 180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567 W: www.timloc.co.uk
- Reference: eg. CC2.4PPS/Multi100 (Thermo-loc Platinum Multi, Expanded Polystyrene, 2.4m, multi cavity up to 100mm)

How to Order

- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity closer required, then order the correct number of individual 2.4 metre lengths so no joint pieces

Product Codes

Product Code	Description	Cavity Width	Length	Pack Quantity	Lead Time
CC2.4PPS/MULTI100	Thermo-loc Platinum Multi 50-100mm	50-100mm	2.4m	10	Next working day
CC2.4PPS/MULTI150	Thermo-loc Platinum Multi 100-150mm	100-150mm	2.4m	10	Next working day

THERMO-LOC

Platinum +

Cavity closers for eliminating damp and cold bridging around doors, windows and sills

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- Suitable for cavities up to 150mm

Features and Benefits

- Effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.031W/m²k
- Exceeds the minimum thermal resistance path of 0.45m2 K/W stipulated in accredited construction details
- Rigid profile extrusion allows second fix
- Durable and resistant to decay
- Simple on-site trimming to cope with 'rogue' cavity widths
- Global warming potential of less than 5
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange)

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, L1 & L2
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards
- Satisfies NHBC standards

Material and Colour Choice

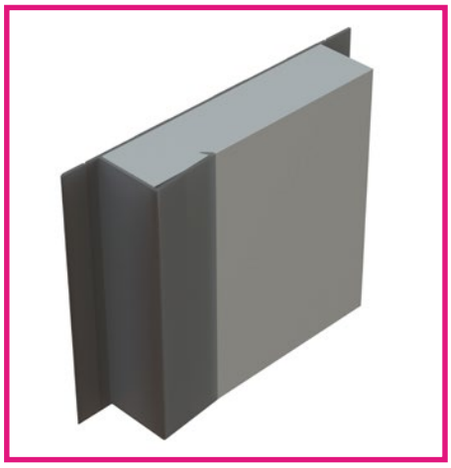
- Rigid profile extruded in UPVC
- Platinum expanded Polystyrene insulation 0.031W/mk
- Multi 100mm, Multi 100mm CR and fixed cavities
- 2.4m lengths

Installation Advice

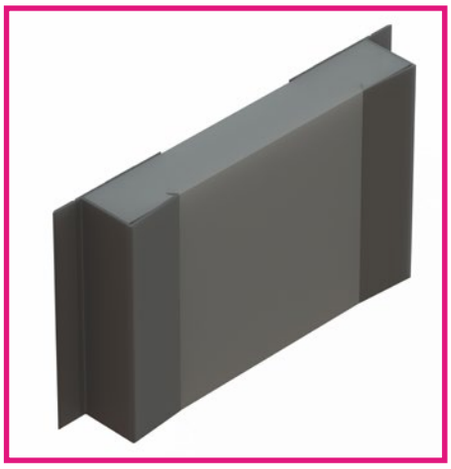
- The accredited construction detail published by DCLG require a minimum overlap of 30mm between the window frame and cavity closer
- Cut into required lengths allowing jamb section to overlap the sill section by cutting away parts of the fixing flange and to butt the underside of the lintel.
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, or alternatively the insulation can be trimmed to fit using a sharp knife
- Fixing nails to the flanges are recommended to ensure a secure fit
- Cavity insulation should butt tightly to the cavity closer

How to Order

- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed
- In jamb and sill applications, estimate the total length of cavity closer required and order the correct number of 2.4 metre lengths ensuring no joint pieces

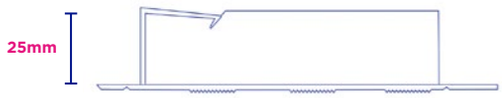


Thermo-loc Platinum + Single Profile



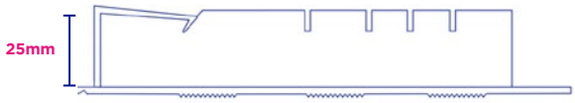
Thermo-loc Platinum + Double Profile

Single Profile | 50mm - 100mm cavities



Double Profile | 105mm - 150mm cavities

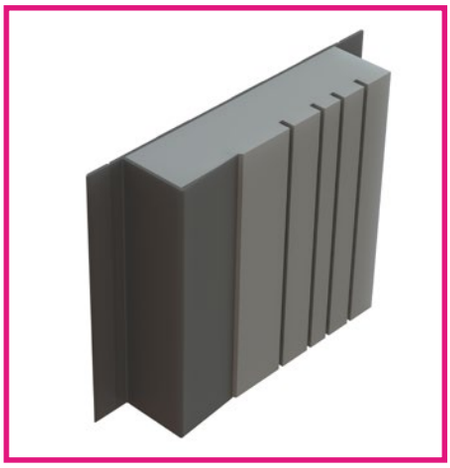
Multi | Check Reveal (single flange)



THERMO-LOC

Platinum +

Cavity closers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc Platinum + CR Multi

Technical Considerations

- BRE Document 'Thermal insulation: avoiding risks' stipulate "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals) for zones Very Severe"
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and global warming potential of less than 5 and complies with BS EN 13163.

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling window jambs and sills Clause 180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567 W: www.timloc.co.uk
- Reference: eg.PP2.4/50 (Thermo-loc Platinum Multi, Expanded Polystyrene, 2.4m, 50mm)

Product Codes

Thermo-loc Platinum +

Product code	Description	Cavity width	Length	Pack quantity	Lead time
PP2.4/50	Thermo-loc Platinum +	50mm	2.4m	10	Next working day
PP2.4/75	Thermo-loc Platinum +	75mm	2.4m	10	Next working day
PP2.4/90	Thermo-loc Platinum +	90mm	2.4m	10	Next working day
PP2.4/100	Thermo-loc Platinum +	100mm	2.4m	10	Next working day
PP2.4/100MULTI	Thermo-loc Platinum + Multi	50-100mm	2.4m	10	Next working day
PP2.4/120	Thermo-loc Platinum +	120mm	2.4m	10	Next working day
PP2.4/125	Thermo-loc Platinum +	125mm	2.4m	10	Next working day
PP2.4/130	Thermo-loc Platinum +	130mm	2.4m	10	Next working day
PP2.4/150	Thermo-loc Platinum +	150mm	2.4m	10	Next working day
PP2.4/CR100MULTI	Thermo-loc Platinum + CR Multi	50-100mm	2.4m	10	7-10 working days

THERMO-LOC

Platinum + FX

Universal closers for eliminating damp and cold bridging around doors, windows and sills

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- Suitable for cavities up to 150mm

Features and Benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.031W/mk
- Exceeds the minimum thermal resistance path of 0.45m2 K/W stipulated in accredited construction details
- Rigid profile extrusion allows first and second fix
- Durable and resistant to decay
- Simple on-site trimming to cope with 'rogue' cavity widths
- Global warming potential of less than 5
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange)

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, L1 & L2
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards
- Satisfies NHBC standards

Material and Colour Choice

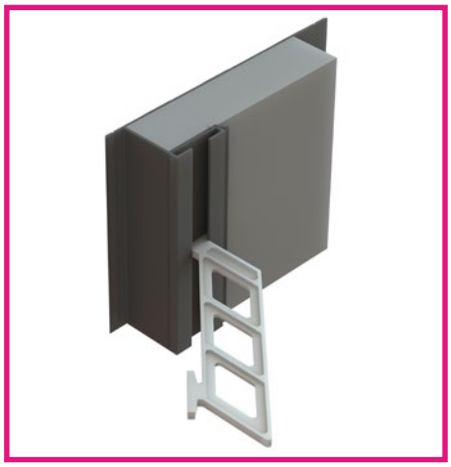
- Rigid profile extruded in UPVC
- Platinum expanded Polystyrene insulation 0.031W/mk
- Multi 100mm, Multi 100mm CR and fixed cavities
- 2.4m lengths

How to Order

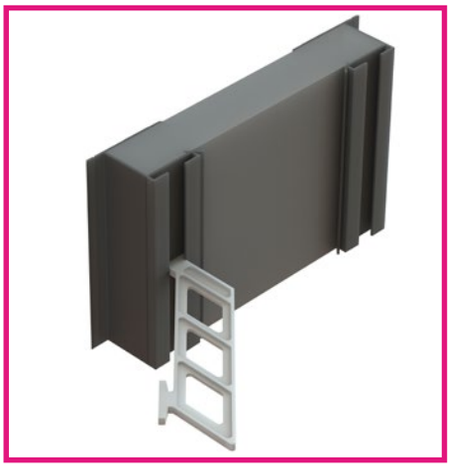
- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity closer required, then order the correct number of individual 2.4 metre lengths so no joint pieces

Installation Advice

- The accredited construction detail published by DCLG require a minimum overlap of 30mm between the window frame and cavity closer
- Cut the cavity closer into the required lengths allowing the jamb section to overlap the sill section by cutting away parts of the fixing flange and to butt the underside of the lintel
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, or alternatively the insulation can be trimmed to fit using a sharp knife
- Fixing nails to the flanges are recommended to ensure a secure fit
- Cavity insulation should butt tightly to the cavity closer

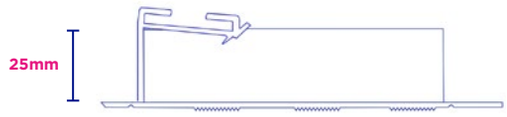


Thermo-loc Platinum+ FX Single Profile

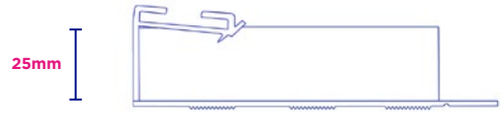


Thermo-loc Platinum+ FX Double Profile

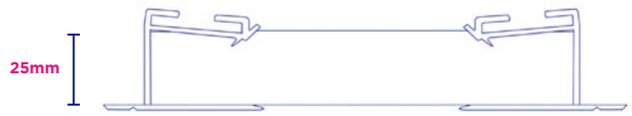
Single Profile | 50mm - 100mm cavities



Single Profile | Check Reveal (single flange)



Double Profile | 105mm - 150mm cavities

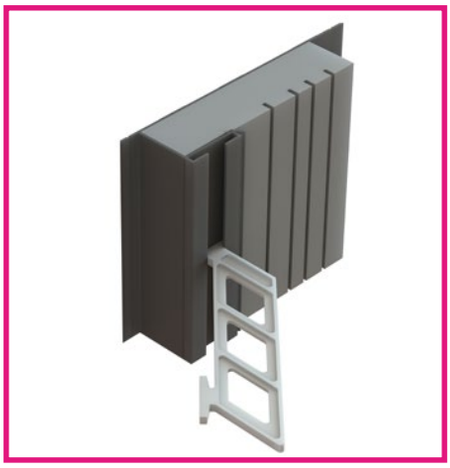


Double Profile | Check Reveal (single flange)

THERMO-LOC

Platinum + FX

Universal closers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc Platinum+ FX Multi

Technical Considerations

- BRE Document 'Thermal insulation: avoiding risks' stipulate "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals) for zones Very Severe"
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and global warming potential of less than 5 and complies with BS EN 13163.

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling window jambs and sills

Clause 180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567 W: www.timloc.co.uk
- Reference: eg.FX2.4/50 (Thermo-loc Platinum+ FX, Expanded Polystyrene, 2.4m, 50mm)

Product Codes

Thermo-loc Platinum + FX

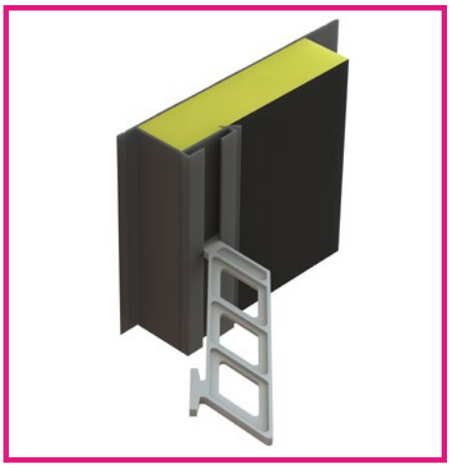
Product code	Description	Cavity width	Length	Pack quantity	Lead time
FX2.4/50	Thermo-loc Platinum + FX	50mm	2.4m	10	Next working day
FX2.4/75	Thermo-loc Platinum + FX	75mm	2.4m	10	Next working day
FX2.4/90	Thermo-loc Platinum + FX	90mm	2.4m	10	Next working day
FX2.4/100	Thermo-loc Platinum + FX	100mm	2.4m	10	Next working day
FX2.4/120	Thermo-loc Platinum + FX	120mm	2.4m	10	Next working day
FX2.4/125	Thermo-loc Platinum + FX	125mm	2.4m	10	Next working day
FX2.4/130	Thermo-loc Platinum + FX	130mm	2.4m	10	Next working day
FX2.4/150	Thermo-loc Platinum + FX	150mm	2.4m	10	Next working day
FX2.4/100MULTI	Thermo-loc Platinum + FX Multi	50-100mm	2.4m	10	Next working day
FX2.4/CR50	Thermo-loc Platinum + FX CR	50mm	2.4m	10	7-10 working days
FX2.4/CR100	Thermo-loc Platinum + FX CR	100mm	2.4m	10	7-10 working days
FX2.4/CR125	Thermo-loc Platinum + FX CR	125mm	2.4m	10	7-10 working days
FX2.4/CR150	Thermo-loc Platinum + FX CR	150mm	2.4m	10	7-10 working days
FX2.4/CR100MULTI	Thermo-loc Platinum + FX CR Multi	50-100mm	2.4m	10	7-10 working days
CCFIX	Fixing ties - 100 pack	-	-	100	Next working day

THERMO-LOC FR30

Cavity barriers for fully rebated / check reveals also available

30-minute fire rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills

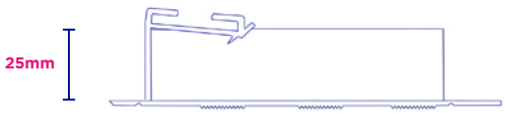


Thermo-loc FR30 Single Profile

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- 30 minutes fire rating and minimum 15 minutes insulation
- Suitable for cavities up to 300mm
- Suitable for timber and masonry walls

Single Profile | 50mm - 100mm cavities



Double Profile | 105mm - 300mm cavities

Features and Benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.036W/mK
- Exceeds the minimum thermal resistance path of 0.45m2K/W stipulated in 'Part L' accredited construction details
- Rigid profile extrusion allows both first and second fix
- Suitable for all frame and sill positions (see Fig.1)
- Durable and resistant to decay
- Insulation option to suit your requirements both thermal and fire rated
- Global warming potential of zero
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange)(see Fig. 2)

Fig.1 Flush jamb

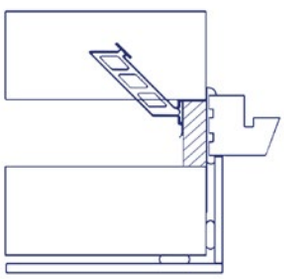
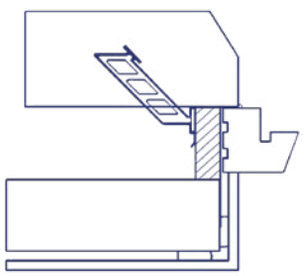
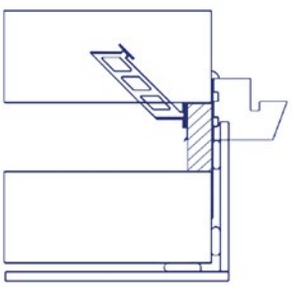


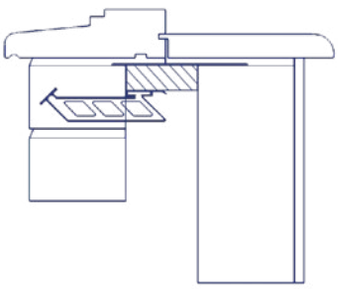
Fig.2 Fully rebated check reveal



Staggered jamb



Sill detail



Quality

- Independently tested by Warrington Fire
- LABC Registered Detail
- Satisfies NHBC Standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, B, L1 & L2
- Complies with 'Part L' accredited construction details
- Complies with the Scottish Building Standards 'Technical handbook'
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards

Material and Colour Choice

- Rigid profile extruded in grey UPVC
- Supplied in 2.4 metre lengths
- Standard cavity options available 50mm - 300mm
- Rockfibre mineral wool (FR) insulation 0.036W/mk

Installation Advice

- Can be used in both first and second fix applications
- Cut the cavity closer into required lengths allowing the jamb section to overlap the sill section and to butt the underside of the lintel
- In first fix application the cavity barrier should be nailed to the jamb/sill of the door or window frame and the whole assembly built in as work proceeds. Alternatively the barrier can be built in sections using fixing ties as work proceeds.
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, secure nail fixing is required.
- Joining 'off cut' sections should not be carried out for the FR range

THERMO-LOC

FR30

30-minute fire rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills

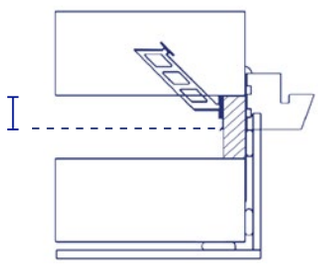
Thermo-loc FR30 Double Profile

How to Order

- Establish the cavity width and select the correct cavity closer width, or the next size up to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity barrier required, then order the correct number of individual 2.4 metre lengths so no joint pieces
- Fixing ties are available for secure fixing if required (particular attention around door openings). Allow for ties fitted at 450mm centres

Fig. 2

At least 30mm overlap to window frame



Technical Considerations

- BRE Document 'Thermal insulation: avoiding risks' and Robust Details stipulate: "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals for zones Very Severe'' (see Fig.2)
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They conform to the Montreal Protocol and have an ozone depletion potential of zero and global warming potential of zero.

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567, W: www.timloc.co.uk
- Reference: eg. CC2.4FR/75 (Thermo-loc FR30, 2.4m, 75mm cavity)
- Accessories: Fixing ties available, 6 No. per 2.4m cavity barrier.

Product Codes

Thermo-loc 30-minute fire-rated cavity barriers

Product code	Description	Cavity width	Length	Pack quantity	Lead time
CC2.4FR/50	Thermo-loc FR30	50mm	2.4m	10	Next working day
CC2.4FR/65	Thermo-loc FR30	65mm	2.4m	10	Next working day
CC2.4FR/75	Thermo-loc FR30	75mm	2.4m	10	Next working day
CC2.4FR/90	Thermo-loc FR30	90mm	2.4m	10	Next working day
CC2.4FR/100	Thermo-loc FR30	100mm	2.4m	5	Next working day
CC2.4FR/125	Thermo-loc FR30	125mm	2.4m	5	Next working day
CC2.4FR/150	Thermo-loc FR30	150mm	2.4m	3	Next working day
CC2.4FR/160	Thermo-loc FR30	160mm	2.4m	3	7-10 working days
CC2.4FR/170	Thermo-loc FR30	170mm	2.4m	3	7-10 working days
CC2.4FR/180	Thermo-loc FR30	180mm	2.4m	3	7-10 working days
CC2.4FR/190	Thermo-loc FR30	190mm	2.4m	3	7-10 working days
CC2.4FR/200	Thermo-loc FR30	200mm	2.4m	3	7-10 working days
CC2.4FR/210	Thermo-loc FR30	210mm	2.4m	3	7-10 working days
CC2.4FR/220	Thermo-loc FR30	220mm	2.4m	3	7-10 working days
CC2.4FR/230	Thermo-loc FR30	230mm	2.4m	3	7-10 working days
CC2.4FR/240	Thermo-loc FR30	240mm	2.4m	3	7-10 working days
CC2.4FR/250	Thermo-loc FR30	250mm	2.4m	3	7-10 working days
CC2.4FR/260	Thermo-loc FR30	260mm	2.4m	3	7-10 working days
CC2.4FR/270	Thermo-loc FR30	270mm	2.4m	3	7-10 working days
CC2.4FR/280	Thermo-loc FR30	280mm	2.4m	3	7-10 working days
CC2.4FR/290	Thermo-loc FR30	290mm	2.4m	3	7-10 working days
CC2.4FR/300	Thermo-loc FR30	300mm	2.4m	3	7-10 working days
CCFIX	Fixing ties - 100 pack	-	-	100	Next working day

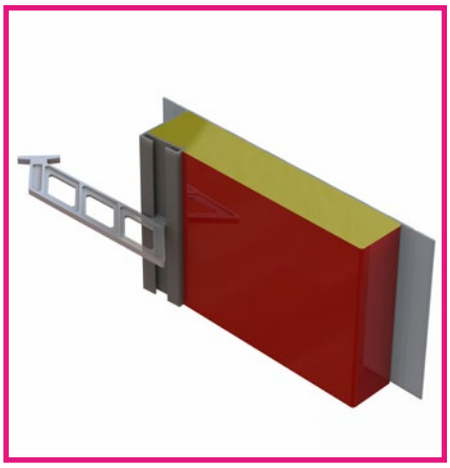
NB. Non standard cavity size to special order

THERMO-LOC

FR60

60-minute fire-rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc FR60 100mm Profile

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- 60 minutes fire rating and minimum 15 minutes insulation
- Suitable for cavities up to 150mm
- Suitable for timber and masonry walls

Features and Benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.036W/mK
- Exceeds the minimum thermal resistance path of 0.45m2K/W stipulated in 'Part L' accredited construction details
- Rigid profile extrusion allows both first and second fix
- Suitable for all frame and sill positions (see Fig.1)
- Durable and resistant to decay
- Insulation option to suit your requirements both thermal and fire rated
- Global warming potential of zero
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange) (see Fig.2)

Quality

- Independently tested by Warrington Fire
- LABC Registered Detail
- Satisfies NHBC Standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, B, L1 & L2
- Complies with 'Part L' accredited construction details
- Complies with the Scottish Building Standards 'Technical handbook'
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards

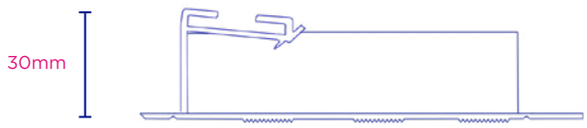
Material and Colour Choice

- Rigid profile extruded in grey UPVC
- Supplied in 2.4 metre lengths
- Standard cavity options available 50mm - 150mm
- Rockfibre mineral wool (FR) insulation 0.036W/mk

Installation Advice

- Can be used in both first and second fix applications
- Cut the cavity closer into required lengths allowing the jamb section to overlap the sill section and to butt the underside of the lintel
- In first fix application the cavity barrier should be nailed to the jamb/sill of the door or window frame and the whole assembly built in as work proceeds. Alternatively the barrier can be built in sections using fixing ties as work proceeds.
- For second fix applications, the cavity barrier is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, secure nail fixing is required.
- Joining 'off cut' sections should not be carried out for the FR range

Single Profile | 50mm - 100mm cavities



Single Profile | 105mm - 150mm cavities

Fig.1 Flush jamb

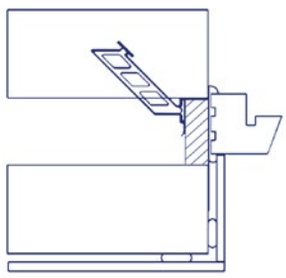
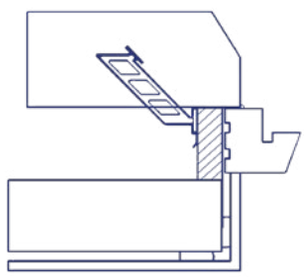
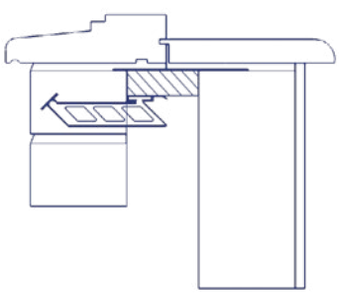


Fig.2 Fully rebated check reveal



Cavity barriers for fully rebated / check reveals also available

Sill detail

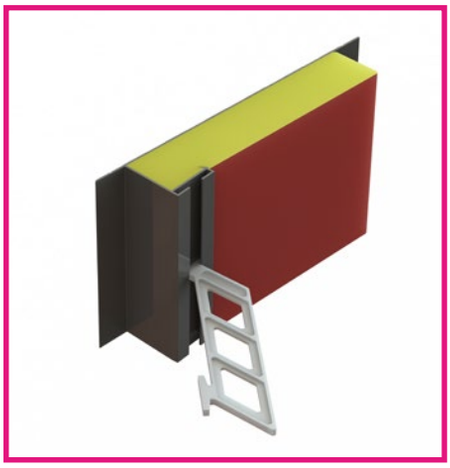


THERMO-LOC

FR60

60-minute fire-rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc FR60 150mm Profile

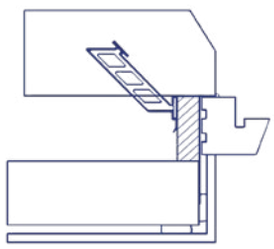
How to Order

- Establish the cavity width and select the correct cavity barrier width, or the next size up to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity barrier required, then order the correct number of individual 2.4 metre lengths so limiting joint pieces
- Fixing ties are available for secure fixing if required (particular attention around door openings). Allow for ties fitted at 450mm centres

Technical Considerations

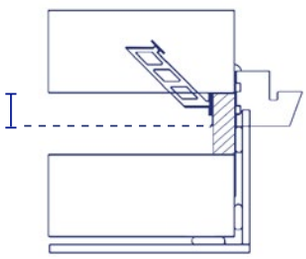
- BRE Document 'Thermal insulation: avoiding risks' and Robust Details stipulate: "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals for zones Very Severe'' (see Fig.2)
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They conform to the Montreal Protocol and have an ozone depletion potential of zero and global warming potential of zero.

Fig. 2
Fully rebated (check reveal)



Staggered jamb

At least 30mm overlap to window frame



Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567, W: www.timloc.co.uk
- Reference: eg. FR60/50 (Thermo-loc FR60, 2.4m, 50mm cavity)
- Accessories: Fixing ties available, 6 No. per 2.4m cavity barrier.

Product Codes

Thermo-loc 60-minute fire-rated cavity barriers

Product code	Description	Cavity width	Length	Pack quantity	Lead time
FR60/50	Thermo-loc FR60	50mm	2.4m	5	Next working day
FR60/65	Thermo-loc FR60	65mm	2.4m	5	7-10 working days
FR60/75	Thermo-loc FR60	75mm	2.4m	5	7-10 working days
FR60/90	Thermo-loc FR60	90mm	2.4m	5	7-10 working days
FR60/100	Thermo-loc FR60	100mm	2.4m	5	Next working day
FR60/125	Thermo-loc FR60	125mm	2.4m	5	Next working day
FR60/150	Thermo-loc FR60	150mm	2.4m	5	Next working day
FR60/CR50	Thermo-loc FR60 CR	50mm	2.4m	5	7-10 working days
FR60/CR65	Thermo-loc FR60 CR	65mm	2.4m	5	7-10 working days
FR60/CR75	Thermo-loc FR60 CR	75mm	2.4m	5	7-10 working days
FR60/CR90	Thermo-loc FR60 CR	90mm	2.4m	5	7-10 working days
FR60/CR100	Thermo-loc FR60 CR	100mm	2.4m	5	7-10 working days
FR60/CR125	Thermo-loc FR60 CR	125mm	2.4m	5	7-10 working days
FR60/CR150	Thermo-loc FR60 CR	150mm	2.4m	5	7-10 working days
CCFIX	Fixing ties - 100 pack	-	-	100	Next working day

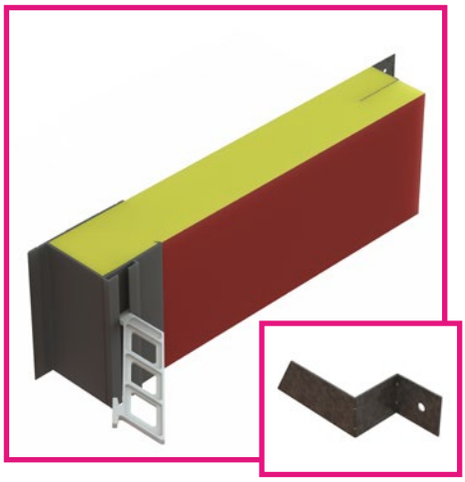
NB. Non standard cavity size to special order

THERMO-LOC

FR60 150+

60-minute fire-rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills for cavities over 150mm up to 300mm



Thermo-loc FR60 150+ Profile and Fixing Flange

Use

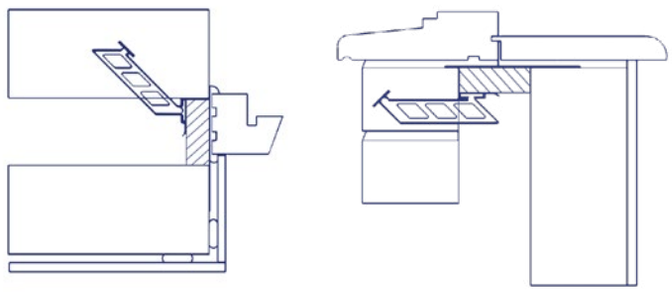
- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- 60 minutes fire rating and minimum 15 minutes insulation
- Suitable for cavities over 150mm up to 300mm
- Suitable for timber and masonry walls

FR60 150+ | Over 150mm up to 300mm cavities

Features and Benefits

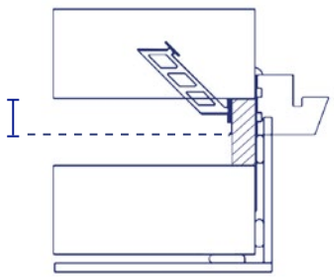
- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.034W/m²K
- Exceeds the minimum thermal resistance path of 0.45m²K/W stipulated in 'Part L' accredited construction details
- Rigid profile extrusion allows both first and second fix
- Suitable for flush jambs and sill positions (see Fig.1)
- Durable and resistant to decay
- Insulation option to suit your requirements both thermal and fire rated
- Global warming potential of zero
- Ozone depletion potential of zero

Fig.1 **Flush jamb** **Sill detail**



Staggered jamb

At least 30mm overlap to window frame



Quality

- Independently tested by Warrington Fire
- LABC Registered Detail
- Satisfies NHBC Standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, B, L1 & L2
- Complies with 'Part L' accredited construction details
- Complies with the Scottish Building Standards 'Technical handbook'
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards

Material and Colour Choice

- Rigid profile extruded in grey UPVC
- Supplied in 2.4 metre lengths
- 50mm Rockfibre mineral wool (FR) insulation 0.034W/m²K
- Polyethylene bag encapsulates insulation for moisture protection

Installation Advice

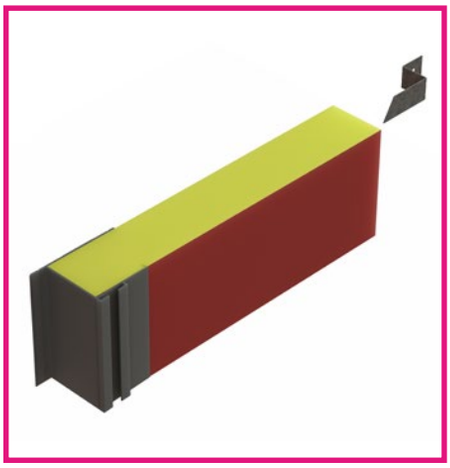
- Can be used in both first and second fix applications
- Cut the cavity closer into required lengths allowing the jamb section to overlap the sill section and to butt the underside of the lintel
- Fit the 4 metal fixing flanges 100mm from each end and 100mm from the centre line. Ensure 2 fixing flanges per insulation slab section.
- In first fix application the cavity barrier should be nailed to the jamb/sill of the door or window frame and the whole assembly built in as work proceeds. Alternatively the barrier can be built in sections using fixing ties as work proceeds.
- For second fix applications, the cavity barrier is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, secure nail fixing is required.
- Joining 'off cut' sections should be minimised for the FR range.

THERMO-LOC

FR60 150+

60-minute fire rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills for cavities over 150mm up to 300mm

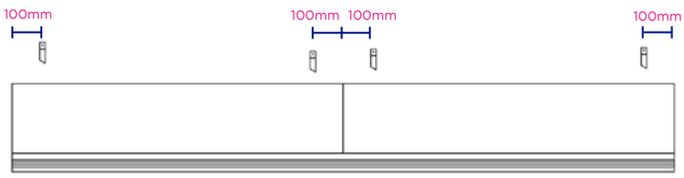


Thermo-loc FR60 150+ Profile and Fixing Flange

How to Order

- Establish the cavity width and select the correct cavity barrier width, or the next size up to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity barrier required, then order the correct number of individual 2.4 metre lengths so limiting joint pieces
- Fixing ties are available for secure fixing if required (particular attention around door openings). Allow for ties fitted at 450mm centres
- Supplied with 4 metal fixing flanges that must be slotted into place.

FR60 150+ fixing flanges installation



Technical Considerations

- BRE Document 'Thermal insulation: avoiding risks' and Robust Details stipulate: "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated check reveals for zones Very Severe''.
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They conform to the Montreal Protocol and have an ozone depletion potential of zero and global warming potential of zero.

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567, W: www.timloc.co.uk
- Reference: eg. FR60/200 (Thermo-loc FR60 150+, 2.4m, 200mm cavity)
- Accessories: Fixing ties available, 6 No. per 2.4m cavity barrier.

Product Codes

Thermo-loc 60-minute fire-rated cavity barriers

Product code	Description	Cavity width	Length	Pack quantity	Lead time
FR60/175	Thermo-loc FR60 150+	175mm	2.4m	2	7-10 working days
FR60/200	Thermo-loc FR60 150+	200mm	2.4m	2	7-10 working days
FR60/225	Thermo-loc FR60 150+	225mm	2.4m	2	7-10 working days
FR60/250	Thermo-loc FR60 150+	250mm	2.4m	2	7-10 working days
FR60/275	Thermo-loc FR60 150+	275mm	2.4m	2	7-10 working days
FR60/300	Thermo-loc FR60 150+	300mm	2.4m	2	7-10 working days
3322*	Fixing flange - 4 pack	-	50mm	4	Next working day
CCFIX	Fixing ties - 100 pack	-	-	100	Next working day

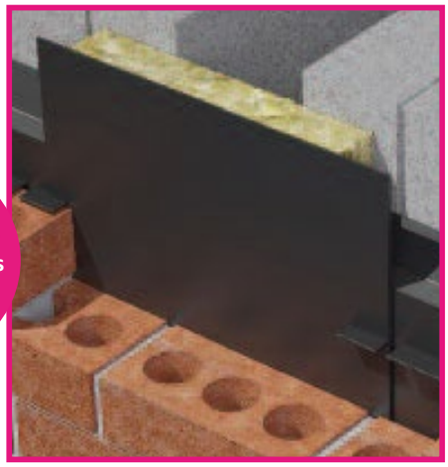
***1 pack supplied per length of Thermo-loc FR60 150+ cavity closer profile**

THERMO-LOC

Vertical Cavity Barrier

Fire-rated acoustic cavity barrier and DPC

Also available to suit cavity widths of up to 300mm



Use

- Effectively reduces the transmission of flanking noise at party wall and external wall junctions
- As a fire stop with integrated DPC

Features and Benefits

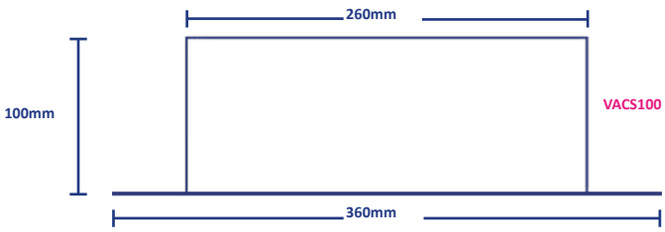
- The Thermo-loc vertical cavity barrier has been developed to offer vertical protection in minimising flanking noise transmission along the cavity of an external cavity wall at the intersection of a party wall. The product also operates fully as an effective fire barrier and in conjunction with the polythene DPC has no risk of water penetration.
- Where a party wall meets the cavity wall, Building Regulations stipulate the use of a mineral wool closer for sound insulation purposes. The NHBC requires that any such closer is protected by a suitable DPC. The product has been developed to meet these requirements.
- Complies with Building Regulations Part E & B
- Excellent sound insulation properties
- As a fire stop achieves 4 hours (240 minutes) fire integrity to BS 476 Part 20:1987
- Cavity options available
- Self supported by compression fit
- Easily installed

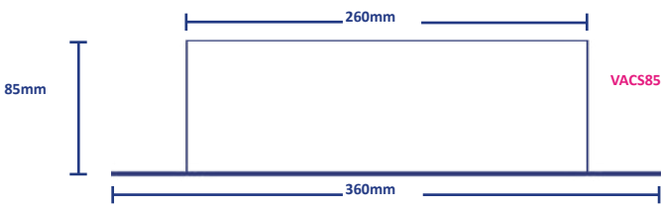
Quality

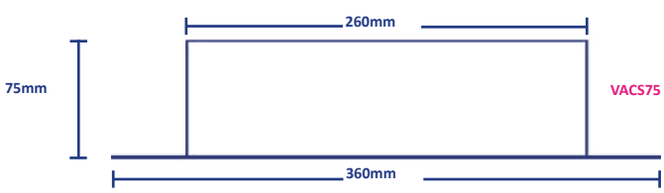
- Satisfies all NHBC requirements
- Complies with Building Regulations Part E 'Resistance to the passage of sound'
- Complies with Building Regulations Part B 'Internal fire spread (structure)'
- Complies with Robust Details

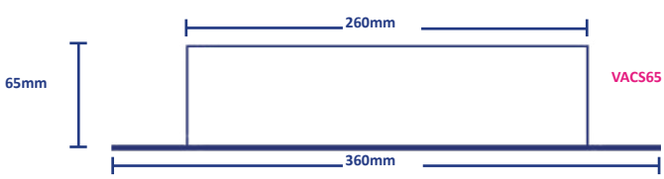
Material and Colour Choice

- Manufactured with BS6515 Polythene DPC
- Supplied in 1.2 metre lengths
- Cavity options available
- Rockfibre insulation slab
- 260mm width insulation





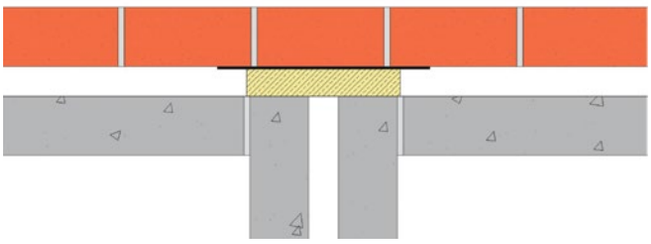




THERMO-LOC

Vertical Cavity Barrier

Fire-rated acoustic cavity barrier and DPC



Junction between external cavity wall and party wall

Installation Advice

- Installation must follow good practice for the detailing of damp proof courses, as set out in the relevant clauses of BS 5628: Part 3, BS 8215 and BS 8000: Part 3.
- The product should be built in as brickwork/block work proceeds.
- The DPC projects beyond the insulation by 50mm on each side and should be installed to compress against the inside face of the outer leaf.
- Supplied in 1.2mtr lengths of insulation with an additional 100mm overlap of DPC and to cavity size required. Units easily cut on site for detailing.
- Where more than one length is required, joining lengths is by simply butt jointing together. The upper piece must be installed with the 100mm DPC extension at the bottom, lapping to the outside of the lower piece ensuring a tight butt joint of the insulation.
- Vertical protection is given without breaks at floor level
- Due to the flexible nature of the rockfibre insulation some local delaminating may occur during site handling or installation.
- This does not detract from the performance of the product.

Product Codes

Thermo-loc vertical cavity barrier

Product code	To suit cavity size	Length	Dimensions
VACS50	50mm cavity	1.2m	360 x 260 x 50mm
VACS65	65mm cavity	1.2m	360 x 260 x 65mm
VACS75	75mm cavity	1.2m	360 x 260 x 75mm
VACS85	85mm cavity	1.2m	360 x 260 x 85mm
VACS100	100mm cavity	1.2m	360 x 260 x 100mm
VACS125	125mm cavity	1.2m	360 x 260 x 125mm

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567, W: www.timloc.co.uk
- Type(s) and location(s): Fire-rated acoustic cavity barrier & dpc to be installed vertically as work proceeds. Position vertically where a party wall meets the cavity wall, supplied in 1.2 mtr lengths and butt jointed.
- Reference: VACS Range
- Options:

VACS50 – 50mm cavity
VACS65 – 65mm cavity
VACS75 – 75mm cavity
VACS85 – 85mm cavity
VACS100 – 100mm cavity

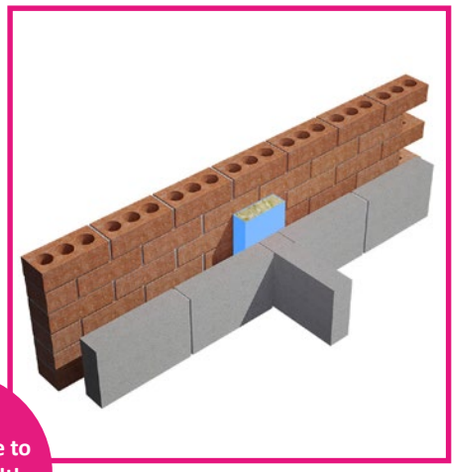
THERMO-LOC

FRSTOP

Fire-Rated Cavity Stop Sock

Fire-rated thermal and acoustic cavity stop sock

Boxed in smaller quantities for convenience



Also available to suit cavity widths of up to 300mm

Use

- To restrict the spread of flames within external masonry
- To further minimise the effect of flanking noise pollution at wall junctions

Features and Benefits

- FRstop cavity stop socks are lengths of low resin, non-combustible, rockfibre mineral wool sleeved in 35 micron polythene for on-site weather protection
- 1 hour fire integrity and minimum 15 minute insulation
- Polythene encapsulated cavity stop sock
- Available in standard widths of 50, 75, 85, 90, 100, 115, 125 and 150mm
- Also available to suit cavity widths of up to 300mm
- Special cavity widths are available on request up to 300mm
- Meets the requirements of the Robust Detail, Approved Document B and NHBC Standards
- Boxed in smaller quantities for convenience

Quality

- Satisfies all NHBC requirements
- Complies with all relevant Building Regulations
- Meets all relevant British Standards
- LABC regstered detail
- Independently tested to BS EN 1366-4:2006 +A1:2010

Material and Colour Choice

- Manufactured using Rockfibre mineral wool
- Rockfibre uses no CFC's, HCFC's in the manufacturing process
- Thermal conductivity of Rockfibre insulation 0.037w/mK

Installation Advice

- FRstop is designed to friction fit within the cavity and is easily installed both vertically and horizontally into the cavity during construction. Care should be taken to ensure butt joints are closely fitted and the cavity sock fully fills the cavity.
- This method should be incorporated with a preformed horizontal cavity tray (refer to Technical Department for appropriate type) and proprietary wall weep vents (1143) at 900mm centres to prevent water ingress from bridging the cavity.

How to Order

- To calculate quantities divide the overall length of the required cavity wall run by 1.2m, allow an additional unit for each corner for cutting. Always round up to the next whole number
- Determine and stipulate the cavity width that FRstop needs to suit

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567 W: www.timloc.co.uk
- Types(s) and location(s): FRstop - thermal and acoustic fire stops to be installed vertically and horizontally as work proceeds. Position where a party wall meets the cavity wall or at floor levels, supplied in 1.2m lengths and butt jointed.
- Reference: FRstop

Product Codes

Product Code	To Suit Cavity Width	Dimensions	Fire Integrity	Pack Quantity	Lead Time
FRSTOP50	50mm	65 x 65 x 1200mm	1 hour	20	Next working day
FRSTOP75	75mm	85 x 85 x 1200mm	1 hour	14	Next working day
FRSTOP85	85mm	100 x 85 x 1200mm	1 hour	12	Next working day
FRSTOP90	90mm	100 x 85 x 1200mm	1 hour	12	Next working day
FRSTOP100	100mm	110 x 100 x 1200mm	1 hour	10	Next working day
FRSTOP115	115mm	130 x 100 x 1200mm	1 hour	10	Next working day
FRSTOP125	125mm	140 x 100 x 1200mm	1 hour	8	Next working day
FRSTOP150	150mm	160 x 120 x 1200mm	1 hour	6	Next working day

NB. Non standard cavity sizes up to 300mm are available to special order

THERMO-LOC

FRSTOP

Fire-Rated Cavity Stop Sock for Timber Frame Construction

Fire-rated thermal and acoustic cavity stop sock

Boxed in smaller quantities for convenience

Also available to suit cavity widths of up to 300mm

Use

- To restrict the spread of flames within external masonry
- To further minimise the effect of flanking noise pollution at wall junctions

Features and Benefits

- FRstop cavity stop socks are lengths of low resin, non-combustible, rockfibre mineral wool, sleeved in 35 micron polythene for on-site weather protection
- 1 hour fire integrity and minimunm 15 minute insulation
- Polythene encapsulated cavity stop sock
- Available in standard widths of 50, 75, 100, 125 and 150mm
- Special cavity widths are available on request up to 300mm
- Meets the requirements of the Robust Detail, Approved Document B and NHBC Standards
- Flanged stopsock for timber frame applications
- Boxed in smaller quantities for convenience

Quality

- Satisfies all NHBC requirements
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured using Rockfibre mineral wool
- Rockfibre uses no CFC's, HCFC's in the manufacturing process
- Thermal conductivity of Rockfibre insulation 0.037w/mK

Installation Advice

- FRstop must be compressed and friction fit with timber frame and fixed through flange. For vertical applications both flanges are fixed to timber frame. For horizontal applications only the top flange should be fixed. Fix flanges using clout nails at 150mm centres.
- The plastic coating only offers weather resistance and offers no application performance. Any joints should be tightly butted together with no gaps. The stop sock must fill the whole cavity width and cavity insulation worked around.

How to Order

- To calculate quantities divide the overall length of the required cavity wall run by 1.2m, allow an additional unit for each corner for cutting. Always round up to the next whole number
- Determine and stipulate the cavity width that the FRstop needs to suit

NB.
Fire integrity performance is for FRstop only. Timloc Building Products advise performance criteria is agreed with timber frame manufacturer.

Bill of Quantity

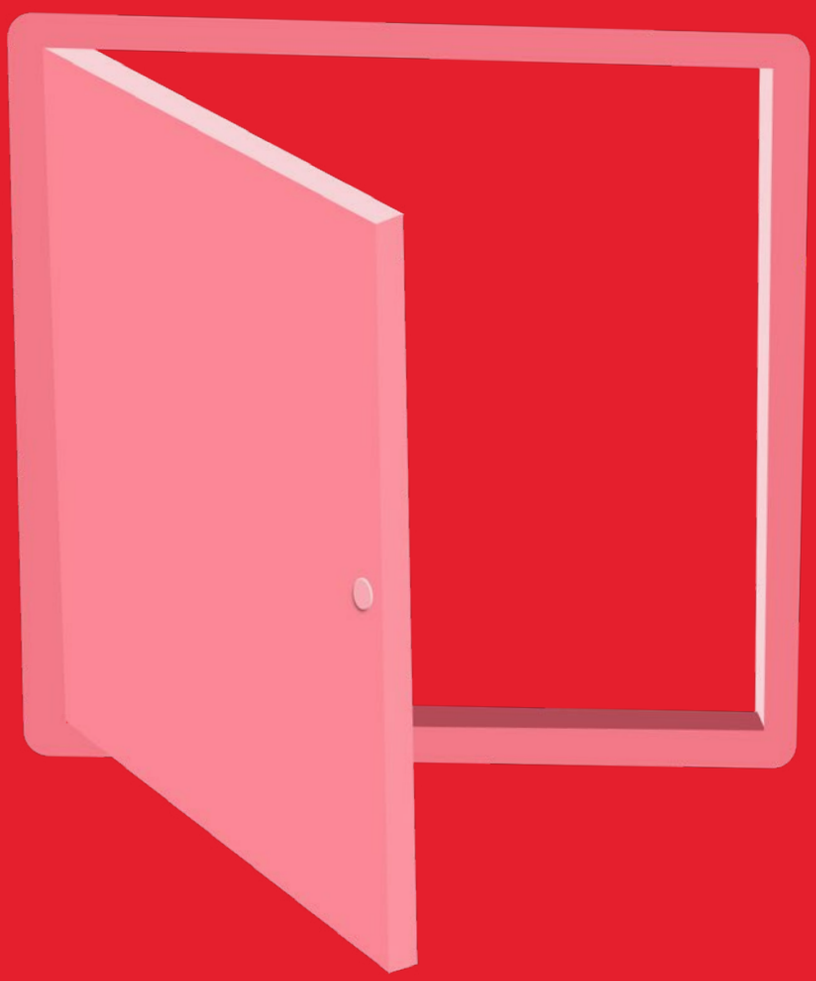
F30 Accessories/sundry items for brick/block/stone walling
Clause
370 PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567 W: www.timloc.co.uk
- Types(s) and location(s): FRstop - thermal and acoustic fire stops to be installed vertically and horizontally as work proceeds. Position where a party wall meets the cavity wall or at floor levels, supplied in 1.2m lengths and butt jointed.
- Reference: FRstop

Product Codes

Product Code	To Suit Cavity Width	Dimensions	Fire Integrity	Pack Quantity	Lead Time
TIMFRSTOP50	50mm	65 x 65 x 1200mm	1 hour	20	Next working day
TIMFRSTOP75	75mm	85 x 85 x 1200mm	1 hour	14	Next working day
TIMFRSTOP85	85mm	100 x 85 x 1200mm	1 hour	12	Next working day
TIMFRSTOP90	90mm	100 x 85 x 1200mm	1 hour	12	Next working day
TIMFRSTOP100	100mm	110 x 100 x 1200mm	1 hour	10	Next working day
TIMFRSTOP115	115mm	130 x 100 x 1200mm	1 hour	10	Next working day
TIMFRSTOP125	125mm	140 x 100 x 1200mm	1 hour	8	Next working day
TIMFRSTOP150	150mm	160 x 120 x 1200mm	1 hour	6	Next working day

NB. Non standard cavity sizes up to 300mm are available to special order



ACCESS PRODUCTS

1168 Plastic Push-up Loft Access Door

Easy to install for loft access

Replacement parts available

P. 137

Use

- To provide simple, easy access through ceiling into the loft space

Features and Benefits

- Purpose made product saves time and money compared with traditional joiner-made timber loft access doors
- Standard and higher U value insulation performances available
- Excellent aesthetic appearance
- Factory finished and ready to fit straight from the box
- Insulated door panel
- Incorporates integral draught/vapour seal
- Incorporates two twist operated catches to secure the door panel and prevent uplift
- Maintenance free, no need to paint
- Acoustic performance of 30dB

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Reg. document L1A & L2A (2013 Edition)
- Meets all relevant British Standards

Material and Colour Choice

- The frame is a one piece injection moulding in polypropylene
- The door panel is a one piece injection moulding in polypropylene
- Insulation is CFC free expanded polystyrene foam
- Door and frame available in white only RAL 9010
- Loft door pole operating pole manufactured from black reinforced plastic

Installation Advice

- The product is designed to fit between 38mm thick trussed rafters or ceiling joists spaced at 600mm centres which provide a clear joist opening width of 562mm
- If the roof design does not provide this joist opening width, a suitable opening must be formed
- Trimmers must be installed across the ends of the frame. These should be spaced to give a clear opening length of 665mm
- Frame fixes with ten screws, three through each side & two through each end
- Fit the loft access door after the ceiling has been plaster boarded & skimmed
- The frame must be a good fit into the trimmed opening. Never force it into an opening that is too small. If the opening is too large use packers to ensure a good fit
- See P.63 for further Technical information

Bill of Quantity

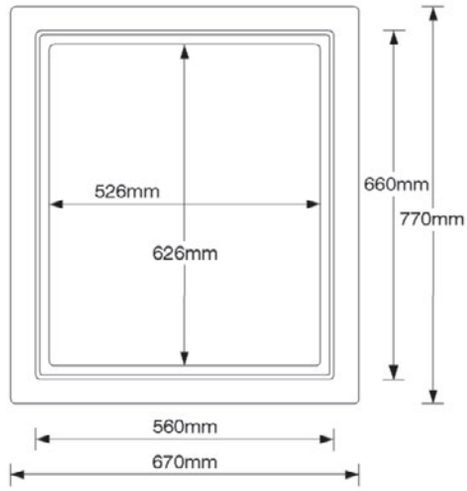
L20 Doors/Shutters/Hatches
Clause
360^ | HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Type: Push-up Loft Door 562mm x 662mm joist opening
- Specification: Insulated and draught stripped
- Colour: Textured white Polypropylene

Technical Considerations

- Timloc loft doors comply with Building Regulations; 'THE BUILDING REGULATIONS 'Conservation of fuel and power' APPROVED DOCUMENT L1A & L2A (2013 Edition)
- The Timloc loft access door demonstrates full compliance with the Building Regulation Part L1A & L2A while fully complying with BS5250:2011 the Code of Practice for control of condensation in buildings
- Timloc loft access doors contain polystyrene insulation with a Thermal Conductivity of 0.038W/mK. For this reason a correction U value of 0.004W/m2k should be calculated to the proposed U value figures for a ceiling
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and Global Warming Potential of less than 5

Product Dimensions



Product Codes

Description	Frame Fitting Size	Clear Opening Size	Insulation U-value	Product Code
1168 Plastic Push-Up Loft Access Door - 0.82 U-value	562 x 665mm	526 x 626mm	0.82 W/m2k	1168
1168 Plastic Push-Up Loft Access Door - 0.35 U-value	562 x 665mm	526 x 626mm	0.35 W/m2k	1168/35
1168 Plastic Push-Up Loft Access Door - 0.25 U-value	562 x 665mm	526 x 626mm	0.25 W/m2k	1168/25
Loft Door Operating Pole - 0.5m (for 1168 & 1169 only)	N/A	N/A	N/A	1170

1169 Plastic Hinged Drop Down Loft Access Door

Hinged loft doors with lockable options

Replacement parts available
P. 137

Use

- To provide simple, easy access through a ceiling into the loft space

Features and Benefits

- *Air permeability measured at 50Pa as 0.00m3 (h.m2) under positive pressure test conditions
- Purpose made product saves time and money compared with traditional joiner-made timber loft access doors
- Independently air leakage tested by BRE
- Excellent aesthetic appearance
- Factory finished and ready to fit straight from the box
- Insulated door panel with integral draught/vapour seal
- Maintenance free, no need to paint
- Hinged design allows use of a telescopic loft ladder
- Acoustic performance of 30dB
- Secure key operated lock option available

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Reg. document L1A & L2A (2013 Edition)
- Meets all relevant British Standards

Material and Colour Choice

- The door and frame are one piece injection moulded polypropylene
- Insulation is CFC free expanded polystyrene foam
- Door and frame available in white only RAL 9010
- Loft door pole operating pole manufactured from black reinforced plastic

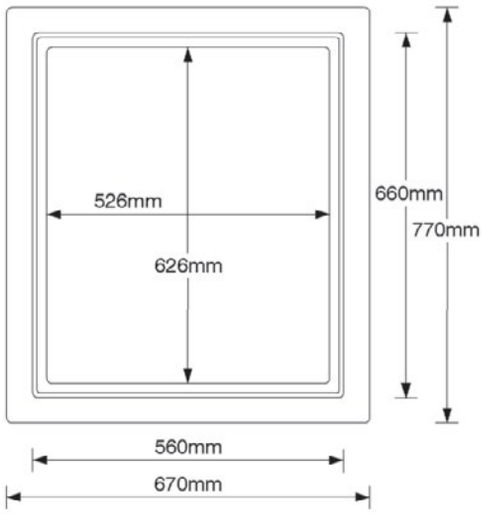
Installation Advice

- This product is designed to fit between 38mm thick trussed rafters or ceiling joists spaced at 600mm centres to provide a clear joist opening width of 562mm
- If the roof design does not provide this joist opening width, a suitable opening must be formed
- Trimmers must be installed across the ends of the frame. These must be spaced to give a clear opening length of 662mm
- Frame fixes with ten screws, three through each side and two through each end
- Fit the loft access door after the ceiling has been plaster boarded and skimmed
- The frame must be a good fit into the trimmed opening. Never try to force it into an opening that is too small. If the opening is too large use packers to ensure a good fit

Technical Considerations

- Timloc loft access doors comply with Building Regulations; 'THE BUILDING REGULATIONS 'Conservation of fuel and power' APPROVED DOCUMENT L1A & L2A (2013 Edition)
- Timloc loft access doors comply with the most recent Building Regulations; 'THE BUILDING REGULATIONS 2000 'Conservation of fuel and power' APPROVED DOCUMENT L1A & L2A (2006 Edition)
- The Timloc loft access door has demonstrated a zero 0.00m3/(h.m2) air leakage at 'positive' 50Pa to exceed requirements set in the Building Regulation Part L1A & L2A while fully complying with BS5250:2011 the Code of Practice for control of condensation in buildings
- Timloc loft access doors contain polystyrene insulation with a Thermal Conductivity of 0.038W/mK. For this reason a correction U value of 0.004W/m2k should be calculated to the proposed U value figures for a ceiling (U value for a ceiling not to exceed 0.16W/m2k)
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and Global Warming Potential of less than 5

Product Dimensions



Product Codes

Description	Frame Fitting Size	Clear Opening Size	Insulation U-value	Product Code
1169 Plastic Hinged Drop Down Loft Access Door	562 x 662mm	526 x 626mm	0.82 W/m₂k	1169
1169 Plastic Hinged Drop Down Loft Access Door with Key Lock	562 x 662mm	526 x 626mm	0.82 W/m₂k	1169KL
1169 Plastic Hinged Drop Down Loft Access Door - 0.35 U-value	562 x 662mm	526 x 626mm	0.35 W/m₂k	1169/35
1169 Plastic Hinged Drop Down Loft Access Door with Key Lock - 0.35 U-value	562 x 662mm	526 x 626mm	0.35 W/m₂k	1169/35KL
1169 Plastic Hinged Drop Down Loft Access Door - 0.25 U-value	562 x 662mm	526 x 626mm	0.25 W/m₂k	1169/25
1169 Plastic Hinged Drop Down Loft Access Door with Key Lock - 0.25 U-value	562 x 662mm	526 x 626mm	0.25 W/m₂k	1169/25KL
Loft Door Operating Pole - 0.5m (for 1168 & 1169 only)	N/A	N/A	N/A	1170

Plastic Loft Doors | Technical information and installation advice

1168
Plastic Push-up Loft Access Door

- This loft access door is designed to fit between standard trussed rafters spaced accurately at 600mm centres and constructed in 38mm (1.5”) thick timbers. If the roof trusses are not spaced at these centres or if thicker timbers are used then it will be necessary to form a suitable structural opening with a clear opening width of 562mm
- Trimmers should be positioned between the ceiling joists. These are required to fix the ends of the frame and support the plaster board. They should be spaced with a clear opening length of 665mm
- The roof timbers must be correctly spaced, straight and free from twist or distortion. If they are not the frame may be difficult to fit and the door may bind in the frame
- Fit the loft access door after the ceiling has been plasterboarded and skimmed but before the ceiling is decorated
- If the trimmed opening has been made slightly too large packers must be provided at the screw fixing points otherwise the action of tightening the screws will distort the frame
- Use ten fixing screws to secure the frame, three through each side and two through each end
- Never try to force the frame into an opening which is too small
- Do not overtighten the fixing screws as this could distort the frame
- Please note that drop-in loft access doors of this type are not suitable for use with a telescopic loft ladder
- To ensure an airtight seal; apply decorators flexible caulking around the architrave frame where it meets the ceiling

1169
Plastic Hinged Drop Down Loft Access Door

- This loft access door is designed to fit between standard trussed rafters spaced accurately at 600mm centres and constructed in 38mm (1.5”) thick timbers. If the roof trusses are not spaced at these centres or if thicker timbers are used then it will be necessary to form a suitable structural opening with a clear opening width of 562mm
- Trimmers should be positioned between the ceiling joists. These are required to fix the ends of the frame and support the plasterboard. They should be spaced with a clear opening length of 662mm
- The roof timbers must be correctly spaced, straight and free from twist or distortion. If they are not the frame may be difficult to fit and the door may bind in the frame
- Fit the loft access door after the ceiling has been plasterboarded and skimmed but before the ceiling is decorated
- If the trimmed opening has been made slightly too large packers must be provided at the screw fixing points otherwise the action of tightening the screws will distort the frame.
- Never try to force the frame into an opening which is too small
- Use ten fixing screws to secure the frame, three through each side and two through each end
- Do not overtighten the fixing screws as this could distort the frame
- To ensure an airtight seal; apply decorators flexible caulking around the architrave frame where it meets the ceiling
- If a telescopic loft ladder is to be used the ladder fixing mounts must be secured to the floor of the loft, ceiling joist or trimmer and not directly to the loft access door frame. It is important to ensure that there is adequate clearance within the loft space for the loft ladder to pivot and operate. It is recommended that a minimum of 1050mm clearance is provided horizontally and vertically at the end where the ladder is mounted

Z-SERIES

Metal 1 Hour Fire Rated Hinged Loft Access Doors - Full Range

High performance metal loft access doors with 1 hour fire protection

Z-Series Metal Fire Rated Loft Door

Use

- To provide access through the ceiling into the ceiling void in situations where fire protection is required

Features and Benefits

- Purpose made product with proven performance
- Superior to site fabricated panels
- Provides up to 60 minutes fire protection
- Excellent aesthetic appearance and factory finished
- Maintenance free, no need to paint
- Allows the use of a telescopic ladder if required
- Incorporates secure twist operated catch assembly
- Acoustic performance of 29dB
- U value 0.82 W/m_2k and 0.35W/m_2k options available
- Budget lock and key lock options available
- All loft doors are hinged on the short side except the 900 x 600mm and 1200 x 600mm sizes which are hinged on the long side

Quality

- Independently fire tested
- Complies with Building Regulations document L1A & L2A (2013 Edition)
- Meets all relevant British Standards and NHBC requirements

Material and Colour Choice

- The frame and door are fabricated in 1mm and 1.2mm Zintec electro-galvanised mild steel
- The door is lined with a fire resistant sub-panel to enhance fire resistance and stability
- Polyester powder coating, lightly textured
- Door and frame available in white only RAL 9010

Installation Advice

- The Z8003 and Z8004 are designed to fit between trussed rafters or ceiling joints spaced at 600mm centres which provide a clear joist opening width of 562mm to be plasterboard lined to give 542mm
- If the joist spacing does not provide this opening width, a suitable trimmed opening must be formed
- It is essential that trimmers are installed between the ceiling joists across the ends of the frame
- The frame fixes with screws into the ceiling joists at the sides of the frame and through the ends of the frame into the trimmers
- A 50mm tall by 10mm thick protective plasterboard surround is required along all four sides of the trimmed opening

Technical Considerations

- Timloc loft access doors contain glass wool insulation with a Thermal Conductivity of 0.037W/mK. For this reason a correction. U value of 0.004W/m2k should be calculated to the proposed U value figures for a ceiling (U value for a ceiling, not to exceed 0.16W/m2k)
- With reference to insulation, the products in this range do not use, contain or produce CFC's, ie. HCFC's & HFA's. The mineral wool insulation relies on entrapped air for its thermal properties; air is not a VOC and it does not have Global Warming Potential (GWP) or Ozone Depletion Potential (ODP).

Budget Lock

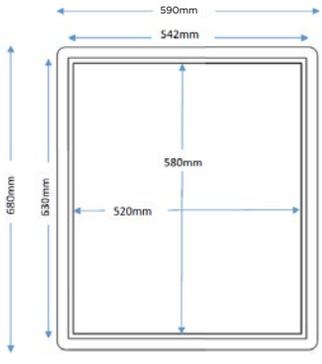
Key Lock

Bill of Quantity

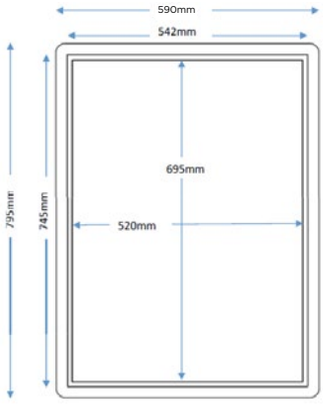
L20 Doors/Shutters/Hatches
Clause
630^ | HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product reference: Example Z8003
- Type: Z-Series Metal 1 Hour Fire Rated Hinged Loft Access Door
- Z8003 to suit fitting 542mm x 630mm
- Specification: insulated and draught stripped
- Colour: textured white polyester powder coating - RAL 9010

Product Dimensions

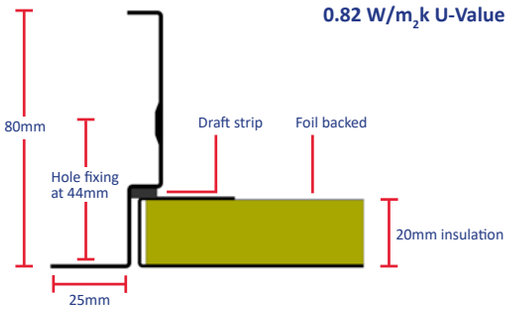


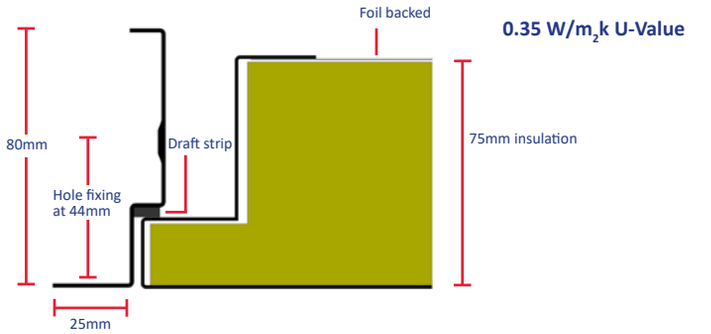
Z8003



Z8004

Cross Sections





Product Codes

Metal 1 Hour Fire Rated Hinged Loft Access Doors

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 550x550mm	555 x 555mm	528 x 500mm	598 x 598mm	0.82 W/m2k	Z8001
Z-Series Fire Rated Metal Loft Door 555x800mm	560 x 805mm	533 x 750mm	603 x 848mm	0.82 W/m2k	Z8002
Z-Series Fire Rated Metal Loft Door 542x630mm	542 x 630mm	520 x 580mm	590 x 680mm	0.82 W/m2k	Z8003
Z-Series Fire Rated Metal Loft Door 542x745mm	542 x 745mm	520 x 695mm	590 x 795mm	0.82 W/m2k	Z8004
Z-Series Fire Rated Metal Loft Door 600x600mm	605 x 605mm	578 x 550mm	648 x 648mm	0.82 W/m2k	Z8005
Z-Series Fire Rated Metal Loft Door 600x900mm	605 x 905mm	578 x 850mm	648 x 948mm	0.82 W/m2k	Z8006
Z-Series Fire Rated Metal Loft Door 900x600mm*	905 x 605mm	878 x 550mm	948 x 948mm	0.82 W/m2k	Z8007
Z-Series Fire Rated Metal Loft Door 1200x600mm*	1205 x 605mm	1178 x 550mm	1248 x 648mm	0.82 W/m2k	Z8008

Metal 1 Hour Fire Rated Hinged Loft Access Doors - Key Lock

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 550x550mm - Key Lock	555 x 555mm	528 x 500mm	598 x 598mm	0.82 W/m2k	ZKL8001
Z-Series Fire Rated Metal Loft Door 555x800mm - Key Lock	560 x 805mm	533 x 750mm	603 x 848mm	0.82 W/m2k	ZKL8002
Z-Series Fire Rated Metal Loft Door 542x630mm - Key Lock	542 x 630mm	520 x 580mm	590 x 680mm	0.82 W/m2k	ZKL8003
Z-Series Fire Rated Metal Loft Door 542x745mm - Key Lock	542 x 745mm	520 x 695mm	590 x 795mm	0.82 W/m2k	ZKL8004
Z-Series Fire Rated Metal Loft Door 600x600mm - Key Lock	605 x 605mm	578 x 550mm	648 x 648mm	0.82 W/m2k	ZKL8005
Z-Series Fire Rated Metal Loft Door 600x900mm - Key Lock	605 x 905mm	578 x 850mm	648 x 948mm	0.82 W/m2k	ZKL8006
Z-Series Fire Rated Metal Loft Door 900x600mm - Key Lock*	905 x 605mm	850 x 578mm	948 x 648mm	0.82 W/m2k	ZKL8007
Z-Series Fire Rated Metal Loft Door 1200x600mm - Key Lock*	1205 x 605mm	1178 x 550mm	1248 x 648mm	0.82 W/m2k	ZKL8008

Metal 1 Hour Fire Rated Hinged Loft Access Doors - 0.35 U-Value

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 550x550mm - 0.35 U-Value	555 x 555mm	528 x 500mm	598 x 598mm	0.35 W/m2k	Z9001
Z-Series Fire Rated Metal Loft Door 555x800mm - 0.35 U-Value	560 x 805mm	533 x 750mm	603 x 848mm	0.35 W/m2k	Z9002
Z-Series Fire Rated Metal Loft Door 542x630mm - 0.35 U-Value	542 x 630mm	520 x 580mm	590 x 685mm	0.35 W/m2k	Z9003
Z-Series Fire Rated Metal Loft Door 542x745mm - 0.35 U-Value	542 x 745mm	520 x 695mm	590 x 795mm	0.35 W/m2k	Z9004
Z-Series Fire Rated Metal Loft Door 600x600mm - 0.35 U-Value	605 x 605mm	578 x 550mm	648 x 648mm	0.35 W/m2k	Z9005
Z-Series Fire Rated Metal Loft Door 600x900mm - 0.35 U-Value	605 x 905mm	578 x 850mm	648 x 948mm	0.35 W/m2k	Z9006
Z-Series Fire Rated Metal Loft Door 900x600mm - 0.35 U-Value*	905 x 605mm	850 x 578mm	948 x 648mm	0.35 W/m2k	Z9007
Z-Series Fire Rated Metal Loft Door 1200x600mm - 0.35 U-Value*	1205 x 605mm	1178 x 550mm	1248 x 648mm	0.35 W/m2k	Z9008

Metal 1 Hour Fire Rated Hinged Loft Access Doors - 0.35 U-Value Key Lock

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 550x550mm - Key Lock 0.35 U-Value	555 x 555mm	528 x 500mm	598 x 598mm	0.35 W/m2k	ZKL9001
Z-Series Fire Rated Metal Loft Door 555x800mm - Key Lock 0.35 U-Value	560 x 805mm	533 x 750mm	603 x 848mm	0.35 W/m2k	ZKL9002
Z-Series Fire Rated Metal Loft Door 542x630mm - Key Lock 0.35 U-Value	542 x 630mm	520 x 580mm	590 x 680mm	0.35 W/m2k	ZKL9003
Z-Series Fire Rated Metal Loft Door 542x745mm - Key Lock 0.35 U-Value	542 x 745mm	520 x 695mm	590 x 795mm	0.35 W/m2k	ZKL9004
Z-Series Fire Rated Metal Loft Door 600x600mm - Key Lock 0.35 U-Value	605 x 605mm	578 x 550mm	648 x 648mm	0.35 W/m2k	ZKL9005
Z-Series Fire Rated Metal Loft Door 600x900mm - Key Lock 0.35 U-Value	605 x 905mm	578 x 850mm	648 x 948mm	0.35 W/m2k	ZKL9006
Z-Series Fire Rated Metal Loft Door 900x600mm - Key Lock 0.35 U-Value*	905 x 605mm	850 x 578mm	948 x 648mm	0.35 W/m2k	ZKL9007
Z-Series Fire Rated Metal Loft Door 1200x600mm - Key Lock 0.35 U-Value*	1205 x 605mm	1178 x 550mm	1248 x 648mm	0.35 W/m2k	ZKL9008

*** Hinged on long side**

Z-SERIES

Metal 1 Hour Fire Rated Hinged Loft Access Doors - 1160 & 1161

High performance metal loft access doors with 1 hour fire protection

Z-Series Metal Fire Rated Loft Door - Z8004

Use

- To provide access through the ceiling into the ceiling void in situations where fire protection is required

Features and Benefits

- Compliant with NHBC standards for minimum access opening of 520mm
- Purpose made product with proven performance
- Superior to site fabricated panels
- Provides up to 60 minutes fire protection
- Excellent aesthetic appearance and factory finished
- Maintenance free, no need to paint
- Allows the use of a telescopic ladder if required
- Incorporates secure twist operated catch assembly
- Acoustic performance of 29dB
- U value 0.82 W/m_2k and 0.35W/m_2k options available
- Budget lock and key lock options available

Quality

- Independently fire tested
- Complies with Building Regulations document L1A & L2A (2013 Edition)
- Meets all relevant British Standards and NHBC requirements

Material and Colour Choice

- The frame and door are fabricated in 1mm and 1.2mm Zintec electro-galvanised mild steel
- The door is lined with a fire resistant sub-panel to enhance fire resistance and stability
- Polyester powder coating, lightly textured
- Door and frame available in white only RAL 9010

Installation Advice

- The Z8003 and Z8004 are designed to fit between trussed rafters or ceiling joints spaced at 600mm centres which provide a clear joist opening width of 562mm to be plasterboard lined to give 542mm
- If the joist spacing does not provide this opening width, a suitable trimmed opening must be formed
- It is essential that trimmers are installed between the ceiling joists across the ends of the frame
- The frame fixes with screws into the ceiling joists at the sides of the frame, and through the ends of the frame into the trimmers
- A 50mm tall by 10mm thick protective plasterboard surround is required along all four sides of the trimmed opening

Technical Considerations

- Timloc loft access doors contain glass wool insulation with a Thermal Conductivity of 0.037W/mK. For this reason a correction. U value of 0.004W/m2k should be calculated to the proposed U value figures for a ceiling (U value for a ceiling, not to exceed 0.16W/m2k)
- With reference to insulation, the products in this range do not use, contain or produce CFC's, ie. HCFC's & HFA's. The mineral wool insulation relies on entrapped air for its thermal properties; air is not a VOC and it does not have Global Warming Potential (GWP) or Ozone Depletion Potential (ODP).

Budget Lock

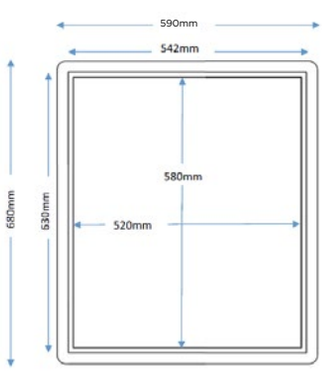
Key Lock

Bill of Quantity

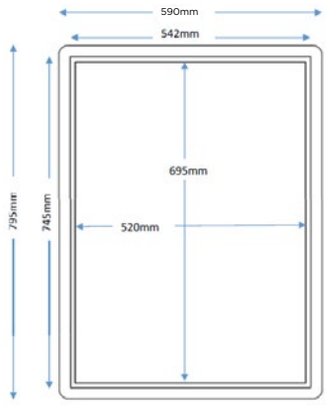
L20 Doors/Shutters/Hatches
Clause
630^ | HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product reference: Example Z8003
- Type: Z-Series Metal 1 Hour Fire Rated Hinged Loft Access Door
- Z8003 to suit fitting 542mm x 630mm
- Specification: insulated and draught stripped
- Colour: textured white polyester powder coating - RAL 9010

Product Dimensions



Z8003

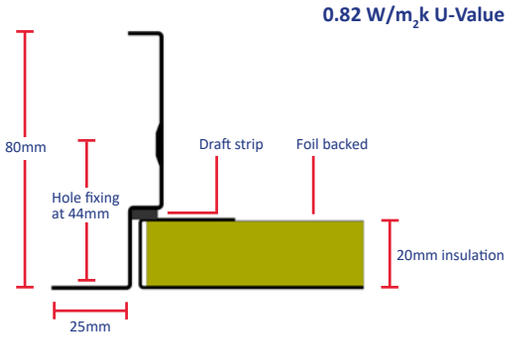


Z8004

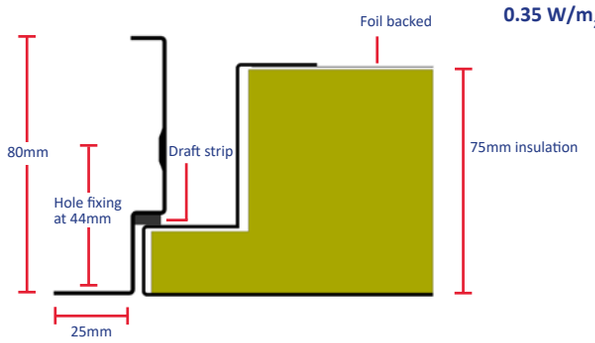
Cross Sections

Metal 1-Hour Fire Rated Loft Access Doors

0.82 W/m$_2$k U-Value



0.35 W/m$_2$k U-Value



Product Codes

Metal 1 Hour Fire Rated Hinged Loft Access Doors

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 542x630mm	542 x 630mm	520 x 580mm	590 x 680mm	0.82 W/m$_2$k	Z8003
Z-Series Fire Rated Metal Loft Door 542x745mm	542 x 745mm	520 x 695mm	590 x 795mm	0.82 W/m$_2$k	Z8004

Metal 1 Hour Fire Rated Hinged Loft Access Doors - Key Lock

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 542x630mm - Key Lock	542 x 630mm	520 x 580mm	590 x 680mm	0.82 W/m$_2$k	ZKL8003
Z-Series Fire Rated Metal Loft Door 542x745mm - Key Lock	542 x 745mm	520 x 695mm	590 x 795mm	0.82 W/m$_2$k	ZKL8004

Metal 1 Hour Fire Rated Hinged Loft Access Doors - 0.35 U-Value

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 542x630mm - 0.35 U-Value	542 x 630mm	520 x 580mm	590 x 680mm	0.35 W/m$_2$k	Z9003
Z-Series Fire Rated Metal Loft Door 542x745mm - 0.35 U-Value	542 x 745mm	520 x 695mm	590 x 795mm	0.35 W/m$_2$k	Z9004

Metal 1 Hour Fire Rated Hinged Loft Access Doors - 0.35 U-Value Key Lock

Description	Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Insulation U-value	Product Code
Z-Series Fire Rated Metal Loft Door 542x630mm - Key Lock 0.35 U-Value	542 x 630mm	520 x 580mm	590 x 680mm	0.35 W/m$_2$k	ZKL9003
Z-Series Fire Rated Metal Loft Door 542x745mm - Key Lock 0.35 U-Value	542 x 745mm	520 x 695mm	590 x 795mm	0.35 W/m$_2$k	ZKL9004

LOFT - LOC

Loft Door Operating Poles

Metal loft door operating poles for the Timloc range of plastic and metal loft doors

Loft-loc square T-key loft door operating metal pole - Z1162

Loft-loc slotted loft door operating metal pole - Z1170

Use

- To enable easy opening of Timloc range of plastic and metal loft doors

Features and Benefits

- Robust design
- Manufactured to BS EN ISO 9001-2015
- 600mm in length
- Individually bagged for convenience

Material and Colour Choice

- Manufactured from zinc plated mild steel tubing
- Z1162 - For use with Timloc Metal Hinged Loft Access Doors
- Z1170 - For use with Timloc Plastic Push-Up or Hinged Loft Access Doors (1168 & 1169)

Dimensions

- **Z1162** - 600 x 12 x 75mm
- **Z1170** - 600 x 12 x 75mm

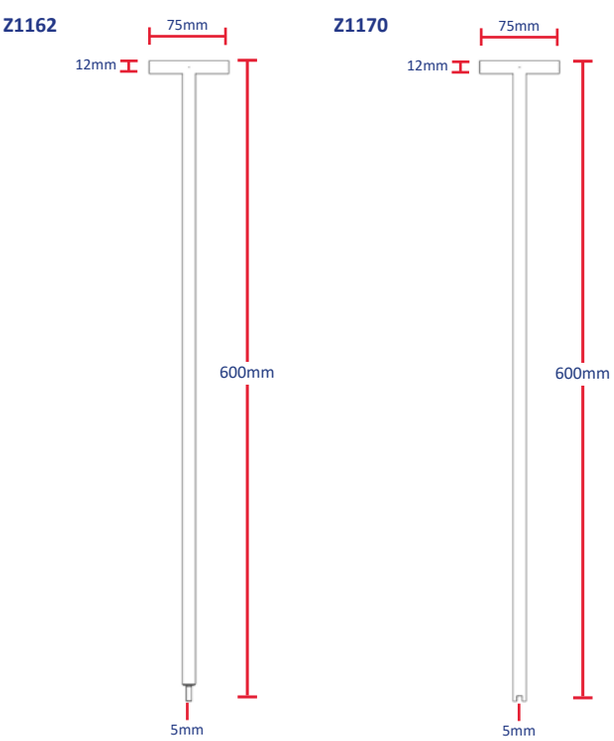
How to Order

- Order as each
- State product code

Product Codes

Description	Product Code
Square T-Key Loft Door Operating Metal Pole	Z1162
Slotted Loft Door Operating Metal Pole	Z1170

Product Dimensions



ACCESS PRODUCTS

Metal Loft Doors | Technical Information and Installation Advice

Fire Rated Loft Access Doors

- The loft access doors are designed to fit between 38mm thick ceiling joists which are spaced at 600mm centres and lined with 9.5mm plasterboard giving a clear joist opening width of 542mm.
- If the ceiling joists are not spaced at these centres then it will be necessary to form a suitable structural opening with a clear opening width of 542mm
- Trimmers should be positioned between the ceiling joists. These are required to fix the ends of the frame and support the plasterboard. They should be spaced with a clear opening length of 745mm (1160) and 630mm (1161)
- The roof timbers must be correctly spaced, straight and free from twist or distortion. If they are not the frame may be difficult to fit and the door may bind in the frame
- In order to ensure satisfactory fire performance a strip of plasterboard 50mm tall x 9.5mm thick must be fitted around all four sides of the frame. This should be positioned between the frame upstand and the side of the ceiling joist or trimmer
- Fit the loft access door after the ceiling has been plasterboarded and skimmed but before the ceiling is decorated
- If the trimmed opening has been made slightly too large or if ceiling joists of less than 38mm thickness are being used additional packers must be provided to ensure a good fit into the ceiling aperture. These packers must be continuous along the side of the frame and not just localised at the screw fixing points
- Never try to force the frame into an opening which is too small
- Use ten fixing screws to secure the frame, three through each side and two through each end
- Do not overtighten the fixing screws as this could distort the frame
- To ensure an airtight seal; apply decorators flexible caulking around the architrave frame where it meets the ceiling
- If a telescopic loft ladder is to be used the ladder fixing mounts must be secured to the floor of the loft, ceiling joist or timber and not directly to the loft access door frame. It is important to ensure that there is adequate clearance within the loft space for the loft ladder to pivot and operate. It is recommended that a minimum of 1050mm clearance is provided horizontally and vertically at the end where the ladder is mounted

Air Leakage Testing and Performance Results

Timloc have completed a major test program with the BRE to demonstrate the air leakage capability of its core loft access door products. To ensure customer satisfaction we tested a sample range of competitors equivalent products to offer a like-for-like comparison.
Following the BRE testing program Timloc was the only company to pass with a product which demonstrated a zero - 0.00m3/(h.m2) air leakage at 50Pa. Its 1169 loft access door exceeded requirements set in the Building Regulation Part L1A & L2A, while fully complying with BS5250:2002 the Code of Practice for control of condensation in buildings.

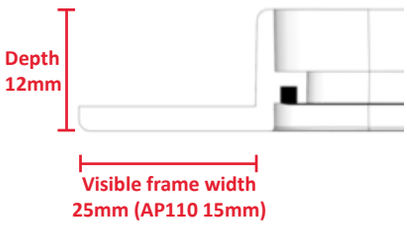
The objective of the testing was to measure the air leakage through a range of loft access doors.

There have been some recent changes to the Building Regulations designed to improve the energy efficiency of buildings. These changes have introduced new requirements to the air tightness of certain building types. For example, Part L1A & L2A states that a reasonable limit for the design air permeability of buildings is 10m3/(h.m2) at +50Pa. Hence loft access hatch specifiers might need to know the leakage rate of loft hatches at a pressure of +50Pa. (Timloc 1169 achieved 0.00m3/(h.m2) at +50Pa demonstrating full compliance.) There have also been some recent changes to BS5250:2011, the Code of Practice for control of condensation in buildings. Amendment 16119, issued on 23rd December 2005 introduced a clause giving recommendations for air tightness of ceilings. This new clause, 8.4.1.2, gives some rules for producing a well sealed ceiling which includes a requirement for loft hatches as follows:

The air leakage rate through an access loft hatch, including its frame, when tested to BS EN 1314101:2004 4.3 is less than 1m3lh at a pressure difference 2Pa. It can be assumed that “push-up” wooden hatch covers in a frame, constructed in-situ, with continuous compressible seals, will meet this criterion provided the weight of the door is at least 5.5kg. Hatch covers should either be heavy enough to compress the seal or be clamped, with a closed cell compressible seal, or “O-ring” between it and the frame. Drop-down hatch covers are more difficult to seal; it is recommended that proprietary units with a supplied hatch cover in a frame are used. Manufacturers can provide third party evidence that the leakage criterion is met’. (Timloc’s 1168 drop in / push up plastic loft access door has two catches to ensure full seal compression).

Plastic Access Panels

The answer to unsightly controls and fittings



Can be used to provide access **in ceilings**

*excludes AP450 & AP450KL

Use

- Cost effective yet reliable and simple method for providing access to services and connections behind dry lined walls, ducts, ceilings (exc. AP450 and AP450KL) and cupboard units
- An ideal solution for meeting the gas safety industry and Building Regulation Part J's concealed boiler blue inspection access requirements (non-fire rated applications)

Features and Benefits

- Purpose made product saves time and money compared with traditional joiner–made or steel access doors
- Excellent aesthetic appearance and finish
- Textured finish allows painting if required
- Visible picture frame surround smartly conceals cut out edges and contributes to a faster installation
- Universal door handing
- Flush fitting door panel can be fully removed for maximum access
- Installed in minutes using basic hand tools and silicon/flexible sealant
- Catch clip closing mechanism across the range as standard
- Key lock options available
- Acoustic performance of 26dB

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Helps to meet Building Regulation document Part J (2010 edition)

Material and Colour Choice

- Tough and UV stabilised injection moulded HIPS/ABS plastic
- White finish

Installation Advice

- Cut hole to size, making sure that it is straight and level
- Apply silicon or other suitable grade building adhesive to the back of the frame
- Check which way that you want the door to hinge
- Press the frame firmly into place, checking it is straight and level
- Do not operate until the adhesive has set completely
- To open the door, use a screw driver in the slot and lever up (fig. 1)
- To remove the door, open the door slightly (fig 2.) and pull away from the hinge position maintaining the door at a slight angle (fig. 3). This does not apply to panels AP110 and AP200 which are clip fit door panels
- To replace the door, reverse the removal process

Care and Maintenance

- Clean using a soft cloth with a mild detergent

How to Order

- State which size of panel is required and confirm the hole cutting size
- State if the key lock option is required

Bill of Quantity

L20 Doors/Shutters/Hatches
Clause
630^ HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type: Plastic access panels
- Product code: AP300 (see other product codes/variations of sizes)
- Frame fitting size: 305 x 305mm
- Application: Wall, ceiling or voids
- Frame type: Picture
- Colour: Textured white ABS plastic

Product Codes

Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Door Type	Key Lock	Product Code
115 x 165mm	100 x 150mm	135 x 185mm	Clip fit	N/A	AP110
155 x 235mm	140 x 220mm	195 x 275mm	Hinged	N/A	AP150
205 x 205mm	190 x 190mm	245 x 245mm	Clip fit	N/A	AP200
305 x 305mm	290 x 290mm	345 x 345mm	Hinged	N/A	AP300
470 x 470mm	455 x 455mm	510 x 510mm	Hinged	N/A	AP450*
155 x 235mm	140 x 220mm	195 x 275mm	Hinged	Yes	AP150KL
305 x 305mm	290 x 290mm	345 x 345mm	Hinged	Yes	AP300KL
470 x 470mm	455 x 455mm	510 x 510mm	Hinged	Yes	AP450KL*

***not suitable for ceiling installations**

AP150

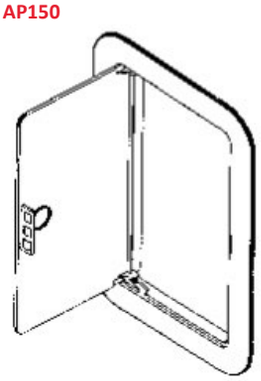


Fig.1

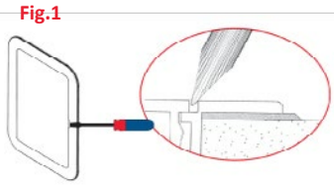
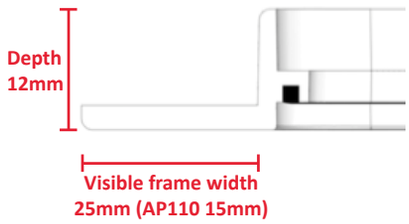


Fig.2

Fig.3

Airtight Plastic Access Panels

Fully airtight and high level acoustic performance plastic access panels



Can be used to provide access **in ceilings**

*excludes AP450 & AP450KL

Use

- Provides access to services and connections behind dry lined walls, ducts, ceilings and cupboard units
- Complete solution to meet the highest levels of Building Regulation Part L and Building Regulation Part J and the gas safety industry's concealed boiler flue inspection requirements (non-fire rated applications)

Features and Benefits

- Purpose made product saves time and money compared with traditional joiner–made or steel access doors
- Unique airtight seal design reduces the air permeability to 0.00/h.m at +50pa
- Flush fitting door panels that can be fully removed for maximum access
- Excellent aesthetic appearance and finish
- Textured finish allows painting if required
- Visible picture frame surround smartly conceals cut out edges and contributes to a faster installation
- Universal door handing
- Installed in minutes using basic hand tools and silicon/flexible sealant
- Clip fit door panels with catch clip closing mechanism
- Acoustic performance of 31dB

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Helping to meet Building Regulation:
- - Document Part J – Concealed Flues in Voids (2010 edition)
- - Document Part E – Resistant to Sound (2003 edition)
- - Part L1 and L2 – Conservation of Fuel and Power (2013 edition)

Material and Colour Choice

- Tough and UV stabilised injection moulded HIPS/ABS plastic
- White finish

Installation Advice

- Cut hole to size, making sure that it is straight and level
- Apply silicon or other suitable grade building adhesive to the back of the frame
- Press the frame firmly into place, checking it is straight and level
- Do not operate until the adhesive has set completely
- Simply push the clip fit door panel into the frame

How to Order

- State which size of panel is required and confirm the hole cutting size

Care and Maintenance

- Clean using a soft cloth with a mild detergent

Bill of Quantity

L20 Doors/Shutters/Hatches
Clause
630^ HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type: Airtight access panels
- Product code: AP300AT (see other product codes/variations of sizes)
- Frame fitting size: 305 x 305mm
- Application: Wall, ceiling, cupboard or voids
- Frame type: Picture
- Colour: Textured white ABS plastic

Product Codes

Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Door Type	Product Code
115 x 165mm	100 x 150mm	135 x 185mm	Clip fit	AP110AT
155 x 235mm	140 x 220mm	195 x 275mm	Clip fit	AP150AT
205 x 205mm	190 x 190mm	245 x 245mm	Clip fit	AP200AT
305 x 305mm	290 x 290mm	345 x 345mm	Clip fit	AP300AT
470 x 470mm	455 x 455mm	510 x 510mm	Clip fit	AP450AT

Z-SERIES

Metal Access Panels

Metal access panels for access to mechanical, electrical and other building services.

Z-Series metal access panel - Z2001

Z-Series metal access panel - Z2002

Use

- Provides access to services and connections behind dry lined walls, ducts and ceilings
- For applications where plastic access panels are not suitable and a fire rating is not required
- Ideal solution for meeting Part J and the gas safety industry's concealed boiler flue inspection access requirements (non-fire rated applications)

Features and Benefits

- Purpose made product saves time and money compared with traditional joiner–made access doors
- Excellent aesthetic appearance and finish
- Flush fitting door panels
- Visible picture frame surround smartly conceals cut out edges and contributes to a faster installation
- Smooth and enduring polyester powder coated finish
- Allows for painting if required
- Quick and straight forward to install
- 50mm deep frame for deeper wall and ceiling fixing
- Hinged door panel with budget lock

Quality

- Helps to meet Building Regulation Document Part J – Concealed Flues in Voids (2010 edition)

Material and Colour Choice

- Electro galvanised mild steel
- Polyester powder coated smooth finish 20% gloss
- White – RAL 9010

Installation Advice

- Please contact the Timloc Technical team

Care and Maintenance

- Clean using a soft cloth with a mild detergent

How to Order

- State which size of panel is required and confirm the hole cutting size

Bill of Quantity

L20 Doors/Shutters/Hatches
Clause
630^ HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type: Timloc Metal Access Panels - Picture Frame
- Application: Wall, ceiling, cupboard or voids
- Frame type: Picture
- Colour: White - RAL 9010 smooth 20% gloss polyester powder coating

Product Codes

Frame Fitting Size	Clear Opening Size	Overall Panel & Frame Size	Product Code
155 x 155mm	128 x 110mm	198 x 198mm	Z2001
155 x 235mm	110 x 208mm	198 x 278mm	Z2002
205 x 205mm	178 x 160mm	248 x 248mm	Z2003
305 x 305mm	278 x 260mm	348 x 348mm	Z2004
355 x 355mm	328 x 310mm	398 x 398mm	Z2005
455 x 455mm	428 x 410mm	498 x 498mm	Z2006
555 x 555mm	528 x 518mm	598 x 598mm	Z2007
605 x 305mm	578 x 260mm	648 x 348mm	Z2008
605 x 605mm	578 x 560mm	648 x 648mm	Z2009

Cross Section

Z-Series metal access panels

Metal 1 Hour Fire-Rated Access Panels

Multi performance 1 hour fire rated steel access panels with mineral wool and draught stripping

Use

- Provides access to services and connections behind dry lined walls, ducts, ceilings where a 1 hour fire rating is required
- Projects with additional reduced air leakage and /or acoustic performance requirements
- Ideal solution for meeting Part J and the gas safety industry's concealed boiler flue inspection access requirements (1 hour fire rated applications)

Features and Benefits

- Purpose made product saves time and money compared with traditional joiner–made access doors
- independently tested fire rating
- Mineral wool insulation and draught stripped to reduce the opportunity of air leakage in application
- 32mm low profile frame ideal for installation with 15mm plaster board
- Flush fitting door panels with excellent aesthetic appearance and finish
- Visible picture frame surround smartly conceals cut out edges and contributes to a faster installation
- Enduring polyester powder coated finish
- Allows for painting if required
- Quick and straightforward to install
- Universal door handing
- Hinged door panel with T-key lock mechanism and key lock
- Quick release door panel mechanism fully removes to the door for maximum access
- Acoustic performance of 33dB (contact the Timloc Technical team for more information)

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Helping to meet Building Regulation: - Document Part J – Concealed Flues in Voids (2010 edition)
- - Document Part E – Resistant to Sound (2003 edition)
- - Part L1 and L2 – Conservation of Fuel and Power (2013 edition)

Material and Colour Choice

- Electro galvanised mild steel
- Glass wool insulation (45kg/m3)
- Polyester powder coated smooth finish 20% Gloss
- White – RAL 9016

Installation Advice

- Please contact the Timloc Technical team for installation advice

Care and Maintenance

- Clean using a soft cloth with a mild detergent
- Spare keys available upon request

How to Order

- State which size of panel is required and confirm the hole cutting size

Bill of Quantity

L20 Doors/Shutters/Hatches
Clause
630^ HATCHES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type: Timloc Metal 1 Hour Fir Rated Access Panels - Picture Framed
- Product code: Example APC300x300CR (see other product codes/variation of sizes)
- Frame fitting size: Example 305x305mm (see other product codes/ variation of sizes)
- Application: Wall, ceiling or voids
- Frame type: Picture
- Colour: White - RAL 9016 Smooth Polyester Powder Coating

Product Codes

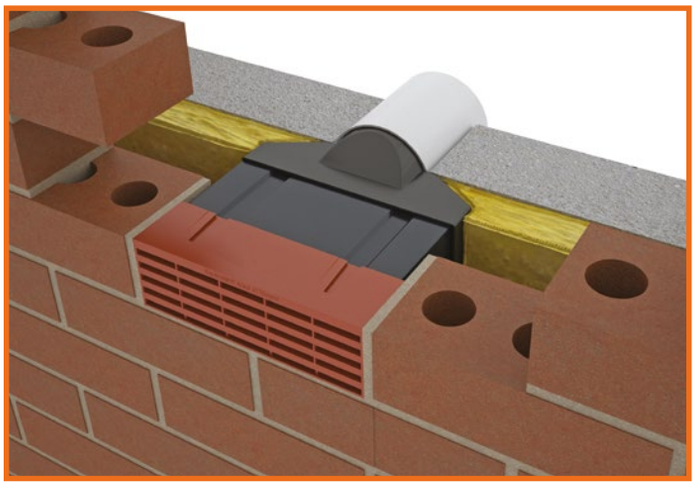
Frame fitting size	Clear opening size	Overall panel and frame size	Door type	Product code
155 x 155mm	110 x 110mm	200 x 200mm	Hinged with T-key lock	Z1001
155 x 235mm	110 x 190mm	200 x 280mm	Hinged with T-key lock	Z1002
205 x 205mm	160 x 160mm	250 x 250mm	Hinged with T-key lock	Z1003
305 x 305mm	260 x 260mm	350 x 350mm	Hinged with T-key lock	Z1004
455 x 455mm	410 x 410mm	500 x 500mm	Hinged with T-key lock	Z1006
555 x 555mm	510 x 510mm	600 x 600mm	Hinged with T-key lock	Z1007
605 x 605mm	560 x 560mm	650 x 650mm	Hinged with T-key lock	Z1009
150 x 150mm	110 x 110mm	200 x 200mm	Hinged with key lock	ZKL1001
150 x 230mm	110 x 190mm	200 x 280mm	Hinged with key lock	ZKL1002
200 x 200mm	160 x 160mm	250 x 250mm	Hinged with key lock	ZKL1003
300 x 300mm	260 x 260mm	350 x 350mm	Hinged with key lock	ZKL1004
450 x 450mm	410 x 410mm	500 x 500mm	Hinged with key lock	ZKL1006
550 x 550mm	510 x 510mm	600 x 600mm	Hinged with key lock	ZKL1007
600 x 600mm	560 x 560mm	650 x 650mm	Hinged with key lock	ZKL1009

ADAPT-AIR

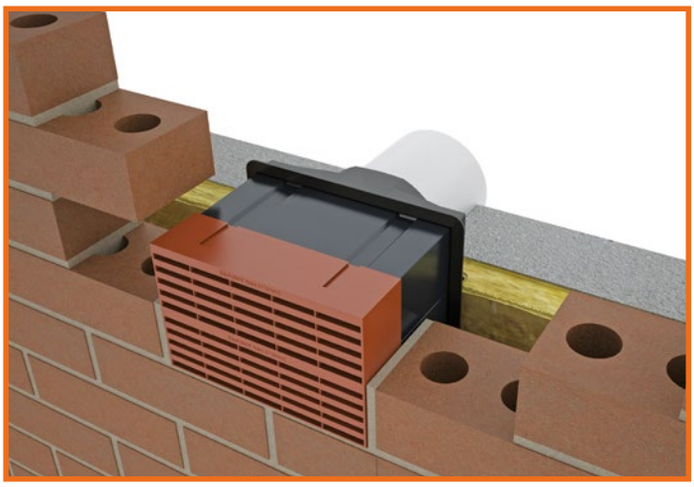
Adapt-Air **KITS PERFECTLY**

THE NEW DUCTING TO AIRBRICK ADAPTER FROM TIMLOC

Simple to install pre-assembled sets, which quickly and conveniently adapts extraction ductwork to terminate at a standard plastic airbrick.



6500 Adapt-Air Single Airbrick



6512 Adapt-Air Double Airbrick

Use

At floor level voids and external walls
Suitable for round and rectangular rigid extraction ductwork from:

- Bathrooms
- WC cloakrooms
- Utility rooms
- Kitchens

Features and Benefits

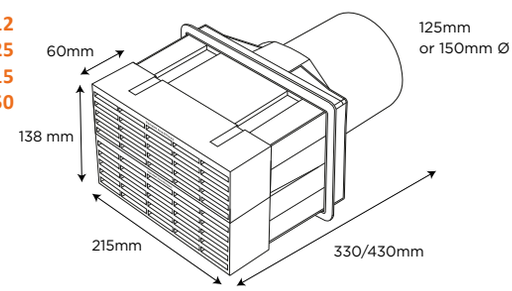
- Enables rigid extraction ductwork termination to be built in as part of the brickwork package
- Doesn't restrict or interrupt ducting airflow
- Convenient '1 product code' assembled kits for immediate installation
- Eliminates the requirement for retrospective through wall core drilling
- Enables 1st fix ceiling & wall duct extraction and wall connections to outlet vent
- Durable and totally resistant to decay
- Airbricks available in terracotta and buff to blend with various brick types (other colours available on request)
- Suitable for working temperatures of -20 to 60°c
- Allows for NHBC best practice recommendations

Quality

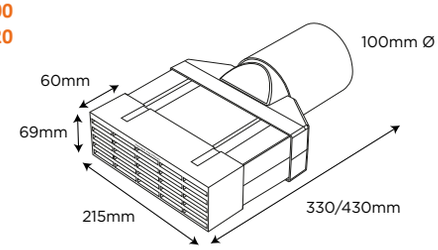
- Helping to meet Building Regulation Part F
- Equivalent area marking to front face of airbrick to comply with BS EN 13141-1
- Manufactured to BS EN ISO 9001

Product Dimensions

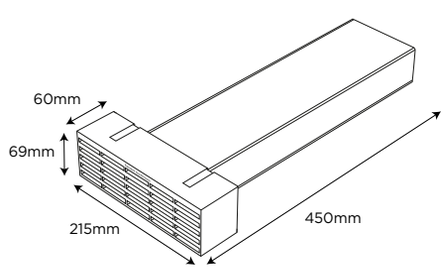
6512
6525
6515
6550



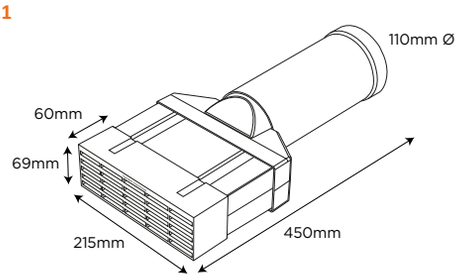
6500
6520



6510



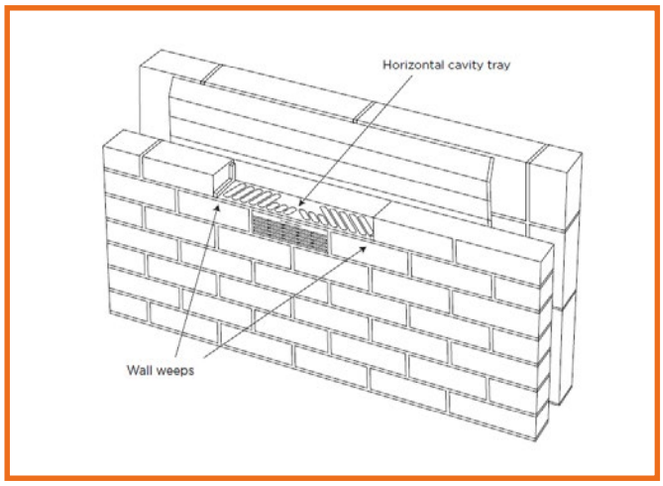
3511



Adapt-Air **KITS PERFECTLY**

THE NEW DUCTING TO AIRBRICK ADAPTER FROM TIMLOC

Simple to install pre-assembled sets, which quickly and conveniently adapts extraction ductwork to terminate at a standard plastic airbrick.



Material and Colour Choice

- Airbrick manufactured from UV stabilised polypropylene
- Available in Terracotta and Buff on Next Working Day delivery. Other colours available on request
- All other components manufactured from PVC/PP

How to Order

- Quantity will be relative to the number of extraction fans required by the project
- Ensure that the correct shaped set has been selected to suit the ductwork
- State the airbrick colour required

Installation Advice

- Build in the set's airbrick (to replace a regular brick) as normal as brick and blockwork proceeds
- The installed position and level of the set is determined by the extraction fan connections
- The set can be flush or project beyond the inner wall leaf to allow for the fitting of additional ducting or an extraction fan
- The cavity wall construction will determine most suitable option length kit required
- As with all through cavity wall components install a DPC cavity tray, with wall weep and stop ends, above the installed adapter set to collect any water ingress. - We recommend the Inter-loc 4 horizontal cavity tray and 1143 or Invisiweep, the almost invisible wall weep
- Timber/Steel frame wall construction may require cavity barriers or intumescent collars

Product Codes

Description	Duct size	Overall length	Product codes
Adapt-Air Single Airbrick 330mm x 100mm	100mm Ø	330mm	6500 + airbrick colour
Adapt-Air Single Airbrick 430mm x 100mm	100mm Ø	430mm	6520 + airbrick colour
Adapt-Air Single Airbrick 450mm x 110mm	110mm Ø	450mm	3511 + airbrick colour
Adapt-Air Rectangular Single Airbrick 450mm x 100 x 54mm	100 x 54mm	450mm	6510 + airbrick colour
Adapt-Air Double Airbrick 330mm x 125mm	125mm Ø	330mm	6512 + airbrick colour
Adapt-Air Double Airbrick 430mm x 125mm	125mm Ø	430mm	6525 + airbrick colour
Adapt-Air Double Airbrick 330mm x 150mm	150mm Ø	330mm	6515 + airbrick colour
Adapt-Air Double Airbrick 430mm x 150mm	150mm Ø	430mm	6550 + airbrick colour
Adapt-Air 150mm to 220x90mm Round to Rectangular Ducting Adaptor	150mm Ø	-	6555

State required colour at the end of the product code: Terracotta: **TE**, Buff: **BU**, Grey: **GR**, Brown: **BR**, Black: **BL**, White: **WH**, Blue Black: **BB**

Airflow Test Data

Simple to install pre-assembled sets, which quickly and conveniently adapts extraction ductwork to terminate at a standard plastic airbrick.

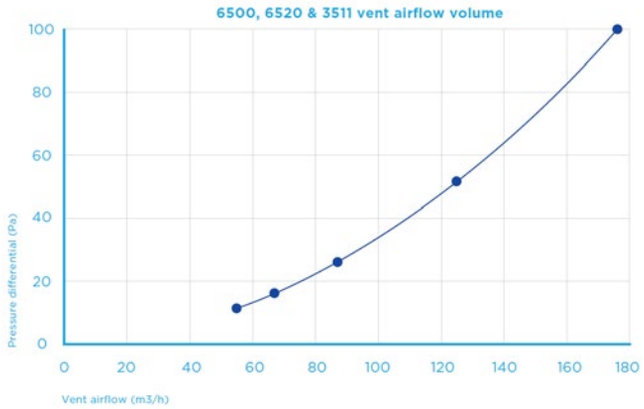
6500 | 6520 | 3511

Adapt-Air single airbrick

100mm diam tube (110mm adaptor)

6500, 6520 & 3511 airflow

m3/h	Pa	L/s
55	10	15.28
68	15	18.89
88	25	24.44
124	50	34.44
177	100	49.17

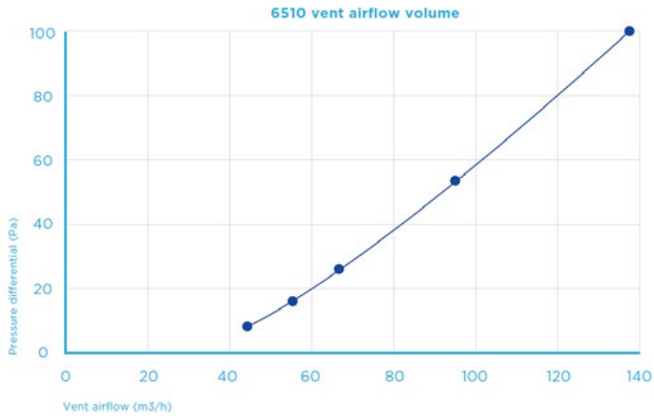


6510

Adapt-Air single airbrick100mm diam tube 100mm x 54mm duct

6510 airflow

m3/h	Pa	L/s
43	10	11.94
54	15	15.00
68	25	18.89
94	50	26.11
137	100	38.06



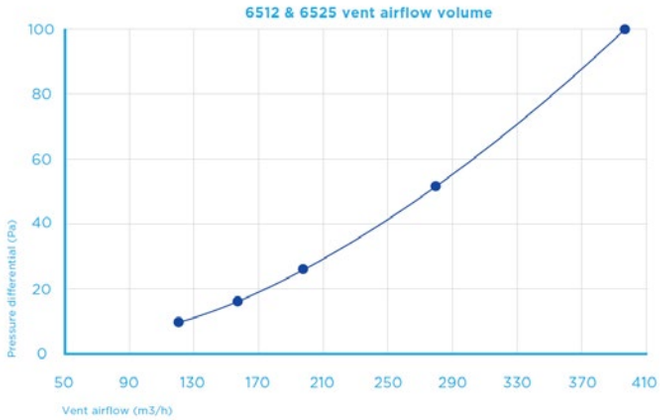
6512 | 6525

Adapt-Air double airbrick

125mm diam tube

6512 & 6525 airflow

m3/h	Pa	L/s
123	10	34.00
155	15	43.06
195	25	54.17
279	50	77.50
396	100	110.00



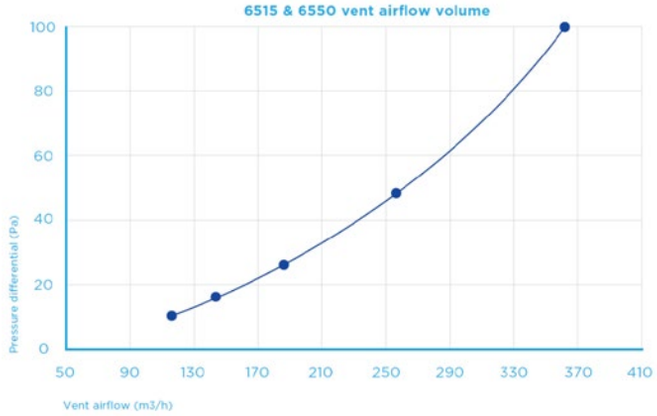
6515 | 6550

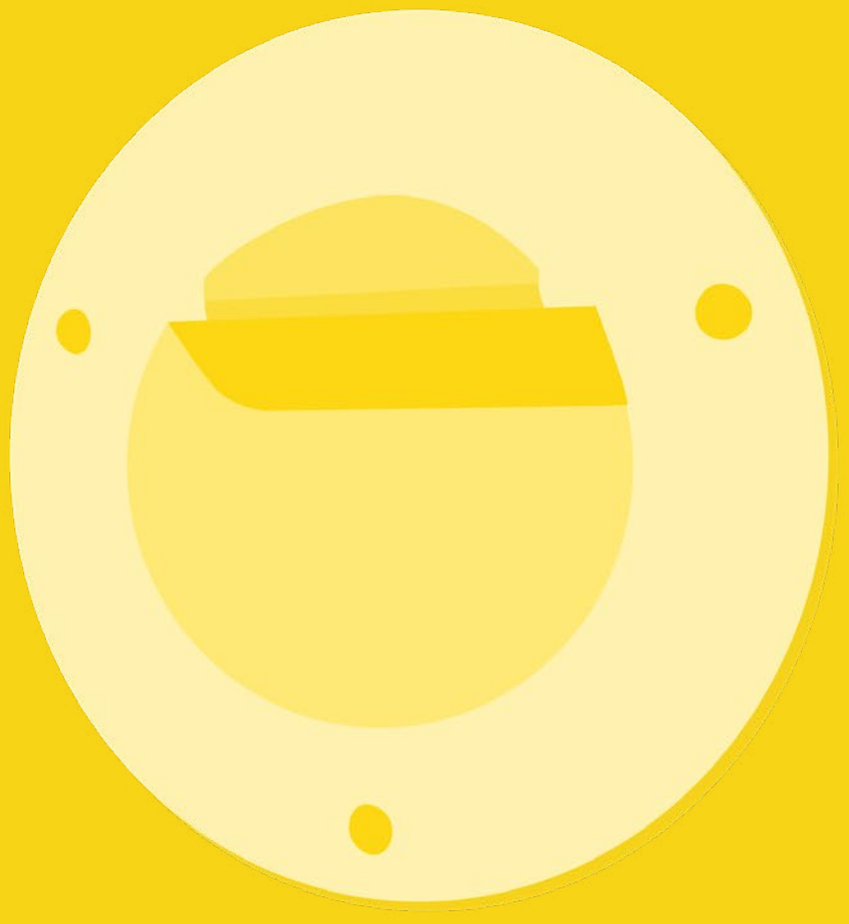
Adapt-Air double airbrick

150mm diam tube

6515 & 6550 airflow

m3/h	Pa	L/s
114	10	31.67
140	15	38.89
181	25	50.28
256	50	71.11
363	100	100.83





RAD-SEAL

RAD-SEAL

by timloc

Recessed radiator pipe guide and seal designed to eliminate potential air leakage and heat loss at vulnerable through wall radiator pipe work entry points

Use

- At the point of entry of through wall 10mm plastic radiator pipework
- Within all wall constructions that present a concealed pipe void including studded dry lined walls and plaster dab solid walls

Features and Benefits

- Contributes to Part L's required air leakage performance
- Air permeability measured and verified by BRE at Part L's 50Pa as:
  - 0.24m3 (h.m2) under positive pressure test conditions
  - 0.30m3 (h.m2) under negative pressure test conditions
- Centrally and neatly contains the pipework during the plastering process
- Protects the pipework and plaster from direct chafing
- Replaces the requirement of electrical back boxes, intumescent foams or sealants
- Straight forward and quick face fix installation
- Projects by just 5mm from the wall
- Securely positions the pipework into the required direction for connection
- Eliminates pipework kinking

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Helping to meet Building Regulation:
  - Document Part L – Conservation of Fuel and Power
  - Document Part E – Resistance to Sound

Material and Colour Choice

- Main unit body – white Polypropylene
- Gasket seal entry and seals – light grey Thermoplastic Elastomer

Installation Advice

- Mark the centre of the exit hole with a cross on the wall; approximately 350mm above the floor and central to the final radiator position.
- Secure the pipework with pipe clips approximately 50mm above the marked 'X'.
- Cut a hole (86-102mm diameter or 90x90mm square) into the plasterboard. Ensure that the midpoint of the marked 'X' is in the centre.
- Feed the pipework loop through the hole and cut into 2 equal lengths.
- Position the unit over the hole and feed the pipework though until the unit is positioned into the hole.
- Mark the 3 screw hole locations onto the plasterboard and withdraw the unit to allow for the wall plug fixing.
- Feed the unit back on the pipework and offer the unit back into the hole - aligning the fixing points with the wall plug holes.
- Fully secure the unit by fixing 3 screws into the wall plugs.
- Decorators caulk or another suitable sealant may be required around the perimeter of the unit on uneven wall surfaces to achieve air leakage levels.

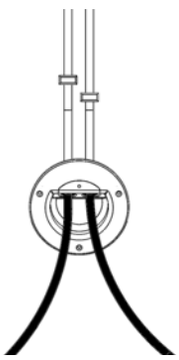
Product Code

Description	Diameter	Box Quantity	Product Code
Rad-Seal Recessed	140mm	20	1115

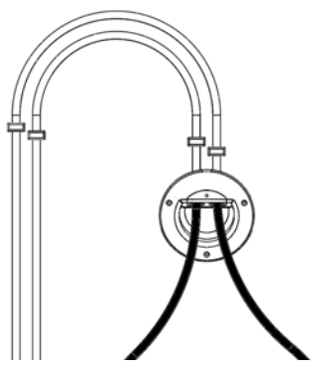
Technical Considerations

Accepts routed pipework from:

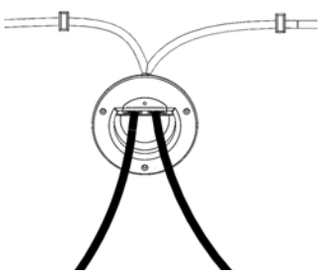
a. Ground floor routing



b. Upper floor routing



c. Horizontal routing



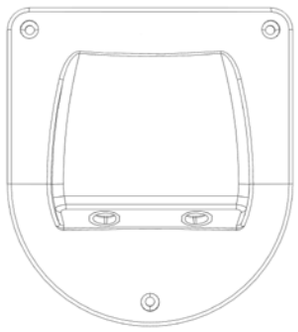
RAD-SEAL by timloc

Face-fix radiator pipe guide and seal designed to eliminate potential air leakage and heat loss at vulnerable through-wall radiator pipe work entry points

Use

- At the point of entry of through-wall 10mm plastic radiator pipework
- Within all wall constructions that present a concealed pipe void including:
- Studded dry lined walls
- Plaster dab slab walls

Front elevation



Side elevation

Features and Benefits

- Contributes to Part L's required air leakage performance
- Protects the pipework and plaster from direct chafing
- Straight-forward and quick face fix installation
- Projects by just 25mm from the wall
- Securely positions the pipework into the required direction for connection
- Eliminates pipework kinking

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Helps to meet:
  - Building Regulation Document Part L - Conservation of Fuel and Power
  - Building Regulation Document Part E - Resistance to Sound

Material and Colour Choice

- Main unit body - white Polypropylene
- Gasket seal entry and seals - light grey Thermoplastic Elastomer

Technical Considerations

- Accepts routed pipework from:

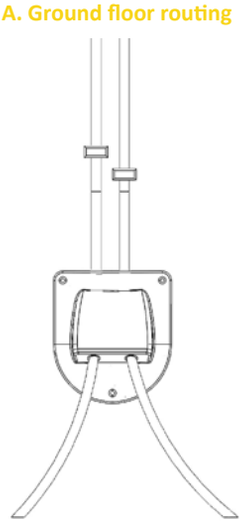
Installation Advice

- Please refer to our website www.timloc.co.uk for full recommended installation guidance

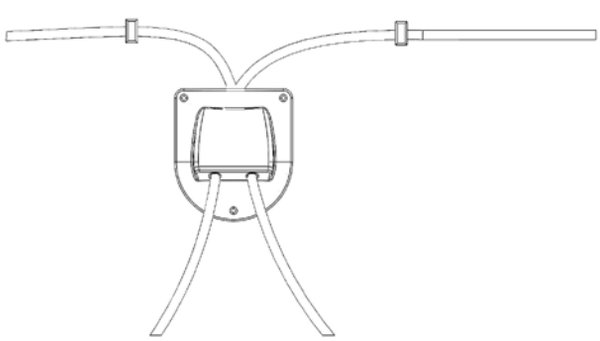
Product Code

Description	Height	Width	Box Quantity	Product Code
Rad-Seal Face-Fix	140mm	125mm	20	2221

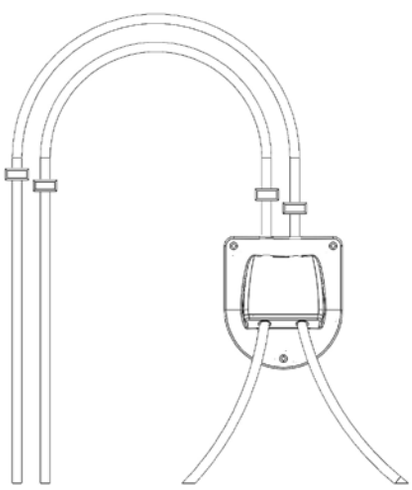
A. Ground floor routing

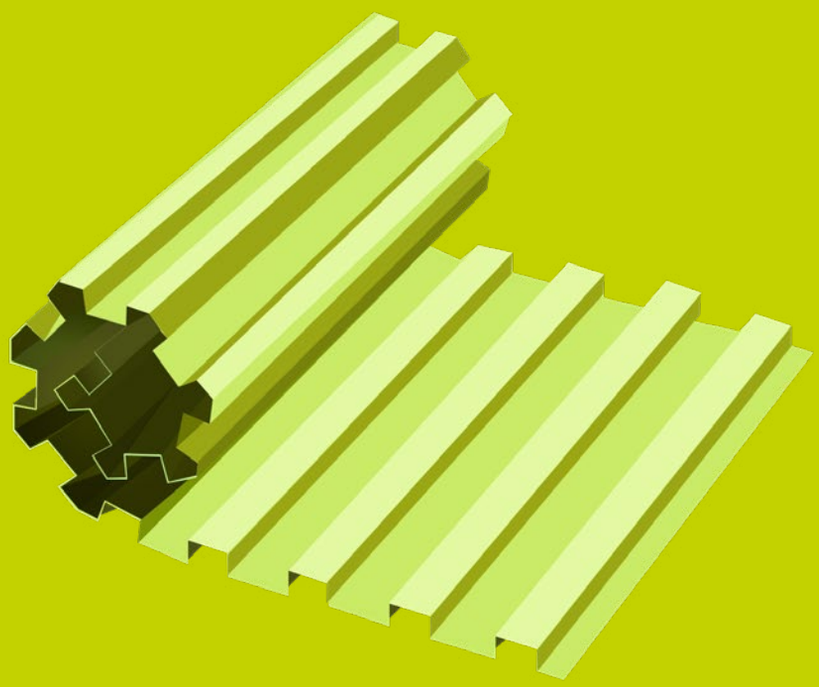


B. Horizontal routing



C. Upper floor routing





ROOFLINE

ROOFLINE

by timloc

Push-In Soffit Vent

Efficient, circular ventilator in a range of colours

Use

- For roof eaves ventilation
- For remedial work on existing roofs
- On roofs where ventilation equivalent to a continuous 10mm opening is required
- On roofs where the eaves incorporate a soffit board

Features and Benefits

- Efficient, unobtrusive and easy to fit
- Can be fitted to existing soffit boards in situ
- 4mm wide holes comply with BS 5250 : 2011
- Durable and totally resistant to decay
- UV stabilised and colourfast

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by injection moulding in polypropylene
- Available in grey, white, black or brown

Products in the System

Push in vents - 1139/1140/1141/1142

- All provide a free airflow of 2000mm2 per unit and should be spaced at 200mm centres to achieve ventilation equivalent to a continuous 10mm opening.

Installation Advice

- Use to ventilate pitched roofs, where the pitch of the roof is 15 degrees or more, and the roof void is attic or loft space
- Do not use to ventilate pitched roofs where the pitch of the roof is less than 15 degrees, flat roofs or any roof where living accommodation is contained within the roof space
- Space ventilators at 200mm centres
- Take care to ensure the fixing holes are cut accurately with a diameter of between 69-70mm. If the holes are oversize, the ventilators will not fix securely
- The ventilators should be a firm push fit into the fixing holes
- Ventilation must be provided for the full length of the eaves and along both sides of the building to create a cross flow ventilation action

Please see technical section for more details.

How to Order

- Specify which colour is preferred
- Measure the overall length of the eaves to be ventilated and divide by 200mm to determine the number of ventilators required

1139

1140

1141

1142

Bill of Quantity

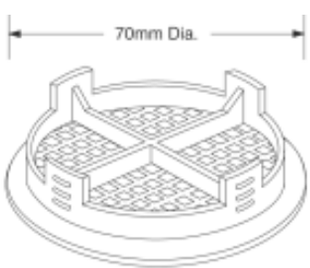
G20 Carpentry/Timber Framing/First Fixing
Clause
910^ | EAVES SOFFIT VENTILATION

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: 1139/1140/1141/1142
- Type: Push in Soffit Vent (70mm diameter)
- Colour: (Black, White, Brown, Grey)
- Airway: Provide the equivalent of a continuous opening of not less than 10mm for the full length of eaves.

Product Codes

Description	Colour	Pack Quantity	Product Code
Push in soffit vent	Grey	10	1139
Push in soffit vent	White	10	1140
Push in soffit vent	Black	10	1141
Push in soffit vent	Brown	10	1142

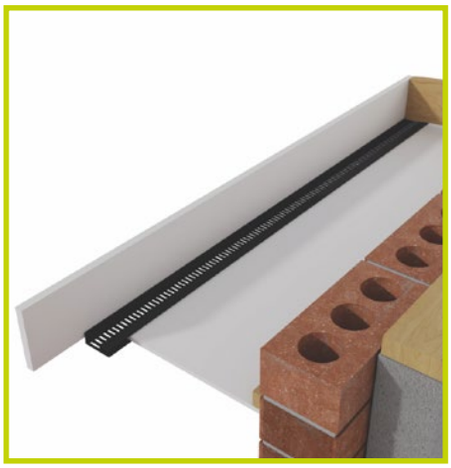
Product Dimensions



ROOFLINE by timloc

Soffit Vent Type C

Efficient, strip type eaves ventilator



Use

- For roof eaves ventilation
- On roofs where the eaves incorporate a soffit board
- With soffit boards of between 6mm and 9mm in thickness

Features and Benefits

- Efficient, unobtrusive and easy to fit
- 4mm wide slots comply with BS 5250 : 2011
- Durable and totally resistant to decay
- UV stabilised and colourfast

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by extrusion in UPVC
- Available in white or brown - 1137 also available in black

Products in the System

1137
- Provides ventilation equivalent to a continuous 10mm opening (10,000mm2 per metre run).

1138
- Provides ventilation equivalent to a continuous 25mm opening (25,000mm2 per metre run).
- Both products are supplied in 2.4m lengths.

Installation Advice

- Use product 1137 to ventilate pitched roofs, where the pitch of the roof is 15 degrees or more, and the roof void is attic or loft space
- Use product 1138 to ventilate pitched roofs, where the pitch of the roof is less than 15 degrees, flat roofs or any roof where living accommodation is contained within the roof space
- Ideally the soffit board should be 6mm in thickness. Thicker boards up to 9mm can be accommodated with care, but it may be necessary to chamfer the edge of the board to make installation easier
- Ensure the ventilator is fixed securely to the back of the fascia board using all the fixing holes provided. Screws are preferable, but nails may be used with care
- Ventilation must be provided for the full length of the eaves and along both sides of the building to create a cross flow ventilation action

Please see technical section for more details.

How to Order

- Determine whether the roof design requires ventilation equivalent to a continuous 10mm opening (1137), or 25mm opening (1138)
- Specify which colour is preferred
- Measure the overall length of the eaves to be ventilated and divide by 2.4m to determine the number of lengths required

Bill of Quantity

Soffit ventilator strip 2.4m type C (10mm airflow)

G20 Carpentry/Timber Framing/First Fixing
Clause
910^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Soffit boards: Fix to leave a continuous ventilation opening not less than 10mm wide for full length of eaves
- Fit a propriety Soffit Ventilator Strip Type C across the required opening to prevent large insect entry.
- Product Reference: 1137
- Type: Soffit Ventilator Strip 2.4m Type C (10mm Airflow)
- Colour: (Black, White, Brown)

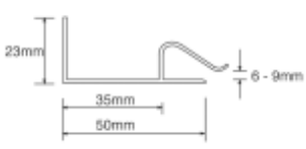
Soffit ventilator strip 2.4m type C (25mm airflow)

G20 Carpentry/Timber Framing/First Fixing
Clause
910^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Soffit boards: Fix to leave a continuous ventilation opening not less than 25mm wide for full length of eaves
- Fit a propriety Soffit Ventilator Strip Type C across the required opening to prevent large insect entry.
- Product Reference: 1138
- Type: Soffit Ventilator Strip 2.4m Type C (25mm Airflow)
- Colour: (White, Brown)

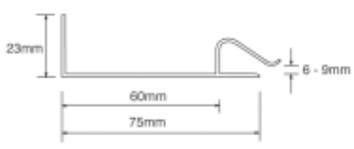
Product Codes

Free airflow	Vent type	Colour	Pack Quantity	Product Code
10,000mm² per meter	Slot	White	10	1137WH
10,000mm² per meter	Slot	Brown	10	1137BR
10,000mm² per meter	Slot	Black	10	1137BL
25,000mm² per meter	Slot	White	10	1138WH
25,000mm² per meter	Slot	Brown	10	1138BR

Product Dimensions



1137



1138

ROOFLINE by timloc

Corbel Vent

Specially designed for use with corbelled brickwork details

Use

- For roof eaves ventilation
- On roofs where ventilation equivalent to a continuous 10mm opening is required
- On roofs where the eaves are finished with corbelled masonry
- On roofs which do not incorporate a soffit board or fascia board

Features and Benefits

- Efficient, very unobtrusive and easy to fit
- Superior strength construction - will carry the weight of the bottom row of tiles
- Can be installed without having to drill the brickwork by using the special fixing clips provided and building them into the perp mortar joints
- 4mm wide ventilation slots comply with BS 5250 : 2011
- Durable and totally resistant to decay
- UV stabilised and colourfast
- Supplied in 2.4m lengths with a set of eight fixing clips per length

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by extrusion in UPVC
- Available in black only

Installation Advice

- Use to ventilate pitched roofs, where the pitch of the roof is 15 degrees or more, and the roof void is attic or loft space
- Do not use to ventilate pitched roofs where the pitch of the roof is less than 15 degrees, flat roofs or any roof where living accommodation is contained within the roof space
- Make sure each ventilator is fixed securely to the top row of corbelling using all eight clips provided
- It is advisable to provide a felt support above the corbel vent. This should project at least 15mm beyond the front of the vent to prevent felt from sagging between the rafters and to maintain a clear air path to the vent front
- Ventilation must be provided for the full length of the eaves and along both sides of the building to create a cross flow ventilation action

Please see technical section for more details.

How to Order

- Measure the overall length of the eaves to be ventilated and divide by 2.4m to determine the number of ventilators required

Bill of Quantity

G20 Carpentry/Timber Framing/First Fixing

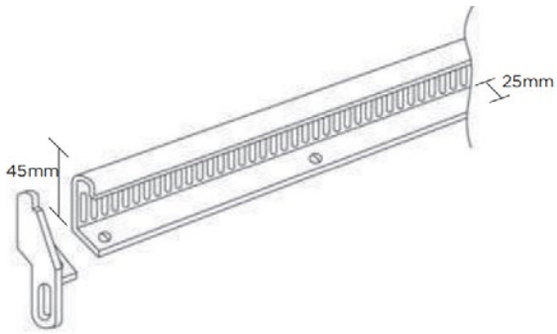
Clause
900^ | EAVES SOFFIT VENTILATION

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: 3012
- Type: Corbel Ventilator Strip 2.4m
- Colour: Black
- Airway: Provide the equivalent of a continuous opening of not less than 10mm for the full length of eaves.

Product Code

Free Airflow	Length	Vent Type	Pack Quantity	Product Code
10,000mm² per meter	2.4m	Slot	10	3012

Product Dimensions



ROOFLINE by timloc

Over Fascia Vent

Durable, multi-purpose ventilator in a range of colours

Use

- For roof eaves ventilation
- For flat roof abutment ventilation
- On roofs where the eaves incorporate a fascia board
- On roofs which do not incorporate a soffit board, or where an unbroken soffit board is required

Features and Benefits

- Very unobtrusive and easy to fit
- Superior strength construction - will carry the weight of the bottom row of tiles
- 4mm wide slots comply with BS 5250 : 2011
- Durable and totally resistant to decay
- UV stabilised and colourfast

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by injection moulding in high density polypropylene
- Available in white, black or brown

Products in the System

Over fascia vent - 3011
- Provides ventilation equivalent to a continuous 10mm opening (10,000mm^2 per metre run). Supplied in 300mm lengths.

Over fascia vent - 3011-25
- Provides ventilation equivalent to a continuous 25mm opening (25,000mm^2 per metre run). Supplied in 300mm lengths.

Installation Advice

- Use 3011 to ventilate pitched roofs, where the pitch of the roof is 15 degrees or more, and the roof void is attic or loft space
- Use 3011-25 to ventilate pitched roofs, where the pitch of the roof is less than 15 degrees, flat roofs or any roof where living accommodation is contained within the roof space
- Make sure each ventilator is fixed securely into the top of the fascia board using at least three screws or nails per ventilator
- On pitched roofs it is advisable to provide a felt support above the fascia ventilator, projecting at least 10mm beyond the front of the ventilator. This will prevent the felt from sagging behind the fascia board and will maintain a clear air path at the front
- When ventilating flat roof abutments with 3011-25 extra joinery work is essential - please consult the Timloc Technical Department
- Ventilation must be provided for the full length of the eaves and along both sides of the building to create a cross flow ventilation action

Please see technical section for more details.

How to Order

- Determine whether the roof design requires ventilation equivalent to a continuous 10mm opening (3011), or 25mm opening (3011-25)
- Specify which colour is preferred
- Measure the overall length of the eaves to be ventilated and divide by 300mm to determine the number of lengths required

Bill of Quantity

Over fascia ventilator 300mm (25mm airflow)

G20 Carpentry/Timber Framing/First Fixing
Clause
910^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: 3011
- Type: Over Fascia Ventilator (300mm) 10mm Airflow
- Colour: (Black, White, Brown)
- Airway: Provide the equivalent of a continuous opening of not less than 10mm for the full length of eaves.

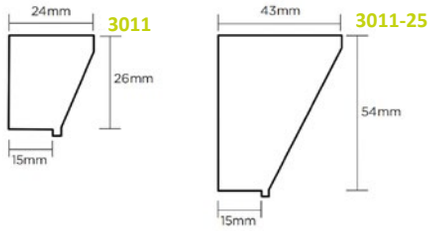
Over fascia ventilator 300mm (25mm airflow)

G20 Carpentry/Timber Framing/First Fixing
Clause
910^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: 3011-25
- Type: Over Fascia Ventilator (300mm) 25mm Airflow
- Colour: (Black, White)
- Airway: Provide the equivalent of a continuous opening of not less than 25mm for the full length of eaves.

Product Codes

Free airflow	Length	Colour	Pack Quanitity	Product Code
10,000mm^2 per meter	300mm	Black	10	3011BL
10,000mm^2 per meter	300mm	Brown	10	3011BR
10,000mm^2 per meter	300mm	White	10	3011WH
25,000mm^2 per meter	300mm	Black	10	3011/25BL
25,000mm^2 per meter	300mm	White	10	3011/25W

Product Dimensions



ROOFLINE

by timloc

1m Over Fascia Vent

Efficient, durable ventilator in convenient 1m lengths

Use

- For roof eaves ventilation
- For flat roof abutment ventilation
- On roofs where the eaves incorporate a fascia board
- On roofs which do not incorporate a soffit board, or where an unbroken soffit board is required

Features and Benefits

- Efficient, very unobtrusive and easy to fit
- Superior strength construction - will carry the weight of the bottom row of tiles
- 3.5mm - 4mm wide ventilation slots comply with BS 5250 : 2011
- Durable and totally resistant to decay
- UV stabilised and colourfast
- Supplied in convenient 1m lengths

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by injection moulding in polypropylene
- Available in black or white

Installation Advice

- Use OF1 to ventilate pitched roofs, where the pitch of the roof is 15 degrees or more, and the roof void is attic or loft space
- Use OF2 to ventilate pitched roofs, where the pitch of the roof is less than 15 degrees, flat roofs or any roof where living accommodation is contained within the roof space
- Make sure each ventilator is fixed securely into the top of the fascia board using screws or nails through each fixing hole provided
- On pitched roofs it is advisable to provide a felt support above the fascia ventilator. This will prevent the felt from sagging behind the fascia board and will maintain a clear air path at the front
- When ventilating flat roof abutments with OF2 some extra joinery work is essential - see the illustration above
- Ventilation must be provided for the full length of the eaves and along both sides of the building to create a cross flow ventilation action
- Please see technical section for more details

How to Order

- Determine whether the roof design requires ventilation equivalent to a continuous 10mm opening (OF1) or 25mm opening (OF2)
- Measure the overall length of the eaves to be ventilated and divide by 1m to determine the number of ventilators required

Bill of Quantity

Over fascia ventilator 1000mm (10mm airflow)

G20 Carpentry/Timber Framing/First Fixing
Clause
910^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: OF1
- Type: Over Fascia Ventilator (1000mm) 10mm Airflow
- Colour: (Black, White)
- Airway: Provide the equivalent of a continuous opening of not less than 10mm for the full length of eaves.

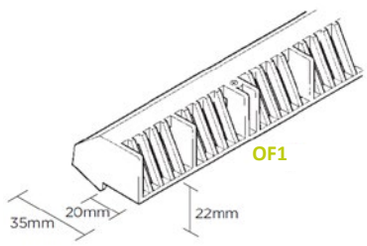
Over fascia ventilator 1000mm (25mm airflow)

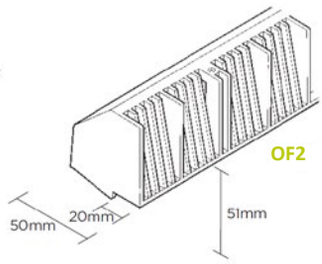
G20 Carpentry/Timber Framing/First Fixing
Clause
910^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park,
- Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: OF2
- Type: Over Fascia Ventilator (1000mm) 25mm Airflow
- Colour: (Black, White)
- Airway: Provide the equivalent of a continuous opening of not less than 25mm for the full length of eaves.

Product Codes

Free airflow	Length	Colour	Pack Quantity	Product Code
10,000mm²	1m	Black	25	OF1BL
10,000mm²	1m	White	25	OF1WH
25,000mm²	1m	Black	20	OF2BL
25,000mm²	1m	White	20	OF2WH

Product Dimensions





ROOFLINE by timloc

Over Fascia Ventilation System

Efficient, durable, single product multi-function ventilation system

Use

- For roof eaves ventilation
- On roofs where the eaves incorporate a fascia board
- On roofs which do not incorporate a soffit board or where an unbroken soffit board is required

Features and Benefits

- Provides ventilation equivalent to a continuous 10mm opening (10,000mm2 per metre run) and is supplied in 900mm lengths.
- Efficient, very unobtrusive and easy to fit
- Superior strength construction - will carry the weight of the bottom row of tiles
- Performs several functions in a single product - over fascia ventilator, felt support/eaves protector and eaves comb filler
- 4mm wide ventilation slots comply with BS 5250 : 2011
- Durable and totally resistant to decay
- UV stabilised and colourfast
- Supplied in convenient 900mm lengths

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS IN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by injection moulding in high density polypropylene
- Available in black only

Installation Advice

- Use to ventilate pitched roofs, where the pitch of the roof is 15 degrees or more, and the roof void is attic or loft space
- Make sure each ventilator is fixed securely into the top of the fascia board using screws or nails through the fixing holes provided
- Products designed so that the roofing felt will be cut back flush with the edge of the fascia board, and not dressed out into the gutter
- Ventilation must be provided for the full length of the eaves and along both sides of the building to create a cross flow ventilation action

Please see technical section for more details.

How to Order

- Specify product code with C if integral eaves comb filler is needed
- Measure the overall length of the eaves to be ventilated and divide by 900mm to determine the number of ventilators required

Bill of Quantity

Over fascia ventilation system 900mm (10mm airflow)

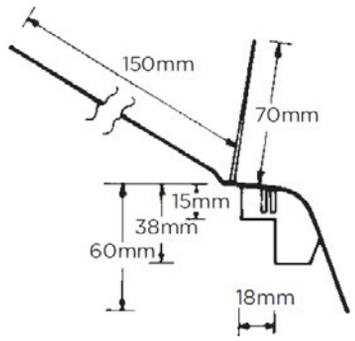
G20 Carpentry/Timber Framing/First Fixing
Clause
910^ EAVES SOFFIT VENTILATION

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: 3014C or 3014
- Type: Over Fascia Ventilation System (900mm) 10mm Airflow
- Colour: Black
- Airway: Provide the equivalent of a continuous opening of not less than 10mm for the full length of eaves.

Product Codes

Free airflow	Length	Eaves comb	Product code
10,000mm² per meter	900mm	Yes	3014C
10,000mm² per meter	900mm	No	3014

Product Dimensions



ROOFLINE by timloc

Roll Form Eaves Vent Roll Out Rafter Tray

Roll out system to maintain ventilation between insulation and roofing felt

Use

- For pitched roof eaves ventilation
- On standard pitched roofs where the pitch is 15 degrees or more and the roof void is an attic or loft space
- On roofs with rafter spacings of between 400mm and 600mm centres

Features and Benefits

- Durable, totally resistant to decay, easy to fit
- Supplied in convenient 6m rolls
- Suitable for new build and refurbishment projects

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS IN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured by vacuum forming in UPVC
- Available in black only

Installation Advice

- Unroll the ventilator along the rafters along the full length of the eaves and along both sides of the building to create a cross flow ventilation action
- Position centrally above the wall plate. This is the narrowest part of the roof where the roof insulation is most likely to constrict the airflow
- Push the corrugations down over the top of the rafters and secure using clout nails or staples

How to Order

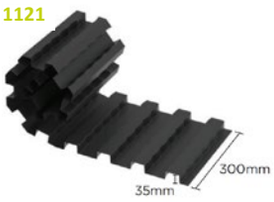
- Measure the overall length of the eaves to be ventilated and divide by 6m to determine the number of rolls of ventilator required

Product Codes

Depth of ventilation channel	Width	Length	Pack Quantity	Product Code
>25mm	300mm	6m	10	1121
>25mm	400mm	6m	12	1171
>25mm	600mm	6m	5	1131
>25mm	800mm	6m	6	1151

Products in the System

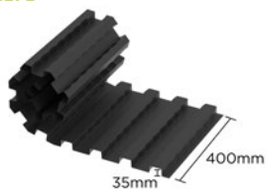
1121



1121
300mm roll form eaves vent
Single row of 300mm roll panel coverage suitable for:

Insulation depth	Min roof pitch °
225mm	40°
250mm	45°

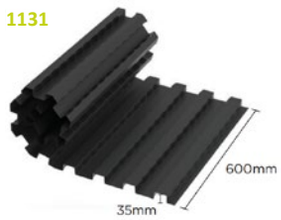
1171



1171
400mm roll form eaves vent
Single row of 400mm roll panel coverage suitable for:

Insulation depth	Min roof pitch °
225mm	32.5°
250mm	37.5°
300mm	48.5°

1131



1131
600mm roll form eaves vent
Single row of 600mm roll panel coverage suitable for:

Insulation depth	Min roof pitch °
225mm	20°
250mm	22.5°
300mm	27.5°
400mm	37.5°

1151

1151
800mm roll form eaves vent
Single row of 800mm roll panel coverage suitable for:

Insulation depth	Min roof pitch °
225mm	17.5°
250mm	20°
300mm	22.5°
400mm	30°

ROOFLINE by timloc

6m Eaves Vent Pack

A complete, easy-to-fit ventilation system in one pack

Use

- For pitched roof eaves ventilation
- On standard pitched roofs
- On roofs with rafter spacings of between 400mm and 600mm

Features and Benefits

- Efficient and easy to fit
- Durable and totally resistant to decay
- Complete eaves ventilation in a single pack

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Over fascia ventilators are manufactured by injection moulding in polypropylene. Roll form eaves vent and felt support panels are produced by vacuum forming in UPVC
- Available in black only

Products in the System

1m over fascia ventilator - OF1 (EVP6) or OF2 (EVP25)
Six lengths are included in the pack.

Roll form eaves ventilator - 1121 (300mm) or 1131 (600mm)
One 6m roll is included in the pack.

Felt support panel - 1128
Ten 600mm lengths are included in the pack.

EVP6 & EVP6/25
Single row of 300mm roll panel coverage suitable for:

Insulation depth	Min. roof pitch (deg)
100mm	17.5°
150mm	25°
200mm	35°
225mm	40°
250mm	45°

EVP6/600 & EVP6/25600
Single row of 600mm roll panel coverage suitable for:

Insulation depth	Min. roof pitch (deg)
100mm	10°
200mm	17.5°
225mm	20°
250mm	22.5°
270mm	25°
300mm	27.5°
350mm	32.5°
400mm	37.5°

Installation Advice

Roll form eaves vents

- Unroll the ventilator along the rafters along the full length of the eaves. Position centrally above the wall plate. This is the narrowest part of the roof where the roof insulation is most likely to constrict the airflow. Push the corrugations down over the top of the rafters and secure using clout nails or staples.

Over fascia vents

- Fix ventilators to the top edge of the fascia board using screws or nails through the fixing holes provided. Ventilation must be provided for the full length of the eaves and along both sides of the building to create a cross flow ventilation action. Felt support panels fit directly on top of the over fascia vent. Secure with clout nails driven into the top of the fascia board through the slots in the over fascia vent. Ensure each panel is allowed to overlap the next. Allow the rear of the panel to lay back on to the rafters.

How to Order

- Measure the overall length of the eaves to be ventilated and divide by 6m to determine the number of packs required.

Product Codes

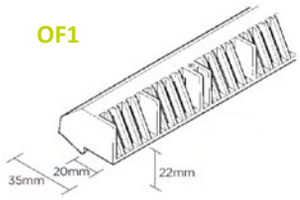
Free airflow	Roll form vent width	Length	Product code
10,000mm² per meter	300mm	6m	EVP6
25,000mm² per meter	300mm	6m	EVP6/25
10,000mm² per meter	600mm	6m	EVP6/600
25,000mm² per meter	600mm	6m	EVP6/25600

NB. EVP6-25 contains a 25mm deep roll form eaves vent not 50mm.

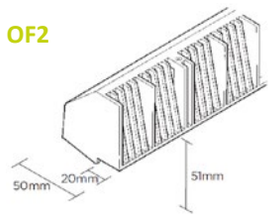
1121

1131

OF1



OF2



1128

ROOFLINE

by timloc

Felt Support Tray

Designed to prevent damage to roofing felt

Use

- At the eaves of a roof to support and protect roofing felt
- For remedial work to replace worn or perished roofing felt

Features and Benefits

- Effective, quick and easy to fit
- Improves performance of other roofing materials
- Ideal for remedial work
- Durable and totally resistant to decay
- Supplied in convenient 1.5m lengths

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Extruded in UPVC
- Available in black/dark grey

Installation Advice

- Fit on the top of the fascia board below roofing felt, allowing a 150mm overlap where pieces join
- Secure with clout nails and fold back the rear flap to rest on the rafters

How to Order

- Measure the overall length of the eaves to be protected and divide by 1.35m to determine the number of protectors required

Bill of Quantity

G20 Carpentry/Timber Framing/First Fixing

Clause

900^ EAVES SOFFIT VENTILATION

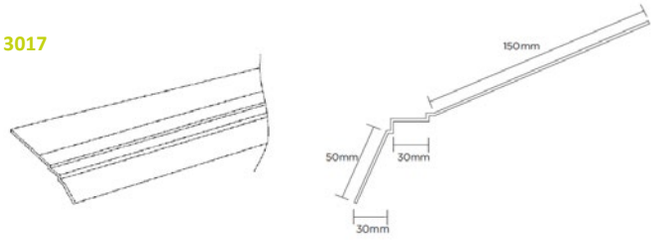
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: 3017
- Type: Protector (1500mm)
- Colour: Black

Product Codes

Description	Pack Quantity	Product Code
Felt support tray 1500mm	10	3017
Felt support tray 600mm	20	1128

Product Dimensions

3017



ROOFLINE by timloc

Eaves Comb Filler

Designed to prevent entry of birds and vermin below profiled roof tiles

Use

- At the eaves of a roof
- Below profiled roof tiles to exclude birds and vermin

Features and Benefits

- Effective, quick and easy to fit
- Durable and totally resistant to decay
- Supplied in convenient 1m lengths

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Injection moulded in polypropylene
- Available in black only

Bill of Quantity

G20 Carpentry/Timber Framing/First Fixing

Clause
900^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: 1136
- Type: Eaves Comb Filler (1000mm)
- Colour: Black

Installation Advice

- Fit on the top of the fascia board before tiles are laid. The comb must angle outwards away from the roof
- Secure with clout nails through the holes provided
- Bed bottom row of tiles on to the comb

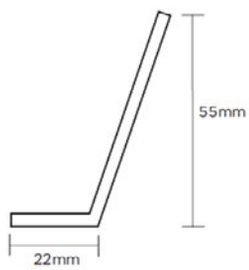
How to Order

- Measure the overall length of the eaves and divide by 1m to determine the number of combs required

Product Codes

Depth of Comb	Length	Pack Quantity	Product Code
55mm	1m	50	1136

Product Dimensions



ROOFLINE by timloc

Tile Ventilators

Ventilators to suit most common styles of roof tiles

TV8

TV62FRA
Sepia

TV62MEN
Terracotta

TV62MLM
Red

TV62MDA
Anthracite

Use

- To provide inconspicuous ventilation to suit most types of roof tiles
- Suitable for high or low level venting
- Can be used for mechanical extraction or with soil pipes

Features and Benefits

- High performance while retaining the aesthetics of roof design
- Suitable for use with a wide range of roof tile profiles
- Range of standard colours and profiles
- UV stable for continuous exposure
- Quick to install, requiring no special tools or maintenance

Quality

- Satisfies all NHBC requirements
- Meets requirements of Building Regulations Approved Document Part F1, Part F2 and BS 5250:2011 'Code of practice for control of condensation in buildings'

Material and colour choice

- TV8 in PVC-u
- TV62 in polypropylene
- Available in terracotta, red, sepia and anthracite

Products in the System

TV8 plain tile ventilator

- For small, non- interlocking clay and concrete plain tiles. It is suitable for high/low level venting in roofs with minimum pitches of 35° (clay tiles) and 40° (concrete tiles). Each vent has a slotted inhibitor to keep out large insects and vermin and requires a minimum of batten and tile trimming during installation. Free vent area 7500mm².

TV62 profiled tile ventilator

- Profiles to suit most common styles of interlocking roof tiles.
- Suitable for high or low level venting in roofs with pitches of 22.5° and over and can be used to supplement or replace other ventilation such as dry ridge, abutment or eaves systems. Also suitable for ventilation of compartmental roof spaces, such as fire walls. Free vent area 10,000 mm².

Installation Advice

- For TV8 a 'V' cut is made immediately below the batten. The "pennant" is pulled up tightly round the batten and pinned in place
- For TV62 at each ventilating tile position the underlay must be cut to form the required opening and its edge folded, and where necessary, supported to prevent the ingress of water. The vents are then laid and fixed by the roofer in place of an ordinary tile

How to Order

- Determine the quantity required according to the use for which the ventilator is being put, specify the type of tile being used and the colour.

Bill of Quantity

G20 Carpentry/Timber Framing/First Fixing

Clause

900^ EAVES SOFFIT VENTILATION

- Manufacturer: **Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk**
- **Product Reference: TV8/TV62 MEN etc**
- **Type: Plain Tile Ventilator/Profiled Tile Ventilator**
- **To suit Tile: Plain Tile/Profiled Tile Marley etc**
- **Colour: Terracotta/Red/Sepia/Anthracite**

Product Codes

Available in Terracotta, red, sepia and anthracite

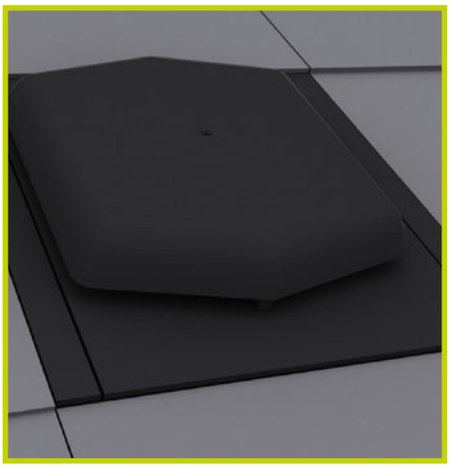
Description	Suitable for	Product Code
Inline plain tile vent		TV8*
Plain tile venti adaptor		TV8AD
Inline profiled tile vent	Marley Mendip Redland Grovebury and similar profiles	TV62MEN*
Inline profiled tile vent	Marley Modern Russell Grampian Redland Mini Stoneworld and similar profiles	TV62MDA*
Inline profiled tile vent	Marley Ludlow and similar profiles	TV62MLM*
Inline profiled tile vent	Marley Double Roman Russell Double Roman Redland Landmark Double Roman Sandtoft Double Roman and similar profiles	TV62FRA*
Profiled tile vent adaptor		TV62AD

* Include colour choice option (TE=Terracotta, RE=Red, SE=Sepia, AN=Anthracite)

ROOFLINE by timloc

Universal Slate Ventilator

Ideal for new build and existing roof applications



Use

- For replacement of one normal roof slate to provide a ventilator
- Ventilating a roof space at low level or high level
- Connection to mechanical extraction from kitchen/bathrooms
- Ventilation outlet for soil vent pipe
- Roof pitches over 22.5°

Features and Benefits

- Free vent area of 10,000mm2
- Suits slate sizes 610mm x 305mm or 510mm x 255mm
- Inconspicuous low hood design
- Can be combined with pipe adaptor kit to enable connection of 110mm soil vent pipe and/or mechanical extractor

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from polypropylene
- Available in black only

Products in the System

Slate ventilator - 4001
- Provides free vent area of 10,000mm².

Pipe adaptor kit - 4101
- Fits to the underside of the slate vent to allow a standard
- 110mm soil vent pipe to be connected, kit includes pipe adaptor, 0.5mtr flexible PVC pipe and fixing tie.

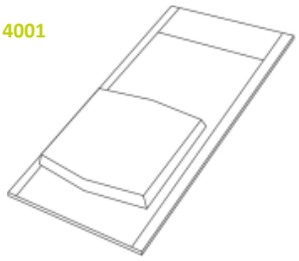
Pipe adaptor only - 4102

Flexible PVC pipe (0.5m long) only - 4103

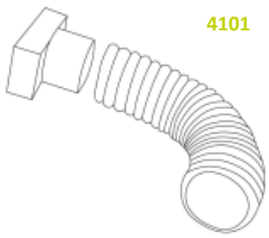
Installation Advice

- When fixed at 1 metre centres and at a minimum of 1 metre up from the eaves, a ventilation property equivalent to a 10mm continuous air gap is achieved
- Use product as supplied for the larger slate option (610mm x 305mm)
- Cut product along guide lines for smaller slate option (510mm x 255mm)
- The ventilator replaces one normal slate
- The two roof slates directly beneath the ventilator must be cut to accommodate the felt penetration sleeve on the rear of the slate vent (cut away the minimum possible to achieve a tight fit using the slate ventilator as a template)
- Cut an X into the felt 200mm x 105mm at the point of the felt penetration sleeve, fold up/outwards the four triangular flaps to form an aperture 200mm x 105mm which will accommodate the sleeve, nail the top flaps over the battens
- Position the vent and nail into the batten through the nail slots provided
- Secure the front of the vent using a copper disc rivet
- Connect pipe adaptor kit to underside of slate vent if required

4001



4101



Bill of Quantity

G20 Carpentry/Timber Framing/First Fixing

Clause
900^ EAVES SOFFIT VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. Tel: 01405 765567 Web: www.timloc.co.uk
- Product Reference: 4001
- Type: Universal Slate Ventilator (610mm x 305mm)
- Colour: Black
- Airway: Provide the equivalent of a continuous opening of not less than 10mm for the full length of eaves.
- Optional Accessories: e.g. 4101 Pipe Adaptor Kit (Black)

Product Codes

Description	Colour	Effective Free Area	Product Code
Slate ventilator	Black	10,000m²	4001
Pipe adaptor kit	Black		4101
1m pipe adaptor only	Black		4102
Flexible PVC pipe only	White		4103

ROOFLINE by timloc

Lap Vent

Refurbishment ventilator for existing roof spaces

Use

- Designed to increase existing ventilation into roof spaces
- Remedial solution for combating condensation in cold roof voids
- To separate lap joints in roofing felt/membranes
- Fitted retrospectively after increased loft insulation

Features and Benefits

- Smooth profile design
- Easy installation
- 2 felt clips to secure in place

Technical Information

- 3000mm² free airflow per unit
- Suitable for rafter spacings from 400mm centres
- Designed only to enhance existing ventilation via felt/membrane lap joints
- Consideration must be given to increased risk of wind uplift and driving rain resistance outlined in BS5534:2014

Quality

- Manufactured to BS EN 9001 and BS EN 14001

Material and Colour Choice

- Injection Moulded recycled Polypropylene
- Black

Installation Advice

- Allowing ventilation between roofing felt/membranes is secondary to eaves and/or ridge ventilation
- Lap vent simply slots between roof felt/membranes laps
- Position the lap vent clips facing down to then hang on roofing felt/membrane when in postition
- Initially install lap vents to alternate rafter spacings, 1 Lap vent required per roof rafter spacing
- Firstly, Lap vents are to be fitted at low level above the line of any loft space ceiling insulation
- To generate cross flow ventilation the lap vents must be fitted to both sides of the roof space
- If further ventilation is required install lap vents to each rafter spacing and/or to high level in same rafter space as installed low level lap vents.
- The lap vents alone will not meet roof ventilation requirements and we recommended referring to BS5250

N.B. By specifying the Lap Vent, you acknowledge that the wind uplift loads on the tiles/slates and driving rain resistance of the membrane can be adversely affected

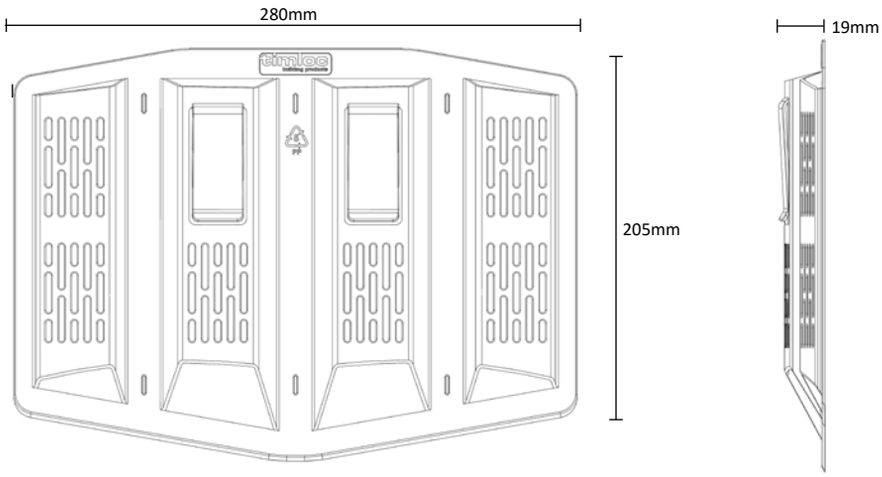
How to Order

- Calculate quantity of lap vents based on the level of ventilation required
- For typical installation allow 1 lap vent per alternate rafter spacing at low level
- Increase ventilation by allowing additional lap vents at high level
- For maximum ventilation allow lap vents to every rafter spacing

Product Code

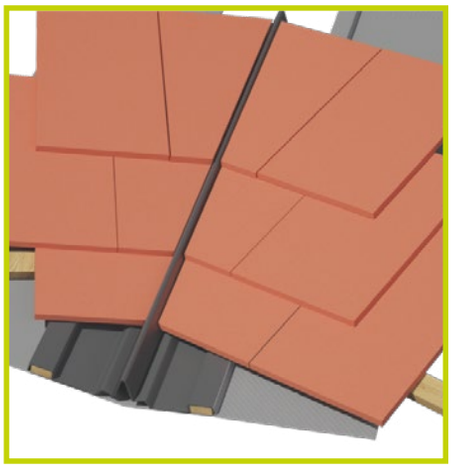
Height	Width	Length	Airflow	Colour	Pack Quantity	Product code
19mm	280mm	205mm	3000mm²	Black	10	5560

Product Dimensions



ROOFLINE by timloc

Dry Fix GRP Valley Troughs



Mortar-less roof drainage dry valley systems. Provides quicker, safer and simpler installation processes compared to traditional wet fix and lead alternatives.

Use

- Valley troughs provide a weatherproof drainage channel where there are changes in direction or material in the roof structure
- Suitable for:
  - concrete or clay roof tiles
  - natural and man-made roof slates
- On roof pitches up to 60°
- Featuring a 110mm up-stand to suit natural or manmade slate and concrete and clay roof tiles.

Features and Benefits

- Robust and cost effective material with no scrap or resale value
- Maintenance free, light and easy to handle and cut
- Substantially quicker installation time than mortar based process
- Adequate flexibility for roof pitch variation
- Can be installed in virtually all weather conditions
- UV inhibiting film restricts mould and fungal growth
- Flexible closer material enables precise fitting to troughs and other materials
- Valley troughs supplied in 3m lengths

Quality

- Complies with the NFRC Technical Bulletin – 28
- Satisfies NHBC requirements
- BBA Approved
- Fire rated to BS 476 part 3 – SAB & BS 476 part 7 Class 3

Material and Colour Choice

- Glass reinforced polyester
- 'Lead' grey colour

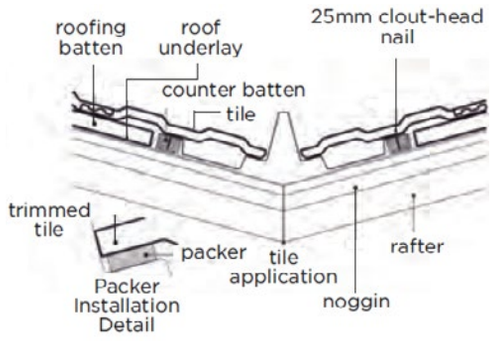
How to Order

- Measure the valley length up the slope and divide by 3 (product length) to determine the quantity of dry fix GRP valley troughs required
- Allow a minimum vertical overlap of 150mm lap if it's necessary to join valley rough sections together

Installation Advice

- Valley boards must be installed to support the valley trough. This is a requirement of the NHBC Standards
- The underlay material and battens should be fixed in accordance with the standard roofing best practice; with a batten running the length of the valley on each side to accommodate the dry fix valley trough's water bar section
- Valley troughs are fitted onto the valley boards and should be firmly fixed from the eaves closure section upwards using suitable large headed roofing nails on either side
- All overlap troughs should be at least 150mm when measured in the vertical. Care should be taken to ensure than the central raised section is positioned central to the valley
- If the valley trough finishes at a ridge with a corresponding valley, the head closer units can be used
- Head closer must overlap both valley troughs by 150mm to form a neat waterproof seal
- Tiles or slates being laid into and over the troughs should be laid in accordance with the manufacturer's recommendations
- When the slating/tiling has been completed, the eaves closer unit should be cut with a sharp knife or scissors to allow water discharge into the rain water gutter
- It is important to ensure that the valley troughs are cleared of any debris on completion to ensure that water flow is not impeded
- The installation of GRP valley troughs and roof slating/tiling must be carried out in accordance with all relevant British Standard clauses

Product Detail



Packer Installation Detail

Product Code

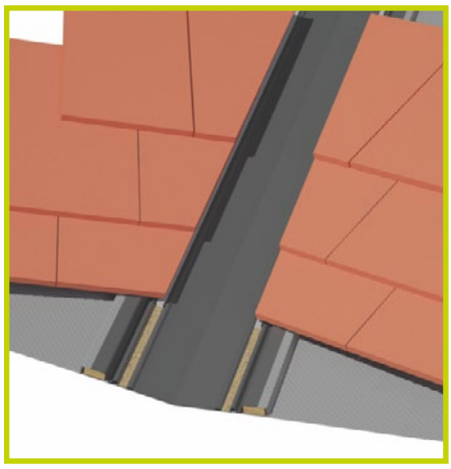
Description	Dimensions (W x L)	Up-stand Height	Product Code
Dry fix GRP universal valley trough for slate and tile*	400 x 3000mm	110mm	88106

*Supplied with flexible self-adhesive packers

ROOFLINE by timloc

Valley Troughs and Joining Strips

Durable products for any type of roof tile or slate covering



Use

- On roofs constructed in concrete or clay tiles, or in natural or man-made slates
- Valley trough - At roof valley intersections to provide a weatherproof drainage channel at the point where cut tiles or slates meet
- Valley trough - As a cost-effective alternative to traditional lead lined valleys
- Valley trough - On roofs with a pitch of between 15 - 60 degrees
- Joining strip - As an aid to remedial work where new, or dissimilar tiles or slates are laid up to an existing roof covering
- Joining strip - To form a weatherproof channel at the point where the two types of roof tile or slate meet

Features and Benefits

- Light and easy to handle
- More cost-effective than lead
- Of no value to thieves
- Quick and easy to install
- Special gel coat finish provides added long term durability
- Available in 3m lengths in packs of 10
- BBA Approved

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured in GRP (glass reinforced polyester)
- Available in dark grey only

Products in the System

Universal valley trough
- Suitable for all types of roof covering.

Slate valley trough
- Specifically designed for roofs constructed of natural or man-made slates.

Joining strip
- For applications where dissimilar roof coverings meet.

Installation Advice - Valley Troughs

- Valley boards must be installed to support the valley trough. This is a requirement of the NHBC Standards
- The valley bottom should be lined with a continuous strip of roofing felt to run the full length of the valley from eaves to ridge. The main roofing felt should then be lapped over into the valley bottom
- Valley trough edges must be supported on counter battens and secured with galvanised clout nails at not more than 1m centres
- It is important to ensure that the centre of the valley trough is pushed down firmly into the valley bottom before it is fixed
- Tiles should be bedded on to mortar laid on the sand impregnated strips which are factory bonded on to the valley trough
- Slates should be secured with clips or rivets in the usual way

Installation Advice - Joining Strips

- Strip back the roof covering over the party wall to provide room to work
- Make good the roofing felt and battens over the party wall
- Position the joining strip on top of the battens, directly over the party wall, and secure to the battens using galvanised clout nails through the outer flange of the joining strip
- Make good the roof tiles or slates ensuring that they meet half way across the joining strip and are bedded on to a strip of mortar
- Please see technical section for more details

How to Order

- Measure the valley length up the slope and divide by 3m to determine the quantity of valley troughs required
- Allow a minimum of 150mm lap if it is necessary to join valley sections

Bill of Quantity

H60 Plain Roof Tiling

Clause

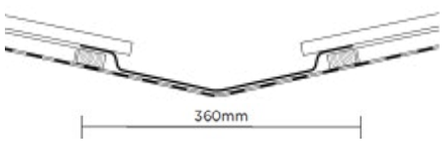
605^ GRP VALLEYS
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Product Reference: Eg. VALLEYTHROUGH
- Type: Valley Trough/Joining Strip for Tile or Slate Roofs
- Roof Tiles: Cut adjacent tiles to fit neatly.
- Bedding. On mortar as clause 290 on GRP valleys

Product Codes

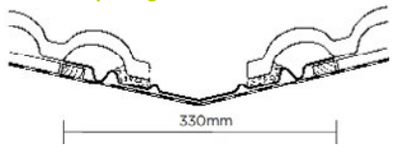
Description	Length	Pack Quantity	Product Code
Universal valley trough	3m		VALLEYTROUGH
Slate valley trough	3m		VALLEYTROUGH/SL
Joining strip	3m		JOININGSTRIP

Product Dimensions

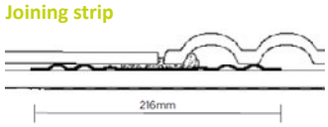
Universal valley trough



Slate valley trough



Joining strip



ROOFLINE by timloc

6m Roll Out Dry Fix Ridge Kit

Convenient ‘1 pack’ mechanical fix solution for roof ridge installations.

Use

- Most types of slate, concrete or clay roof tiles
- Round or angled ridge tiles
- Most pitched roof types from 15-55°
- New build and retro-fit projects

Features and Benefits

- Preassembled fixing screws and clamping plates
- Ridge union with adjustable clip positions for ridge tile thickness
- Universal ridge batten strap for ease and flexibility
- Long lasting, reliable and virtually maintenance free
- Protects against wind uplift, water ingress and general deterioration
- Provides 5000mm²/m (5mm continuous) ridge ventilation
- Easy, fast, clean and generally safer mortar free installation
- Can be installed in virtually all wet and cold weather conditions
- Water resistant yet air permeable membrane roll
- Strong, malleable and corrosion resistant aluminium flashing secured to roll
- 55mm wide ridge union width provides additional water bar protection
- Assurance of stainless steel clamping plates
- Maintains consistently smart appearance
- Not impacted by building settlement
- Helps prevent entry of large insects, birds and vermin into the roofline

Quality

- Helping to meet:
  - BS 5534 Code of practice for slating and tiling
  - BS 5250 Code of practice for control of condensation in buildings
- Complies with all other relevant regulations and standards
- Independently tested and complies with BS 8612

Material and Colour Choice

- Ridge unions and clips manufactured from UV protected and colour fast polypropylene
- Water resistant and ventilated roll membrane with attached self-adhesive and coloured aluminium flashing
- Galvanised steel ridge batten straps
- Stainless steel screws and clamping plates
- Available in black, terracotta or brown
- All kits are supplied with black ridge unions and clips

Installation Advice

- Please refer to www.timloc.co.uk for recommended installation guidance.

Components Supplied in the Pack

- 1 x 6m vent roll membrane with self-adhesive flashing
- 13 x fixing screws and clamping plates
- 13 x ridge unions
- 26 x ridge union clips
- 10 x ridge batten straps

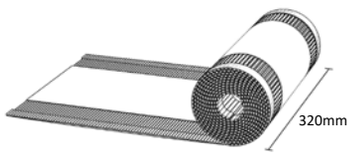
How to Order

- Select the relevant 6m roll out dry fix ridge kit colour for the project
- Order 1 pack for roof ridge lengths up to 6m
- Sequential packs can be installed
- Please allow for a minimum roll membrane overlap of at least 150mm

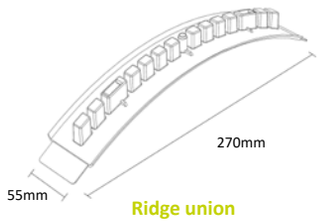
Product Codes

Description	Colour	Product Code
6m roll out dry fix ridge kit	Black	54700
6m roll out dry fix ridge kit	Terracotta	54701
6m roll out dry fix ridge kit	Brown	54702
13x ridge unions & 26x ridge clips	Black	54618
13x fixing screws & clamping plates	NA	54626

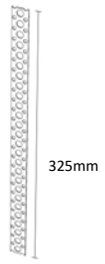
Product Dimensions



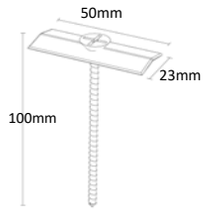
6m ridge roll



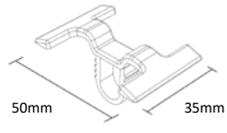
Ridge union



Ridge batten strap



Screw & clamping plate



Ridge union clips

ROOFLINE by timloc

6m Roll Out Dry Fix Hip Kit

Convenient ‘1 pack’ mechanical fix solution for roof hip installations.

Use

- Most types of slate, concrete or clay hip tiles
- Round or angled hip tiles
- Most pitched roof types from 15-55°
- New build and retro-fit projects

Features and Benefits

- Preassembled fixing screws and clamping plates
- Ridge union with adjustable clip positions for ridge tile thickness
- Universal ridge batten strap for ease and flexibility
- Long lasting, reliable and virtually maintenance free
- Protects against wind uplift, water ingress and general deterioration
- Provides 5000mm²/m (5mm continuous) ridge ventilation
- Easy, fast, clean and generally safer mortar free installation
- Can be installed in virtually all wet and cold weather conditions
- Water resistant yet air permeable membrane roll
- Strong, malleable and corrosion resistant aluminium flashing secured to roll
- 55mm wide ridge union width provides additional water bar protection
- Assurance of stainless steel clamping plates
- Maintains consistently smart appearance
- Not impacted by building settlement
- Helps prevent entry of large insects, birds and vermin into the roofline

Quality

- Helping to meet:
  - BS 5534 Code of practice for slating and tiling
  - BS 5250 Code of practice for control of condensation in buildings
- Complies with all other relevant regulations and standards
- Independently tested and complies with BS 8612

Material and Colour Choice

- Ridge unions and clips manufactured from UV protected and colour fast polypropylene
- Water resistant and ventilated roll membrane with attached self-adhesive and coloured aluminium flashing
- Galvanised steel ridge batten straps
- Stainless steel screws and clamping plates
- Available in black, terracotta or brown
- All kits are supplied with black ridge unions and clips

Installation Advice

- Please refer to www.timloc.co.uk for recommended installation guidance.

Components Supplied in the Pack

- 1 x 6m vent roll membrane with self-adhesive flashing
- 13 x fixing screws and clamping plates
- 13 x ridge unions
- 26 x ridge union clips
- 10 x ridge batten straps
- 6 x hip trays

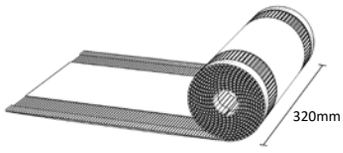
How to Order

- Select the relevant 6m roll out dry fix hip kit colour for the project
- Order 1 pack for roof hip lengths up to 6m
- Sequential packs can be installed
- Please allow for a minimum roll membrane overlap of at least 150mm

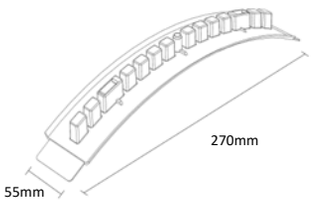
Product Codes

Description	Colour	Product Code
6m roll out dry fix hip kit	Black	54710
6m roll out dry fix hip kit	Terracotta	54711
6m roll out dry fix hip kit	Brown	54712
6x dry fix hip tray only pack	Black	44623
13x ridge unions & 26x ridge clips	Black	54618
13x fixing screws & clamping plates	NA	54626

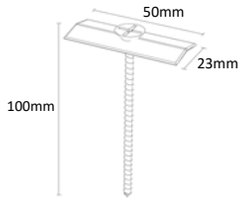
Product Dimensions



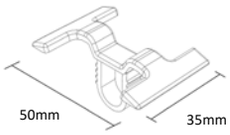
6m ridge roll



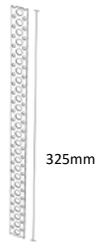
Ridge union



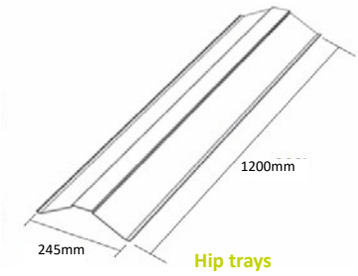
Screw & clamping plate



Ridge union clips



Ridge batten strap



Hip trays

ROOFLINE by timloc

Ambi-Verge Universal Dry Fix Verge System for Profiled Roof Tiles

A robust, attractive and weather resistant verge system alternative to wet mortar bedding.

Use

- Large format and interlocking concrete profiled tiles
- Most pitched roof types from 15-55°
- Verges with or without bargeboards
- New build and refurbishment projects

Features and Benefits

- Universal installation – LH & RH sides are interchangeable.
- Long lasting, reliable and virtually maintenance free.
- Protects against wind uplift, water ingress & general deterioration.
- Easy, fast, clean and generally safer mortar free installation.
- Allows virtually all weather installation.
- Strong but supple for easy flexing and sliding along the tiles.
- Secure fit around the tile reassurance.
- Maintains consistently smart appearance.
- Not impacted by building settlement.
- Meets mechanical fix legislation requirements.
- The system also offers a unique steel fixing bracket option that presents flexible fixing points for use with alternative size counter battens or straight onto tile batten ends. The bracket avoids the reliance of end grain fixing, which can cause splitting and consequential damp penetration issues.

Quality

- Helping to meet BS 5534 Code of practice for slating and tiling
- Complies with all other relevant regulations and standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Independently tested and complies with BS8612

Material and Colour Choice

- UV protected and colour fast polypropylene
- Galvanised steel batten end bracket (optional)
- Available in grey, terracotta, brown and black

Installation Advice

- Please refer to our website www.timloc.co.uk for full recommended installation guidance.

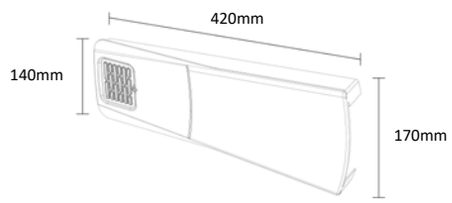
Products in the System

- Universal verge unit
- Eaves starter
- Half round ridge (apex) end cap
- Angled ridge (apex) end cap
- End grain batten bracket (optional)

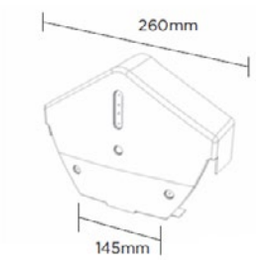
How to Order

- Select the relevant verge system colour for the project.
- 1 verge piece is required for each roof tile in the sloping run.
- Select the ridge shape for the apex of the system – angled or round.
- Eaves starter must be installed at the beginning of each sloping run.
- 1 optional end grain batten bracket is required for each verge piece installed in the sloping run.

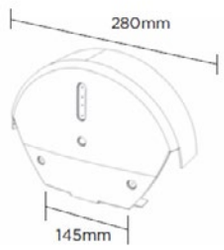
Product Dimensions



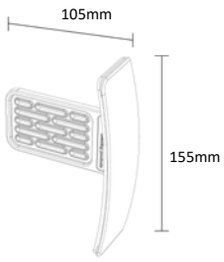
Ambi-Verge universal dry fix verge



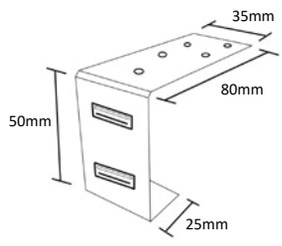
Universal dry fix angled ridge end cap



Universal dry fix half round ridge end cap



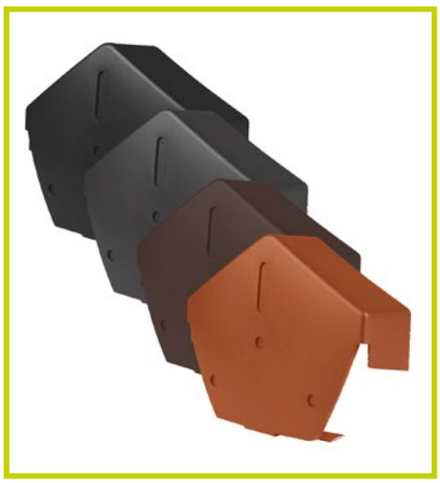
Ambi-Verge eaves starter



End grain batten bracket

Ambi-Verge Universal Dry Fix Verge System for Profiled Roof Tiles

A robust, attractive and weather resistant verge system alternative to wet mortar bedding.

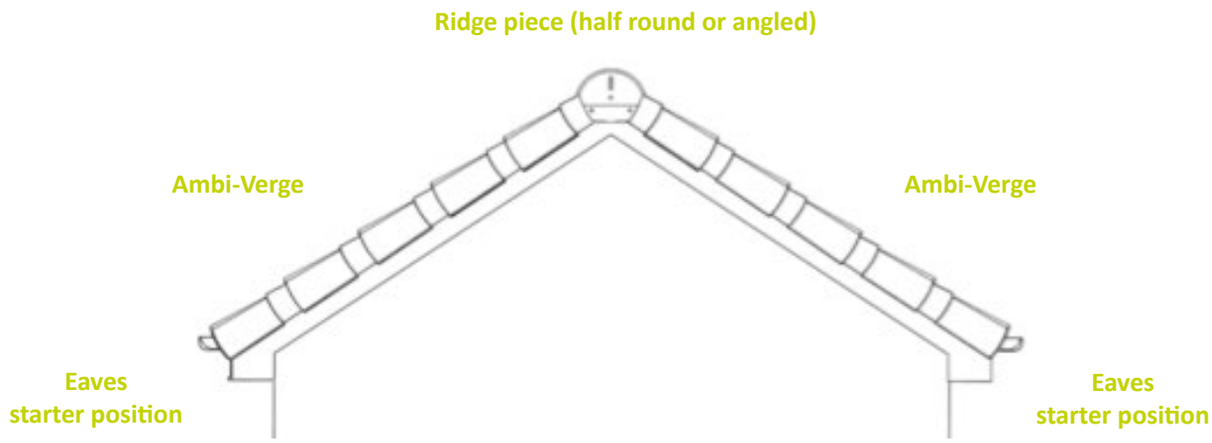


Universal dry fix angled ridge end cap

Universal dry fix half round ridge end cap

Ambi-Verge eaves starter

Product Detail



Product codes

Description	Pack Quantity	Grey Product Code	Brown Product Code	Black Product Code	Terracotta Product Code
Ambi-Verge universal dry fix verge	20	99141	99142	99143	99144
Universal dry fix angled ridge end cap	1	99109	99108	99107	99110
Universal dry fix half round ridge end cap	1	99113	99112	99136	99114
Ambi-Verge eaves starter	1	99153	99155	99154	99156
Dry verge profiled tile end grain batten bracket (optional)	20	99124	99124	99124	99124

ROOFLINE by timloc

Handed Dry Fix Verge System for Profiled Roof Tiles

A robust, attractive and weather resistant verge system alternative to wet mortar bedding.

Use

- Large format, interlocking concrete and clay profiled tiles
- Batten gauges between 260-345mm
- Most pitched roof types from 15-55°
- Verges with or without bargeboards
- New build and refurbishment projects

Features and Benefits

- Long lasting, reliable and virtually maintenance free
- Protects against wind uplift, water ingress and general deterioration
- Easy, fast, clean and generally safer mortar free installation
- Allows virtually all weather installation
- Extended slotted fixing locator flexibility
- Simple and quick '1st piece' eaves closer installation
- Strong but supple for easy flexing and sliding along the tiles
- Secure fit around the tile reassurance
- Rebated eaves closer design allows for guttering when required
- Maintains consistently smart appearance
- Not impacted by building settlement
- Helps prevent entry of large insects, birds and vermin into the roofline
- Meets mechanical fix legislation requirements
- The system also offers a unique steel fixing bracket option that presents flexible fixing points for use with alternative size counter battens or straight onto tile batten ends. The bracket avoids the reliance of end grain fixing, which can cause splitting and consequential damp penetration issues.

Quality

- Helping to meet BS 5534 Code of practice for slating and tiling
- Complies with all other relevant regulations and standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Independently tested and complies with BS8612

Material and Colour Choice

- UV protected and colour fast polypropylene verge, ridge and eaves closer components
- Galvanised steel batten end bracket (optional)
- Available in grey, terracotta, brown and black

Installation Advice

- Please refer to our website www.timloc.co.uk for full installation guidance.

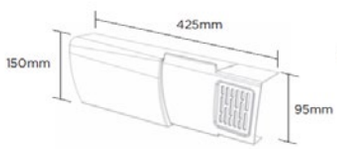
Products in the System

- Dry fix verge right hand piece
- Dry fix verge left hand piece
- Eaves closer pack L&R
- Universal dry fix half round ridge end cap
- Universal dry fix angled ridge end cap
- End grain batten bracket (optional)

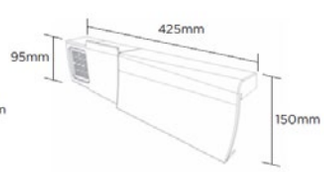
How to Order

- Select the relevant verge system colour for the project
- 1 verge piece is required for each roof tile in the sloping run
- Verge pieces are handed to suit left and right handed slopes
- Select the ridge shape for the apex of the system – angled or round
- Eaves closer must be installed at the beginning of each sloping run of dry verge
- 1 optional end grain batten bracket is required for each verge piece installed in the sloping run
- Also available in convenient specific and complete system packs to suit your specific project's requirements

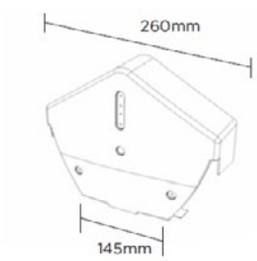
Product Dimensions



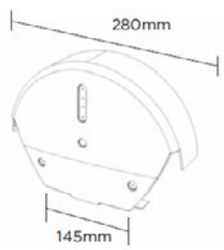
Dry fix verge right hand piece



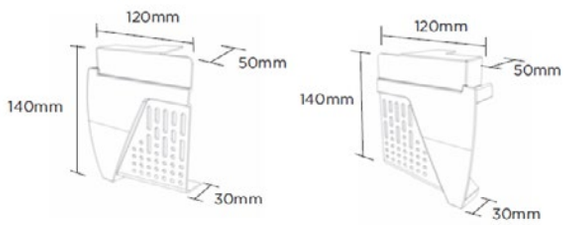
Dry fix verge left hand piece



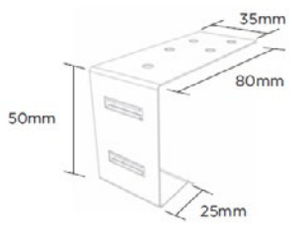
Universal dry fix angled ridge end cap



Universal dry fix half round ridge end cap



Dry fix verge eaves closer pack (right and left units)



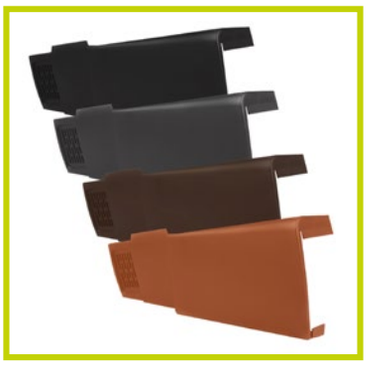
Dry fix verge end grain batten bracket

ROOFLINE by timloc

Handed Dry Fix Verge System for Profiled Roof Tiles

A robust, attractive and weather resistant verge system alternative to wet mortar bedding.

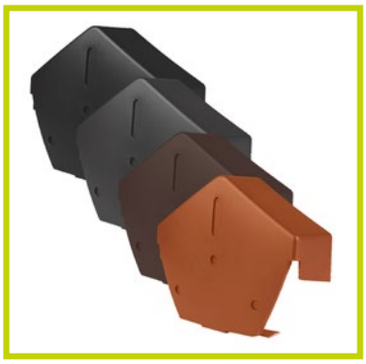
Dry fix verge right hand piece



Dry fix verge left hand piece

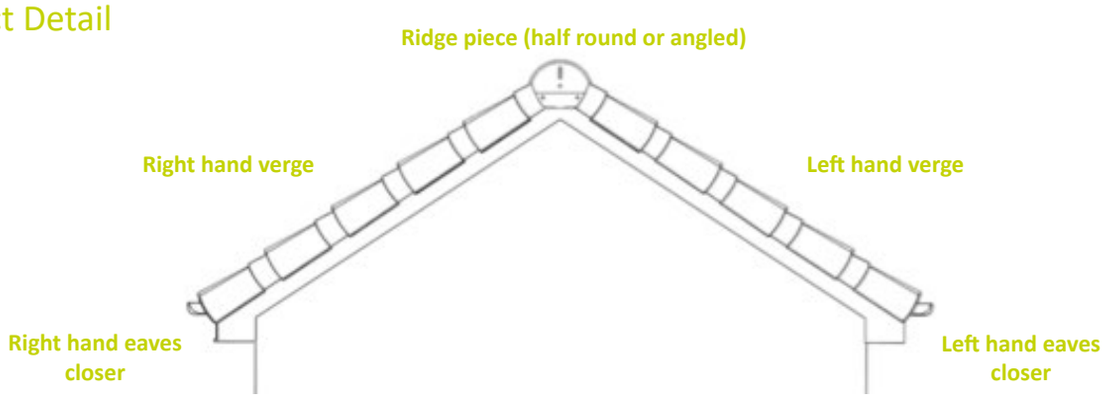
Dry fix verge eaves closer pair

Universal dry fix half round ridge end cap



Universal dry fix angled ridge end cap

Product Detail



Product Codes

Description	Pack Quantity	Grey Product Codes	Brown Product Codes	Black Product Codes	Terracotta Product Codes
Dry fix verge right hand piece	20	99117	99116	99137	99118
Dry fix verge left hand piece	20	99121	99120	99138	99122
Universal dry fix angled ridge end cap	1	99109	99108	99107	99110
Universal dry fix half round ridge end cap	1	99113	99112	99136	99114
Dry fix verge eaves closer pack (left & right hand units)	1 + 1	99126	99125	99130	99127
Dry fix verge end grain batten bracket (optional)	20	99124	99124	99124	99124

ROOFLINE

by timloc

Dry Fix Continuous Verge System for Slate and Thin Slate-Effect Roof Tiles

A continuous verge system that presents a clean flush finish and an effective and virtually maintenance-free alternative to wet mortar bedding.

Use

- Slate and tile thickness between 4 - 13mm slate and slate-effect tiles

Features and Benefits

- Long lasting, reliable and virtually maintenance free
- Protects against wind uplift, water ingress and general deterioration
- Easy, fast, clean and generally safer mortar free installation
- Allows virtually all weather installation
- Integral internal channel collects and discharges rainwater to the gutter
- Dedicated profiles for the new build and refurbishment applications to ensure secure fitting
- Refurbishment profile design avoids lifting slates and battens
- Concealed eaves closer cap allows for guttering if required
- Secure easy push fit joint unions
- Tough yet flexible allows easy manipulation and secure positioning
- Maintains consistently smart appearance
- Not impacted by building settlement
- Helps prevent entry of large insects, birds and vermin into the roofline
- Meets mechanical fix legislation requirements

Quality

- Helping to meet BS 5534 Code of practice for slating and tiling
- Complies with all other relevant regulations and standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Independently tested and complies with BS8612

Material and Colour Choice

- UV protected and colour fast PVC verge and polypropylene ridge and eaves closer caps
- Supplied in dark grey only

Products in the System

- 3m dry fix continuous verge for new build
- 3m dry fix continuous verge for refurbishment
- Angles ridge (apex) piece
- Eaves closer cap pack (right and left handed units)
- Joint union (connects two verge sections together)

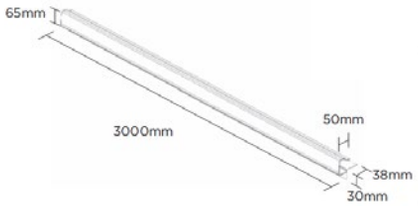
Installation Advice

- Please refer to wwww.timloc.co.uk for full installation guidance.

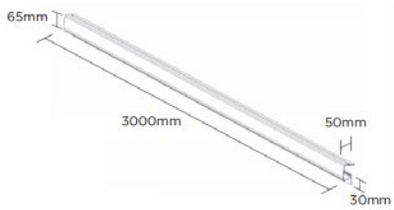
How to Order

- Measure the length of the roof slope in metres and divide by 3 (product length) to identify how many profiles are required
- Ensure that the correct profile type is ordered for the project - new build or refurbishment
- An eaves closer cap must be installed at the beginning of each sloping run of Dry Fix Continuous Verge
- A Dry Fix Continuous Verge angled ridge piece must be installed at the apex of gable roofs
- A joint union is required when joining two Dry Fix Continuous Verge profiles together

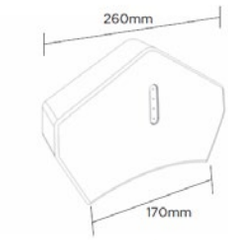
Product Dimensions



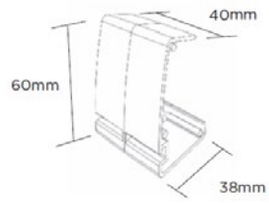
New build dry fix continuous verge



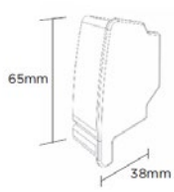
Refurbishment dry fix continuous verge



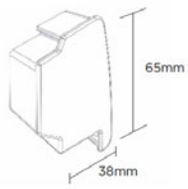
Angled ridge / apex piece



Joint union



Eaves closer cap pack (left unit)



Eaves closer cap pack (right unit)

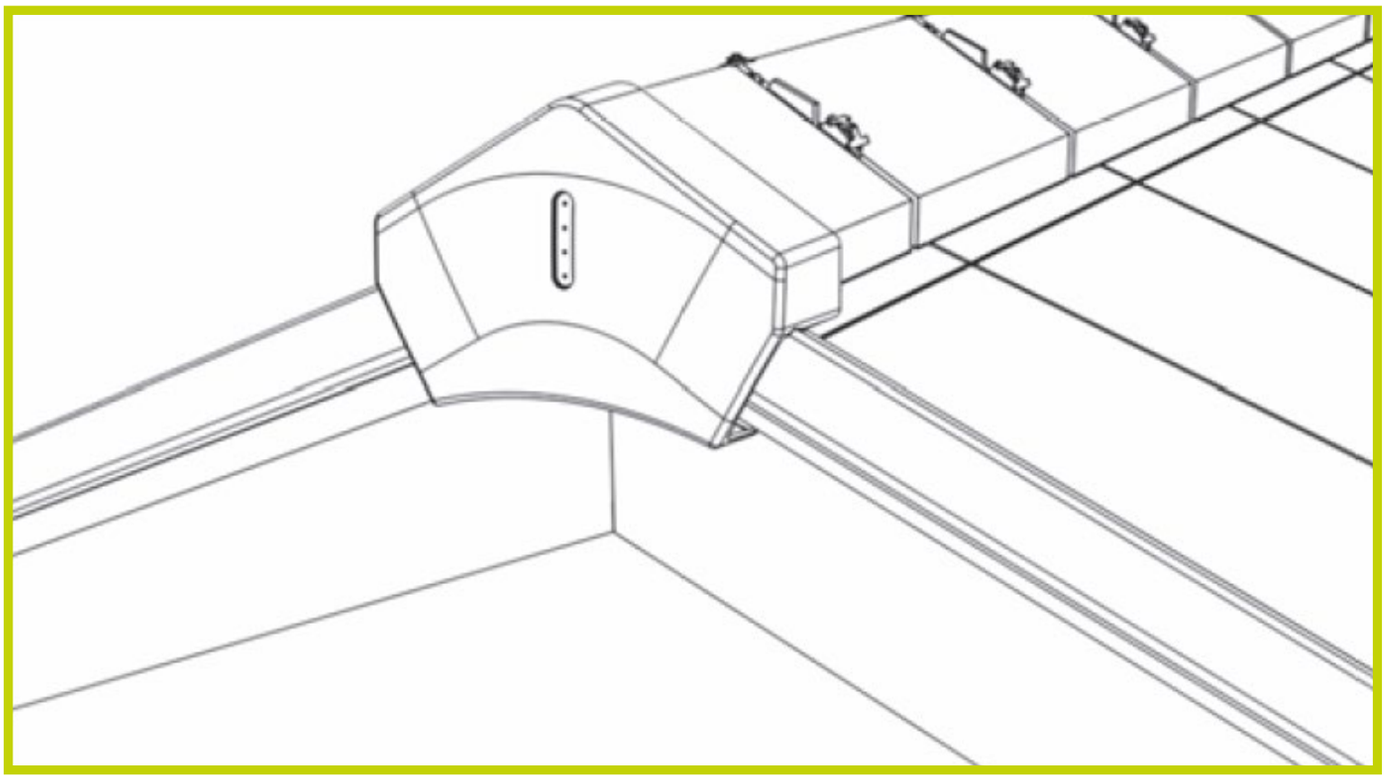
ROOFLINE

by timloc

Dry Fix Continuous Verge System for Slate and Thin Slate-Effect Roof Tiles

A continuous verge system that presents a clean flush finish and an effective and virtually maintenance-free alternative to wet mortar bedding.

Product Detail



Product Codes

Description	Pack Quantity	Product Code
3m new build dry fix continuous verge for slate/flat tile	4	66101
3m refurbishment dry fix continuous verge for slate/flat tile	4	66105
Dry fix continuous verge for slate angles ridge/apex piece	1	66120
Dry fix continuous verge for slate/flat tile eaves closer cap pack (left and right units)	1 + 1	66117
Dry fix continuous verge for slate/flat tile joint union	2	66124

Technical Information and Installation Advice

The range of roofline and above products manufactured by Timloc are all designed to fit within the eaves of the roof. They fall into two product groups which Timloc choose to refer to as 'primary' and 'secondary' roof ventilators. Products from these two groups work together to form a range of reliable roof eaves ventilation systems.

Primary roof ventilators fit externally within the eaves, usually within either the soffit board or fascia board, and provide an appropriately sized opening for air to flow into and out of the roof space. They incorporate rows of slots or holes which are large enough to allow the required volume of air to flow freely without danger of blockage by dirt, dust, cobwebs, etc but are small enough to prevent the entry of vermin or large nestbuilding insects such as bees and wasps. All Timloc ventilators have 3.5 - 4mm wide slots or holes in accordance with the recommendations of BS. 5250 : 2011.
Secondary roof ventilators fit higher up within the eaves, usually between the rafters above the wallplate position. They hold down the quilt of roof insulation material and prevent it from restricting the flow of air to and from the primary roof ventilator.
In most cases it is essential that both primary and secondary roof ventilators are used in conjunction with each other in order to provide a reliable ventilation system.

Free Airflow Requirements

The Building Regulations require differing levels of roof ventilation depending on the design of the roof. It is very important to identify the type of roof which is to be constructed and ensure that the correct volume of free airflow is provided by the roof ventilators. Please refer to the four accompanying illustrations which detail the main variations in roof type.

Primary Roof Ventilators

- With a standard pitched roof where the pitch of the roof is 15 degrees or greater and the roof space is an attic or loft a free airflow is required which is equivalent to a continuous 10mm opening (10,000 mm2 per metre run). See fig.1
- With a pitched roof where the pitch of the roof is less than 15 degrees and the roof space is an attic or loft a free airflow is required which is equivalent to a continuous 25mm opening (25,000 mm2 per metre run). See fig. 2
- With a pitched roof where the roof space contains living accommodation and part of the ceiling and insulation follow the same line as the rafters a free airflow is required which is equivalent to a continuous 25mm opening (25,000 mm2 per metre run). See fig. 3
- With a flat roof a free airflow is required which is equivalent to a continuous 25mm opening (25,000 mm2 per metre).See figs. 4a,4b and 4c
- In all cases the ventilators must run continuously along the eaves and along opposite sides of the building so as to create a cross flow ventilation action

Secondary Roof Ventilators

- With a standard pitched roof where the pitch of the roof is 15 degrees or greater and the roof space is an attic or loft a ventilation channel at least 25mm deep must be maintained between the roof insulation and the underside of the roof covering. See fig.1
- With a pitched roof where the pitch of the roof is less than 15 degrees and the roof space is an attic or loft a ventilation channel at least 25mm deep must be maintained between the roof insulation and the underside of the roof covering. See fig. 2
- With a pitched roof where the roof space contains living accommodation and part of the ceiling and insulation follow the same line as the rafters a ventilation channel at least 25mm deep must be maintained between the roof insulation and the underside of the roof covering. See fig. 3
- With a flat roof a ventilation channel at least 50mm deep must be maintained between the roof insulation and the underside of the roof deck. See fig. 4
- In all cases the ventilation channel must run continuously along the eaves and along opposite sides of the building so as to create a cross flow ventilation action

Vapour Permeable Underlay

All vapour permeable underlays require a full convection tight ceiling, if condensation problems within the loft space are to be avoided. Timloc's judgement is that this 100% sealing of all apertures including pipes, wiring and fittings, in addition to its basic structure is not achievable in practice, and consequently there will be a risk of condensation occurring

Timloc recommend exploring the practicality and feasibility of achieving a full convection tight ceiling i.e. to all apertures (pipes, wiring and light fittings)

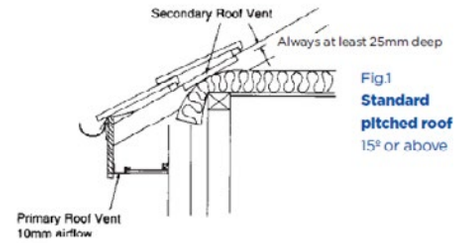


Fig.1
Standard pitched roof
15º or above

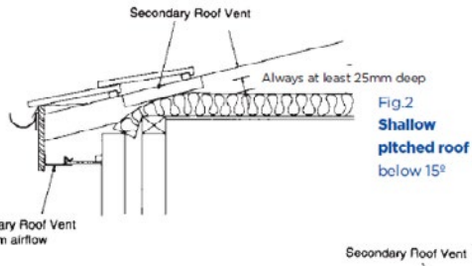


Fig.2
Shallow pitched roof
below 15º

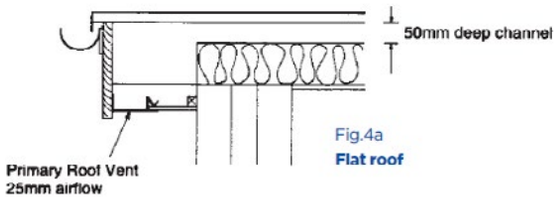


Fig.4a
Flat roof

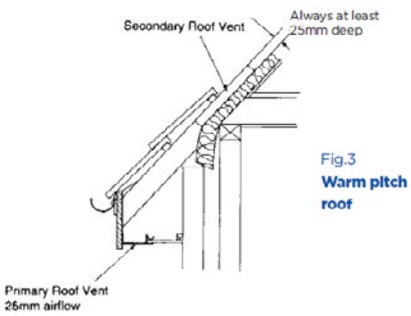


Fig.3
Warm pitch roof

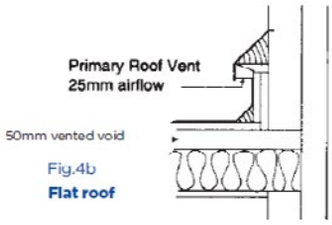


Fig.4b
Flat roof

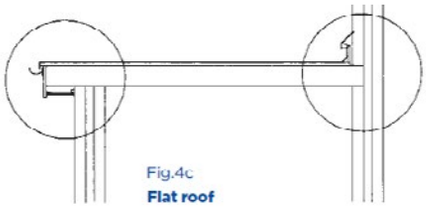


Fig.4c
Flat roof

Technical Information and Installation Advice

Product Selection

Once the required level of free airflow necessary to suit the roof design has been established the choice of ventilation components is dictated by the eaves design, method of construction or the preference of the specifier or end user. Timloc recommend that customers take advantage of the technical advisory service which is freely available to all users and specifiers of Timloc products. The Technical Services Department will be pleased to advise on the most suitable products to suit the application and will prepare a fully itemised schedule of quantities if required. Please provide as much information as possible regarding the roof design and eaves construction detail including a dimensioned drawing if available.

Installation Advice

Due to the wide range of products in the roofline and above range the installation methods are equally varied. It is recommended that the specific installation instructions supplied with the goods are closely followed at the time of installation. Anything which is unclear should be checked with Timloc Technical Services Department.

General advice relevant to key products in the range are detailed below:

Soffit vent type C

The mouth along the edge of the soffit ventilator is ideally suited to accommodate a 6mm thick soffit board. Soffit boards of up to 9mm thick can be accommodated with care but it may sometimes be necessary to chamfer the edge of the board slightly to make insertion easier. Soffit boards over 9mm in thickness cannot be accommodated unless the edge of the board is rebated down to a thickness of 6 - 9mm.

Over fascia ventilators (all types)

Over fascia ventilators fit on the upper edge of the fascia board. It is important to note the height of the over fascia ventilator to be used and make allowance for this when fitting the fascia board. If the height of the ventilator is not taken into account and the fascia board lowered accordingly the tiles may be caused to 'kick up' at the eaves.

Over fascia ventilators - Products 3011 and 3011-25 only

It is strongly recommended that a plywood felt support is fitted directly above the over fascia ventilator in order to prevent sagging roofing felt from restricting airflow through the ventilator. This should project at least 10mm beyond the front of the ventilator.

Corbel ventilator

The corbel ventilator is designed to be fitted at the same time that the corbelled brickwork is completed. The fixing clips have protruding tabs which are built in to the perp. mortar joints on the top row of brickwork. If the ventilator is not fitted at this time the fixing clips cannot be used as intended and it will be necessary to drill and plug the brickwork or fit a timber batten on which to fix the ventilator.

The corbel ventilator is only available in the standard 10mm continuous opening version. If ventilation is required which is equivalent to a continuous 25mm opening then an alternative product must be used, a 25mm airflow over fascia ventilator is recommended. It will be necessary to fit this by drilling and plugging the brickwork or fitting a timber batten on which to fix the ventilator.

It is strongly recommended that a plywood felt support is fitted directly above the corbel ventilator in order to prevent sagging roofing felt from restricting airflow through the ventilator. This should project at least 15mm beyond the front of the ventilator.

Push in soffit ventilators

The push in soffit ventilators are fitted into 70mm diameter circular holes cut into the soffit board with a hole saw. These holes should be drilled at 160mm centres in order to provide airflow equivalent to a continuous 10mm opening. he push in ventilators are not suited in situations where an airflow equivalent to a continuous 25mm opening is required. It is very important that the holes are cut accurately and are not oversize otherwise the ventilators will not grip firmly in the fixing holes.

Secondary roof ventilators (all types)

All secondary roof ventilators are 300mm in width to allow multiple rows, one above the other, to work up the roof to accommodate thick and multi layers of insulation occurring at the eaves to the roof junction. Please consult the Timloc Technical department for further advice.

Valley troughs and joining strips

Timloc produce three products in this range. A general purpose valley trough which can be used with any kind of tile or slate, a slate valley trough specifically for use with slates and a general purpose joining strip for use with any kind of tile or slate.

Valley troughs

Valley boards must be installed to support the valley trough in accordance with the NHBC Standards. 19mm thick exterior grade plywood is the recommended material and each valley board should extend at least 200mm from the centre line of the valley. The valley boards should be cut so as to fit flush in between the rafters and be supported on noggins fixed to the sides of each rafter

Line the valley intersection with a strip of roofing felt running up the length of the valley and then lap the normal roofing felt over this into the valley area

Counter battens must be used to support the edges of the valley trough and the ends of the cut tile battens. Fit the first counter batten running up the full length of the valley and laying parallel with the line of the valley bottom

Lay the valley trough in position with the angle of the valley trough in the angle of the valley bottom and the outer flange of the valley trough located on the counter batten. Push the valley bottom down firmly into the valley bottom and mark the position of the second counter batten

Fit the second counter batten in the position marked running up the full length of the valley and laying parallel with the line of the valley bottom

Position the valley trough between the counter battens and press the valley down firmly into the valley bottom. Maintain the downward pressure on the valley trough and nail the valley through the outer flanges into the counter battens. Use galvanised clout nails at not more than 1m centres

If the length of the valley requires more than one valley trough ensure that the upper valley trough laps over the lower valley trough. The amount of overlap should be a minimum of 150mm at roof pitches of 30 degrees or over and a minimum of 250mm at roof pitches of less than 30 degrees. The lapped area should be secured with two nails in each flange

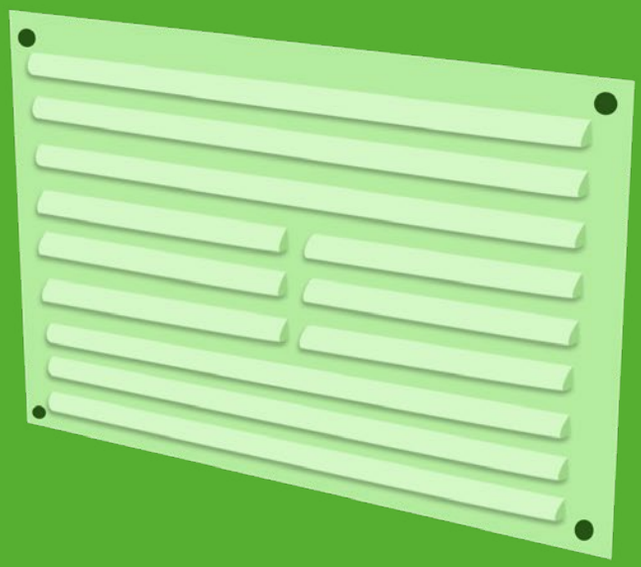
Using tin snips or shears cut the valley trough to suit at the eaves and ridge. Make sure that the valley can run off into the gutter, it must not be cut back short otherwise water may be discharged behind the fascia board. N.B. Where two valleys meet at a ridge it is advisable to form a lead saddle to cover the ridge intersection. For advice on lead working Timloc recommend that reference is made to the Lead Sheet Manual published by the Lead Sheet Association

Once the valley is complete proceed with the tiling or slating as normal. Cut the tiles or slates to suit the rake of the valley leaving an open valley area approximately 125mm wide up the centre of the valley. Tiles should be bedded onto fresh mortar laid on the sand impregnated strips which are incorporated into each valley. Slates should be secured with clips or rivets in the normal way

Joining strips

Strip back the roof covering over the party wall to provide room to work Make good the felt and battens over the party wall. Position the joining strip on top of the battens directly over the centre of the party wall and nail through the outer flanges of the joining strip into the battens. Use galvanised clout nails spaced at not more than 1m centres. If the length of the roof slope requires more than one joining strip ensure that the upper joining strip laps over the lower joining strip. The amount of overlap should be a minimum of 150mm at roof pitches of 30 degrees or over and a minimum of 250mm at roof pitches of less than 30 degrees. The lapped area should be secured with two nails in each flange. Ensure that the joining strip extends fully from eaves to ridge, do not leave any gaps.

Make good the tiles or slates. The tiles/slates should be positioned so as to meet half way across the joining strip and should be bedded onto fresh mortar laid on the sand impregnated strip which is incorporated into each joining strip. The tiles/slates should be nailed or clipped in the normal way.



THROUGH-WALL VENTILATION

Cavity Sleeves

Tough, flexible ventilators for external walls

Use

- To provide ventilation through external walls to the building interior

Features and Benefits

- Unrestricted free airflow
- Lightweight and easy to handle
- Durable and totally resistant to decay

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Injection moulded in polypropylene
- All accessories are available in black only

Products in the System

1202-1
- Suits a single 9”x 3” Timloc airbrick and provides a maximum equivalent area of 6170mm2.

1202-2
- Suits a stack of two interlocked Timloc airbricks 9” x 6” and provides a maximum equivalent area of 12300mm2.

1237
- Fitted to rear of 1202-1 to give maximum extension of 365mm.

1236
- Fitted to rear of 1202-2 to give maximum extension of 365mm.

1238
- Baffle to offer draught reduction inline with fitment to 1202-1 & 2.

Installation Advice

- Always use in conjunction with a Timloc airbrick
- When ventilating through an external wall to a building interior, ensure the cavity sleeve and airbrick are positioned above the ground floor dpc level. The exact position will depend on what conveniently suits the interior room. Installation of the cavity sleeve and airbrick at high level in the room will help reduce the effect of draughts
- When fitted with a Timloc airbrick, the cavity sleeve suits walls up to 275mm overall thickness. If thicker walls are present, two cavity sleeves may be joined, end to end, and then trimmed to the required length and telescopic extension available
- It is strongly recommended that a section of horizontal cavity tray (Timloc Inter-loc 4 and 2 wall weeps) is positioned above the airbrick and cavity sleeve to prevent rainwater tracking across the top of the cavity sleeve
- The number of cavity sleeves and airbricks required depends on the volume of free airflow demanded by the situation
- For background ventilation into a habitable room 8000mm2 of free area is required. i.e. two 9” x 3” cavity sleeves and airbricks, or a single 9” x 6” cavity sleeve and two airbricks stacked one above the other
- If ventilating a room containing a heat producing appliance the volume of free airflow will depend on the type and size of the appliance. Consult the appliance manufacturers technical information, and then provide the appropriate number and size of cavity sleeves and airbricks. Remember that each 9” x 3”airbrick provides max. 6170mm2 equivalent area

How to Order

- Assess background ventilation required for the application and determine which sleeve is appropriate
- Remember to order the correct number of airbricks for each cavity sleeve and possible telescopic extension sleeves. Optional draft reducing baffle is available (2 x per 9” x 6”)

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling

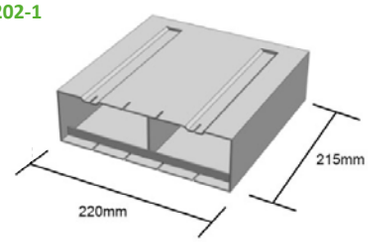
Clause
160 AIR BRICK
- To BS493, Class 1, built in as the work proceeds.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference:
  - 1202/1 Cavity Sleeve, single brick.
  - 1202/2 Cavity Sleeve, double brick.
- Design: Rectangular
- Material: Thermoplastic
- Colour: Black

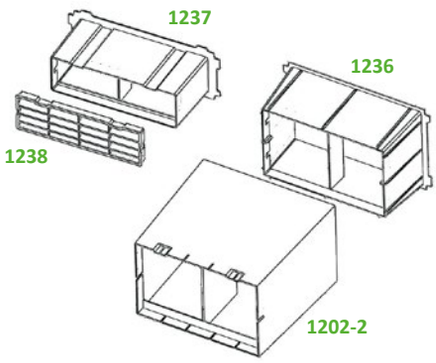
Product Codes

Description	To Suit	Pack Quantity	Product Code
9 x 3 cavity sleeve	1 airbrick	20	1202/1
9 x 6 cavity sleeve	2 airbricks stacked	1	1202/2
9 x 3 telescopic extension	+ 90mm	1	1237
9 x 6 telescopic extension	+ 90mm	1	1236
9 x 3 baffle	1 airbrick	1	1238

Product Codes

1202-1

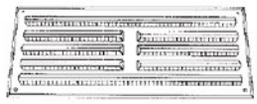




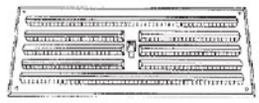
Internal Grilles & Airbrick Cowls

Attractive products for sustaining airflow and reducing draughts

Plastic louvre grille



Plastic louvre grille with flyscreen



Plastic hit and miss grille

Use

- To cover the inner opening on the cavity sleeve and provide a neater appearance while still maintaining a free flow of air
- To provide an external cowl over the airbrick to help reduce draughts caused by wind blasts

Features and Benefits

- Aesthetically pleasing
- Simple screw fixing
- Excellent airflow properties
- Durable and totally resistant to decay

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

Plastic grilles
- Manufactured by injection moulding in ABS/HIPS
- Available in white only

Metal grilles
- Manufactured in high quality pressed aluminium
- Grilles are available in three types of finish, plain aluminium, brass anodised and polished brass

External cowls
- Manufactured by injection moulding in polypropylene
- Cowls are available in white, brown and terracotta

Products in the System

Timloc offer a complete range of high quality plastic grilles which cover the internal opening of the cavity sleeve and provide a neat appearance

Louvre grilles
A permanently open vent with no flyscreen or closing method but with visible airflow marking to comply with the requirements of BS5440 Part 2 2009 : BS EN 13141-1 : 2004.

Louvre grilles with flyscreen
A permanently open vent with a fixed flyscreen but no airflow indication.

Adjustable (hit and miss) grilles
Can be open or closed with an integral flyscreen but no airflow indication.

Installation Advice

- Internal grilles should be positioned over the internal opening of the cavity sleeve and fixed to the wall using screws and wall plugs
- External cowls are positioned over the face of the airbrick and fixed to the wall using screws and wall plugs. The opening of the cowl should face down towards the ground
- Never block or restrict the flow of air through these ventilators. The louvre grilles have no insect screen fitted - in order to comply with British Gas requirements
- Use open louvre grilles when ventilating a gas or heat producing appliance - never use hit & miss grilles in such situations

How to Order

- State the grille or cowl size, and whether louvre, flyscreen or hit & miss grilles are required

Bill of Quantity

Cowl range
F30 Accessories/sundry items for brick/block/stone walling

Clause
171 VENTILATION DUCTS
- To BS493, Class 1, built in as the work proceeds.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference: ABC Cowl Range
- Use: To provide an external cowl over the airbrick to help reduce draughts caused by wind blasts.

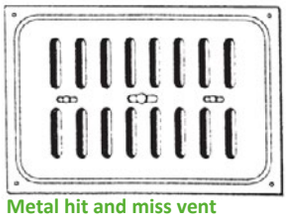
Plastic & metal wall grilles 1200 range
U90 General Ventilation - Domestic
INTERNAL WALL VENTILATION
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference: Reference: Plastic & Metal wall grilles 1200 range
- Use: To cover the inner opening on the cavity sleeve and provide an aesthetically acceptable appearance, while still maintaining a free flow of air. Available in a range of airflow sizes with both colour and finish options.

Product Codes

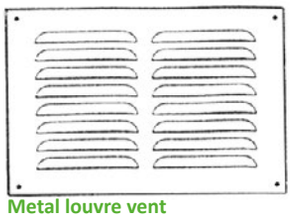
Equivalent Area	Equivalent Area (Flyscreen)	Product Code
4100mm²	2350mm²	1218 (6 x 3 louvred)
7600mm²	3750mm²	1207 (9 x 3 louvred)
11300mm²	7150mm²	1211 (9 x 6 louvred)
16500mm²	8190mm²	1212 (9 x 9 louvred)

Internal Grilles & Airbrick Cowls

Attractive products for sustaining airflow and reducing draughts

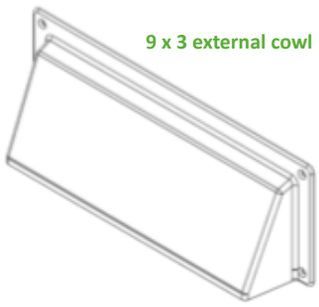


Metal hit and miss vent

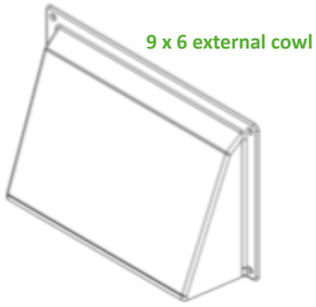


Metal louvre vent

Metal return air grille



9 x 3 external cowl



9 x 6 external cowl

Product Codes

Internal Plastic Grilles

Description	Colour	Fixing Hole Dimensions	Overall Dimensions	Equivalent Area	Product Code
6 x 3 louvre 'mini vent'	White	148mm x 67mm	166mm x 85mm	4100mm²	1218W
9 x 3 louvre vent	White	242mm x 86mm	260mm x 194mm	7600mm²	1207W
9 x 6 louvre vent	White	242mm x 152mm	260mm x 170mm	11300mm²	1211W
9 x 9 louvre vent	White	242mm x 217mm	260mm x 235mm	16500mm²	1212W
6 x 3 louvre vent with flyscreen	White	148mm x 67mm	166mm x 85mm	2350mm²	1218WF
9 x 3 louvre vent with flyscreen	White	242mm x 86mm	260mm x 104mm	3750mm²	1207WF
9 x 6 louvre vent with flyscreen	White	242mm x 152mm	260mm x 170mm	7150mm²	1211WF
9 x 9 louvre vent with flyscreen	White	242mm x 217mm	260mm x 235mm	8190mm²	1212WF
6 x 3 hit & miss 'mini vent'	White	148mm x 67mm	166mm x 85mm	2350mm²	1219W
9 x 3 hit & miss louvre vent	White	242mm x 86mm	260mm x 104mm	3750mm²	1208W
9 x 6 hit & miss louvre vent	White	242mm x 152mm	260mm x 170mm	7150mm²	1209W
9 x 9 hit & miss louvre vent	White	242mm x 217mm	260mm x 235mm	8190mm²	1210W

Internal Metal Grilles

Description	Colour	Fixing Hole Dimensions	Overall Dimensions	Equivalent Area	Product Code
9 x 3 hit & miss vent	Plain aluminium	230mm x 77mm	242mm x 89mm	3741mm²	1220A
9 x 3 hit & miss vent	Brass anodised	230mm x 77mm	242mm x 89mm	3741mm²	1220BA
9 x 3 hit & miss vent	Polished brass	230mm x 77mm	242mm x 89mm	3741mm²	1220PB
9 x 6 hit & miss vent	Plain aluminium	230mm x 153mm	242mm x 165mm	6452mm²	1221A
9 x 6 hit & miss vent	Brass anodised	230mm x 153mm	242mm x 165mm	6452mm²	1221BA
9 x 6 hit & miss vent	Polished brass	230mm x 153mm	242mm x 165mm	6452mm²	1221PB
9 x 9 hit & miss vent	Plain aluminium	230mm x 230mm	242mm x 242mm	11250mm²	1222A
9 x 9 hit & miss vent	Brass anodised	230mm x 230mm	242mm x 242mm	11250mm²	1222BA
9 x 9 hit & miss vent	Polished brass	230mm x 230mm	242mm x 242mm	11250mm²	1222PB
9 x 3 louvre vent	Plain aluminium	230mm x 77mm	242mm x 89mm	3973mm²	1223A
9 x 3 louvre vent	Brass anodised	230mm x 77mm	242mm x 89mm	3973mm²	1223BA
9 x 3 louvre vent	Polished brass	230mm x 77mm	242mm x 89mm	3973mm²	1223PB
9 x 6 louvre vent	Plain aluminium	230mm x 153mm	242mm x 165mm	7946mm²	1224A
9 x 6 louvre vent	Brass anodised	230mm x 153mm	242mm x 165mm	7946mm²	1224BA
9 x 6 louvre vent	Polished brass	230mm x 153mm	242mm x 165mm	7946mm²	1224PB
9 x 9 louvre vent	Plain aluminium	230mm x 230mm	242mm x 242mm	12770mm²	1225A
9 x 9 louvre vent	Brass anodised	230mm x 230mm	242mm x 242mm	12770mm²	1225BA
9 x 9 louvre vent	Polished brass	230mm x 230mm	242mm x 242mm	12770mm²	1225PB
25.2 x 2 return air grille	Plain aluminium	636mm x 48mm	648mm x 60mm	9774mm²	1226A
25.2 x 2 return air grille	Brass anodised	636mm x 48mm	648mm x 60mm	9774mm²	1226BA

External Cowls

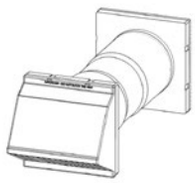
Description	Colour	Fixing Hole Dimensions	Overall Dimensions	Equivalent Area	Product Code
9 x 3 external cowl	Terracotta	237mm x 78mm	255mm x 96mm	8700mm²	ABC93TE
9 x 3 external cowl	Brown	237mm x 78mm	255mm x 96mm	8700mm²	ABC93BR
9 x 6 external cowl	Terracotta	237mm x 136mm	255mm x 154mm	16000mm²	ABC96TE
9 x 6 external cowl	Brown	237mm x 136mm	255mm x 154mm	16000mm²	ABC96BR
9 x 9 external cowl	Terracotta	256mm x 217mm	274mm x 235mm	23900mm²	ABC99TE
9 x 9 external cowl	Brown	256mm x 217mm	274mm x 235mm	23900mm²	ABC99BR

NB. Guidance in BS EN 13141-1 : 2004 indicates the "free area" of a background ventilator is typically 25% larger than its "equivalent area"

Aero Core Anti-Draught Ventilators

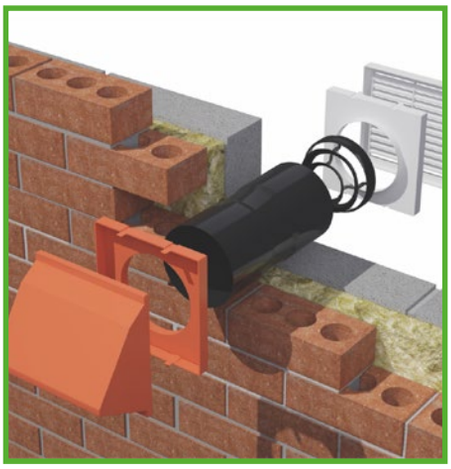
Combination ventilator sets for background venting and heat producing appliances

Baffle



Aero Core with Cowl & Baffle

Aero Core with Baffle



Use

- To provide ventilation for heat producing appliances
- To provide background room ventilation
- Individual ventilation sets can supply up to maximum appliance rated input of 24.8kW (84,600 Btu/h)
- Ideal solution for refurbishment, remedial work and new build

Features and Benefits

- Aesthetically pleasing and a simple to install modular system
- Excellent airflow properties
- Independently tested
- Offers reduction of draughts and light compared to basic through wall ventilation
- Cowl or grille version available with baffle
- Internal finish with open louvre grille

Quality

- Equivalent area tested to BS5440-2:2009
- Compliant with BS 5871-3:2005 & BS 493:1995
- Complies with Building Regulation Approved Documents F & J (2010 editions)
- Complies with 'The Scottish Building Standards' Technical handbooks
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Meets the requirements of British Gas
- Satisfies NHBC Standards

Material and Colour Choice

- UV stabilised cowls & grilles
- External grille/cowls in terracotta & brown
- Internal grilles are white as standard

Products in the System

5" Aero core vent - ACV7 (with baffle)
Provides an equivalent area of 8000mm² and suitable for venting appliances up to 23kW rated input.

5" Aero core vent with cowl - ACV7C (with baffle)
Provides an equivalent area of 8900mm² and suitable for venting appliances up to 24.8kW rated input.

5" Aero core vent high rise - ACV7HR
Provides an equivalent area of 5000mm2 and suitable for venting appliances up to 17kW rated input.

Installation Advice

- Core anti draught ventilators can be installed in new build, but benefit the installer most for use in existing walls
- To fit in existing cavity wall make hole through full cavity wall by using 127-130mm core drill ensuring a small incline towards the outer wall and remove brickwork debris to fit vent
- Large flanges around the external cowl and internal grille allow minor irregularities to be covered easily and adequate fixing. External cowl will push onto sleeve and can be silicone sealed to face or screw fixed

How to Order

- State the correct anti-draught ventilator for the heating appliance to be vented or background ventilation required
- State the required colour of external cowl and/or grille

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling

Clause
171 VENTILATION DUCTS
- To BS493, Class 1, built in as the work proceeds.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference: e.g. ACV7bu Timloc Aero 5" Core Vent in Brown 10,000mm2 (suit appliance rated output max 27kW)
- Install across cavity, sloping away from inner leaf, bedding fully in mortar to seal cavity.

Product Codes

Description	Colour	Equivalent Area	Size	Appliance Rated Input	Product Code
5" (127mm) aero core with baffle	Terracotta	8000mm²	127mm (D) x 350mm	23kW (78,500Btu)	ACV7TE
5" (127mm) aero core with baffle	Brown	8000mm²	127mm (D) x 350mm	23kW (78,500Btu)	ACV7BR
5" (127mm) aero core with cowl & baffle	Terracotta	8900mm²	127mm (D) x 350mm	24.8kW (84,600Btu)	ACV7CTE
5" (127mm) aero core with cowl & baffle	Brown	8900mm²	127mm (D) x 350mm	24.8kW (84,600Btu)	ACV7CBR
5" (127mm) aero core high rise	Terracotta	5000mm²	127mm (D) x 350mm	17kW (58,000Btu)	ACV7HRTE

Technical Information and Installation Advice

Underfloor Ventilation

If a building uses a suspended ground floor it is important to provide ventilation into the underfloor void. This prevents condensation, removes stagnant air and is particularly important in areas where radon or methane gas may pose a problem. The provision of ventilation is important regardless of whether the suspended floor is of beam and block or traditional joist and floor board construction.

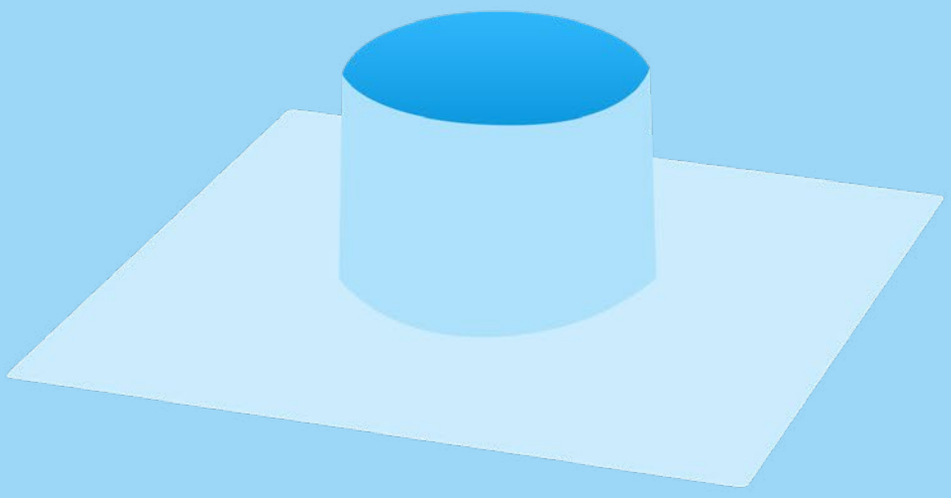
The ideal method for providing ventilation into the underfloor void is to use the Timloc airbrick and telescopic underfloor ventilator.

- The airbrick and underfloor ventilator must always be used together. The airbrick is a push fit into the upper front opening of the ventilator
- The airbricks and ventilators should ideally be spaced along the wall at not more than 2m centres with the first and last ventilator being positioned within approximately 450mm of the wall corner. This is to ensure a good flow of air and to eliminate areas of calm air where stagnant air pockets could form
- If the building is a simple rectangular shape on plan it is acceptable to install airbricks and ventilators along the two longest sides of the building. If the building is 'L' shaped or of more complex design then airbricks and ventilators should be installed around the full perimeter of the building
- It is important to provide corresponding ventilation openings in any internal dividing walls so as to allow air to circulate throughout the underfloor void
- The airbricks should be built into the external wall above the finished ground level so as to prevent rain and snow water from entering the ventilator. They would usually be positioned at a similar level to the ground level DPC
- The lower section of the ventilator should be extended down to the level of the underfloor void by means of its telescopic action. This can accommodate a step of up to five vertical brick courses. The inner leaf blockwork must be cut to allow positioning of the lower section of the ventilator. If the design of the building is such that the standard ventilator is not long enough a vertical extension sleeve is available which will extend the ventilator to a height of nine vertical brick courses
- The standard ventilator suits a wall with a 100 mm thick outer leaf, 50mm cavity and 100mm thick inner leaf. If the cavity is slightly wider or the inner leaf slightly thicker than these dimensions then the standard ventilator will usually still be acceptable as long as the cut-out in the inner blockwork is kept clear. For thicker outerleafs a horizontal front extension is available and a horizontal rear extension for use with particularly wide cavities or thick inner blockwork

Through-Wall Ventilation

Through the wall ventilators provide passive ventilation through external walls into habitable rooms. It is important to differentiate between a ventilator which is required to provide general background ventilation and one which provides air into a room which contains a heat producing appliance such as a central heating boiler or gas fire.

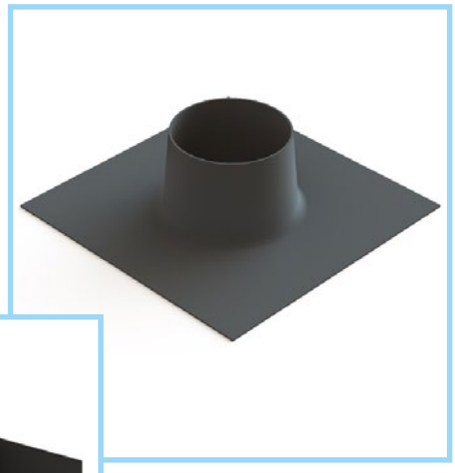
- If the room contains a heat producing appliance the provision of constant and reliable ventilation is vitally important, extra and above to background ventilators. The anti draught ventilator products are strongly recommended for this application as they comply fully with legislation governing gas and heating appliances. The size and number of anti draught ventilator products required will be dictated by the requirements of the particular heating appliance and it is strongly recommended that advice is sought from the manufacturer
- General recommendations for the specification and use of through the wall ventilators are detailed below:
- Always check that the appropriate size and number of through the wall ventilators are used to suit the application
- Never fit just an airbrick. A cavity sleeve must always be fitted to the back of the airbrick to ensure that the air is transmitted effectively through the wall and into the room
- Hit and miss grilles may only be used for general background ventilation, they must **never** be used to ventilate any kind of gas or heating appliance
- Ventilators used to provide air for gas or heating appliances must be permanently open, there must be no facility to block or close the ventilator. Also, they must **not** contain any kind of fine mesh or insect screen
- Through the wall ventilators should always be fitted well above external ground level so as to ensure that rain and snow water cannot enter the ventilator
- It is recommended that a section of horizontal cavity tray
- is installed directly above the through the wall ventilator so as to prevent water from tracking across the cavity sleeve from the outer leaf to the inside of the building
- In order to help reduce the effect of draughts it is worth considering positioning the through the wall ventilator close to any heating appliance rather than at the opposite side of the room. Positioning the ventilator at high level

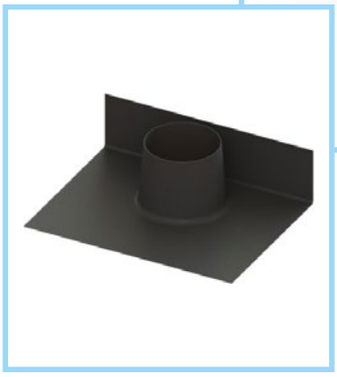


TOP HATS, GAS BARRIERS & DPC

Top Hats & Flexible Top Hats

For sealing to a gas barrier and at the intersection of pipe projections





Use

- In areas outlined in BRE document 'Radon' guidance on protective measures in new dwellings
- When gas protection is required across the footprint of the building
- Crossing cavity wall constructions to maintain gas barrier integrity
- Forming internal perimeter trays to allow membranes continuity
- Collars for service pipe protrusions
- Following a risk assessment where the requirement is for a good gas protection measure against Radon, Co2, Methane and Hydrocarbon
- To be designed and installed in a continuous system around the whole building perimeter

Features and Benefits

- Preformed mouldings eliminate the need for site fabrication to prevent errors through poor workmanship
- Easy to handle, flexible, tough, durable and puncture resistant
- Can be used for multi-storey or high-loading applications – will not extrude under high loads up to the point of compression failure of wall
- Wide range of standard components with special tailor made accessories also available
- Fully itemised scheduling service

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Satisfies all NHBC requirements
- Meets BRE requirements
- Complies with Building Regulation Approved Documents C1 and C2
- Meets all relevant British Standards

Material and Colour Choice

- Formed in 2mm medium density polyethylene and/or polypropylene
- Available in black only

Installation Advice

Units will require tape and seal - tape sold seperately. Use GTAPE01 to make the seal between joint surfaces. Use GTAPE02 to seal upper surface to minimise lap lifting if used in concrete floors

Products in the Range

Top hat pipe collars
(TH055, TH082, TH110, TH135, TH160)
Top hat pipe collars are available in sizes from 55mm to 160mm. A standard range of preformed pipe sleeves that are designed to have sealing tape applied to the unit base to offer a unit for sealing to a gas barrier and at the intersection of pipe projections. Common applications are for soil /service pipes passing vertically via a gas barrier or membrane to maintain a continuous seal. Top hats are suitable for installation at ceiling level for pipe protrusions to assist in reducing air leakage.All jubilee clips are supplied separate to top hat units.

Jubilee clips size 5 for TH055
Jubilee clips size 6 for TH110
Jubilee clips size 7 for TH160

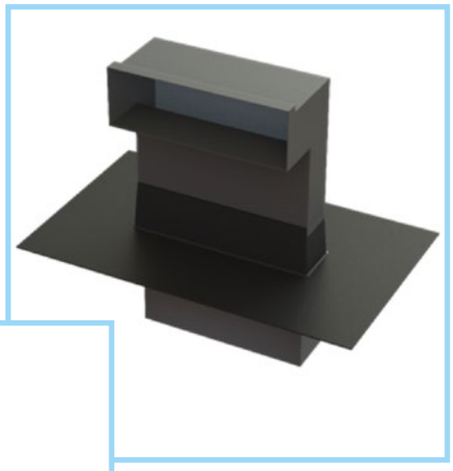
Flexible top hat
(77110,77135)
The flexible top hat has been designed to be flexible enough to fit around difficult applications and is perfect for use in tight situations where a pipe is located close to a wall

Product Codes

Description	Product Code
Top hat pipe collar 55mm	TH055
Top hat pipe collar 82mm	TH082
Top hat pipe collar 110mm	TH110
Top hat pipe collar 135mm	TH135
Top hat pipe collar 160mm	TH160
Jubilee clips size 5, 6 or 7	JCLIP 5, 6 or 7
Flexible top hat pipe collar 110mm diameter	77110
Flexible top hat pipe collar 135mm diameter	77135
Gastite sealing tape 15m x 100mm	GTAPE01
Girth tape 75m x 50mm	GTAPE02

1201 Top Hat

Top hat collar for sealing telescopic underfloor vent



Use

- Top hat collar for sealing telescopic underfloor vent
- When gas protection is required
- Suitable for Radon, Hydrocarbon, Methane and CO2

Features and Benefits

- Preformed mouldings eliminate the need for site fabrication to prevent errors through poor workmanship
- Easy to handle, flexible, tough, durable and puncture resistant
- Manufactured to fit Timloc 1201 & 1201XL

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001-2015
- Complies with all relevant Building Regulations
- Meets all relevant British Standard

Material and Colour Choice

- Manufactured from medium-density polyethylene (MDPE)
- Available in black only

Installation Advice

- Cut DPC / cavity trays to work around telescopic underfloor vent
- Separate top and bottom sections of 1201 telescopic vent and slot 1201 top hat over either half
- Position 1201 top hat to required position to sit over DPC / cavity tray
- Unit will require tape seal for gas barrier - Tape sold separately
- Use gastite G-Tape01 to make seal around full flat base surface
- Use girth tape G-tape02 to seal upstand to 1201 telescopic vent

Dimensions

- 425mm x 257mm x 60mm (H x W x D)

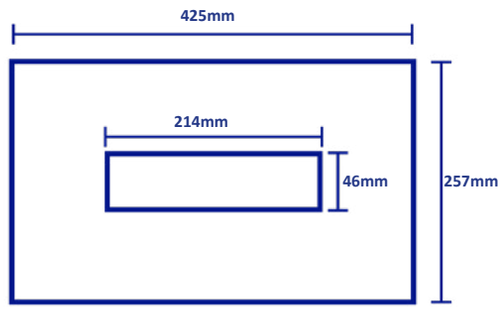
How To Order

- Order as each
- State product code

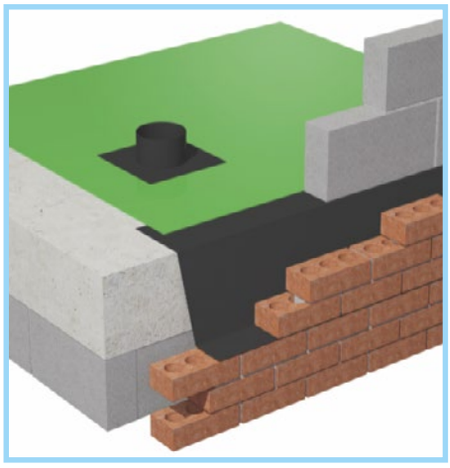
Product Code

Description	Colour	Product code
1201 top hat	Black	77120
Gastite sealing tape 15m x 100mm	-	GTAPE01
Girth tape 75m x 50mm	-	GTAPE02

Product Dimensions



Gas Barrier and Damp Proof Membrane Cavity Tray Systems and Accessories



Working in conjunction with radon, methane, CO2 and hydrocarbon gas barrier systems to contain rising gases across the footprint of the building

Change of level units

Radon sumps

Column cloak

Threshold internal protection tray TPT01

Use

- In areas outlined in BRE document 'Radon' guidance on protective measures in new dwellings
- When gas protection is required across the footprint of the building
- Crossing cavity wall constructions to maintain gas barrier integrity
- Forming internal perimeter trays to allow membranes continuity
- Following a risk assessment where the requirement is for a good gas protection measure against Radon, Co2, Methane and Hydrocarbon
- To be designed and installed in a continuous system around the whole building perimeter

Features and Benefits

- Preformed mouldings eliminate the need for site fabrication to prevent errors through poor workmanship
- Easy to handle, flexible, tough, durable and puncture resistant
- Can be used for multi-storey or high-loading applications – will not extrude under high loads up to the point of compression failure of wall
- Range of standard components with special tailor made accessories available
- Fully itemised scheduling service

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Satisfies all NHBC requirements
- Meets BRE requirements
- Complies with Building Regulation Approved Documents C1 and C2
- Meets all relevant British Standards

Material and Colour Choice

- Formed in 2mm medium density polyethylene and/or polypropylene
- Available in black only

Installation Advice

Units will require tape and seal - tape sold seperately. Use Gtape01 to make the seal between joint surfaces. Use Gtape02 to seal upper surface to minimise lap lifting if used in concrete floors

Products in the Range

Preformed cavity tray system
Works by reducing on site exposure to the membrane through the use of independent performed and rigid cavity trays installed to the perimeter of the building, in both the cavity wall with our PCT range and installed at the slab edging with our SPT range.

PCT Range - Horizontal cavity wall perimeter trays
Supplied in 2.5 metre lengths and manufactured from heavy duty 2mm polypropylene. They should be installed continuously around the external perimeter of a building to allow the membrane to be laid at a later stage and so prevent damage as building works proceeds.

Corners - PCT and SPT ranges
Available in both SPT and PCT ranges and manufactured from heavy duty 2mm polyethylene. The standard corners are 90° but a wide range of options are available and selection is by cavity size, wall construction and damp proof course or slab rise required.

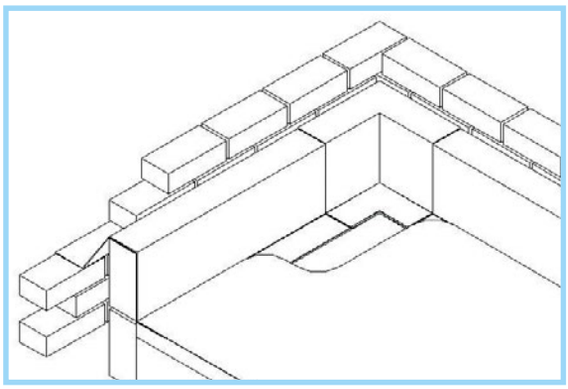
Stopends & change of level units
Available in the PCT range and manufactured from heavy duty 2mm PP. Suitable if breaks appear in the natural run of the cavity tray system, and available in cavity size and rise options with 75, 150 and 225mm steps.

Radon sumps (RSUMP01)
Prefabricated sumps are required when a sub floor depressurisation is required under full radon protection. The sump is installed beneath the floor slab in non suspended floor applications and vented to atmosphere via a connecting 110mm drainage pipe to an external source and capped off with proprietary products i.e. air bricks & telescopic under floor vents or roof vents.

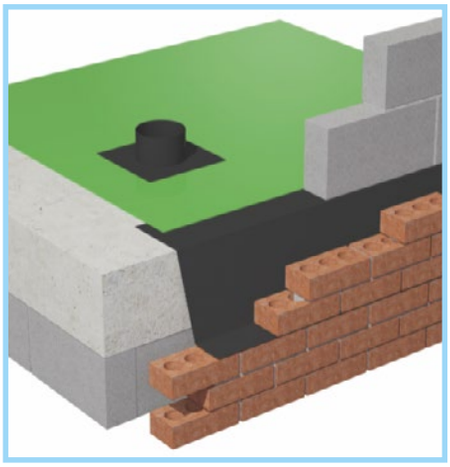
Televent gas sleeve tray (TST01)
For use when telescopic under floor vents need to pass through a perimeter cavity and still maintain gas tight integrity.

Threshold internal protection tray (TPT01)
Designed for detailing rebated areas inside door threshold to maintain water and gas tight integrity without having to trim membrane to fit. Due to possible variations in size, threshold dimensions will be required.

Column cloaks (made to order)
Non standard applications can require gas and water integrity around columns and stanchions. Timloc will design and produce rigid preformed units that are user friendly: simply contact our technical department.



Gas Barrier and Damp Proof Membrane Cavity Tray Systems and Accessories



Working in conjunction with radon, methane, CO2 and hydrocarbon gas barrier systems to contain rising gases across the footprint of the building.

How to Order

- Timloc can prepare a comprehensive schedule and quotation service. Forward full working drawings and specifications to our technical department
- Orders can be established from written quotations by stipulating number issued

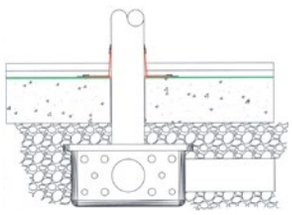
Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling

Clause

360 GAS RESISTANT CAVITY TRAY ACCESSORIES

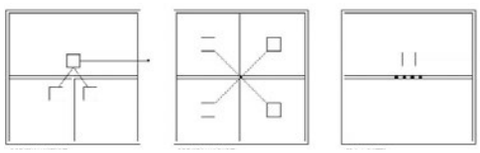
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference: e.g. Top hat pipe collar
- Size: e.g. 110mm
- Product code: e.g. TH110
- Use: For use in all types of floor construction to protect buildings against gas penetration from the ground. To cover the full footprint of the building and to incorporate proprietary accessories for pipe, vent protrusions.



Radon sump illustrating horizontal and vertical 110mm soil pipe for venting with **top hat collar**

The minimum number of sumps required is 1 per dwelling, but this will be dependent on the foundation construction of the building.

3x sumps req. **4x sumps req.** **single sump req.**



Vented load-bearing masonry

Non-vented load-bearing masonry

Product Codes

Description	Product Code
Radon sump	RSUMP01
Threshold internal protection tray 930mm	TPT01
Televent gas sleeve tray (cavity tray profile req.)	TST01
Gastite sealing tape 15m x 100mm	GTAPE01
Girth tape 75m x 50mm	GTAPE02

Product codes to suit cavity widths of:	50mm	75mm	100mm
PCT150 Perimeter cavity tray 150mm rise	5101	5102 †	5103
PCT150 External 90° corner cavity tray	5110	5112	5114
PCT150 Internal 90° corner cavity tray	5111	5113 †	5115
PCT150 Cavity tray stopend RH	5130 †	5132 †	5134
PCT150 Cavity tray stopend LH	5131 †	5133 †	5135
PCT150 Change of level 75mm step	9060 †	9063 †	9066
PCT150 Change of level 150mm step	9061 †	9064 †	9067
PCT150 Change of level 225mm step	9062 †	9065 †	9068
PCT225 Perimeter cavity tray 225mm rise	5104 †	5105 †	5106
PCT225 External 90° corner cavity tray	5116	5118 †	5120
PCT225 Internal 90° corner cavity tray	5117	5119 †	5121
PCT225 Cavity tray stopend RH	5136	5138 †	5140
PCT225 Cavity tray stopend LH	5137	5139 †	5141
PCT225 Change of level 75mm step	9070 †	9073 †	9076 †
PCT225 Change of level 150mm step	9071 †	9074	9077
PCT225 Change of level 225mm step	9072 †	9075 †	9078

† For internal use only

Damp Proof Coursing Accessories

Products allowing a complete horizontal cavity tray system to be formed


Change of level unit


Joint support

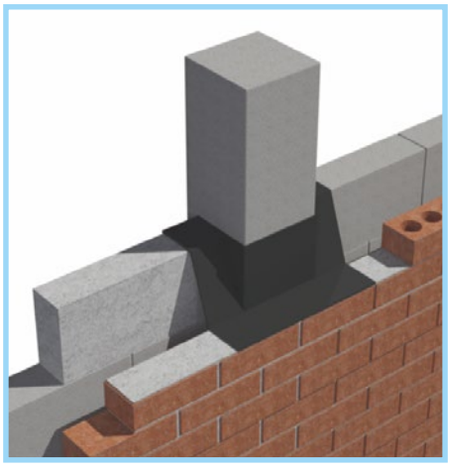

Stopend (full height)


Gtape


Sloping stopend (75mm high)


Multi stopend (75mm high)


Corner unit



Use

- Wherever DPC is used to form a horizontal cavity tray

Features and Benefits

- One piece seamless mouldings eliminate the need for site fabrication to prevent errors through poor workmanship
- Easy to handle, flexible, tough, durable and puncture resistant
- Can be used for multi-storey or high loading applications - will not extrude under loads up to the point of compressive failure of wall
- Wide range of standard components with special, tailor-made accessories also readily available

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Moulded in 2.0mm thick medium density polyethylene. They do not contain any pitch, tar or bitumen. Available in black only

Products in the System

Corner units
- For use where a cavity tray must turn the corner of a building

Change of level units
- For use where the cavity tray steps up or down along its run

Stopend units
- For sealing off the ends of the cavity tray at its start and finish

Jointing tape
- For sealing lapped joints in the DPC or for sealing the DPC on to the accessories

Joint supports
- For fitting below lapped joints in the DPC to provide support and allow the jointing tape to be sealed correctly

Installation Advice

- As with the DPC, accessories should always be bedded on to fresh mortar, never dry bedded. The masonry laid over the DPC should also be bedded on to fresh mortar so that the DPC is approximately half way through the thickness of the mortar joint
- DPC must be lapped on to the accessory by a minimum of 100mm
- All lapped joints must be fully sealed with jointing tape. It is essential that the jointing surfaces are clean and dry or the jointing tape will not seal correctly

How to Order

- State the wall construction, cavity width and the rise which is required across the cavity
- If you need a special, tailor-made accessory - please supply a dimensioned sketch detailing your requirements

Bill of Quantity

F30 Accessories/sundry items for brick/block/stone walling

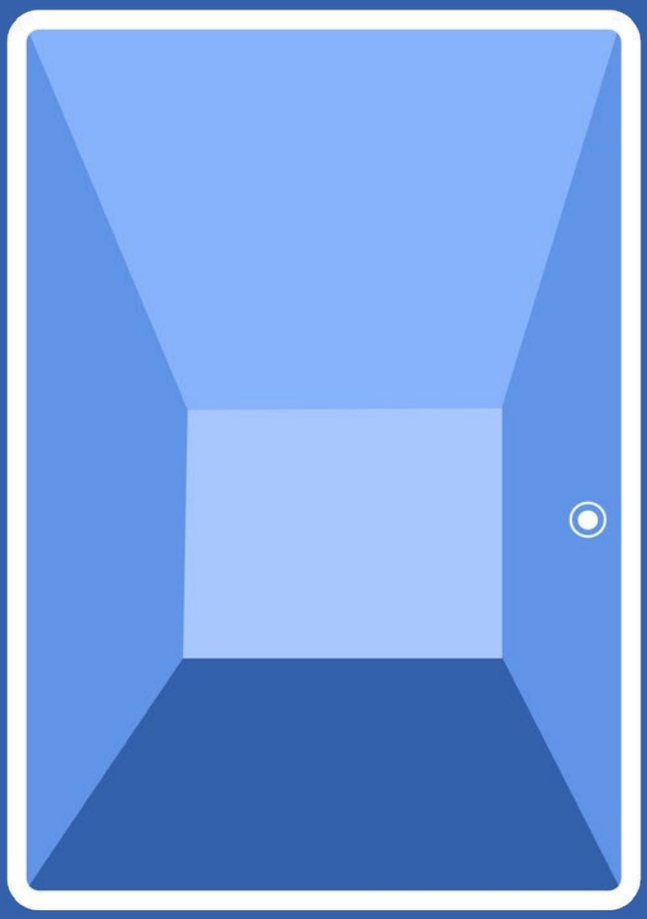
Clause

380 | PREFORMED DPC/CAVITY TRAY JUNCTION CLOAKS/STOPENDS
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Preformed stopend units to be positioned at the start and finish of a run of cavity trays.
- Seal all laps with dpcs and/or cavity trays using adhesive/mastic in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference: 9000 Stopend Unit (RH/LH)
- Cavity Rise: (150mm or 225mm)
- Cavity Width: (50mm, 75mm and 100mm)

Product Codes

Built in at 150mm rise		Product code to suit cavity widths of		
Description	**Handing**	**50mm**	**75mm**	**100mm**
Stop end units - full height	RH	9010	9012	9014
Stop end units - full height	LH	9011	9013	9015
Stop end units - 75mm high (sloping)	RH	9045 †	9047 †	9049 †
Stop end units - 75mm high (sloping)	LH	9046 †	9048 †	9050 †
Stop end units - 75mm high	Multi	9024	9024	9024 †
Corner units	-	9001	9002	9003
Joint supports	-	9026 †	9027	9028
Change level unit - 75mm step	Multi	9060 †	9063 †	9066
Change level unit - 150mm step	Multi	9061 †	9064 †	9067
Change level unit - 225mm step	Multi	9062 †	9065 †	9068
Gastite sealing tape 15m x 100mm	-	GTAPE01	GTAPE01	GTAPE01

Built in at 225mm rise		Product code to suit cavity widths of		
Description	**Handing**	**50mm**	**75mm**	**100mm**
Stop end units - full height	RH	9018 †	9020 †	9022
Stop end units - full height	LH	9019 †	9021 †	9023
Stop end units - 75mm high (sloping)	RH	9051	9053 †	9055 †
Stop end units - 75mm high (sloping)	LH	9052	9054 †	9056 †
Stop end units - 75mm high	Multi	9024	9024	9024
Corner units	-	9004	9005	9006
Joint supports	-	9030 †	9031 †	9032
Change level unit - 75mm step	Multi	9070	9073	9076
Change level unit - 150mm step	Multi	9071	9074	9067
Change level unit - 225mm step	Multi	9072	9075	9078
Gastite sealing tape 15m x 100mm	-	GTAPE01	GTAPE01	GTAPE01



METER BOXES

Electric Meter Box Recessed

Designed to house UK standard domestic electric meters

Use

- Designed to house UK standard domestic electric meters

Features and Benefits

- Supplied fully assembled with door fitted
- Compliant to British Standard BS 8567:2012
- Fire retardant to BS 476, Part. 7, 1997, Class 2
- Suitable for all standard domestic meters including prepay and smart
- Will not corrode, weather resistant
- Easily cleaned and can be painted
- Cable entry and meter tail positions are predrilled and supplied with in-fill cap, cable entry position via hockey stick (not supplied)
- Complete with timber backboard, lock and key
- Pin hinges on left

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001-2015
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from hot pressed glass reinforced plastic (GRP)
- Available in white only

Installation Advice

- This meter box should only be fitted by a suitably qualified person
- Minimum wall cut out of 535mm x 365mm required
- Build the box into the wall in the position specified, ensuring it does not bridge the damp proof course
- The base and sides of the box should be fully bedded into the mortar to hold it into the wall with the sides of the architrave touching the outer leaf of the brickwork
- A suitable Timloc cavity tray should be fitted as a damp proof course above and behind the box.
- Where a spigot is fitted, build the inner wall around it, filling any space between the spigot and the wall with mortar

Dimensions

- Overall: 595mm x 409mm x 210mm (H x W x D)
- Recessed: 530mm x 363mm 150mm (H x W x D)

How To Order

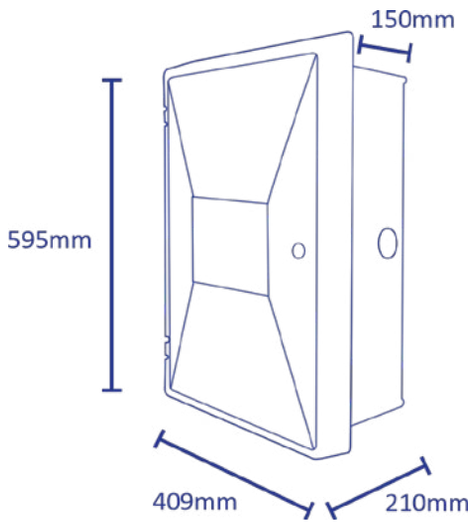
- Order as each
- State product codes
- Supplied boxed and assembled with door

Product Codes

Description	Colour	Product Code
Electric meter box - Recessed	White	30011
Replacement door - 549 x 383mm*	White	30008

*Pin hinge fitting only - Not suitable for butt hinge type.

Product Dimensions



METER BOXES

by timloc

Electric Meter Box Surface Mounted

Designed to house UK standard domestic electric meters

Use

- Designed to house UK standard domestic electric meters

Features and Benefits

- Supplied fully assembled with door fitted
- Compliant to British Standard BS 8567:2012
- Fire retardant to BS 476, Part. 7, 1997, Class 2
- Suitable for all standard domestic meters including prepay and smart
- Will not corrode, weather resistant
- Easily cleaned and can be painted
- Cable entry position via hockey stick (not supplied)
- Complete with timber backboard, lock and key
- Pinges on left

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001-2015
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from hot pressed glass reinforced plastic (GRP)
- Available in white only

Installation Advice

- This meter box should only be fitted by a suitably qualified person
- Back plate must be removed prior to installation and fixed to the wall
- Box should be fitted so that it is level with its base, ideally 500mm and 1500mm from the finished level
- Using the back plate for reference, mark the fixing holes on the wall, box must be level. Drill and plug the wall
- Secure box to the wall

Dimensions

- Overall: 595mm x 410mm x 220mm (H x W x D)

How To Order

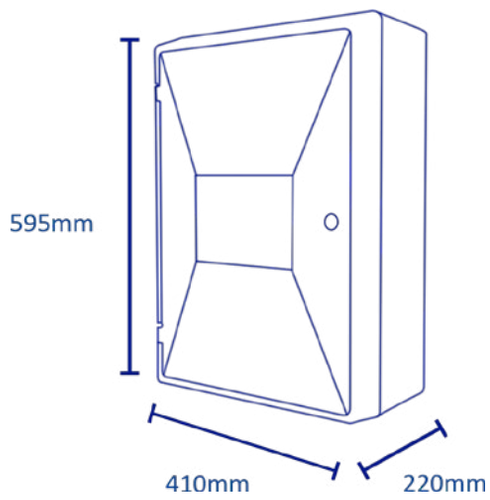
- Order as each
- State product codes
- Supplied boxed and assembled with door

Product Codes

Description	Colour	Product Code
Electric meter box - Surface mounted	White	30012
Replacement door - 549 x 383mm*	White	30008

*Pin hinge fitting only - Not suitable for butt hinge type.

Product Dimensions



METER BOXES by timloc

Gas Meter Box Recessed

Designed to house UK standard domestic gas meters

Use

- Designed to house UK standard domestic gas meters

Features and Benefits

- Supplied fully assembled with door fitted
- Compliant to British Standard BS 8567:2012
- Fire retardant to BS 476, Part. 7, 1997, Class 2
- Suitable for all standard domestic meters including prepay and smart
- Will not corrode, weather resistant
- Easily cleaned and can be painted
- Complete with spigot, lock and key
- Pin hinges on right

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001-2015
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from hot pressed glass reinforced plastic (GRP)
- Available in white only

Installation Advice

- This meter box should only be fitted by a suitably qualified person
- Minimum wall cut out of 535mm x 365mm required
- Build the box into the wall in the position specified, ensuring it does not bridge the damp proof course
- The base and sides of the box should be fully bedded into the mortar to hold it into the wall with the sides of the architrave touching the outer leaf of the brickwork
- A suitable Timloc cavity tray should be fitted as a damp proof course above and behind the box.
- Where a spigot is fitted, build the inner wall around it, filling any space between the spigot and the wall with mortar

Dimensions

- Overall: 595mm x 409mm x 214mm (H x W x D)
- Recessed: 530mm x 363 x 150mm (H x W x D)

How To Order

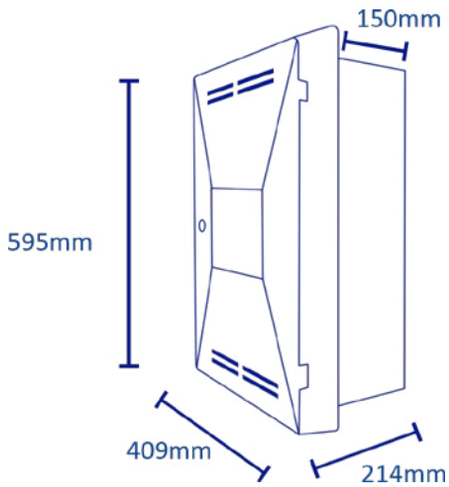
- Order as each
- State product codes
- Supplied boxed and assembled with door

Product Codes

Description	Colour	Product Code
Gas meter box - Recessed	White	30013
Replacement door - 549 x 383mm	White	30014

*Pin hinge fitting only - Not suitable for butt hinge type.

Product Dimensions



METER BOXES

by timloc

Gas Meter Box Surface Mounted

Designed to house UK standard domestic gas meters

Use

- Designed to house UK standard domestic gas meters

Features and Benefits

- Supplied fully assembled with door fitted
- Compliant to British Standard BS 8567:2012
- Fire retardant to BS 476, Part. 7, 1997, Class 2
- Suitable for all standard domestic meters including prepay and smart
- Will not corrode, weather resistant
- Easily cleaned and can be painted
- Complete with MK2 back plates, lock and key
- Three part box - Door, box and back
- Pin hinges on right

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001-2015
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from hot pressed glass reinforced plastic (GRP)
- Available in white only

Installation Advice

- This meter box should only be fitted by a suitably qualified person
- Back plate must be removed prior to installation and fixed to the wall
- Box should be fitted so that it is level with its base, ideally 500mm and 1500mm from the finished level
- Using the back plate for reference, mark the fixing holes on the wall, box must be level. Drill and plug the wall

Dimensions

- Overall: 510mm x 408mm x 242mm (H x W x D)

How To Order

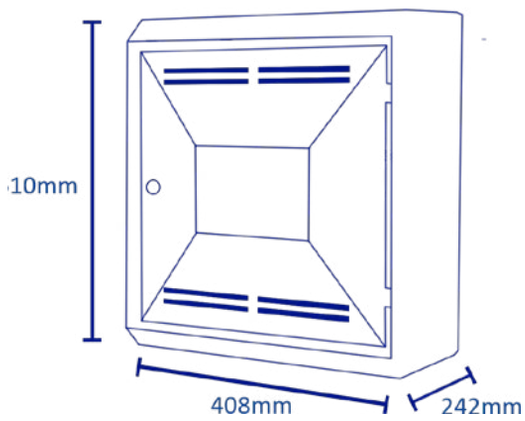
- Order as each
- State product codes
- Supplied boxed and assembled with door

Product Codes

Description	Colour	Product Code
Gas meter box - Surface mounted	White	30015
Replacement door - 340 x 380mm	White	30016

*Pin hinge fitting only - Not suitable for butt hinge type.

Product Dimensions



Gas Meter Box - Universal Smart

Designed to house UK standard domestic smart gas meters

Use

- Designed to house UK standard domestic smart gas meters

Features and Benefits

- Designed for the standard smart gas meter installation kits
- Fire retardant to BS476, Part 7, Class 2.
- Fitted meter bracket and safety door stay
- Will not corrode, weather resistant.
- Easily cleaned.
- Complete with hinges, lock and key.
- Door opening front to back.

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001-2015
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from hot pressed glass reinforced plastic (GRP)
- Available in brown only

Installation Advice

- This meter box should only be fitted by a suitably qualified person

Dimensions

- Overall: 595mm x 409mm x 210mm (H x W x D)
- Recessed: 530mm x 363mm 150mm (H x W x D)

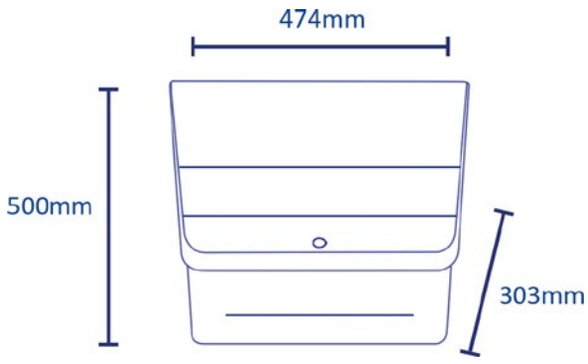
How To Order

- Order as each
- State product codes
- Supplied boxed and assembled with door

Product Codes

Description	Colour	Product Code
Gas meter box - Universal Smart	Brown	30017
Replacement door	Brown	30018

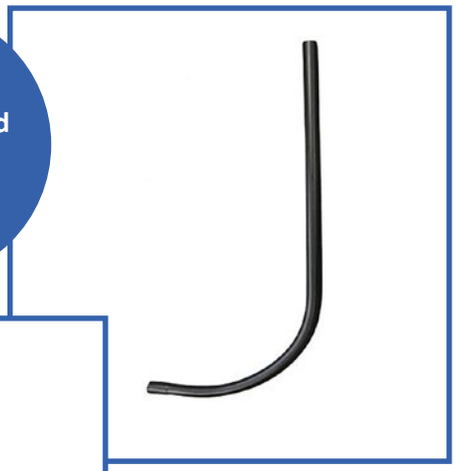
Product Dimensions



Meter Box Hockey Stick

Designed to suit cable entry into meter box

Sold in single units and packaged in a sleeve



Internal Cavity Hockey Stick

Surface Mounted Hockey Stick

Use

- Designed to suit cable entry into meter box

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001-2015
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from UPVC
- 31001 - Black | 31002 - Off-white

Installation Advice

- Hockey sticks should only be fitted by a suitably qualified person

Dimensions

- 31001: 1200mm x 480mm x 38mm (H x W x D)
- 31002: 1450mm x 310mm x 38mm (H x W x D)

How To Order

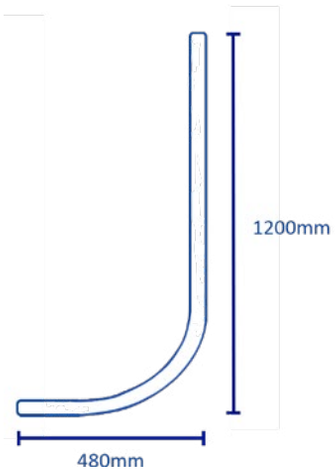
- Order as each
- State product codes

Product codes

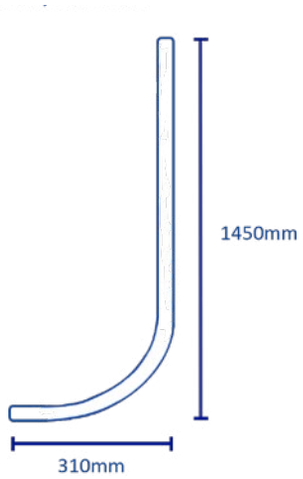
Description	Colour	Product Code
Internal Cavity Hockey Stick	Black	31001
Surface Mounted Hockey Stick	Off-white	31002

Product Dimensions

31001 - Internal Cavity Hockey Stick



31002 - Surface Mounted Hockey Stick



LIFETIME, NOT SINGLE-USE

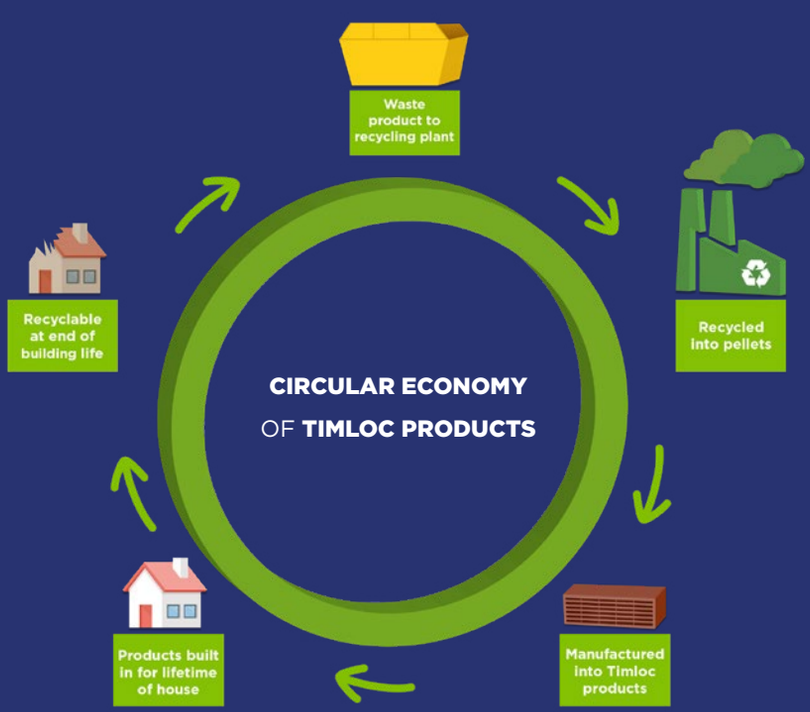
At Timloc Building Products, we take our responsibility for the environment seriously and are committed to making positive steps to help reduce plastic waste within the building industry.

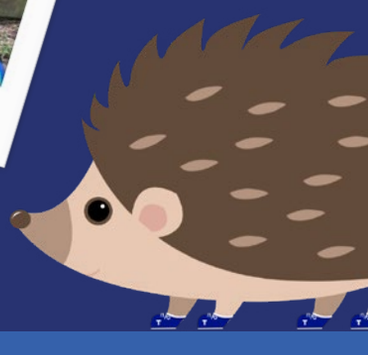
We are proud to manufacture products that are made to last and are predominantly from recycled plastics.

Our products are designed for use throughout the lifespan of a home and are recyclable at the end of the building life.

As part of our ongoing sustainability initiative, we have produced the 'Hedgehog Highway by Timloc' to help tackle the declining number of our prickly friends across the UK.

Multiple-use products designed for the **lifespan** of the building.





For more information on Timloc's sustainability commitment please visit:
timloc.co.uk/sustainability

HEDGEHOG HIGHWAY by timloc

Helping hedgehogs roam from garden to garden

Use

- To frame fence holes designed to connect gardens, enabling hedgehogs to roam freely and forage for food and shelter without restriction

Features and Benefits

- Effective, quick and easy to fit
- Makes a feature of the purpose-made hole and clarifies its objective, in turn helping to avoid accidental obstruction
- Durable and totally resistant to decay
- Manufactured from 100% recycled plastic

Quality

- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and Colour Choice

- Manufactured from recycled HDPE
- Available in Black only

Installation Advice

- Cut a 130mm x 130mm square hole in the bottom of the garden fence or wall - use the Hedgehog Highway by Timloc as a guide
- Line up the Hedgehog Highway by Timloc with the hole and secure into place with screws (not provided)

The Hedgehog Highway by Timoc has been produced as a not-for-profit initiative. A significant donation from the sale of each Hedgehog Highway will be made to local hedgehog rescue centres and support organisations.

How to Order

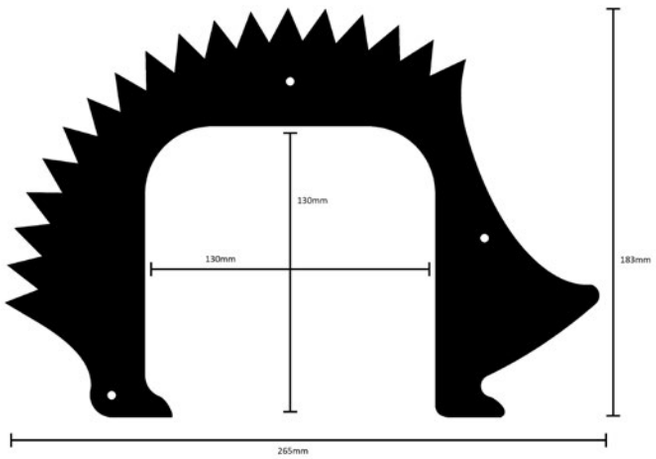
- Contact our sales team or visit the dedicated Hedgehog Highway by Timloc web page for details of how to order:

www.timloc.co.uk/sustainability/hedgehog-highway-by-timloc

Product Codes

Pack Quantity	Colour	Product Code
1	Black	5551
2	Black	5552

Product Dimensions



PRODUCT CODES

Product Codes

Individual codes for the entire Timloc product range

Construction Accessories

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Invisiweep Cavity Wall Weep	Blue Black	50	Next Working Day	IW50BB	7
Invisiweep Cavity Wall Weep	Black	50	Next Working Day	IW50BL	7
Invisiweep Cavity Wall Weep	Brown	50	Next Working Day	IW50BR	7
Invisiweep Cavity Wall Weep	Buff	50	Next Working Day	IW50BU	7
Invisiweep Cavity Wall Weep	Clear	50	Next Working Day	IW50CL	7
Invisiweep Cavity Wall Weep	Grey	50	Next Working Day	IW50GR	7
Invisiweep Cavity Wall Weep	Terracotta	50	Next Working Day	IW50TE	7
Invisiweep Cavity Wall Weep	White	50	Next Working Day	IW50WH	7
Invisiweep Cavity Wall Weep	Blue Black	200	Next Working Day	IW200BB	7
Invisiweep Cavity Wall Weep	Black	200	Next Working Day	IW200BL	7
Invisiweep Cavity Wall Weep	Brown	200	Next Working Day	IW200BR	7
Invisiweep Cavity Wall Weep	Buff	200	Next Working Day	IW200BU	7
Invisiweep Cavity Wall Weep	Clear	200	Next Working Day	IW200CL	7
Invisiweep Cavity Wall Weep	Grey	200	Next Working Day	IW200GR	7
Invisiweep Cavity Wall Weep	Terracotta	200	Next Working Day	IW200TE	7
Invisiweep White 200 Units	White	200	Next Working Day	IW200WH	7
Invisiweep Extension Tube 500mm	Clear	10	Next Working Day	IW500EX	7
Invisiweep NC Non-Combustible Cavity Wall Weep	Silver	50	Next Working Day	ZIN50	8
Cavity Wall Weep Vent	Blue Black	50	Next Working Day	1143BB	9
Cavity Wall Weep Vent	Black	50	Next Working Day	1143BL	9
Cavity Wall Weep Vent	Brown	50	Next Working Day	1143BR	9
Cavity Wall Weep Vent	Buff	50	Next Working Day	1143BU	9
Cavity Wall Weep Vent	Clear	50	Next Working Day	1143CL	9
Cavity Wall Weep Vent	Grey	50	Next Working Day	1143GR	9
Cavity Wall Weep Vent	Terracotta	50	Next Working Day	1143TE	9
Cavity Wall Weep Vent	White	50	Next Working Day	1143WH	9
Cavity Wall Weep Vent Extension 50mm	Natural	50	Next Working Day	1144	9
Drill Vent by Timloc	Clear	50	Next Working Day	DV1	10
Drill Vent by Timloc	Buff	50	Next Working Day	DV2	10
Drill Vent by Timloc	Terracotta	50	Next Working Day	DV3	10
Insulation Retaining Discs 65mm	Black	1500	Next Working Day	IRD65BL	11
Insulation Retaining Discs 80mm	Red	1000	Next Working Day	IRD80R	11
1201 Airbrick	Blue Black	20	Next Working Day	1201ABBB	12
1201 Airbrick	Black	20	Next Working Day	1201ABBL	12
1201 Airbrick	Brown	20	Next Working Day	1201ABBR	12
1201 Airbrick	Buff	20	Next Working Day	1201ABBU	12
1201 Airbrick	Grey	20	Next Working Day	1201ABGR	12
1201 Airbrick	Terracotta	20	Next Working Day	1201ABTE	12
1201 Airbrick	White	20	Next Working Day	1201ABWH	12
1201 Telescopic Underfloor Ventilator	Black	20	Next Working Day	1201	13
1201XL Telescopic Underfloor Ventilator	Black	10	Next Working Day	1201XL	14
1201 Underfloor Vent Horizontal Front Extension +115mm	Black	10	Next Working Day	1203	15
1201 Underfloor Vent Vertical Extension +150mm	Black	20	Next Working Day	1204	15
1201 Underfloor Vent Duct Adapter to suit 110mm diameter	Black	20	Next Working Day	1205	15
1201 Underfloor Vent Horizontal Rear Extension +100mm	Black	1	Next Working Day	1206	15

Cavity Trays

Everdry 225mm Intermediate Brickwork Cavity Tray Right Hand	Black	1	Next Working Day	10001	18
Everdry 225mm Intermediate Brickwork Cavity Tray Left Hand	Black	1	Next Working Day	10002	18
Everdry 420mm Intermediate Brickwork Cavity Tray Right Hand	Black	1	Next Working Day	10011	18
Everdry 420mm Intermediate Brickwork Cavity Tray Left Hand	Black	1	Next Working Day	10012	18
Everdry 225mm Stop End Starter Brickwork Cavity Tray Right & Left Handed	Black	1	Next Working Day	10031	18
Everdry 225mm Corner Starter Brickwork Cavity Tray Right & Left Handed	Black	1	Next Working Day	10041	18
Everdry 225mm Ridge Brickwork Cavity Tray	Black	1	Next Working Day	10061	18
Everdry 420mm Ridge Brickwork Cavity Tray	Black	1	Next Working Day	10062	18
Poly Strip Everdry 225mm Intermediate Brickwork Cavity Tray Right Hand	Black	1	Next Working Day	10001P	18
Poly Strip Everdry 225mm Intermediate Brickwork Cavity Tray Left Hand	Black	1	Next Working Day	10002P	18
Poly Strip Everdry 420mm Intermediate Brickwork Cavity Tray Right Hand	Black	1	Next Working Day	10011P	18
Poly Strip Everdry 420mm Intermediate Brickwork Cavity Tray Left Hand	Black	1	Next Working Day	10012P	18
Poly Strip Everdry 225mm Stop End Starter Brickwork Cavity Tray Right & Left Handed	Black	1	Next Working Day	10031P	18
Poly Strip Everdry 225mm Corner Starter Brickwork Cavity Tray Right & Left Handed	Black	1	Next Working Day	10041P	18
Poly Strip Everdry 225mm Ridge Brickwork Cavity Tray	Black	1	Next Working Day	10061P	18
Poly Strip Everdry 420mm Ridge Brickwork Cavity Tray	Black	1	3 - 5 Working Days	10062P	18

Cavity Trays (continued)

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Everdry 450mm Intermediate Stonework Cavity Tray	Black	1	Next Working Day	7101-7102	20
Everdry 450mm Intermediate Stonework Cavity Tray	Black	1	3 - 5 Working Days	7103-7104	20
Everdry 450mm Intermediate Stonework Cavity Tray	Black	1	Next Working Day	7105-7106	20
Everdry 450mm Intermediate Stonework Cavity Tray	Black	1	3 - 5 Working Days	7107-7110	20
Everdry 625mm Intermediate Stonework Cavity Tray	Black	1	3 - 5 Working Days	7111-7120	20
Everdry 1250mm Intermediate Stonework Cavity Tray	Black	1	3 - 5 Working Days	7121-7130	20
Everdry 450mm Stop End Starter Stonework Cavity Tray Right & Left Handed	Black	1	Next Working Day	7131	20
Everdry 450mm Stop End Starter Stonework Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7132-7134	20
Everdry 450mm Stop End Starter Stonework Cavity Tray Right & Left Handed	Black	1	Next Working Day	7135	20
Everdry 450mm Stop End Starter Stonework Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7136-7139	20
Everdry 550mm Corner Starter Stonework Cavity Tray Right & Left Handed	Black	1	Next Working Day	7141	20
Everdry 550mm Corner Starter Stonework Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7142-7150	20
Everdry 450mm Ridge Stonework Cavity Tray	Black	1	Next Working Day	7161	20
Everdry 450mm Ridge Stonework Cavity Tray	Black	1	3 - 5 Working Days	7162-7165	20
Poly Strip Everdry 450mm Intermediate Stonework Cavity Tray	Black	1	Next Working Day	7101P-7102P	20
Poly Strip Everdry 450mm Intermediate Stonework Cavity Tray	Black	1	3 - 5 Working Days	7103P-7110P	20
Poly Strip Everdry 625mm Intermediate Stonework Cavity Tray	Black	1	3 - 5 Working Days	7111P-7120P	20
Poly Strip Everdry 1250mm Intermediate Stonework Cavity Tray	Black	1	3 - 5 Working Days	7121P-7130P	20
Poly Strip Everdry 450mm Stop End Starter Stonework Cavity Tray Right & Left Handed	Black	1	Next Working Day	7131P	20
Poly Strip Everdry 450mm Stop End Starter Stonework Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7132P-7139P	20
Poly Strip Everdry 550mm Corner Starter Stonework Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7141P-7150P	20
Poly Strip Everdry 450mm Ridge Stonework Cavity Tray	Black	1	Next Working Day	7161P	20
Poly Strip Everdry 450mm Ridge Stonework Cavity Tray	Black	1	3 - 5 Working Days	7162P-7165P	20
Everdry 625mm Intermediate Blockwork Cavity Tray	Black	1	Next Working Day	7201-7202	22
Everdry 625mm Intermediate Blockwork Cavity Tray	Black	1	3 - 5 Working Days	7203-7210	22
Everdry 1250mm Intermediate Blockwork Cavity Tray	Black	1	3 - 5 Working Days	7211-7220	22
Everdry 450mm Stop End Starter Blockwork Cavity Tray Right & Left Handed	Black	1	Next Working Day	7231	22
Everdry 450mm Stop End Starter Blockwork Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7232-7239	22
Everdry 550mm Corner Starter Blockwork Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7241-8250	22
Everdry 625mm Ridge Blockwork Cavity Tray	Black	1	Next Working Day	7261	22
Everdry 625mm Ridge Blockwork Cavity Tray	Black	1	3 - 5 Working Days	7262-7265	22
Poly Strip Everdry 625mm Intermediate Blockwork Cavity Tray	Black	1	3 - 5 Working Days	7201P-7210P	22
Poly Strip Everdry 1250mm Intermediate Blockwork Cavity Tray	Black	1	3 - 5 Working Days	7211P-7220P	22
Poly Strip Everdry 450mm Stop End Starter Blockwork Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7231P-7239P	22
Poly Strip Everdry 550mm Corner Starter Blockwork Cavity Tray Right & Left Handed	Black	1	3 - 5 Working Days	7241P-8250P	22
Poly Strip Everdry 625mm Ridge Blockwork Cavity Tray	Black	1	3 - 5 Working Days	7261P-7265P	22
Inter-loc Horizontal Cavity Tray New Build 2 Brick 50-125mm Cavity	Black	1	Next Working Day	IL2	30
Inter-loc Horizontal Cavity Tray New Build 4 Brick 50-125mm Cavity	Black	1	Next Working Day	IL4	30
Inter-loc Horizontal 90° External Corner Cavity Tray New Build	Black	1	Next Working Day	EXT90	30
Inter-loc Horizontal 90° Internal Corner Cavity Tray New Build	Black	1	Next Working Day	INT90	30
Inter-loc Horizontal 135° External Corner Cavity Tray New Build	Black	1	3 -5 Working Days	EXT135	30
Inter-loc Horizontal 135° Internal Corner Cavity Tray New Build	Black	1	3 -5 Working Days	INT135	30
Inter-loc Horizontal Cavity Tray Right Hand Stop End for New Build and Refurb	Black	1	Next Working Day	SERH	30
Inter-loc Horizontal Cavity Tray Left Hand Stop End for New Build and Refurb	Black	1	Next Working Day	SELH	30
Inter-loc Horizontal Cavity Tray Refurb 2 Brick 50-125mm Cavity	Black	1	Next Working Day	IL2/E	30
Inter-loc Horizontal 90° External Corner Cavity Tray Refurb	Black	1	Next Working Day	EXT90/E	30
Inter-loc Horizontal 90° Int Corner Cavity Tray Refurb	Black	1	Next Working Day	INT90/E	30
Poly Strip Inter-loc Horizontal Cavity Tray New Build 2 Brick 50-125mm Cavity	Black	1	Next Working Day	IL2P	30
Poly Strip Inter-loc Horizontal Cavity Tray New Build 4 Brick 50-125mm Cavity	Black	1	Next Working Day	IL4P	30
Poly Strip Inter-loc Horizontal 90° External Corner Cavity Tray New Build	Black	1	Next Working Day	EXT90P	30
Poly Strip Inter-loc Horizontal 90° Internal Corner Cavity Tray New Build	Black	1	Next Working Day	INT90P	30
System 2000 Horizontal Unleaded Cavity Tray New Build 460mm 50-74mm Cav	Black	1	Next Working Day	2075/460/50	32
System 2000 Horizontal Unleaded Cavity Tray New Build 460mm 75-99mm Cav	Black	1	Next Working Day	2075/460/75	32
System 2000 Horizontal Unleaded Cavity Tray New Build 460mm 100-125mm Cav	Black	1	Next Working Day	2075/460/100	32
System 2000 Horizontal Unleaded Cavity Tray New Build 460mm 125-150mm Cav	Black	1	3 -5 Working Days	2075/460/150	32
System 2000 Horizontal Unleaded Cavity Tray New Build 880mm 50-74mm Cav	Black	1	Next Working Day	2075/880/50	32
System 2000 Horizontal Unleaded Cavity Tray New Build 880mm 75-99mm Cav	Black	1	Next Working Day	2075/880/75	32
System 2000 Horizontal Unleaded Cavity Tray New Build 880mm 100-125mm Cav	Black	1	Next Working Day	2075/880/100	32
System 2000 Horizontal Unleaded Cavity Tray New Build 880mm 125-150mm Cav	Black	1	3 -5 Working Days	2075/880/150	32

Cavity Trays (continued)

Description	Colour	Quantity	Lead Time	Product Code	Page No.
System 2000 Horizontal External 90° Corner Cavity Tray 50-99 Cav	Black	1	Next Working Day	2010/50	32
System 2000 Horizontal External 90° Corner Cavity Tray 75-99 Cav	Black	1	Next Working Day	2010/75	32
System 2000 Horizontal External 90° Corner Cavity Tray 100-125 Cav	Black	1	Next Working Day	2010/100	32
System 2000 Horizontal External 90° Corner Cavity Tray New Build	Black	1	Next Working Day	2010/150	32
System 2000 Horizontal Internal 90° Corner Cavity Tray 50-74 Cav	Black	1	Next Working Day	2011/50	32
System 2000 Horizontal Internal 90° Corner Cavity Tray 74-99 Cav	Black	1	Next Working Day	2011/75	32
System 2000 Horizontal Internal 90° Corner Cavity Tray 100-125 Cav	Black	1	Next Working Day	2011/100	32
System 2000 Horizontal Internal 90° Corner Cavity Tray 126-150 Cav	Black	1	Next Working Day	2011/150	32
System 2000 Horizontal External 135° Corner Cavity Tray 50-74 Cav New Build	Black	1	3 -5 Working Days	2012/50	32
System 2000 Horizontal External 135° Corner Cavity Tray 75-99 Cav New Build	Black	1	3 -5 Working Days	2012/75	32
System 2000 Horizontal External 135° Corner Cavity Tray 100-125 Cav New Build	Black	1	3 -5 Working Days	2012/100	32
System 2000 Horizontal Internal 135° Corner Cavity Tray 50-74 Cav New Build	Black	1	3 -5 Working Days	2013/50	32
System 2000 Horizontal Internal 135° Corner Cavity Tray 75-99 Cav New Build	Black	1	3 -5 Working Days	2013/75	32
System 2000 Horizontal Internal 135° Corner Cavity Tray 100-125 Cav New Build	Black	1	3 -5 Working Days	2013/100	32
System 2000 Horizontal Cavity Tray Stop End Right Hand 50mm Cav	Black	1	Next Working Day	2003/50	32
System 2000 Horizontal Cavity Tray Stop End Right Hand 75mm Cav	Black	1	Next Working Day	2003/75	32
System 2000 Horizontal Cavity Tray Stop End Right Hand 100mm Cav	Black	1	Next Working Day	2003/100	32
System 2000 Horizontal Cavity Tray Stop End Right Hand 150mm Cav	Black	1	Next Working Day	2003/150	32
System 2000 Horizontal Cavity Tray Stop End Left Hand 50mm Cav	Black	1	Next Working Day	2004/50	32
System 2000 Horizontal Cavity Tray Stop End Left Hand 75mm Cav	Black	1	Next Working Day	2004/75	32
System 2000 Horizontal Cavity Tray Stop End Left Hand 100mm Cav	Black	1	Next Working Day	2004/100	32
System 2000 Horizontal Cavity Tray Stop End Left Hand 150mm Cav	Black	1	Next Working Day	2004/150	32
System 2000 Horizontal Unlead Cav Tray Refurb 460mm 50-74mm Cav	Black	1	Next Working Day	2005/50	32
System 2000 Horizontal Unlead Cavity Tray Refurb 460mm 75-99mm Cav	Black	1	Next Working Day	2005/75	32
System 2000 Horizontal Unlead Cavity Tray Refurb 460mm 100-125mm CAV	Black	1	Next Working Day	2005/100	32
System 2000 Horizontal Unlead External 90° Corner Cavity Tray Refurb 50-74 Cav	Black	1	3 -5 Working Days	2006E/50	32
System 2000 Horizontal Unlead External 90° Corner Cavity Tray Refurb 75-99 Cav	Black	1	3 -5 Working Days	2006E/75	32
System 2000 Horizontal Unlead External 90° Corner Cavity Tray Refurb 100-125 Cav	Black	1	3 -5 Working Days	2006E/100	32
System 2000 Horizontal Unlead Internal 90° Corner Cavity Tray Refurb 50-74 Cav	Black	1	3 -5 Working Days	2007E/50	32
System 2000 Horizontal Unlead Internal 90° Corner Cavity Tray Refurb 74-99 Cav	Black	1	3 -5 Working Days	2007E/75	32
System 2000 Horizontal Unlead Internal 90° Corner Cavity Tray Refurb 100-125 Cav	Black	1	3 -5 Working Days	2007E/100	32
System 2000 Horizontal PolyStrip Cavity Tray New Build 460mm 50-74mm Cav	Black	1	Next Working Day	2075/460P50	32
System 2000 Horizontal PolyStrip Cavity Tray New Build 460mm 75-99mm Cav	Black	1	Next Working Day	2075/460P75	32
System 2000 Horizontal PolyStrip Cavity Tray New Build 460mm 100-125mm Cav	Black	1	Next Working Day	2075/460P100	32
System 2000 Horizontal PolyStrip Cavity Tray New Build 460mm 125-150mm Cav	Black	1	3 -5 Working Days	2075/460P150	32
System 2000 Horizontal PolyStrip Cavity Tray New Build 880mm 50-74mm Cav	Black	1	Next Working Day	2075/880P50	32
System 2000 Horizontal PolyStrip Cavity Tray New Build 880mm 75-99mm Cav	Black	1	Next Working Day	2075/880P75	32
System 2000 Horizontal PolyStrip Cavity Tray New Build 880mm 100-125mm Cav	Black	1	Next Working Day	2075/880P100	32
System 2000 Horizontal External 90° Corner Cavity Tray New Build Poly Strip 50-74 Cav	Black	1	Next Working Day	2010P/50	32
System 2000 Horizontal External 90° Corner Cavity Tray New Build Poly Strip 75-99Cav	Black	1	Next Working Day	2010P/75	32
System 2000 Horizontal External 90° Corner Cavity Tray New Build PolyStrip 100-25Cav	Black	1	Next Working Day	2010P/100	32
System 2000 Horizontal Int 90° Corner Cavity Tray New Build Poly Strip 50-74Cav	Black	1	Next Working Day	2011P/50	32
System 2000 Horizontal Int 90° Corner Cavity Tray New Build Poly Strip 75-99Cav	Black	1	Next Working Day	2011P/75	32
System 2000 Horizontal Int 90° Corner Cavity Tray New Build PolyStrip 100-25Cav	Black	1	Next Working Day	2011P/100	32
System 2000 Horizontal External 135° Corner Cavity Tray New Build PolyStrip 75-99Cv	Black	1	3 -5 Working Days	2012P/50	32
System 2000 Horizontal External 135° CornCavity Tray New Build PolyStrip 100-125	Black	1	3 -5 Working Days	2012P/75	32
System 2000 Horizontal External 135° Corner Cavity Tray New Build PolyStrip 50-74Cv	Black	1	3 -5 Working Days	2012P/100	32
Poly Strip System 2000 Horizontal Internal 135° Corner Cavity Tray New Build 50-74 Cav	Black	1	3 -5 Working Days	2013P/50	32
Poly Strip System 2000 Horizontal Internal 135° Corner Cavity Tray New Build 75-99 Cav	Black	1	3 -5 Working Days	2013P/75	32
Poly Strip System 2000 Horizontal Internal 135° Corner Cavity Tray New Build 100-125 Cav	Black	1	3 -5 Working Days	2013P/100	32
Lintel Stop End Splay Angle 90° Black	Black	10	Next Working Day	LS01	39

Cavity Closers, Barriers & Stop Socks

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Thermo-Loc Platinum Multi Cavity Closer 50-100mm Cav 2.4m	Grey	10	Next Working Day	CC2.4PPS/MULTI100	43
Thermo-Loc Platinum Multi Cavity Closer 100-150mm Cav 2.4m	Grey	10	Next Working Day	CC2.4PPS/MULTI150	43
Thermo-Loc Platinum+ Cavity Closer 50mm Cav 2.4m	Grey	10	Next Working Day	PP2.4/50	44
Thermo-Loc Platinum+ Cavity Closer 75mm Cav 2.4m	Grey	10	Next Working Day	PP2.4/75	44
Thermo-Loc Platinum+ Cavity Closer 90mm Cav 2.4m	Grey	10	Next Working Day	PP2.4/90	44
Thermo-Loc Platinum+ Cavity Closer 100mm Cav 2.4m	Grey	10	Next Working Day	PP2.4/100	44
Thermo-Loc Platinum+ Multi Cavity Closer 50-100mm Cav 2.4m	Grey	10	Next Working Day	PP2.4/100MULTI	44
Thermo-Loc Platinum+ Cavity Closer 120mm Cav 2.4m	Grey	10	7-10 Working Days	PP2.4/120	44
Thermo-Loc Platinum+ Cavity Closer 125mm Cav 2.4m	Grey	10	Next Working Day	PP2.4/125	44
Thermo-Loc Platinum+ Cavity Closer 130mm Cav 2.4m	Grey	10	7-10 Working Days	PP2.4/130	44
Thermo-Loc Platinum+ Cavity Closer 150mm Cav 2.4m	Grey	10	Next Working Day	PP2.4/150	44
Thermo-Loc Platinum+ CR Multi Cavity Closer 50-100mm Cav 2.4m	Grey	10	7-10 Working Days	PP2.4/CR100MULTI	44
Thermo-Loc Platinum+ FX Cavity Closer 50mm Cav 2.4m	Grey	10	Next Working Day	FX2.4/50	46
Thermo-Loc Platinum+ FX Cavity Closer 75mm Cav 2.4m	Grey	10	Next Working Day	FX2.4/75	46
Thermo-Loc Platinum+ FX Cavity Closer 90mm Cav 2.4m	Grey	10	Next Working Day	FX2.4/90	46
Thermo-Loc Platinum+ FX Cavity Closer 100mm Cav 2.4m	Grey	10	Next Working Day	FX2.4/100	46
Thermo-Loc Platinum+ FX Multi Cavity Closer 50-100mm Cav 2.4m	Grey	10	Next Working Day	FX2.4/100MULTI	46
Thermo-Loc Platinum+ FX Cavity Closer 120mm Cav 2.4m	Grey	10	7-10 Working Days	FX2.4/120	46
Thermo-Loc Platinum+ FX Cavity Closer 125mm Cav 2.4m	Grey	10	Next Working Day	FX2.4/125	46
Thermo-Loc Platinum+ FX Cavity Closer 130mm Cav 2.4m	Grey	10	7-10 Working Days	FX2.4/130	46
Thermo-Loc Platinum+ FX Cavity Closer 150mm Cav 2.4m	Grey	10	Next Working Day	FX2.4/150	46
Thermo-Loc Platinum+ FX Cavity Closer CR 50mm Cav 2.4m	Grey	10	7-10 Working Days	FX2.4/CR50	46
Thermo-Loc Platinum+ FX Cavity Closer CR 100mm Cav 2.4m	Grey	10	7-10 Working Days	FX2.4/CR100	46
Thermo-Loc Platinum+ FX Multi Cavity Closer CR 50-100mm Cav 2.4m	Grey	10	7-10 Working Days	FX2.4/CR100MULTI	46
Thermo-Loc Platinum+ FX Cavity Closer CR 125mm Cav 2.4m	Grey	10	7-10 Working Days	FX2.4/CR125	46
Thermo-Loc Platinum+ FX Cavity Closer CR 150mm Cav 2.4m	Grey	10	7-10 Working Days	FX2.4/CR150	46
Thermo-Loc FR30 Cavity Closer 50mm Cav 2.4m	Grey	10	Next Working Day	CC2.4FR/50	48
Thermo-Loc FR30 Cavity Closer 65mm Cav 2.4m	Grey	10	Next Working Day	CC2.4FR/65	48
Thermo-Loc FR30 Cavity Closer 75mm Cav 2.4m	Grey	10	Next Working Day	CC2.4FR/75	48
Thermo-Loc FR30 Cavity Closer 90mm Cav 2.4m	Grey	10	Next Working Day	CC2.4FR/90	48
Thermo-Loc FR30 Cavity Closer 100mm Cav 2.4m	Grey	5	Next Working Day	CC2.4FR/100	48
Thermo-Loc FR30 Cavity Closer 125mm Cav 2.4m	Grey	5	Next Working Day	CC2.4FR/125	48
Thermo-Loc FR30 Cavity Closer 150mm Cav 2.4m	Grey	3	Next Working Day	CC2.4FR/150	48
Thermo-Loc FR30 Cavity Closer 160mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/160	48
Thermo-Loc FR30 Cavity Closer 170mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/170	48
Thermo-Loc FR30 Cavity Closer 180mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/180	48
Thermo-Loc FR30 Cavity Closer 190mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/190	48
Thermo-Loc FR30 Cavity Closer 200mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/200	48
Thermo-Loc FR30 Cavity Closer 210mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/210	48
Thermo-Loc FR30 Cavity Closer 220mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/220	48
Thermo-Loc FR30 Cavity Closer 230mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/230	48
Thermo-Loc FR30 Cavity Closer 240mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/240	48
Thermo-Loc FR30 Cavity Closer 250mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/250	48
Thermo-Loc FR30 Cavity Closer 260mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/260	48
Thermo-Loc FR30 Cavity Closer 270mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/270	48
Thermo-Loc FR30 Cavity Closer 280mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/280	48
Thermo-Loc FR30 Cavity Closer 290mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/290	48
Thermo-Loc FR30 Cavity Closer 300mm Cav 2.4m	Grey	3	7-10 Working Days	CC2.4FR/300	48
Thermo-Loc FR60 Cavity Closer 50mm Cav x 2.4m	Red	5	Next Working Day	FR60/50	50
Thermo-Loc FR60 Cavity Closer 65mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/65	50
Thermo-Loc FR60 Cavity Closer 75mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/75	50
Thermo-Loc FR60 Cavity Closer 90mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/90	50
Thermo-Loc FR60 Cavity Closer 100mm Cav x 2.4m	Red	5	Next Working Day	FR60/100	50
Thermo-Loc FR60 Cavity Closer 125mm Cav x 2.4m	Red	5	Next Working Day	FR60/125	50
Thermo-Loc FR60 Cavity Closer 150mm Cav x 2.4m	Red	5	Next Working Day	FR60/150	50
Thermo-Loc FR60 Cavity Closer 175mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/175	50
Thermo-Loc FR60 Cavity Closer 200mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/200	50
Thermo-Loc FR60 Cavity Closer 225mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/225	50
Thermo-Loc FR60 Cavity Closer 250mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/250	50
Thermo-Loc FR60 Cavity Closer 275mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/275	50
Thermo-Loc FR60 Cavity Closer 300mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/300	50
Thermo-Loc FR60 Cavity Closer CR 50mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/CR50	50
Thermo-Loc FR60 Cavity Closer CR 65mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/CR65	50

Cavity Closers, Barriers & Stop Socks (continued)

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Thermo-Loc FR60 Cavity Closer CR 75mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/CR75	50
Thermo-Loc FR60 Cavity Closer CR 90mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/CR90	50
Thermo-Loc FR60 Cavity Closer CR 100mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/CR100	50
Thermo-Loc FR60 Cavity Closer CR 125mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/CR125	50
Thermo-Loc FR60 Cavity Closer CR 150mm Cav x 2.4m	Red	5	7-10 Working Days	FR60/CR150	50
Thermo-loc Cavity Closer Fixing Ties Pack of 100	White	100	Next Working Day	CCFIX	50
Thermo-Loc FR60 150 + Cavity Closer 175mm Cav x 2.4m	Red	2	7-10 Working Days	FR60/175	52
Thermo-Loc FR60 150 + Cavity Closer 200mm Cav x 2.4m	Red	2	7-10 Working Days	FR60/200	52
Thermo-Loc FR60 150 + Cavity Closer 225mm Cav x 2.4m	Red	2	7-10 Working Days	FR60/225	52
Thermo-Loc FR60 150 + Cavity Closer 250mm Cav x 2.4m	Red	2	7-10 Working Days	FR60/250	52
Thermo-Loc FR60 150 + Cavity Closer 275mm Cav x 2.4m	Red	2	7-10 Working Days	FR60/275	52
Thermo-Loc FR60 150 + Cavity Closer 300mm Cav x 2.4m	Red	2	7-10 Working Days	FR60/300	52
Thermo-Loc FR60 150 + Fixing Flange - 4 Pack	Silver	4	Next Working Day	3322	52
Vertical Cavity Barrier 50mm Cav x 1.2m	Grey	400	3-5 Working Days	VACS50	54
Vertical Cavity Barrier 75mm Cav x 1.2m	Grey	350	3-5 Working Days	VACS75	54
Vertical Cavity Barrier 85mm Cav x 1.2m	Grey	350	3-5 Working Days	VACS85	54
Vertical Cavity Barrier 100mm Cav x 1.2m	Grey	200	3-5 Working Days	VACS100	54
Vertical Cavity Barrier 125mm Cav x 1.2m	Grey	150	3-5 Working Days	VACS125	54
FRstop Fire-Rated Cavity Stop Sock Masonry 50mm Cav x 1.2m	Blue	20	Next Working Day	FRSTOP50	56
FRstop Fire-Rated Cavity Stop Sock Masonry 75mm Cav x 1.2m	Blue	14	Next Working Day	FRSTOP75	56
FRstop Fire-Rated Cavity Stop Sock Masonry 85mm Cav x 1.2m	Blue	12	Next Working Day	FRSTOP85	56
FRstop Fire-Rated Cavity Stop Sock Masonry 90mm Cav x 1.2m	Blue	12	Next Working Day	FRSTOP90	56
FRstop Fire-Rated Cavity Stop Sock Masonry 100mm Cav x 1.2m	Blue	10	Next Working Day	FRSTOP100	56
FRstop Fire-Rated Cavity Stop Sock Masonry 115mm Cav x 1.2m	Blue	10	Next Working Day	FRSTOP115	56
FRstop Fire-Rated Cavity Stop Sock Masonry 125mm Cav x 1.2m	Blue	8	Next Working Day	FRSTOP125	56
FRstop Fire-Rated Cavity Stop Sock Masonry 150mm Cav x 1.2m	Blue	6	Next Working Day	FRSTOP150	56
FRstop Fire-Rated Cavity Stop Sock Timber 50mm Cav x 1.2m	Orange	20	3-5 Working Days	TIMFRSTOP50	57
FRstop Fire-Rated Cavity Stop Sock Timber 75mm Cav x 1.2m	Orange	14	3-5 Working Days	TIMFRSTOP75	57
FRstop Fire-Rated Cavity Stop Sock Timber 85mm Cav x 1.2m	Orange	12	3-5 Working Days	TIMFRSTOP85	57
FRstop Fire-Rated Cavity Stop Sock Timber 90mm Cav x 1.2m	Orange	12	3-5 Working Days	TIMFRSTOP90	57
FRstop Fire-Rated Cavity Stop Sock Timber 100mm Cav x 1.2m	Orange	10	3-5 Working Days	TIMFRSTOP100	57
FRstop Fire-Rated Cavity Stop Sock Timber 115mm Cav x 1.2m	Orange	10	3-5 Working Days	TIMFRSTOP115	57
FRstop Fire-Rated Cavity Stop Sock Timber 125mm Cav x 1.2m	Orange	8	3-5 Working Days	TIMFRSTOP125	57
FRstop Fire-Rated Cavity Stop Sock Timber 150mm Cav x 1.2m	Orange	6	3-5 Working Days	TIMFRSTOP150	57

Access Products

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Plastic Push Up Loft Access Door 562x665	White	1	Next Working Day	1168	59
0.25UV Plastic Drop-in Loft Access Door 562x665	White	1	Next Working Day	1168/25	59
0.35UV Plastic Drop-in Loft Access Door 562x665	White	1	Next Working Day	1168/35	59
Plastic Hinged Drop Down Loft Access Door 562x662	White	1	Next Working Day	1169	60
Plastic Hinged Drop Down Loft Access Door 562x662 Keylock	White	1	Next Working Day	1169KL	60
0.25UV Plastic Hinged Drop Down Loft Access Door 562x662	White	1	Next Working Day	1169/25	60
0.25UV Plastic Hinged Drop Down Loft Access Door 562x662 Keylock	White	1	Next Working Day	1169/25KL	60
0.35 UV Plastic Hinged Loft Access Door 562x665 WH	White	1	Next Working Day	1169/35	60
0.35UV Plastic Hinged Drop Down Loft Access Door 562x662 Keylock	White	1	Next Working Day	1169/35KL	60
Slotted Loft Door Operating Pole 500mm for 1169 & 1168	Black	1	Next Working Day	1170	60
Z Series Loft Door Fire Rated 550x550mm	White	1	Next Working Day	Z8001	62
Z Series Loft Door Fire Rated 555x800mm	White	1	Next Working Day	Z8002	62
Z Series Loft Door Fire Rated 542x630mm - 1161	White	1	Next Working Day	Z8003	62
Z Series Loft Door Fire Rated 542x745mm - 1160	White	1	Next Working Day	Z8004	62
Z Series Loft Door Fire Rated 600x600mm	White	1	Next Working Day	Z8005	62
Z Series Loft Door Fire Rated 600x900mm	White	1	Next Working Day	Z8006	62
Z Series Loft Door Fire Rated 900x600mm	White	1	Next Working Day	Z8007	62
Z Series Loft Door Fire Rated 1200x600mm	White	1	Next Working Day	Z8008	62
Z Series Loft Door Fire Rated 0.35 U Value 550x550	White	1	Next Working Day	Z9001	62
Z Series Loft Door Fire Rated 0.35 U Value 555x800	White	1	Next Working Day	Z9002	62
Z Series Loft Door Fire Rated 0.35 U V 542x630 -1161/35	White	1	Next Working Day	Z9003	62
Z Series Loft Door Fire Rated 0.35 U Val 542x745 -1160/35	White	1	Next Working Day	Z9004	62

Access Products

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Z Series Loft Door Fire Rated 0.35 U Value 600x600	White	1	Next Working Day	Z9005	62
Z Series Loft Door Fire Rated 0.35 U Value 600x900	White	1	Next Working Day	Z9006	62
Z Series Loft Door Fire Rated 0.35 U Value 900x600	White	1	Next Working Day	Z9007	62
Z Series Loft Door FireRated 0.35 U Value 1200x600	White	1	Next Working Day	Z9008	62
Z Series Loft Door Fire Rated Key Lock 550x550mm	White	1	Next Working Day	ZKL8001	62
Z Series Loft Door Fire Rated Key Lock 555x800mm	White	1	Next Working Day	ZKL8002	62
Z Series Loft Door Fire Rated Key Lock 542x630mm-1161/KL	White	1	Next Working Day	ZKL8003	62
Z Series Loft Door Fire Rated Key Lock 542x745mm-1160/KL	White	1	Next Working Day	ZKL8004	62
Z Series Loft Door Fire Rated Key Lock 600x600mm	White	1	Next Working Day	ZKL8005	62
Z Series Loft Door Fire Rated Key Lock 600x900mm	White	1	Next Working Day	ZKL8006	62
Z Series Loft Door Fire Rated Key Lock 900x600mm	White	1	Next Working Day	ZKL8007	62
Z Series Loft Door Fire Rated Key Lock 1200x600mm	White	1	Next Working Day	ZKL8008	62
Z Series Loft Door FR Keylock 0.35 U Value 550x550	White	1	Next Working Day	ZKL9001	62
Z Series Loft Door FR Keylock 0.35 U Value 555x800	White	1	Next Working Day	ZKL9002	62
Z Series Loft Door FR Keylock 0.35 U 542x630-1161/35KL	White	1	Next Working Day	ZKL9003	62
Z Series Loft Door FR Keylock 0.35 U V 542x745 1160/35KL	White	1	Next Working Day	ZKL9004	62
Z Series Loft Door FR Keylock 0.35 U Value 600x600	White	1	Next Working Day	ZKL9005	62
Z Series Loft Door FR Keylock 0.35 U Value 600x900	White	1	Next Working Day	ZKL9006	62
Z Series Loft Door FR Keylock 0.35 U Value 900x600	White	1	Next Working Day	ZKL9007	62
ZSeries Loft Door FR Keylock 0.35 U Value 1200x600	White	1	Next Working Day	ZKL9008	62
Loft-Loc Square T-key Loft Door Metal Pole 600mm	Silver	1	Next Working Day	Z1162	66
Loft-Loc Slotted Loft Door Metal Pole 600mm	Silver	1	Next Working Day	Z1170	66
Plastic Access Panel 115x165mm Clip Fit White	White	1	Next Working Day	AP110	68
Plastic Access Panel 155x235mm Hinged White	White	1	Next Working Day	AP150	68
Plastic Access Panel 155x235mm Hinged Key Lock White	White	1	Next Working Day	AP150KL	68
Plastic Access Panel 205x205mm Clip Fit White	White	1	Next Working Day	AP200	68
Plastic Access Panel 305x305mm Hinged White	White	1	Next Working Day	AP300	68
Plastic Access Panel 305x305mm Hinged Key Lock White	White	1	Next Working Day	AP300KL	68
Plastic Access Panel 470x470mm Hinged White	White	1	Next Working Day	AP450	68
Plastic Access Panel 470x470mm Hinged Key Lock White	White	1	Next Working Day	AP450KL	68
Plastic Air Tight Access Panel 115x165mm White	White	1	Next Working Day	AP110AT	69
Plastic Air Tight Access Panel 155x235mm White	White	1	Next Working Day	AP150AT	69
Plastic Air Tight Access Panel 205x205mm White	White	1	Next Working Day	AP200AT	69
Plastic Air Tight Access Panel 305x305mm White	White	1	Next Working Day	AP300AT	69
Plastic Air Tight Access Panel 470x470mm White	White	1	Next Working Day	AP450AT	69
Plastic Key Hole Plug	White	1	Next Working Day	KEYPLUG	69
Z Series Metal Access Panel 150x150mm	White	1	Next Working Day	Z2001	70
Z Series Metal Access Panel 150x230mm	White	1	Next Working Day	Z2002	70
Z Series Metal Access Panel 200x200mm	White	1	Next Working Day	Z2003	70
Z Series Metal Access Panel 300x300mm	White	1	Next Working Day	Z2004	70
Z Series Metal Access Panel 350x350mm	White	1	Next Working Day	Z2005	70
Z Series Metal Access Panel 450x450mm	White	1	Next Working Day	Z2006	70
Z Series Metal Access Panel 550x550mm	White	1	Next Working Day	Z2007	70
Z Series Metal Access Panel 600x300mm	White	1	Next Working Day	Z2008	70
Z Series Metal Access Panel 600x600mm	White	1	Next Working Day	Z2009	70
1 Hour Fire-Rated Metal Access Panel 150x150mm	White	1	Next Working Day	Z1001	71
1 Hour Fire-Rated Metal Access Panel 150x230mm	White	1	Next Working Day	Z1002	71
1 Hour Fire-Rated Metal Access Panel 200x200mm	White	1	Next Working Day	Z1003	71
1 Hour Fire-Rated Metal Access Panel 300x300mm	White	1	Next Working Day	Z1004	71
1 Hour Fire-Rated Metal Access Panel 450x450mm	White	1	Next Working Day	Z1006	71
1 Hour Fire-Rated Metal Access Panel 550x550mm	White	1	Next Working Day	Z1007	71
1 Hour Fire-Rated Metal Access Panel 600x600mm	White	1	Next Working Day	Z1009	71
1 Hour Fire-Rated Metal Access Panel 150x150mm - Key Lock	White	1	Next Working Day	ZKL1001	71
1 Hour Fire-Rated Metal Access Panel 150x230mm - Key Lock	White	1	Next Working Day	ZKL1002	71
1 Hour Fire-Rated Metal Access Panel 200x200mm - Key Lock	White	1	Next Working Day	ZKL1003	71
1 Hour Fire-Rated Metal Access Panel 300x300mm - Key Lock	White	1	Next Working Day	ZKL1004	71
1 Hour Fire-Rated Metal Access Panel 450x450mm - Key Lock	White	1	Next Working Day	ZKL1006	71
1 Hour Fire-Rated Metal Access Panel 550x550mm - Key Lock	White	1	Next Working Day	ZKL1007	71
1 Hour Fire-Rated Metal Access Panel 600x600mm - Key Lock	White	1	Next Working Day	ZKL1009	71

Adapt-Air

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Adapt-Air round 150 to rectangle adaptor 220 x 90	Black	1	Next Working Day	6555	73
Adapt-Air Single Airbrick 100x54x450mm Black	Black	1	Next Working Day	6510BL	73
Adapt-Air Single Airbrick 100x54x450mm Brown	Brown	1	Next Working Day	6510BR	73
Adapt-Air Single Airbrick 100x54x450mm Buff	Buff	1	Next Working Day	6510BU	73
Adapt-Air Single Airbrick 100x54x450mm Grey	Grey	1	Next Working Day	6510GR	73
Adapt-Air Single Airbrick 100x54x450mm Terracotta	Terracotta	1	Next Working Day	6510TE	73
Adapt-Air Single Airbrick 100x54x450mm White	White	1	Next Working Day	6510WH	73
Adapt-Air Single Airbrick 100x430mm Black	Black	1	Next Working Day	6520BL	73
Adapt-Air Single Airbrick 100x430mm Brown	Brown	1	Next Working Day	6520BR	73
Adapt-Air Single Airbrick 100x430mm Buff	Buff	1	Next Working Day	6520BU	73
Adapt-Air Single Airbrick 100x430mm Grey	Grey	1	Next Working Day	6520GR	73
Adapt-Air Single Airbrick 100x430mm Terracotta	Terracotta	1	Next Working Day	6520TE	73
Adapt-Air Single Airbrick 110x450mm Buff	Buff	1	Next Working Day	3511BU	73
Adapt-Air Single Airbrick 110x450mm Terracotta	Terracotta	1	Next Working Day	3511TE	73
Adapt-Air Single Airbrick 100x330mm Black	Black	1	Next Working Day	6500BL	73
Adapt-Air Single Airbrick 100x330mm Brown	Brown	1	Next Working Day	6500BR	73
Adapt-Air Single Airbrick 100x330mm Buff	Buff	1	Next Working Day	6500BU	73
Adapt-Air Single Airbrick 100x330mm Grey	Grey	1	Next Working Day	6500GR	73
Adapt-Air Single Airbrick 100x330mm Terracotta	Terracotta	1	Next Working Day	6500TE	73
Adapt-Air Single Airbrick 100x330mm White	White	1	Next Working Day	6500WH	73
Adapt-Air Double Airbrick 330x125mm Black	Black	1	Next Working Day	6512BL	73
Adapt-Air Double Airbrick 330x125mm Brown	Brown	1	Next Working Day	6512BR	73
Adapt-Air Double Airbrick 330x125mm Buff	Buff	1	Next Working Day	6512BU	73
Adapt-Air Double Airbrick 330x125mm Grey	Grey	1	Next Working Day	6512GR	73
Adapt-Air Double Airbrick 330x125mm Terracotta	Terracotta	1	Next Working Day	6512TE	73
Adapt-Air Double Airbrick 330x125mm White	White	1	Next Working Day	6512WH	73
Adapt-Air Double Airbrick 430x125mm Black	Black	1	Next Working Day	6525BL	73
Adapt-Air Double Airbrick 430x125mm Brown	Brown	1	Next Working Day	6525BR	73
Adapt-Air Double Airbrick 430x125mm Buff	Buff	1	Next Working Day	6525BU	73
Adapt-Air Double Airbrick 430x125mm Grey	Grey	1	Next Working Day	6525GR	73
Adapt-Air Double Airbrick 430x125mm Terracotta	Terracotta	1	Next Working Day	6525TE	73
Adapt-Air Double Airbrick 430x125mm White	White	1	Next Working Day	6525WH	73
Adapt-Air Double Airbrick 330x150mm Black	Black	1	Next Working Day	6515BL	73
Adapt-Air Double Airbrick 330x150mm Brown	Brown	1	Next working day	6515BR	73
Adapt-Air Double Airbrick 330x150mm Buff	Buff	1	Next Working Day	6515BU	73
Adapt-Air Double Airbrick 330x150mm Grey	Grey	1	Next Working Day	6515GR	73
Adapt-Air Double Airbrick 330x150mm Terracotta	Terracotta	1	Next Working Day	6515TE	73
Adapt-Air Double Airbrick 330x150mm White	White	1	Next Working Day	6515WH	73
Adapt-Air Double Airbrick 430x150mm Black	Black	1	Next Working Day	6550BL	73
Adapt-Air Double Airbrick 430x150mm Brown	Brown	1	Next Working Day	6550BR	73
Adapt-Air Double Airbrick 430x150mm Buff	Buff	1	Next Working Day	6550BU	73
Adapt-Air Double Airbrick 430x150mm Grey	Grey	1	Next Working Day	6550GR	73
Adapt-Air Double Airbrick 430x150mm Terracotta	Terracotta	1	Next Working Day	6550TE	73
Adapt-Air Double Airbrick 430x150mm White	White	1	Next Working Day	6550WH	73

Rad-Seal

Rad-Seal Recessed - Radiator Pipe Guide and Seal (Recessed)	White	10	Next Working Day	1115	77
Rad-Seal Face-Fix - Radiator Pipe Guide and Seal (Face-fix)	White	20	Next Working Day	2221	78

Roofline

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Push-In Round Soffit Vent 70mm Dia.	Grey	10	Next Working Day	1139	80
Push-In Round Soffit Vent 70mm Dia.	White	10	Next Working Day	1140	80
Push-In Round Soffit Vent 70mm Dia.	Black	10	Next Working Day	1141	80
Push-In Round Soffit Vent 70mm Dia.	Brown	10	Next Working Day	1142	80
Roof Soffit Strip Vent Type C 10mm Airflow 2.4m	Black	10	Next Working Day	1137BL	81
Roof Soffit Strip Vent Type C 10mm Airflow 2.4m	Brown	10	Next Working Day	1137BR	81
Roof Soffit Strip Vent Type C 10mm Airflow 2.4m	White	10	Next Working Day	1137WH	81
Roof Soffit Strip Vent Type C 25mm Airflow 2.4m	Brown	10	Next Working Day	1138BR	81
Roof Soffit Strip Vent Type C 25mm Airflow 2.4m	White	10	Next Working Day	1138WH	81
Corbel Roof Eaves Vent 10mm Airflow 2.4m	Black	1	2-3 Working Days	3012	82
Over Fascia Eaves Vent Strip 10mm Airflow 300mm	Black	10	Next Working Day	3011BL	83
Over Fascia Eaves Vent Strip 10mm Airflow 300mm	Brown	10	Next Working Day	3011BR	83
Over Fascia Eaves Vent Strip 10mm Airflow 300mm	White	10	Next Working Day	3011WH	83
Over Fascia Eaves Vent Strip 25mm Airflow 300mm	Black	10	Next Working Day	3011/25BL	83
Over Fascia Eaves Vent Strip 25mm Airflow 300mm	White	10	Next Working Day	3011/25W	83
Over Fascia Vent Strip 10mm Airflow 1m	Black	25	Next Working Day	OF1BL	84
Over Fascia Vent Strip 10mm Airflow 1m	White	25	Next Working Day	OF1WH	84
Over Fascia Vent Strip 25mm Airflow 1m	Black	20	Next Working Day	OF2BL	84
Over Fascia Vent Strip 25mm Airflow 1m	White	20	Next Working Day	OF2WH	84
Over Fascia Eaves Vent System 10mm Airflow 900mm	Black	1	Next Working Day	3014	85
Over Fascia Eaves Vent System with Comb Filler 10mm Airflow 900mm	Black	1	Next Working Day	3014C	85
Rafter Roll 300mm x 6m	Black	10	Next Working Day	1121	86
Rafter Roll 400mm x 6m	Black	12	Next Working Day	1171	86
Rafter Roll 600mm x 6m	Black	5	Next Working Day	1131	86
Rafter Roll 800mm x 6m	Black	6	Next Working Day	1151	86
3 in 1 Eaves Vent Pack 10mm Airflow 6m (300mm Roll Out Rafter Tray)	Black	10	Next Working Day	EVP6	87
3 in 1 Eaves Vent Pack 25mm airflow 6m (300mm Roll Out Rafter Tray)	Black	10	Next Working Day	EVP6/25	87
3 in 1 Eaves Vent Pack 25mm airflow 6m (600mm Roll Out Rafter Tray)	Black	10	Next Working Day	EVP6/25600	87
3 in 1 Eaves Vent Pack 10mm airflow 6m (600mm Roll Out Rafter Tray)	Black	10	Next Working Day	EVP6/600	87
Felt Support Tray 600mm	Black	20	Next Working Day	1128	88
Felt Support Tray 1500mm	Black	10	Next Working Day	3017	88
Eaves Comb Filler	Black	50	Next Working Day	1136	89
Plain Roof Tile Vent	Anthracite	1	2-3 Working Days	TV8ANTH	90
Plain Roof Tile Vent	Red	1	2-3 Working Days	TV8RED	90
Plain Roof Tile Vent	Sepia	1	2-3 Working Days	TV8SEPIA	90
Plain Roof Tile Vent	Terracotta	1	2-3 Working Days	TV8TERR	90
Plain Roof Tile Vent Adaptor	Black	1	2-3 Working Days	TV8AD	90
Modern Profiled Roof Tile Vent	Anthracite	1	2-3 Working Days	TV62MDA	90
Modern Profiled Roof Tile Vent	Red	1	2-3 Working Days	TV62MDARED	90
Modern Profiled Roof Tile Vent	Sepia	1	2-3 Working Days	TV62MDASEPIA	90
Modern Profiled Roof Tile Vent	Terracotta	1	2-3 Working Days	TV62MDATERR	90
Double Pantile Profiled Roof Tile Vent	Anthracite	1	2-3 Working Days	TV62MENANTHR	90
Double Pantile Profiled Roof Tile Vent	Red	1	2-3 Working Days	TV62MENRED	90
Double Pantile Profiled Roof Tile Vent	Sepia	1	2-3 Working Days	TV62MENSEPIA	90
Double Pantile Profiled Roof Tile Vent	Terracotta	1	2-3 Working Days	TV62MENTERR	90
Ludlow Major Profiled Roof Tile Vent	Anthracite	1	2-3 Working Days	TV62MLMANTHR	90
Ludlow Major Profiled Roof Tile Vent	Red	1	2-3 Working Days	TV62MLMRED	90
Ludlow Major Profiled Roof Tile Vent	Sepia	1	2-3 Working Days	TV62MLMSEPIA	90
Ludlow Major Profiled Roof Tile Vent	Terracotta	1	2-3 Working Days	TV62MLMTERR	90
Double Roman Profiled Roof Tile Vent	Anthracite	1	2-3 Working Days	TV62FRAANTHR	90
Double Roman Profiled Roof Tile Vent	Red	1	2-3 Working Days	TV62FRARED	90
Double Roman Profiled Roof Tile Vent	Sepia	1	2-3 Working Days	TV62FRASEPIA	90
Double Roman Profiled Roof Tile Vent	Terracotta	1	2-3 Working Days	TV62FRATERR	90
Profiled Roof Tile Vent Adaptor	Black	1	2-3 Working Days	TV62AD	90

Roofline (continued)

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Roof Slate Vent for 610x305mm & 510x255mm Slates	Black	5	Next Working Day	4001	91
Roof Slate Vent Pipe Adapter Kit	Black	1	Next Working Day	4101	91
Roof Slate Vent Pipe Adapter Only	Black	1	Next Working Day	4102	91
Roof Slate Vent Flexible PVC Pipe Only	White	1	Next Working Day	4103	91
Lap Vent	Black	10	Next Working Day	5560	92
Dry Fix Universal GRP Valley Trough 400x3000mm	Grey	10	Next Working Day	88106	93
Wet Fix GRP Joining / Bonding Strip 216x3000mm	Grey	10	Next Working Day	JOININGSTRIP	94
Wet Fix Universal GRP Valley Trough GRP 330x3000mm	Grey	10	Next Working Day	VALLEYTROUGH	94
Wet Fix GRP Valley Trough for Slate 330x3000mm	Grey	10	Next Working Day	VALLEYTROUGH/SL	94
6m Roll Out Dry Fix Ridge Kit	Black	1	Next Working Day	54700	95
6m Roll Out Dry Fix Ridge Kit	Terracotta	1	Next Working Day	54701	95
6m Roll Out Dry Fix Ridge Kit	Brown	1	Next Working Day	54702	95
13x Ridge Unions & 26x Ridge Clips	Black	13 & 26	Next Working Day	54618	95
13x Fixing Screws & Clamping Plates	NA	13	Next Working Day	54626	95
6m Roll Out Dry Fix Hip Kit	Black	1	Next Working Day	54710	96
6m Roll Out Dry Fix Hip Kit	Terracotta	1	Next Working Day	54711	96
6m Roll Out Dry Fix Hip Kit	Brown	1	Next Working Day	54712	96
6x Dry Fix Hip Tray Pack	Black	6	Next Working Day	44623	96
Ambi-Verge Universal Dry Fix Verge Piece	Grey	20	Next Working Day	99141	97
Ambi-Verge Universal Dry Fix Verge Piece	Brown	20	Next Working Day	99142	97
Ambi-Verge Universal Dry Fix Verge Piece	Black	20	Next Working Day	99143	97
Ambi-Verge Universal Dry Fix Verge Piece	Terracotta	20	Next Working Day	99144	97
Universal Dry Fix Angled Ridge End Cap	Grey	1	Next Working Day	99109	97
Universal Dry Fix Angled Ridge End Cap	Brown	1	Next Working Day	99108	97
Universal Dry Fix Angled Ridge End Cap	Black	1	Next Working Day	99107	97
Universal Dry Fix Angled Ridge End Cap	Terracotta	1	Next Working Day	99110	97
Universal Dry Fix Round Ridge End Cap	Grey	1	Next Working Day	99113	97
Universal Dry Fix Round Ridge End Cap	Brown	1	Next Working Day	99114	97
Universal Dry Fix Round Ridge End Cap	Black	1	Next Working Day	99136	97
Universal Dry Fix Round Ridge End Cap	Terracotta	1	Next Working Day	99114	97
Ambi-Verge Eaves Starter	Grey	1	Next Working Day	99153	97
Ambi-Verge Eaves Starter	Brown	1	Next Working Day	99155	97
Ambi-Verge Eaves Starter	Black	1	Next Working Day	99154	97
Ambi-Verge Eaves Starter	Terracotta	1	Next Working Day	99156	97
Dry Verge Profiled Tile End Grain Batten Bracket	Silver	1	Next Working Day	99124	97
Universal Dry Fix Angled Ridge End Cap	Brown	1	Next Working Day	99108	99
Universal Dry Fix Angled Ridge End Cap	Grey	1	Next Working Day	99109	99
Universal Dry Fix Angled Ridge End Cap	Terracotta	1	Next Working Day	99110	99
Universal Dry Fix Angled Ridge End Cap	Black	1	Next Working Day	99107	99
Dry Fix Verge for Profiled Tile Eaves Closer L&R Pair	Brown	1+1	Next Working Day	99125	99
Dry Fix Verge for Profiled Tile Eaves Closer L&R Pair	Grey	1+1	Next Working Day	99126	99
Dry Fix Verge for Profiled Tile Eaves Closer L&R Pair	Terracotta	1+1	Next Working Day	99127	99
Dry Fix Verge for Profiled Tile Eaves Closer L&R Pair	Black	1+1	Next Working Day	99130	99
Dry Fix Verge for Profiled Tile Left Hand Unit	Brown	20	Next Working Day	99120	99
Dry Fix Verge for Profiled Tile Left Hand Unit	Grey	20	Next Working Day	99121	99
Dry Fix Verge for Profiled Tile Left Hand Unit	Terracotta	20	Next Working Day	99122	99
Dry Fix Verge for Profiled Tile Left Hand Unit	Black	20	Next Working Day	99138	99
Dry Fix Verge for Profiled Tile Right Hand Unit	Brown	20	Next Working Day	99116	99
Dry Fix Verge for Profiled Tile Right Hand Unit	Grey	20	Next Working Day	99117	99
Dry Fix Verge for Profiled Tile Right Hand Unit	Terracotta	20	Next Working Day	99118	99
Dry Fix Verge for Profiled Tile Right Hand Unit	Black	20	Next Working Day	99137	99
Universal Dry Fix Round Ridge End Cap	Brown	1	Next Working Day	99112	99
Universal Dry Fix Round Ridge End Cap	Grey	1	Next Working Day	99113	99
Universal Dry Fix Round Ridge End Cap	Terracotta	1	Next Working Day	99114	99
Universal Dry Fix Round Ridge End Cap	Black	1	Next Working Day	99136	99
New Build Dry Fix Continuous Verge for Slate / Flat Tile	Grey	4	Next Working Day	66101	101
Refurb Dry Fix Continuous Verge for Slate / Flat Tile	Grey	4	Next Working Day	66105	101
Dry Fix Continuous Verge Eaves Closer L&R Pair	Grey	1	Next Working Day	66117	101
Dry Fix Continuous Dry Verge for Slate / Flat Tile Angled Ridge Cap	Grey	1	Next Working Day	66120	101
Dry Fix Continuous Dry Verge for Slate / Flat Tile Joint Union Pair	Grey	1	Next Working Day	66124	101

Through-Wall Ventilation

Description	Colour	Quantity	Lead Time	Product Code	Page No.
9 x 6" Through Wall Cavity Sleeve Extension +90mm Black	Black	1	Next Working Day	1236	106
9 x 3" Through Wall Cavity Sleeve Extension +90mm Black	Black	1	Next Working Day	1237	106
9 x 3" Through Wall Cavity Sleeve Baffle Black	Black	1	Next Working Day	1238	106
9 x 3" Through Wall Cavity Sleeve 1 Airbrick Black	Black	20	Next Working Day	1202/1	106
9 x 6" Through Wall Cavity Sleeve 2 Airbrick Black	Black	1	Next Working Day	1202/2	106
9 x 3" Face Fit External Cowl 255 x 95mm Brown	Brown	1	Next Working Day	ABC93BR	107
9 x 3" Face Fit External Cowl 255 x 95mm Terracotta	Terracotta	1	Next Working Day	ABC93TE	107
9 x 6" Face Fit External Cowl 255 x 160mm Brown	Brown	1	Next Working Day	ABC96BR	107
9 x 6" Face Fit External Cowl 255x160mm Terracotta	Terracotta	1	Next Working Day	ABC96TE	107
9 x 9" Face Fit External Cowl 255 x 230mm Brown	Brown	1	Next Working Day	ABC99BR	107
9 x 9" Face Fit External Cowl 255 x 230mm Terracotta	Terracotta	1	Next Working Day	ABC99TE	107
9x3 Plastic Internal Louvre Grille Vent White	White	1	Next Working Day	1207W	107
9x3 Plastic Internal Louvre Grille Vent Fly Screen White	White	1	Next Working Day	1207WF	107
9x3 Plastic Internal Hit and Miss Grille Vent White	White	1	Next Working Day	1208W	107
9x6 Plastic Internal Hit and Miss Grille Vent White	White	1	Next Working Day	1209W	107
9x9 Plastic Internal Hit and Miss Grille Vent White	White	1	Next Working Day	1210W	107
9x6 Plastic Internal Louvre Grille Vent White	White	1	Next Working Day	1211W	107
9x6 Plastic Internal Louvre Grille Vent Fly Screen White	White	1	Next Working Day	1211WF	107
9x9 Plastic Internal Louvre Grille Vent White	White	1	Next Working Day	1212W	107
9x9 Plastic Internal Louvre Grille Vent Fly Screen White	White	1	Next Working Day	1212WF	107
6x3 Plastic Internal Louvre Mini Vent White	White	1	Next Working Day	1218W	107
6x3 Plastic Internal Louvre Mini Vent Flyscreen White	White	1	Next Working Day	1218WF	107
6x3 Plastic Internal Hit and Miss Louvre Mini Vent White	White	1	Next Working Day	1219W	107
9x3 Metal Internal Hit and Miss Louvre Vent Aluminium	Aluminium	1	Next Working Day	1220A	107
9x3 Metal Internal Hit and Miss Louvre Vent Brass Anodised	Anodised Brass	1	Next Working Day	1220BA	107
9x3 Metal Internal Hit and Miss Louvre Vent Polished Brass	Polished Brass	1	Next Working Day	1220PB	107
9x6 Metal Internal Hit and Miss Louvre Vent Aluminium	Aluminium	1	Next Working Day	1221A	107
9x6 Metal Internal Hit and Miss Louvre Vent Brass Anodised	Anodised Brass	1	Next Working Day	1221BA	107
9x6 Metal Internal Hit and Miss Louvre Vent Polished Brass	Polished Brass	1	Next Working Day	1221PB	107
9x9 Metal Internal Hit and Miss Louvre Vent Aluminium	Aluminium	1	Next Working Day	1222A	107
9x9 Metal Internal Hit and Miss Louvre Vent Brass Anodised	Anodised Brass	1	Next Working Day	1222BA	107
9x9 Metal Internal Hit and Miss Louvre Vent Polished Brass	Polished Brass	1	Next Working Day	1222PB	107
9x3 Metal Internal Louvre Grille Vent Aluminium	Aluminium	1	Next Working Day	1223A	107
9x3 Metal Internal Louvre Grille Vent Brass Anodised	Anodised Brass	1	Next Working Day	1223BA	107
9x3 Metal Internal Louvre Grille Vent Polished Brass	Polished Brass	1	Next Working Day	1223PB	107
9x6 Metal Internal Louvre Grille Vent Aluminium	Aluminium	1	Next Working Day	1224A	107
9x6 Metal Internal Louvre Grille Vent Brass Anodised	Anodised Brass	1	Next Working Day	1224BA	107
9x6 Metal Internal Louvre Grille Vent Polished Brass	Polished Brass	1	Next Working Day	1224PB	107
9x9 Metal Internal Louvre Grille Vent Aluminium	Aluminium	1	Next Working Day	1225A	107
9x9 Metal Internal Louvre Grille Vent Brass Anodised	Anodised Brass	1	Next Working Day	1225BA	107
9x9 Metal Internal Louvre Grille Vent Polished Brass	Polished Brass	1	Next Working Day	1225PB	107
25.5 x 2 Return Air Grille Aluminium	Aluminium	1	Next Working Day	1226A	107
25.5 x 2 Return Air Grille Brass Anodised	Anodised Brass	1	Next Working Day	1226BA	107
5" Aero Core Through-Wall Vent Set Baffle 127x350	Brown	1	2-3 Working Days	ACV7BR	109
5" Aero Core Through-Wall Vent Set Baffle 127x350	Terracotta	1	2-3 Working Days	ACV7TE	109
5" Aero Core Through-Wall Vent Set Cowl & Baffle 127x350	Brown	1	Next Working Day	ACV7CBR	109
5" Aero Core Through-Wall Vent Set Cowl & Baffle 127x350	Terracotta	1	2-3 Working Days	ACV7CTE	109
5" Aero Core Through-Wall Vent High Rise & Baffle 127x350	Terracotta	1	2-3 Working Days	ACV7HRTE	109

Top Hats, Gas Barrier & DPC

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Rigid Gas Barrier Top Hat Collar 55mm Diameter	Black	1	3- 5 Working Days	TH055	112
Rigid Gas Barrier Top Hat Collar 82mm Diameter	Black	1	3- 5 Working Days	TH082	112
Rigid Gas Barrier Top Hat Collar 110mm Diameter	Black	1	Next Working Day	TH110	112
Rigid Gas Barrier Top Hat Collar 135mm Diameter	Black	1	3- 5 Working Days	TH135	112
Rigid Gas Barrier Top Hat Collar 160mm Diameter	Black	1	3- 5 Working Days	TH160	112
Flexible Top Hat Pipe Collar 110mm Diameter	Black	1	Next Working Day	77110	112
Flexible Top Hat Pipe Collar 135mm Diameter	Black	1	Next Working Day	77135	112
Jubilee Clip for TH055 55mm Top Hat Collar 64-114mm	Black	1	Next Working Day	JCLIP5	112
Jubiliee Clip for TH110 110mm Top Hat Collar 76-127mm	Black	1	Next Working Day	JCLIP6	112
Jubiliee Clip for TH135 & TH160 Top Hat 114-165mm	Black	1	Next Working Day	JCLIP7	112
Radon Gas Sump	Black	1	Next Working Day	RSUMP01	112
Gastite Sealing Tape 15m x 100mm	-	1	Next Working Day	GTAPE01	112
Plastic girth tape 75m x 50mm	-	1	Next Working Day	GTAPE02	112
1201 Top Hat	Black	1	Next Working Day	77120	113
Radon Sump	Black	1	Next Working Day	RSUMP01	114
Threshold Internal Protection Tray 930mm	Black	1	7-10 Working Days	TPT01	114
Televent Gas Sleeve Tray (cavity tray profile required)	Black	1	7-10 Working Days	TST01	114

Meter Boxes

Description	Colour	Quantity	Lead Time	Product Code	Page No.
Electric Meter Box Recessed	White	1	Next Working Day	30011	118
Electric Meter Box Surface Mounted	White	1	Next Working Day	30012	119
Gas Meter Box Recessed	White	1	Next Working Day	30013	120
Gas Meter Box Surface Mounted	White	1	Next Working Day	30015	121
Universal Smart Gas Meter Box	Brown	1	Next Working Day	30017	122
Hockey stick - Internal Cavity	Black	1	Next Working Day	31001	123
Hockey stick - Surface Mounted	Off-white	1	Next Working Day	31002	123

Replacement parts

For spares and replacements

To help prolong the life of your Timloc product and keep it in top working order, Timloc offer a range of spare and replacement parts. If you require any assistance please contact us via email at sales@timloc.co.uk or call 01405 765 567.

Description	Quantity	Lead Time	Product Code
Barrel for Plastic Door 1169/KL	1	Next Working Day	25119
Key to Suit Plastic Access Panel KL and 1169/KL	1	Next Working Day	25127
Key for 1HR Fire Rated Steel Loft Access Doors/Access Panels 1161KL/APCKL	1	Next Working Day	1160/1KO
Plastic Key Hole Plug	1	Next Working Day	KEYPLUG
Plastic T Key For Metal Loft And AP Budget Lock	1	Next Working Day	TKEY
Dry Fix Additional Ridge Batten Brackets	10	Next Working Day	44616
Replacement Door - Electric Recessed Meter Box	1	Next Working Day	30008
Replacement Door - Electric Surface Mounted Meter Box	1	Next Working Day	30008
Replacement Door - Gas Recessed Meter Box	1	Next Working Day	30014
Replacement Door - Gas Surface Mounted Meter Box	1	Next Working Day	30016
Replacement Door - Gas Universal Smart Meter Box	1	Next Working Day	30018
Gas Meter Box Repair Kit	1	Next Working Day	30022
Electric Meter Box Repair Kit	1	Next Working Day	30027

Commodity Codes

Country of origin and commodity codes for the Timloc product range

Construction Accessories

Product Code	Barcode	Commodity Code	Country of Origin
IW50BB	5036889026065	39259010	Great Britain
IW50BL	5036889026058	39259010	Great Britain
IW50BR	5036889026041	39259010	Great Britain
IW50BU	5036889026034	39259010	Great Britain
IW50CL	5036889026027	39259010	Great Britain
IW50GR	5036889026010	39259010	Great Britain
IW50TE	5036889026003	39259010	Great Britain
IW50WH	5036889025990	39259010	Great Britain
IW200BB	5036889026249	39259010	Great Britain
IW200BL	5036889026300	39259010	Great Britain
IW200BR	5036889026317	39259010	Great Britain
IW200BU	5036889026324	39259010	Great Britain
IW200CL	5036889026331	39259010	Great Britain
IW200GR	5036889026348	39259010	Great Britain
IW200TE	5036889026355	39259010	Great Britain
IW200WH	5036889026362	39259010	Great Britain
IW500EX	5036889026539	39259010	Great Britain
ZIN50	5036889028540	39259010	Great Britain
1143BB	5036889026232	39259010	Great Britain
1143BL	5036889003714	39259010	Great Britain
1143BR	5036889003707	39259010	Great Britain
1143BU	5036889003738	39259010	Great Britain
1143CL	5036889004902	39259010	Great Britain
1143GR	5036889003790	39259010	Great Britain
1143TE	5036889003745	39259010	Great Britain
1143WH	5036889003721	39259010	Great Britain
1144	5036889009891	39259010	Great Britain
DV1	5036889017902	39259010	Great Britain
DV2	5036889017919	39259010	Great Britain
DV3	5036889017926	39259010	Great Britain
IRD65BL	5036889018237	39259010	Great Britain
IRD80R	5036889007200	39259010	Great Britain
1201ABBB	5036889026072	39259010	Great Britain
1201ABBL	5036889006517	39259010	Great Britain
1201ABBR	5036889006500	39259010	Great Britain
1201ABBU	5036889006524	39259010	Great Britain
1201ABGR	5036889006531	39259010	Great Britain
1201ABTE	5036889006548	39259010	Great Britain
1201ABWH	5036889007705	39259010	Great Britain
1201	5036889006609	39259010	Great Britain
1201XL	5036889011634	39259010	Great Britain
1203	5036889006647	39259010	Great Britain
1204	5036889006623	39259010	Great Britain
1205	5036889006630	39259010	Great Britain
1206	5036889006654	39259010	Great Britain

Cavity Trays

Product Code	Barcode	Commodity Code	Country of Origin
10001	5036889010545	39259010	Great Britain
10002	5036889010552	39259010	Great Britain
10011	5036889002878	39259010	Great Britain
10012	5036889002885	39259010	Great Britain
10031	5036889002892	39259010	Great Britain
10041	5036889002908	39259010	Great Britain
10061	5036889002915	39259010	Great Britain
10062	5036889011542	39259010	Great Britain
10001P	5036889023101	39259010	Great Britain
10002P	5036889023118	39259010	Great Britain
10011P	5036889023019	39259010	Great Britain
10012P	5036889023026	39259010	Great Britain
10031P	5036889023033	39259010	Great Britain
10041P	5036889023040	39259010	Great Britain
10061P	5036889023057	39259010	Great Britain
10062P	5036889011610	39259010	Great Britain

Cavity Trays

Product Code	Barcode	Commodity Code	Country of Origin
7101-7102	Various	39259010	Great Britain
7103-7104	Various	39259010	Great Britain
7105-7106	Various	39259010	Great Britain
7107-7110	Various	39259010	Great Britain
7111-7120	Various	39259010	Great Britain
7121-7130	Various	39259010	Great Britain
7131	5036889000560	39259010	Great Britain
7132-7134	Various	39259010	Great Britain
7135	5036889000584	39259010	Great Britain
7136-7139	Various	39259010	Great Britain
7141	5036889000614	39259010	Great Britain
7142-7150	Various	39259010	Great Britain
7161	5036889000713	39259010	Great Britain
7162-7165	Various	39259010	Great Britain
7101P-7102P	Various	39259010	Great Britain
7103P-7110P	Various	39259010	Great Britain
7111P-7120P	Various	39259010	Great Britain
7121P-7130P	Various	39259010	Great Britain
7131P	5036889014475	39259010	Great Britain
7132P-7139P	Various	39259010	Great Britain
7141P-7150P	Various	39259010	Great Britain
7161P	5036889014505	39259010	Great Britain
7162P-7165P	Various	39259010	Great Britain
7201-7202	Various	39259010	Great Britain
7203-7210	Various	39259010	Great Britain
7211-7220	Various	39259010	Great Britain
7231	5036889000966	39259010	Great Britain
7232-7239	Various	39259010	Great Britain
7241-8250	Various	39259010	Great Britain
7261	5036889001116	39259010	Great Britain
7262-7265	Various	39259010	Great Britain
7201P-7210P	Various	39259010	Great Britain
7211P-7220P	Various	39259010	Great Britain
7231P-7239P	Various	39259010	Great Britain
7241P-8250P	Various	39259010	Great Britain
7261P-7265P	Various	39259010	Great Britain
IL2	5036889010323	39259010	Great Britain
IL4	5036889002342	39259010	Great Britain
EXT90	5036889011337	39259010	Great Britain
INT90	5036889011344	39259010	Great Britain
EXT135	5036889011351	39259010	Great Britain
INT135	5036889011368	39259010	Great Britain
SERH	5036889010583	39259010	Great Britain
SELH	5036889010590	39259010	Great Britain
IL2/E	5036889001727	39259010	Great Britain
EXT90/E	5036889010613	39259010	Great Britain
INT90/E	5036889010620	39259010	Great Britain
IL2P	5036889018121	39259010	Great Britain
IL4P	5036889018169	39259010	Great Britain
EXT90P	5036889017995	39259010	Great Britain
INT90P	5036889018220	39259010	Great Britain
2075/460/50	5036889003011	39259010	Great Britain
2075/460/75	5036889003028	39259010	Great Britain
2075/460/100	5036889003004	39259010	Great Britain
2075/460/150	5036889013935	39259010	Great Britain
2075/880/50	5036889003042	39259010	Great Britain
2075/880/75	5036889003059	39259010	Great Britain
2075/880/100	5036889003035	39259010	Great Britain
2075/880/150	5036889014062	39259010	Great Britain
2010/50	5036889009938	39259010	Great Britain
2010/75	5036889009945	39259010	Great Britain
2010/100	5036889009952	39259010	Great Britain
2010/150	5036889021916	39259010	Great Britain
2011/50	5036889009969	39259010	Great Britain
2011/75	5036889009976	39259010	Great Britain
2011/100	5036889009983	39259010	Great Britain
2011/150	5036889021909	39259010	Great Britain
2012/50	5036889009990	39259010	Great Britain

Cavity Trays

Product Code	Barcode	Commodity Code	Country of Origin
2012/75	5036889023262	39259010	Great Britain
2012/100	5036889023231	39259010	Great Britain
2013/50	5036889023255	39259010	Great Britain
2013/75	5036889023224	39259010	Great Britain
2013/100	5036889023248	39259010	Great Britain
2003/50	-	39259010	Great Britain
2003/75	5036889022012	39259010	Great Britain
2003/100	5036889021978	39259010	Great Britain
2003/150	5036889022883	39259010	Great Britain
2004/50	-	39259010	Great Britain
2004/75	5036889022005	39259010	Great Britain
2004/100	5036889021985	39259010	Great Britain
2004/150	5036889022890	39259010	Great Britain
2005/50	5036889021596	39259010	Great Britain
2005/75	5036889013485	39259010	Great Britain
2005/100	5036889021589	39259010	Great Britain
2006E/50	5036889013539	39259010	Great Britain
2006E/75	5036889013546	39259010	Great Britain
2006E/100	5036889013553	39259010	Great Britain
2007E/50	5036889013560	39259010	Great Britain
2007E/75	5036889013577	39259010	Great Britain
2007E/100	5036889013584	39259010	Great Britain
2075/460P50	5036889014055	39259010	Great Britain
2075/460P75	5036889021787	39259010	Great Britain
2075/460P100	5036889014031	39259010	Great Britain
2075/460P150	5036889014048	39259010	Great Britain
2075/880P50	5036889014178	39259010	Great Britain
2075/880P75	5036889014185	39259010	Great Britain
2075/880P100	5036889014161	39259010	Great Britain
2010P/50	5036889013676	39259010	Great Britain
2010P/75	5036889013683	39259010	Great Britain
2010P/100	5036889013690	39259010	Great Britain
2011P/50	5036889013782	39259010	Great Britain
2011P/75	5036889013779	39259010	Great Britain
2011P/100	5036889013805	39259010	Great Britain
2012P/50	5036889013843	39259010	Great Britain
2012P/75	5036889013850	39259010	Great Britain
2012P/100	5036889013867	39259010	Great Britain
2013P/50	5036889013904	39259010	Great Britain
2013P/75	5036889013911	39259010	Great Britain
2013P/100	5036889013928	39259010	Great Britain
LS01	5036889003509	39259010	Great Britain

Cavity Closers, Stops & Barriers

Product Code	Barcode	Commodity Code	Country of Origin
CCFIX	5036889002847	39259010	Great Britain
VACS50	5036889018671	39259010	Great Britain
VACS75	5036889018688	39259010	Great Britain
VACS85	5036889018695	39259010	Great Britain
VACS100	5036889018664	39259010	Great Britain
VACS125	5036889021756	39259010	Great Britain
FRSTOP50	5036889028601	6806900000	Great Britain
FRSTOP75	5036889028618	6806900000	Great Britain
FRSTOP85	5036889028625	6806900000	Great Britain
FRSTOP90	5036889028700	6806900000	Great Britain
FRSTOP100	5036889028564	6806900000	Great Britain
FRSTOP115	5036889028571	6806900000	Great Britain
FRSTOP125	5036889028588	6806900000	Great Britain
FRSTOP150	5036889028595	6806900000	Great Britain
TIMFRSTOP50	5036889028670	6806900000	Great Britain
TIMFRSTOP75	5036889028731	6806900000	Great Britain
TIMFRSTOP85	5036889028717	6806900000	Great Britain
TIMFRSTOP90	5036889028724	6806900000	Great Britain
TIMFRSTOP100	5036889028649	6806900000	Great Britain
TIMFRSTOP115	5036889028656	6806900000	Great Britain
TIMFRSTOP125	5036889028663	6806900000	Great Britain
TIMFRSTOP150	5036889028700	6806900000	Great Britain

Cavity Closers, Stops & Barriers

Product Code	Barcode	Commodity Code	Country of Origin
CC2.4PPS/MULTI100	5036889026218	39259010	Great Britain
CC2.4PPS/MULTI150	5036889026225	39259010	Great Britain
PP2.4/50	5036889026911	39259010	Great Britain
PP2.4/75	5036889026928	39259010	Great Britain
PP2.4/90	5036889026935	39259010	Great Britain
PP2.4/100	5036889026850	39259010	Great Britain
PP2.4/100MULTI	5036889026867	39259010	Great Britain
PP2.4/120	5036889026874	39259010	Great Britain
PP2.4/125	5036889026881	39259010	Great Britain
PP2.4/130	5036889026898	39259010	Great Britain
PP2.4/150	5036889026904	39259010	Great Britain
PP2.4/CR100MULTI	5036889026959	39259010	Great Britain
FX2.4/50	5036889027253	39259010	Great Britain
FX2.4/75	5036889027260	39259010	Great Britain
FX2.4/90	5036889027277	39259010	Great Britain
FX2.4/100	5036889027192	39259010	Great Britain
FX2.4/100MULTI	5036889027208	39259010	Great Britain
FX2.4/120	5036889027215	39259010	Great Britain
FX2.4/125	5036889027222	39259010	Great Britain
FX2.4/130	5036889027239	39259010	Great Britain
FX2.4/150	5036889027246	39259010	Great Britain
FX2.4/CR50	5036889027321	39259010	Great Britain
FX2.4/CR100	5036889027284	39259010	Great Britain
FX2.4/CR100MULTI	5036889027291	39259010	Great Britain
FX2.4/CR125	5036889027307	39259010	Great Britain
FX2.4/CR150	5036889027314	39259010	Great Britain
CC2.4FR/50	5036889023668	39259010	Great Britain
CC2.4FR/65	5036889025853	39259010	Great Britain
CC2.4FR/75	5036889002717	39259010	Great Britain
CC2.4FR/90	5036889025983	39259010	Great Britain
CC2.4FR/100	5036889002731	39259010	Great Britain
CC2.4FR/125	5036889025839	39259010	Great Britain
CC2.4FR/150	5036889025846	39259010	Great Britain
CC2.4FR/160	5036889025976	39259010	Great Britain
CC2.4FR/170	5036889026737	39259010	Great Britain
CC2.4FR/180	5036889027666	39259010	Great Britain
CC2.4FR/190	5036889025969	39259010	Great Britain
CC2.4FR/200	5036889026249	39259010	Great Britain
CC2.4FR/210	5036889025860	39259010	Great Britain
CC2.4FR/220	5036889026256	39259010	Great Britain
CC2.4FR/230	5036889027468	39259010	Great Britain
CC2.4FR/240	5036889026287	39259010	Great Britain
CC2.4FR/250	5036889026379	39259010	Great Britain
CC2.4FR/260	5036889026270	39259010	Great Britain
CC2.4FR/270	-	39259010	Great Britain
CC2.4FR/280	-	39259010	Great Britain
CC2.4FR/290	5036889028632	39259010	Great Britain
CC2.4FR/300	5036889026263	39259010	Great Britain
FR60/50	5036889026836	39259010	Great Britain
FR60/65	-	39259010	Great Britain
FR60/75	5036889027451	39259010	Great Britain
FR60/90	5036889027758	39259010	Great Britain
FR60/100	5036889026805	39259010	Great Britain
FR60/125	5036889026812	39259010	Great Britain
FR60/150	5036889026829	39259010	Great Britain
FR60/175	5036889027765	39259010	Great Britain
FR60/200	5036889027772	39259010	Great Britain
FR60/225	5036889027789	39259010	Great Britain
FR60/250	5036889027796	39259010	Great Britain
FR60/275	5036889027802	39259010	Great Britain
FR60/300	5036889027819	39259010	Great Britain
FR60/CR50	5036889027635	39259010	Great Britain
FR60/CR65	-	39259010	Great Britain
FR60/CR75	-	39259010	Great Britain
FR60/CR90	-	39259010	Great Britain
FR60/CR100	-	39259010	Great Britain
FR60/CR125	-	39259010	Great Britain
FR60/CR150	-	39259010	Great Britain

Access Products

Product Code	Barcode	Commodity Code	Country of Origin
1168	5036889006081	39259010	Great Britain
1168/25	5036889010491	39259010	Great Britain
1168/35	5036889004834	39259010	Great Britain
1169	5036889006098	39259010	Great Britain
1169KL	5036889006104	39259010	Great Britain
1169/25	5036889010507	39259010	Great Britain
1169/25KL	5036889010408	39259010	Great Britain
1169/35	5036889004841	39259010	Great Britain
1169/35KL	5036889004858	39259010	Great Britain
25119	5036889024023	73083000	Great Britain
25127	5036889024153	73083000	Great Britain
1170	5036889018718	39259010	Great Britain
Z8001	5036889028007	73083000	China
Z8002	5036889028014	73083000	China
Z8003	5036889028021	73083000	China
Z8004	5036889028038	73083000	China
Z8005	5036889028045	73083000	China
Z8006	5036889028052	73083000	China
Z8007	5036889028069	73083000	China
Z8008	5036889028076	73083000	China
Z9001	5036889028083	73083000	China
Z9002	5036889028090	73083000	China
Z9003	5036889028106	73083000	China
Z9004	5036889028113	73083000	China
Z9005	5036889028120	73083000	China
Z9006	5036889028137	73083000	China
Z9007	5036889028144	73083000	China
Z9008	5036889028151	73083000	China
ZKL8001	5036889028250	73083000	China
ZKL8002	5036889028267	73083000	China
ZKL8003	5036889028274	73083000	China
ZKL8004	5036889028281	73083000	China
ZKL8005	5036889028298	73083000	China
ZKL8006	5036889028304	73083000	China
ZKL8007	5036889028311	73083000	China
ZKL8008	5036889028328	73083000	China
ZKL9001	5036889028335	73083000	China
ZKL9002	5036889028342	73083000	China
ZKL9003	5036889028359	73083000	China
ZKL9004	5036889028366	73083000	China
ZKL9005	5036889028373	73083000	China
ZKL9006	5036889028380	73083000	China
ZKL9007	5036889028397	73083000	China
ZKL9008	5036889028403	73083000	China
Z1162	5036889028427	73083000	China
Z1170	5036889028410	73083000	China
AP110	5036889004964	39259010	Great Britain
AP150	5036889007101	39259010	Great Britain
AP150KL	5036889001680	39259010	Great Britain
AP200	5036889007323	39259010	Great Britain
AP300	5036889007330	39259010	Great Britain
AP300KL	5036889001703	39259010	Great Britain
AP450	5036889007347	39259010	Great Britain
AP450KL	5036889001710	39259010	Great Britain
AP110AT	5036889010002	39259010	Great Britain
AP150AT	5036889010019	39259010	Great Britain
AP200AT	5036889010026	39259010	Great Britain
AP300AT	5036889010033	39259010	Great Britain
AP450AT	5036889010040	39259010	Great Britain
Z2001	5036889027918	73083000	China
Z2002	5036889027925	73083000	China
Z2003	5036889027932	73083000	China
Z2004	5036889027949	73083000	China
Z2005	5036889027956	73083000	China
Z2006	5036889027963	73083000	China
Z2007	5036889027970	73083000	China
Z2008	5036889027987	73083000	China

Access Products

Product Code	Barcode	Commodity Code	Country of Origin
Z2009	5036889027994	73083000	China
Z1001	5036889027826	73083000	China
Z1002	5036889027833	73083000	China
Z1003	5036889027840	73083000	China
Z1004	5036889027857	73083000	China
Z1006	5036889027871	73083000	China
Z1007	5036889027888	73083000	China
Z1009	5036889027901	73083000	China
ZKL1001	5036889028168	73083000	China
ZKL1002	5036889028175	73083000	China
ZKL1003	5036889028182	73083000	China
ZKL1004	5036889028199	73083000	China
ZKL1006	5036889028212	73083000	China
ZKL1007	5036889028229	73083000	China
ZKL1009	5036889028243	73083000	China

Adapt-Air

Product Code	Barcode	Commodity Code	Country of Origin
6555	5036889027741	39259010	Great Britain
6510BL	5036889018824	39259010	Great Britain
6510BR	5036889018817	39259010	Great Britain
6510BU	5036889018855	39259010	Great Britain
6510GR	5036889018831	39259010	Great Britain
6510TE	5036889018800	39259010	Great Britain
6510WH	5036889018848	39259010	Great Britain
6520BL	5036889025877	39259010	Great Britain
6520BR	5036889025884	39259010	Great Britain
6520BU	5036889025891	39259010	Great Britain
6520GR	5036889025907	39259010	Great Britain
6520TE	5036889025914	39259010	Great Britain
6520WH	5036889025921	39259010	Great Britain
3511BU	5036889026515	39259010	Great Britain
3511TE	5036889026522	39259010	Great Britain
6500BL	5036889018756	39259010	Great Britain
6500BR	5036889018749	39259010	Great Britain
6500BU	5036889018787	39259010	Great Britain
6500GR	5036889018763	39259010	Great Britain
6500TE	5036889018732	39259010	Great Britain
6500WH	5036889018770	39259010	Great Britain
6512BL	5036889027512	39259010	Great Britain
6512BR	5036889027529	39259010	Great Britain
6512BU	5036889026430	39259010	Great Britain
6512GR	5036889027536	39259010	Great Britain
6512TE	5036889026447	39259010	Great Britain
6512WH	5036889027543	39259010	Great Britain
6525BL	5036889027499	39259010	Great Britain
6525BR	5036889027482	39259010	Great Britain
6525BU	5036889027482	39259010	Great Britain
6525GR	5036889026478	39259010	Great Britain
6525TE	5036889026485	39259010	Great Britain
6525WH	5036889027369	39259010	Great Britain
6515BL	5036889027550	39259010	Great Britain
6515BR	5036889027567	39259010	Great Britain
6515BU	5036889026454	39259010	Great Britain
6515GR	5036889027574	39259010	Great Britain
6515TE	5036889026461	39259010	Great Britain
6515WH	5036889027581	39259010	Great Britain
6550BL	5036889027598	39259010	Great Britain
6550BR	5036889027604	39259010	Great Britain
6550BU	5036889026492	39259010	Great Britain
6550GR	5036889027611	39259010	Great Britain
6550TE	5036889026508	39259010	Great Britain
6550WH	5036889027628	39259010	Great Britain

Rad-Seal

Product Code	Barcode	Commodity Code	Country of Origin
1115	5036889009907	39259010	Great Britain
2221	5036889027833	39259010	Great Britain

Roofline

Product Code	Barcode	Commodity Code	Country of Origin
1139	5036889025495	39259010	Great Britain
1140	5036889005299	39259010	Great Britain
1141	5036889005275	39259010	Great Britain
1142	5036889005282	39259010	Great Britain
1137BL	5036889005343	39259010	Great Britain
1137BR	5036889005367	39259010	Great Britain
1137WH	5036889005350	39259010	Great Britain
1138BR	5036889005404	39259010	Great Britain
1138WH	5036889005411	39259010	Great Britain
3012	5036889005480	39259010	Great Britain
3011BL	5036889005503	39259010	Great Britain
3011BR	5036889005510	39259010	Great Britain
3011WH	5036889005527	39259010	Great Britain
3011/25BL	5036889005565	39259010	Great Britain
3011/25W	5036889005589	39259010	Great Britain
OF1BL	5036889018312	39259010	Great Britain
OF1WH	5036889005848	39259010	Great Britain
OF2BL	5036889005916	39259010	Great Britain
OF2WH	5036889005930	39259010	Great Britain
3014	5036889005640	39259010	Great Britain
3014C	5036889005664	39259010	Great Britain
1121	5036889005251	39259010	Great Britain
1171	5036889027475	39259010	Great Britain
1131	5036889020940	39259010	Great Britain
1151	5036889025822	39259010	Great Britain
EVP6	5036889005763	39259010	Great Britain
EVP6/25	5036889017933	39259010	Great Britain
EVP6/25600	5036889021091	39259010	Great Britain
EVP6/600	5036889021084	39259010	Great Britain
1128	5036889007682	39259010	Great Britain
3017	5036889005725	39259010	Great Britain
1136	5036889005749	39259010	Great Britain
TV62MDAANTHR	5036889024689	39259010	Great Britain
TV62MDARED	5036889018572	39259010	Great Britain
TV62MDASEPIA	5036889024696	39259010	Great Britain
TV62MDATERR	5036889024702	39259010	Great Britain
TV62MENANTHR	5036889018589	39259010	Great Britain
TV62MENRED	5036889024719	39259010	Great Britain
TV62MENSEPIA	5036889024726	39259010	Great Britain
TV62MENTERR	5036889024733	39259010	Great Britain
TV62MLMANTHR	5036889018596	39259010	Great Britain
TV62MLMRED	5036889018602	39259010	Great Britain
TV62MLMSEPIA	5036889024740	39259010	Great Britain
TV62MLMTERR	5036889024757	39259010	Great Britain
TV62FRAANTHR	5036889018619	39259010	Great Britain
TV62FRARED	5036889018626	39259010	Great Britain
TV62FRASEPIA	5036889018633	39259010	Great Britain
TV62FRATERR	5036889018640	39259010	Great Britain
TV62AD	5036889011603	39259010	Great Britain
TV8ANTH	5036889018619	39259010	Great Britain
TV8RED	5036889018626	39259010	Great Britain
TV8SEPIA	5036889018633	39259010	Great Britain
TV8TERR	5036889018640	39259010	Great Britain
TV8AD	5036889011597	39259010	Great Britain
4001	5036889006418	39259010	Great Britain
4101	5036889006746	39259010	Great Britain
4102	5036889008542	39259010	Great Britain
4103	5036889021879	39259010	Great Britain
88106	5036889021145	39259010	Great Britain
JOININGSTRIP	5036889005893	39259010	Great Britain
VALLEYTROUGH	5036889005855	39259010	Great Britain
VALLEYTROUGH/SL	5036889005879	39259010	Great Britain
54700	5036889027338	39259010	Great Britain
54701	5036889027345	39259010	Great Britain
54702	5036889027352	39259010	Great Britain
54618	5036889027703	39259010	Great Britain
54626	5036889026782	39259010	Great Britain
54710	5036889027673	39259010	Great Britain

Roofline

Product Code	Barcode	Commodity Code	Country of Origin
54711	-	39259010	Great Britain
54712	-	39259010	Great Britain
44623	5036889022210	39259010	Great Britain
99141	5036889027031	39259010	Great Britain
99142	5036889027048	39259010	Great Britain
99143	5036889027055	39259010	Great Britain
99144	5036889027062	39259010	Great Britain
99109	5036889022562	39259010	Great Britain
99110	5036889022579	39259010	Great Britain
99108	5036889022555	39259010	Great Britain
99107	5036889026577	39259010	Great Britain
99113	5036889022593	39259010	Great Britain
99114	5036889022609	39259010	Great Britain
99112	5036889022586	39259010	Great Britain
99136	5036889026584	39259010	Great Britain
99153	5036889027154	39259010	Great Britain
99155	5036889027178	39259010	Great Britain
99154	5036889027161	39259010	Great Britain
99156	5036889027185	39259010	Great Britain
99124	5036889022678	73083000	Great Britain
99125	5036889022685	39259010	Great Britain
99126	5036889022692	39259010	Great Britain
99127	5036889022708	39259010	Great Britain
99130	5036889022739	39259010	Great Britain
99120	5036889022647	39259010	Great Britain
99121	5036889022654	39259010	Great Britain
99122	5036889022661	39259010	Great Britain
99138	5036889026553	39259010	Great Britain
99116	5036889022616	39259010	Great Britain
99117	5036889022623	39259010	Great Britain
99118	5036889022630	39259010	Great Britain
99137	5036889026546	39259010	Great Britain
66101	5036889022234	39259010	Great Britain
66105	5036889022272	39259010	Great Britain
66117	5036889022395	39259010	Great Britain
66120	5036889022425	39259010	Great Britain
66124	5036889022463	39259010	Great Britain
5560	5036889028762	39259010	Great Britain

Through-Wall Ventilation

Product Code	Barcode	Commodity Code	Country of Origin
1236	5036889009877	39259010	Great Britain
1237	5036889009860	39259010	Great Britain
1238	5036889010781	39259010	Great Britain
1202/1	5036889006807	39259010	Great Britain
1202/2	5036889006818	39259010	Great Britain
1207W	5036889006777	39259010	Great Britain
1207WF	5036889006128	39259010	Great Britain
1208W	5036889006869	39259010	Great Britain
1209W	5036889006876	39259010	Great Britain
1210W	5036889006883	39259010	Great Britain
1211W	5036889006845	39259010	Great Britain
1211WF	5036889006364	39259010	Great Britain
1212W	5036889006852	39259010	Great Britain
1212WF	5036889006555	39259010	Great Britain
1218W	5036889006005	39259010	Great Britain
1218WF	5036889007002	39259010	Great Britain
1219W	5036889007064	39259010	Great Britain
1220A	5036889003325	73083000	Great Britain
1220BA	5036889003332	73083000	Great Britain
1220PB	5036889003349	73083000	Great Britain
1221A	5036889003356	73083000	Great Britain
1221BA	5036889003363	73083000	Great Britain
1221PB	5036889003370	73083000	Great Britain
1222A	5036889003387	73083000	Great Britain
1222BA	5036889003394	73083000	Great Britain
1222PB	5036889003400	73083000	Great Britain
1223A	5036889003417	73083000	Great Britain

Through-Wall Ventilation

Product Code	Barcode	Commodity Code	Country of Origin
1223BA	5036889003424	73083000	Great Britain
1223PB	5036889003431	73083000	Great Britain
1224A	5036889003448	73083000	Great Britain
1224BA	5036889003455	73083000	Great Britain
1224PB	5036889003462	73083000	Great Britain
1225A	5036889003479	73083000	Great Britain
1225BA	5036889003486	73083000	Great Britain
1225PB	5036889003493	73083000	Great Britain
1226A	5036889003684	39259010	Great Britain
1226BA	5036889003691	39259010	Great Britain
ABC93BR	5036889017469	39259010	Great Britain
ABC93TE	5036889017483	39259010	Great Britain
ABC96BR	5036889017490	39259010	Great Britain
ABC96TE	5036889017513	39259010	Great Britain
ABC99BR	5036889017520	39259010	Great Britain
ABC99TE	5036889017544	39259010	Great Britain
ACV7BR	5036889017674	39259010	Great Britain
ACV7CBR	5036889009549	39259010	Great Britain
ACV7CTE	5036889009174	39259010	Great Britain
ACV7CWH	5036889009181	39259010	Great Britain
ACV7HRTE	5036889009204	39259010	Great Britain
ACV7TE	5036889009143	39259010	Great Britain

Top Hats, Gas Barriers & DPC Accessories

Product Code	Barcode	Commodity Code	Country of Origin
TH055	5036889007408	39259010	Great Britain
TH082	5036889007415	39259010	Great Britain
TH110	5036889007392	39259010	Great Britain
TH135	5036889018510	39259010	Great Britain
TH160	5036889007422	39259010	Great Britain
77110	5036889025938	39259010	Great Britain
JCLIP5	5036889018268	39259010	Great Britain
JCLIP6	5036889018275	39259010	Great Britain
JCLIP7	5036889018282	39259010	Great Britain
77120	5036889011627	39259010	Great Britain
RSUMP01	5036889007439	39259010	Great Britain
GTAPE01	5036889027307	39259010	Great Britain
GTAPE02	5036889027314	39259010	Great Britain
TPT01	5036889007446	39259010	Great Britain
TST01	5036889007453	39259010	Great Britain

Meter Boxes

Product Code	Barcode	Commodity Code	Country of Origin
30008	5036889026607	39259010	Great Britain
30011	5036889026591	39259010	Great Britain
30012	5036889026614	39259010	Great Britain
30013	5036889026652	39259010	Great Britain
30014	5036889026669	39259010	Great Britain
30015	5036889026676	39259010	Great Britain
30016	5036889026683	39259010	Great Britain
30017	5036889026690	39259010	Great Britain
30018	5036889026706	39259010	Great Britain
31001	5036889026638	39259010	Great Britain
31002	5036889026645	39259010	Great Britain

Hedgehog Highway

Product Code	Barcode	Commodity Code	Country of Origin
5551	5036889027642	39259010	Great Britain
5552	5036889027659	39259010	Great Britain

Alumasc Building Products Limited (trading as Timloc Building Products)
Terms and Conditions of Sale
The Buyer's attention is drawn in particular to the provisions of clause 10.

1 | Definitions and interpretation
1.1 In these Conditions the following definitions apply:
Business Day means a day other than Saturday, Sunday and public holidays when banks are open for business in London;
Buyer means the person or firm who purchases Goods from Timloc and whose details are set out in the Order Acknowledgement;
Conditions means the terms and conditions in this document (as amended from time to time);
Confidential Information means any commercial, financial or technical information, information relating to products, plans, know-how or trade secrets which is obviously confidential or has been identified as such, or which is developed by a party in performing its obligations under, or otherwise pursuant to this Contract;
Contract means the agreement between Timloc and the Buyer for the sale and purchase of Goods incorporating these Conditions and the Order Acknowledgement;
Delivery Location means the address for delivery of the Goods as set out in the Order Acknowledgement (which may also be referred to as the "ship to" address);
Force Majeure means an event or sequence of events beyond a party's reasonable control preventing or delaying it from performing its obligations under the Contract including (but not limited to) any restriction by or act of, Government or other competent authority, act of God, fire, flood, lightning, natural disaster; war, riot, strike, other industrial action; interruption or failure of supplies of power, fuel, transport, raw materials, components, equipment or telecommunications service, breakdown of plant; except any party's failure to pay shall not be an event of Force Majeure in any event;
Goods means the goods to be supplied by Timloc to the Buyer in accordance with these Conditions;
Insolvency Event shall have the meaning given to it in clause 14.1.2;
Intellectual Property Rights means copyright, patents, know-how, trade secrets, trade marks, trade names, design rights, rights in get-up, rights in goodwill, rights in confidential information, rights to sue for passing off, utility models, domain names, rights in software and all similar rights of whatever nature and, in each case: (i) whether registered or not, (ii) including any applications to protect or register such rights, (iii) including all renewals and extensions of such rights or applications, (iv) whether vested, contingent or future and (v) in whichever part of the world existing;
Order means the Buyer's order for the Goods from Timloc;
Order Acknowledgement means Timloc's written acceptance of the Order;
Value Added Tax or VAT means value added tax under the Value Added Taxes Act 1994 or any other similar sale or fiscal tax applying to the sale of the Goods; and
Timloc means Alumasc Building Products Limited (trading as Timloc Building Products), a company registered in England and Wales with number 02992960 whose registered office is at Station Road, Burton Latimer, Kettering, Northamptonshire, NN15 5JP.
1.2 Unless the context otherwise requires:
1.2.1 each gender includes the others and the singular includes the plural and vice versa;
1.2.2 references to persons include individuals, unincorporated bodies, government entities, companies and corporations;
1.2.3 clause headings do not affect their interpretation;
1.2.4 any words that follow 'include', 'includes', 'including', 'in particular', or any similar words and expressions shall be construed as illustrative only and shall not limit the sense of any word, phrase, term, definition or description preceding those words; and
1.2.5 references to any legislation will be construed as a reference to that provision as amended, re-enacted or extended at the relevant time.

2 | Application of these Conditions
2.1 These Conditions apply to and form part of the Contract between Timloc and the Buyer. Subject to clause 17.8, these Conditions supersede any previously issued terms and conditions.
2.2These Conditions apply to the Contract to the exclusion of any other terms and conditions that the Buyer seeks to impose, or incorporate, including within or with the Buyer's Order, or which are implied by trade, custom, practice or course of dealing.
2.3 No variation of these Conditions or to an Order Acknowledgement, or to a quotation from Timloc will be binding unless expressly agreed in writing and executed by a duly authorised signatory on behalf of Timloc.
2.4 An Order accepted by Timloc may only be cancelled by the Buyer with Timloc's written consent, and any such consent given shall not prejudice any rights Timloc has under the Contract, including its rights to recover any losses or expenses incurred due to such cancellation.
2.5 Each Order received by Timloc will be deemed to be an offer to purchase Goods, subject to the Conditions and shall only be accepted by Timloc in the event that Timloc issues an Order Acknowledgement.
2.6 Timloc reserves the right at all times to reject any Order, in whole or in part, at its sole discretion. Timloc may request trade references and/or a payment on account before issuing any Order Acknowledgement or other acceptance and/or may set a credit limit applicable to the Buyer from time to time.
2.7 Any quotation by Timloc for the supply of Goods will be:
2.7.1 deemed to be an invitation to treat by Timloc (and shall not be an offer capable of acceptance by the Buyer) to supply Goods on and subject to the Conditions; and
2.7.2 valid for 28 days only from the date of issue unless specified otherwise in writing.
2.8 Any drawings, descriptive matter, marketing and other promotional material produced by Timloc and any descriptions or illustrations contained in its sales literature, brochures or price lists relating to the Goods are illustrative only and do not form part of the Contract.
2.9 A Contract will be formed when Timloc issues an Order Acknowledgment to the Buyer, or otherwise delivers the Goods (whichever is soonest).
2.10 If after issue of an Order Acknowledgement the Buyer wishes to amend anything agreed in the Order Acknowledgement, the Buyer must report the same to Timloc immediately and in any event, no later than one hour after the Order Acknowledgement was issued, and Timloc may, in its sole discretion, amend the Order Acknowledgement.

3 | Price
3.1 The price for the Goods is set out in the Order Acknowledgment or, in default of such provision, shall be calculated in accordance with the price list provided by Timloc to the Buyer (unless otherwise agreed between the parties in writing).
3.2 The price of the Goods excludes (unless otherwise agreed between the parties in writing):
3.2.1 VAT (unless otherwise specifically stated), which will be charged at the rate applicable at the date of delivery;
3.2.2 delivery and carriage cost (which are set out in the Order Acknowledgement) and excess carriage costs;
3.2.3 the costs of packaging;
3.2.4 insurance for the Goods; and
3.2.5 any taxes, levies, import duties or charges.
3.3 Where the price of any Goods is quoted at a special or promotional rate in a price list or quotation, any relevant code provided must be clearly quoted on the Order.

4 | Payment
4.1 Timloc may issue its invoice for the Goods at any time after issue of the Order Acknowledgement.
4.2 Unless agreed otherwise by Timloc in writing, the Buyer will pay all invoices:
4.2.1 in full without deduction or set-off or counterclaim other than as required by law, in cleared funds no later than the last day of the month following the month in which the invoice is dated; and
4.2.2 by the method specified in the Order Acknowledgment or on the invoice.
4.3 Time for payment is of the essence. Where sums due under the Contract are not paid in full by the due date then, without prejudice to any other right or remedy available to Timloc, Timloc may:
4.3.1 charge interest on such sums at 4% a year above the base rate of Lloyds Bank Plc base rate from time to time in force, and such interest will accrue on a daily basis, and apply from the due date for payment until actual payment in full, whether before or after judgment; and/or
4.3.2 require payment in advance in respect of Goods ordered but not yet delivered; and/or
4.3.3 terminate the Contract; and/or
4.3.4 suspend any further deliveries to the Buyer; and/or
4.3.5 cancel any other contract in place between the Buyer and Timloc and/or suspend any deliveries thereunder; and/or
4.3.6 to exercise any or all of the above, in any combination.
4.4 The Buyer's obligation to pay the price of the Goods under the Contract shall not be affected by any Insolvency Event or similar event suffered, or other financial difficulties, of the Buyer or of any of its customers or other third parties with which it contracts.
5 | Delivery

5.1 The Goods will be:
5.1.1 delivered by, or by a carrier for, Timloc to the Delivery Location specified in the Order Acknowledgment; or
5.1.2 made available for collection by the Buyer, or an agent authorised by the Buyer, at Timloc's premises, or the carrier's premises as specified by Timloc in writing. The Buyer will collect the Goods within any period specified in the Order Acknowledgment or otherwise as soon as the Goods are ready for collection.
5.2 The Goods will be deemed delivered:
5.2.1 if delivered by or for Timloc under clause 5.1.1, on arrival of the Goods at the Delivery Location; or
5.2.2 if collected by the Buyer under clause 5.1.2, when Timloc makes the Goods available for collection.
5.3 Where Timloc delivers the Goods under clause 5.1.1, Timloc shall deliver the Goods as close to the Delivery Location as a safe, hard road permits and the Buyer must ensure that adequate access is available to the Delivery Location and that it provides, at its own expense, adequate labour to carry out the unloading and stacking of the Goods from the delivery vehicle. All unloading shall be undertaken by the Buyer without undue delay. Any damage caused to the Goods due to the Buyer's non-compliance with this clause 5.3 shall be at the Buyer's expense.
5.4 The Goods may be delivered in instalments. Any delay in delivery or defect in an instalment will not entitle the Buyer to cancel any other instalment or the Contract as a whole. Timloc reserves the right to raise invoices for each instalment.
5.5 Delivery of the Goods, or part thereof, will be accompanied by a despatch note stating the relevant details of the Buyer and Timloc and a summary of the Goods in the consignment.
5.6 Timloc will use its reasonable endeavours to meet any stated delivery dates or any other dates for performance but such dates are approximate only and time for delivery or other performance by Timloc is not of the essence. Timloc shall not be liable for any delay in delivery of the Goods howsoever caused.
5.7 Where delivery of the Goods is to be made in bulk, Timloc reserves the right to deliver up to 10 per cent more or 10 per cent less than the quantity in the Order Acknowledgement without any adjustment in the price, and the quantity so delivered shall be deemed to be the quantity ordered in accordance with the Contract. The Buyer shall not be entitled to reject any delivery on the basis of an incorrect volume of Goods being supplied which are within those tolerances.
5.8 Timloc offers a next day delivery service in respect of Orders placed for delivery to Delivery Locations within the UK mainland (excluding Northern Ireland, the Channel Islands, Scottish Highlands and Islands, Eire and any other location outside of mainland UK). The same will only apply if Timloc receives such request by 13.00 on the day prior to the desired delivery date, and a next day delivery date is set out in the Order Acknowledgement. The Buyer acknowledges that delivery of the Goods under the next day delivery service will be made between 9am and 5pm and delivery required outside of these times, or at a specific time, must be arranged with Timloc, may be subject to an additional charge but cannot be guaranteed.
5.9 Timloc will not be liable for any delay in or failure of delivery caused by:
5.9.1 the Buyer's failure to: (i) make the Delivery Location available, (ii) prepare the Delivery Location in accordance with Timloc's instructions or as required for delivery or (iii) provide Timloc with adequate instructions, for delivery or otherwise relating to the Goods;
5.9.2 the Buyer's failure to collect the Goods from Timloc's premises; or
5.9.3 an event of Force Majeure.
5.10 If the Buyer fails to accept delivery of or collect the Goods as provided in clause 5.1.1 or 5.1.2 on the date set out in the Order Acknowledgment (or otherwise specified in writing by Timloc):
5.10.1 delivery of the Goods will be deemed to have occurred at 09:00 A.M. on the third Business Day following such date; and
5.10.2 Timloc will store and insure the Goods pending delivery or collection, and the Buyer will pay storage and insurance charges at Timloc's then-applicable rate and any other costs and expenses incurred by Timloc in doing so, including any additional costs of redelivery. Timloc may issue an invoice for such costs and expenses at any time in accordance with the provisions of clause 4.
5.11 If by the end of 5 Business Days following the due date for delivery or collection of the Goods, the Buyer has not taken delivery of or collected them, Timloc may resell or otherwise dispose of the Goods. Timloc will:
5.11.1 deduct storage charges at Timloc's then-applicable rate and reasonable costs of resale; and
5.11.2 account to the Buyer for any excess of the resale price over, or invoice the Buyer for any shortfall of the resale price below, the price paid by the Buyer for the Goods.
5.12 If any packaging is marked as "returnable" then the same must be returned in good condition by the Buyer to Timloc by no later than one month from the delivery date and Timloc reserves the right to charge the Buyer for the same in the event that the Buyer fails to return the same.

6 | Specification
6.1 Unless otherwise stated in the Contract, all specifications and particulars of weights and dimensions stated in the Contract and in Timloc's sales literature are approximate only, and where dimensions or weights are quoted in imperial measurements, Timloc reserves the right to supply any convenient metric equivalent or vice versa. Whilst every effort is made for these figures to be accurate, the specification of all goods manufactured and supplied by Timloc are subject to normal trade tolerances.
6.2 Timloc reserves the right to change the specification of any goods quoted in its sales literature at any time without notice.
6.3 Whilst Timloc takes every precaution in the preparation of its literature, these documents are for the Buyer's general guidance only and the particulars contained therein shall not constitute representations by Timloc, and Timloc shall not be bound thereby.

7 | Title and risk
7.1 Risk in the Goods shall pass to the Buyer;
7.1.1 in the case of Goods to be delivered at Timloc's premises in accordance with clause 5.1.2, at the time when Timloc make the Goods available for collection; or
7.1.2 in the case of Goods to be delivered in accordance with 5.1.1, upon delivery of the Goods to the Delivery Location, including:
7.1.2.1 where neither the Buyer nor any of his employees, agents or subcontractors are present to accept the delivery; or
7.1.2.2 in the case of the Buyer wrongfully failing to take delivery of the Goods, at the time when Timloc has attempted delivery of the Goods; or
7.1.3 in the case of Goods to be delivered to a Delivery Location that is not within the United Kingdom, immediately upon the Goods being placed on board ship. Accordingly, except as otherwise agreed by Timloc, delivery shall be F.O.B Incoterms 2010, named port of shipment.
7.2 The Buyer shall take all reasonable precautions to prevent any loss, damage or accident arising during the delivery of the Goods.
7.3 Notwithstanding delivery and the passing of risk in the Goods, title to the Goods will not pass to the Buyer until Timloc has received payment in full (in cash or cleared funds) for the Goods and any other goods that Timloc has supplied to the Buyer in respect of which payment has become due (under any contract), including any additional charges or interest accrued in relation to the same.
7.5 Notwithstanding clause 7.4, the Buyer may use or resell the Goods in the ordinary course of its business until such time as it becomes aware or ought reasonably to have become aware that an Insolvency Event is or is likely to occur, but shall account to Timloc for the proceeds of sale or otherwise of the Goods, whether tangible or intangible, including insurance proceeds, and shall keep all such proceeds separate from any monies or property of the Buyer and third parties, hold such proceeds on trust for Timloc and, in the case of tangible proceeds, properly stored, protected and insured.
7.6 If the Buyer resells the Goods in accordance with clause 7.5, title to the Goods shall pass to the Buyer immediately prior to the resale.
7.7 Until such time as title to the Goods has passed to the Buyer, Timloc shall be entitled at any time (without affecting its other rights and remedies) to:
7.7.1 require the Buyer at the Buyer's expense to deliver up the Goods to Timloc; and
7.7.2 if the Buyer fails to do so promptly, enter any land, premises or buildings on or in which the Goods are stored (with or without vehicles) and repossess them, and where such land, premises or buildings belong to a third party, the Buyer shall procure the right for Timloc to enter onto that premises.
7.8 All costs incurred by Timloc in repossessing the Goods shall be borne by the Buyer.

8 | Defects and Acceptance of Goods
8.1 The Buyer will be deemed to have accepted the Goods unless the Buyer notifies Timloc in writing, setting out full particulars:
8.1.1 of any damage to, or any defect in the quality or condition of the Goods (whether or not delivery is refused by the Buyer), or of any incomplete delivery (subject to the provisions of clause 5.4 and clause 5.7) within 3 Business Days from the date of delivery; or
8.1.2 of any defect where such defect was not apparent on reasonable inspection, within a reasonable time after discovery of the defect; or
8.1.3 of non-delivery of the Goods within 3 Business Days of the due date for delivery.
8.2 If delivery is not refused, and the Buyer does not notify Timloc of its intended rejection of the Goods in accordance with clause 8.1, the Buyer shall not be entitled to reject the Goods, Timloc shall have no liability for such defect or failure, and the Buyer shall be bound to pay the price of the Goods in full.
8.3 Where any valid claim in respect of any of the Goods which is based on any defect in the quality or condition of the Goods is notified to Timloc in accordance with this clause 8, Timloc will, at its option, repair, replace or refund (or grant credit for) the price of defective Goods, provided that the Buyer gives Timloc a reasonable opportunity to examine the defective Goods. Timloc shall have no further liability to the Buyer and the Buyer's remedy for such defect shall be limited to the remedy in this clause 8.3.
8.4 These Conditions will apply to any Goods repaired or replaced under clause 8.3.
8.5 The Buyer will not have a valid claim to reject the Goods under clause 8.3:
8.5.1 where such failure arises by reason of fair wear and tear, wilful damage, negligence, abnormal working conditions, failure to follow Timloc's instructions or advice, or could be expected to arise in the normal course of use of the Goods;
8.5.2 to the extent caused by the Buyer's failure to comply with Timloc's instructions as to: (i) storage, installation, commissioning, use or maintenance of the Goods; (ii) good practice in relation to the storage, installation, commissioning, use or maintenance of the Goods; or (iii) any warnings issued by Timloc to the Buyer in respect of the use of the Goods;
8.5.3 to the extent that any alleged defect in the Goods arises from any minor deviations from the specification, to which Timloc shall have no liability;
8.5.4 where the Buyer repairs or alters any Goods without Timloc's prior written agreement; or
8.5.5 where the Buyer uses any of the Goods after notifying Timloc under clause 8.1.
8.6 Except as set out in this clause 8, Timloc gives no warranty in relation to the Goods.
8.7 All warranties, conditions or other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.
8.8 Without prejudice to any provision of this clause 8, if the Buyer wishes to request proof of delivery, such request must be received by Timloc within 30 days of the date of delivery.

9 | Obligations of the Buyer
9.1 The Buyer will:
9.1.1 place all Orders subject to and on the basis of these Conditions and ensure that the contents of any Order are complete and accurate; and
9.1.2 co-operate fully with Timloc in relation to delivery or collection of the Goods.

10 | Liability – THE BUYER'S ATTENTION IS PARTICULARLY DRAWN TO THIS CLAUSE
10.1 Notwithstanding anything to the contrary in the Contract, Timloc's liability:
10.1.1 for death or personal injury caused by its negligence, or the negligence of Timloc's employees, agents or subcontractors (as applicable);
10.1.2 due to any breach by Timloc of conditions as to title or warranty as to quiet possession;
10.1.3 for fraud (including without limitation fraudulent misrepresentation); or
10.1.4 for any other matter in respect of which it would be unlawful for Timloc to exclude or restrict liability;
shall not be excluded or limited (but nothing in this clause 10.1 confers any right or remedy upon the Buyer to which it would not otherwise be entitled).
10.2 Subject at all times to clause 10.1, whether or not Timloc has been advised of the possibility of such a loss and whether or not such a loss was reasonably foreseeable, Timloc shall not be liable in contract, tort (including negligence), for breach of statutory duty, or otherwise howsoever arising for any claim (including without limitation a claim pursuant to an indemnity), damage, expenses, loss, costs or liability in respect of:
10.2.1 any direct loss of profit;
10.2.2 any direct loss of anticipated savings;
10.2.3 any indirect loss of profit;
10.2.4 indirect loss of anticipated savings;
10.2.5 loss of use of money;
10.2.6 loss of business or opportunity;
10.2.7 loss of productivity;
10.2.8 loss of goodwill or damage to reputation;
10.2.9 loss of data; and/or
10.2.10 any indirect, special or consequential loss or damage, costs, expenses or other claims for compensation whatsoever,
and the parties hereto agree that the sub clauses of this clause 10.2 shall be distinct and severable.
10.3 Timloc's total liability arising under or in connection with this Contract, whether in contract, tort (including negligence), breach of statutory duty or otherwise, shall in no circumstances exceed the price of the Goods under the Contract.
10.4 The Buyer is advised to insure against any risk not accepted by Timloc.

11 | Intellectual Property Rights
Timloc shall retain ownership of its Intellectual Property Rights in the Goods and in any documents, materials or data provided by Timloc to the Buyer relating to the Goods and the same shall at all times remain exclusively in the ownership of Timloc.
17.9 The Contract will be governed by the law of England and Wales. Disputes will be submitted to the exclusive jurisdiction of the courts of England and Wales except with respect to matters of enforcement in which case the jurisdiction of the English courts shall be non-exclusive.

12 | Confidentiality
12.1 Each party shall keep confidential, all Confidential Information of the other party and will only use the other's Confidential Information as required to perform the Contract. The provisions of this clause will not apply to any:
12.1.1 information which was in the public domain at the date of this Contract;
12.1.2 information which comes into the public domain subsequently other than as a consequence of any breach of the Contract;
12.1.3 information which is independently developed by the other party without using information supplied by the first party; or
12.1.4 disclosure required by law or a regulatory authority or otherwise by the provisions of the Contract.

13 | Force Majeure
A party will not be liable if delayed in or prevented from performing its obligations (other than an obligation to pay an amount due under the Contract) due to Force Majeure, provided that it promptly notifies the other of the Force Majeure event and its expected duration and uses reasonable endeavours to minimise the effects of that event.

14 | Termination
14.1 Without prejudice to its other rights and remedies in the Contract, the Contract (and any other contract between the parties) may be terminated forthwith at any time by Timloc on written notice to the Buyer if:
14.1.1 the Buyer commits a material breach, or series of breaches resulting in a material breach, of the Contract and such breach is not remediable or if capable of remedy is not remedied within 7 days of written notice to do so; or
14.1.2 any of the following events occur (an "Insolvency Event"):
14.1.2.1 the Buyer suspends or threatens to suspend payment of its debts, or is unable to pay its debts as they fall due or ceases to trade;
14.1.2.2 the Buyer (a) negotiates with its creditors for rescheduling of its debts, (b) makes a proposal to or compounds with its creditors in respect of its debts other than solely by way of solvent amalgamation or reconstruction or (c) makes an application to court for protection from its creditors generally or (d) the Buyer suffers or allows any execution to be levied on its property or obtained against it;
14.1.2.3 the Buyer passes a resolution for winding-up or for the appointment of an administrator, or a liquidator or administrator is appointed in relation to the Buyer, or a winding-up order is made in relation to the Buyer, other than solely in relation to a solvent amalgamation or reconstruction;
14.1.2.4 a receiver or administrative receiver may be or is appointed in relation to the Buyer or any of its assets;
14.1.2.5 any creditor of the Buyer attaches, takes possession of, or any distress, execution or similar process is levied or enforced against, all or any part of the Buyer's assets, and such attachment or process is not discharged within 14 days; or
14.1.2.6 the Buyer takes or suffers any action similar to any of the above in any jurisdiction;
14.1.3 there is a material change in the management, ownership or control of the Buyer;
14.1.4 the Buyer suspends trading, ceases to carry on business, or threatens to do either; or
14.1.5 the Buyer, (being an individual) dies or ceases to be capable of managing his own affairs.
14.2 On termination of the Contract for any reason:
14.2.1 the Buyer will within 5 Business Days pay all invoices from Timloc then outstanding;
14.2.2 Timloc will, within 20 Business Days, invoice the Buyer for all Goods delivered but not yet invoiced and the Buyer will pay such invoice within a further 10 Business Days (unless the invoice is disputed in good faith);
14.2.3 the accrued rights and liabilities of the parties will not be affected; and
14.2.4 any clauses which expressly or by implication are to survive termination will do so.
14.3 If any Insolvency Event occurs then, without prejudice to any other right or remedy available to Timloc, Timloc shall also be entitled to cancel the Contract or suspend any further deliveries under the Contract (or any other contract) without any liability to the Buyer, and if the Goods have been delivered but not paid for, the price of the Goods shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

15 | Anti-Bribery and Anti-Corruption
15.1 Timloc shall:
15.1.1 comply with all applicable laws and regulations relating to anti-bribery and anti-corruption including the Bribery Act 2010 ("Relevant Requirements");
15.1.2 promptly report to the Buyer any request or demand for any undue financial or other advantage of any kind received by Timloc in connection with the performance of the Contract;
15.1.3 upon request, certify to the Buyer in writing signed by an officer of Timloc, compliance with this clause 15 by Timloc and all persons associated with it. Timloc shall provide such supporting evidence of compliance as the Buyer may reasonably request.
15.2 Timloc shall use reasonable efforts to procure that any person associated with Timloc who is performing relevant services in connection with this Contract does so only on the basis of a written contract which imposes on and secures from such person terms equivalent to those imposed on Timloc in this clause 15 ("Relevant Terms").
15.3 For the purposes of this clause 15 a person associated with Timloc includes any subcontractor of Timloc.

16 | Anti-slavery
16.1 Each party undertakes, warrants and represents that:
16.1.1 neither it nor any of its officers, employees, agents or subcontractors has:
16.1.1.1 committed an offence under the Modern Slavery Act 2015 (a "MSA Offence"); or
16.1.1.2 been notified that it is subject to an investigation relating to an alleged MSA Offence or prosecution under the Modern Slavery Act 2015; or
16.1.1.3 is aware of any circumstances within its supply chain that could give rise to an investigation relating to an alleged MSA Offence or prosecution under the Modern Slavery Act 2015;
16.1.2 it shall comply with the Modern Slavery Act 2015; and
16.1.3 it shall notify the other party immediately in writing if it becomes aware or has reason to believe that it, or any of its officers, employees, agents or subcontractors have breached or potentially breached any of the obligations under this clause 16, such notice to set out full details of the circumstances concerning the breach or potential breach of its obligations.

17 | General
17.1 The parties are independent businesses and not principal and agent, partners, or employer and employee.
17.2 If any part of the Contract is found by a court, tribunal or other administrative body of competent jurisdiction to be unenforceable or invalid for any reason, that provision is to be severed from the Contract and the remaining provisions of the Contract will otherwise remain in full force.
17.3 Notices under the Contract will be in writing and sent to the address set out in the Order Acknowledgment unless an alternative address is specified by either party for this purpose. Notice may be given, and will be deemed received:
17.3.1 by first-class post: two Business Days after posting; or
17.3.2 by hand: on delivery.
17.4 No delay, act or omission by Timloc in exercising any right or remedy will be deemed a waiver of that, or any other, right or remedy.
17.5 Any member of Timloc's group of companies from time to time may enforce any of the provisions of the Contract as if it were a party to it. Except as otherwise provided in this clause 17.6, this Contract is not enforceable by any third party under the Contracts (Rights of Third Parties) Act 1999 or otherwise. All rights which exist or are available apart from that Act are not affected.
17.6 In the event of conflict, the Order Acknowledgment shall prevail over the terms of these Conditions.
17.7 From time to time, Timloc may, at its discretion, agree particular terms in writing with a Buyer by way of a trading agreement or similar. In the event that any such trading agreement is agreed in writing then the same shall operate to vary these terms strictly only to the extent as agreed by Timloc in writing and in the event of any conflict between these Conditions and the terms of any particular trading agreement, the latter shall prevail. The Contract constitutes the entire agreement between the parties in relation to its subject matter. No other terms apply except to the extent that Timloc may agree any other terms with the Buyer as referred to in this clause 17.8.
17.8 The Contract will bind and benefit each party's successors and personal representatives.
17.9 The Contract will be governed by the law of England and Wales. Disputes will be submitted to the exclusive jurisdiction of the courts of England and Wales except with respect to matters of enforcement in which case the jurisdiction of the English courts shall be non-exclusive.

Timloc Building Products

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Edition 2