

# The **WYKAMOL** Catalogue

The **COMPLETE PRODUCT GUIDE**  
for restoration and waterproofing  
including **THOR HELICAL** structural  
repair systems.

Anything you need-

**0845 400 6666**  
**[www.wykamol.com](http://www.wykamol.com)**



**Leading the way with reliability  
and cost effectiveness.**



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**Welcome to Wykamol** – market leader in the development and supply of products for the remedial treatment industry for more than 80 years.

In 1934, our founder, Stanley Richardson was called to help with a deathwatch beetle infestation at Winchester Cathedral. Stanley recognised a niche for a company that could develop and manufacture chemicals to treat and protect against decay and insect attack; and soon Wykamol was born.

The decades since have seen Wykamol consistently lead the way in specialist treatments and solutions for rising, penetrating and condensation damp; dry rot; woodworm infestations; structural repair and more.

Using our state-of-the-art, in-house laboratory, we develop products that not only perform superbly, but are safe to use, and minimise environmental impact. Ours is the industry's most diverse product portfolio, and our continuous investment into pioneering new ranges and the ongoing evolution of established mainstream products, means Wykamol is destined to stay at the top.

Today, the Wykamol Group incorporates Stanhope Chemicals Ltd. – another leading light in the remedial market, acquired in 1996 – and Lectros International Ltd., which was bought in August 2000.

We boast a diverse client base, ranging from contractors to local authorities, and we are always happy to advise architects, builders, and homeowners on specific projects and their particular requirements. Our nationwide network of Accredited Contractors offers peace-of-mind guarantees, backed up by independent insurance. And, as you'd expect of Wykamol, great service comes as standard!

For the most complete customer experience and reliable range of remedial solutions around, Wykamol has it all.

#### **Investing in the future**

Wykamol has been at the forefront of remedial product development since being established more than 80 years ago.



Throughout our history, we have continuously invested to further the capability of our products and improve our service to customers, and 2016 is no different.

We are proud to have been an exclusive UK manufacturer since our inception, and this year sees us expand our Lancashire headquarters with an £850k investment into a brand new extension, housing our brand new powder processing and bagging plant.

The state-of-the-art facility is the latest in a series of forward-thinking Wykamol ventures, which also includes our own in-house product development laboratory.

The fully automated plant has enabled us to carry out more of our manufacturing operations in-house, making us more efficient in the process. We are even able to produce customers' bespoke powder formulations, specific to their own requirements.

Products manufactured at the plant include cement waterproofing powders, thermal renders, specialist

structural grouts and more. And with our next-day UK carrier service, Wykamol could be the key to keeping your customers happy.

Wykamol is always expanding its overseas activities and adding new distributors around the globe. We're proud of our part in protecting and preserving the world's heritage, overseas and here in the UK.





# Damp Proofing

Rising damp is a common problem, either because no damp proof course (DPC) has been installed, or because a physical membrane has failed or been 'bridged'. In the majority of cases the provision of a remedial DPC is a cost effective solution with minimal disturbance.

The range of damp proofing systems offered by Wykamol is unique within the field of property restoration. Our products are incredibly diverse and innovative.

At the cutting edge of product development in this field comes ULTRACURE™ - a new diffusion cream system for all types of walls.

All our chemical DPC systems are suitable for use in accordance with BS 6576 and are manufactured under our ISO 9001:2015 QA scheme.



**Ultracure™** is a unique silicone emulsion cream for injection into brickwork for the control of rising dampness. **Ultracure™** can be used in all types of masonry without the use of high pressure equipment. The cream is delivered by hand pressure only from a simple displacement pump and injector lance into a series of holes drilled into the mortar course. From here it migrates rapidly into the masonry pores where the injection cream reverts to a liquid phase and polysiloxanes are formed in situ.

During the curing period a low molecular-weight silane vapour is also produced giving excellent migration through the wall. Curing of the DPC starts immediately with the final cure taking 2 - 6 weeks depending on wall thickness.

Extensive field experience with this technology demonstrates that **Ultracure™** will perform as well as any conventional liquid injection system against rising damp.



## ULTRACURE - 1 Litre

Ultracure™ is a unique silicone emulsion cream for injection into brickwork etc. for the control of rising dampness. Ultracure™ can be used in all types of masonry without the use of high pressure equipment.

**PRODUCT CODE: ULTRA 1**

Colour: White

Pack Size: 1 Litre

Box Qty: 8



## ULTRACURE - 380cc

**PRODUCT CODE: ULTRA400**

Colour: White

Pack Size: 380cc

Box Qty: 10



## ULTRACURE - 3 Litres

**PRODUCT CODE: ULTRA 3**

Colour: White

Pack Size: 3 Litres

Box Qty: 1



## ULTRACURE - 380cc Kit

The kit includes 8 tubes of Ultracure™ 380cc, an applicator gun, a pair of safety gloves and a 12 x 300mm and a 12 x 160mm sds drill bits.

**PRODUCT CODE: ULTRA400 - 8 KIT**

Colour: White

Pack Size: 8 x 380cc

Box Qty: 1





# ultracure

DAMP-PROOF CREAM



## ULTRACURE - 1 LITRE KIT

The kit includes 8 tubes of Ultracure™ 1 litre, an applicator gun including nozzle, a pair of safety gloves and a 12 x 300mm and a 12 x 160mm sds drill bits.

PRODUCT CODE: ULTRA 1- 8 KIT 

Colour: White  
Pack Size: 8 x 1 Litre  
Box Qty: 1

# The UK's No.1 DPC Cream!



### 400CC CARTRIDGE GUN

This is a heavy duty 400cc mastic gun for using, with the 400cc Ultracure™ tubes. Easy to use and ideal for small areas.

PRODUCT CODE: ULTRA GUN

Colour: Black Pack Size: 1 Box Qty: 1



### 1 LITRE CARTRIDGE GUN

This is a heavy duty professional applicator gun for use with our 1 litre Ultracure™ tubes. It has a heavy duty spring and trigger mechanism.

PRODUCT CODE: DRY GUN

Colour: Black and Red Pack Size: 1 Box Qty: 1



### 1 LITRE CARTRIDGE NOZZLE

A professional nozzle to go with the 1 litre Ultracure™ tubes, using brass and non hardening hose this nozzle is built to last there is a bend in the pipe work to allow the nozzle to be used at an angle for ease of use.

PRODUCT CODE: DRYTNOZ

Colour: Brass

Pack Size: 1

Box Qty: 1



### ULTRACURE NOZZLE

Cheaper alternative than the brass nozzle, and can be used with the 1 litre cartridges. Easily cleaned out after installations.

PRODUCT CODE: PNOZZ

Colour: Clear

Box Qty: 1



### ULTRACURE APPLICATOR

A professional applicator for use with DPC creams, this applicator takes 5 litres of cream and with the pump action can be used for periods of time without backing off pressure, like hand operated devices. Ideal for larger amounts of DPC applications.

PRODUCT CODE: ULTRASLAPP

Colour: Clear

Box Qty: 1

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# DPC Chemicals

**Wykamol** offers the most comprehensive range of chemicals to cure rising damp, many with BBA accreditations. The range includes water based chemicals Silicate K and Microtech Pressure Injection Fluid.

This range of injectable damp proofing systems are backed up by our injection equipment which can be found on page 82.

Overall our DPC systems offer the contractor a one stop shop for damp proofing.



## SILICATE K - 3.6 LITRES

Silicate K is a clear, odourless concentrate of potassium methyl silicate. Once diluted with water the liquid is introduced in to predrilled holes by either transusion or low pressure injection to form a continuous chemical damp proof course.

**PRODUCT CODE: BRUSILK 3.6L**

Colour: Clear

Pack Size: 3.6 Litres

Box Qty: 4



## MICROTECH PRESSURE INJECTION FLUID - 1 LITRE

Microtech 'PI' is a self emulsifying silane/alkylalkoxy siloxane blended concentrate which produces a silicone micro emulsion (particle size ca. 50 nm) on dilution with water.

**PRODUCT CODE: MICROPFI 1L**

Colour: Brown

Pack Size: 1 Litre

Box Qty: 10

# Waterproofer

Integral Liquid Waterproofer is designed for use in render coats following the insertion of a damp proof course. The action of the waterproofer is to reduce the pore size in the render thus stopping the passage of water and ground salts to the surface.



## RENDERPROOF - 1 LITRE

Renderproof is an additive based on an alkaline soap mixed fatty acids, designed for use in sand/cement mixes following the insertion of a chemical DPC and in other waterproofing applications.

**PRODUCT CODE: RENDERPROOF 1L**

Colour: Pink

Pack Size: 1 Litre

Box Qty: 10



## RENDERPROOF - 5 LITRES

**PRODUCT CODE: RENDERPROOF 5L**

Colour: Pink

Pack Size: 5 Litre

Box Qty: 4

## RENDERPROOF - 25 LITRES

**PRODUCT CODE: RENDERPROOF 25L**

Colour: Pink

Pack Size: 25 Litre

Box Qty: 1



Damp Proofing



For all things

# WATERPROOF

0845 400 6666 [www.wykamol.com](http://www.wykamol.com)

**Order Line: 0845 400 6666** Monday-Friday 8.00am - 5.00pm



# Cavity drain membranes for dampness - above ground applications.

**Damp issues, such as rising damp or penetrating damp, cause problems and spoiled decorations to internal wall surfaces within the habitable space. A permanent solution is required to rectify these problems.**



## Why choose cavity drain membranes for above ground internal damp surfaces?

The major benefit is to prevent any moisture and salts affecting the internal wall finishes by providing a barrier between the damp wall and the new internal finish.

This, in turn, prolongs the life of the finished plaster by creating a barrier that salts and moisture cannot bypass, yet still allow the wall to breathe and natural evaporation of moisture from the substrate to occur.

These products are very sympathetic to building structures, are fully reversible and can be removed at a later stage: a requirement for listed buildings and heritage projects. They are also quick and easy to install.

For years, dense renders have caused condensation issues and have made damp walls less thermally efficient.

They are often found to be installed with the wrong plasters and incorrect specifications, contributing to long drying times, thus causing even more problems at later stages.



Cavity drain membranes offer the benefit of dry internal finishes that are quick drying yet still allow the dampness in the wall to evaporate, as well as being compatible with other remedial systems.

This high density polypropylene mesh allows renders and dot and dab systems to be applied to the surface of the membrane thus giving a better thermal quality finish for the householder as well as faster drying times.

Cavity drain membranes are sympathetic to a seemingly endless list of host materials, including stone, brick, or cob. They also boast impressive thermal insulation curdentials.

These membranes are also very useful for flooded properties and in such situations, allow householders to move back into their properties quicker than where conventional render systems are used, requiring longer drying periods to remove moisture from the walls.



These products can be used in all situations above ground, and we have even supplied products on multi-storey buildings to isolate dampness in walls and create dry finishes where external remedial measures are not possible; due to heritage situations or restrictions on the use of certain building materials, for example.

## How easy are they to install?

Membrane systems are very easy to install by simply drilling a hole through the membrane into the host material and fixing a specialist self-sealing plug into the hole.

These plugs hold the membrane tight to the wall so renders and plasterboard can fix. Various size plugs are available for different thicknesses of wall and these fixings are again made of polypropylene so no thermal bridge is caused.

## Heritage projects

We mentioned earlier that membranes are ideal for heritage projects, English Heritage likes these products due to the fact that they can be physically removed at a later stage to get back to the wall structure - for inspection or if other works are needed at a later date, for example.

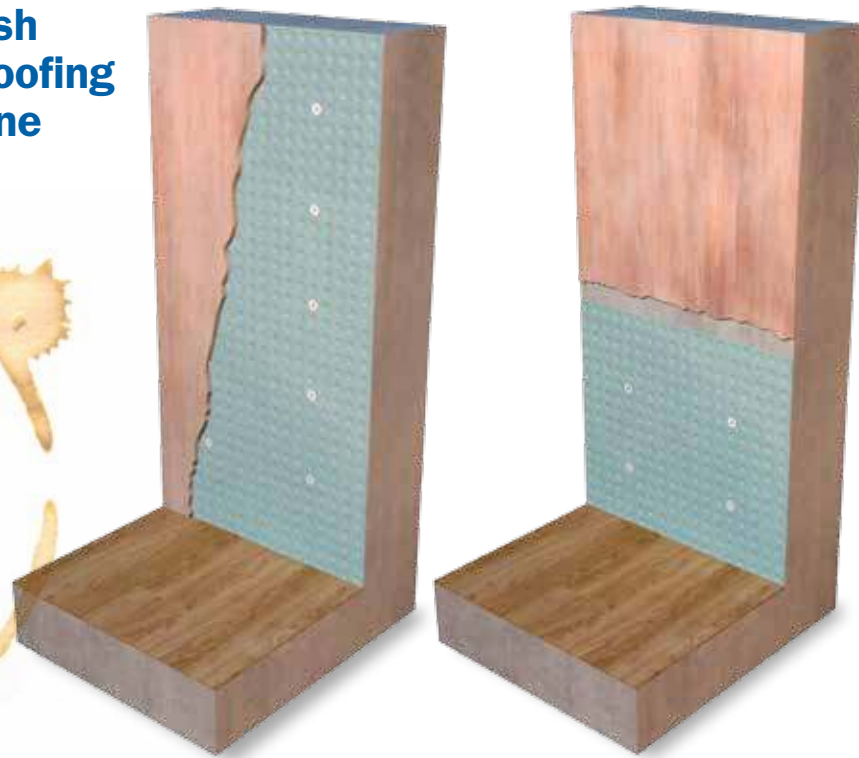
In these projects specialist renders are normally specified, which sometimes are not compatible with salt-contaminated walls. Membranes are ideal as again heritage renders can be used on these products. Because the cavity membrane allows the wall to breathe, this really is not a problem.

As you can see, there are many benefits to these systems for above ground dry lining situations.





## ECO mesh Waterproofing membrane



### ECO MESH

Impermeable and resistant to the usual chemicals in the building construction. Studs are formed in a regular pattern on one face of the product, with a polypropylene mesh on the other side.

ECO Mesh membrane is tough but pliable and can be easily cut with a knife or scissors. Rolls of the product should be stored upright over long periods, and preferably under cover.

Damp proof membrane for walls suitable for rendering, plastering or dot-and-dab dry lining.

#### PRODUCT CODE:

**KMESHEC01X10**

**KMESHEC01X20**

**KMESHEC02X20**

Colour: Blue

Roll Size: 1m x 10m,  
1m x 20m, 2.0 x 20m

### KEY BENEFITS

**Can create a dry habitable living space in areas previously suffering from damp/wet conditions. Little to no damage to existing structure.**



## Wykamol GROUP LIMITED TECH·SPEC

- Raw material: PP
- Sheet thickness: Nominal 0.50mm
- Stud height: Approx. 2.0mm
- Construction height: Approx. 2.5mm
- Unit weight: 0.505 kg/m<sup>2</sup>
- Working temperature: Max. +60°C
- Softening temperature: +160°C
- Linear coefficient of thermal expansion: 0.18mm/m°C
- Water vapour resistance: 250m equivalent air layer
- Life Expectancy: At least 50 years for defined applications.
- Colour: Blue/Translucent
- Mesh colour: White

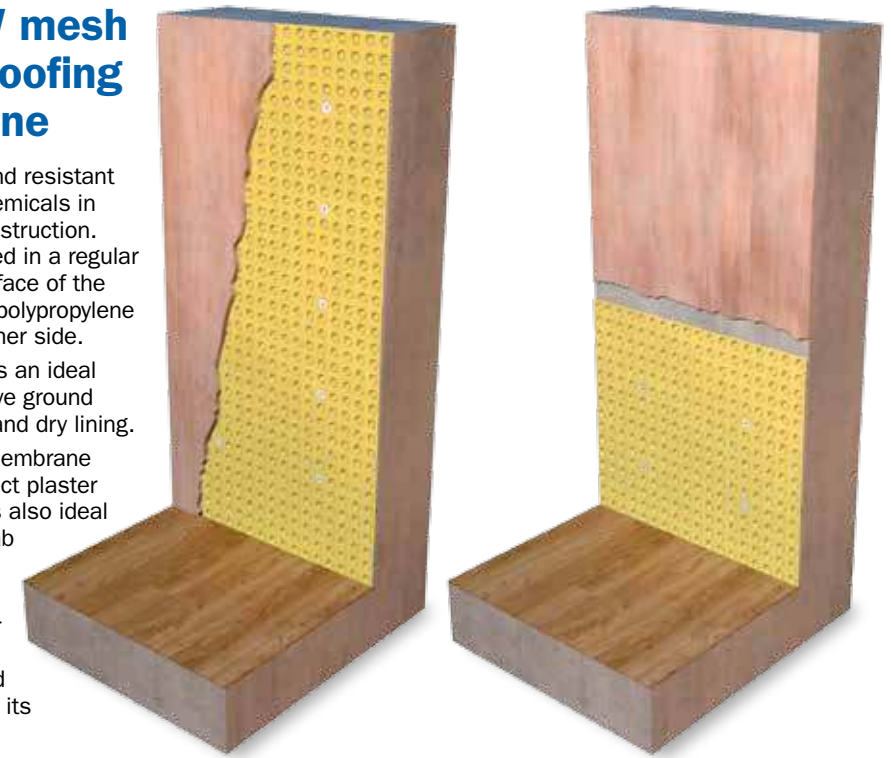
## YELLOW mesh Waterproofing membrane

Impermeable and resistant to the usual chemicals in the building construction. Studs are formed in a regular pattern on one face of the product, with a polypropylene mesh on the other side.

Slimline Mesh is an ideal product for above ground damp proofing and dry lining.

High strength membrane allows for a direct plaster finish but this is also ideal for a dot and dab plaster board finish.

Can be used for wet-rooms and can even be laid on floors due to its high strength.



### KEY BENEFITS

**Can create a dry habitable living space in areas previously suffering from damp/wet conditions. Little to no damage to existing structure.**

#### PRODUCT CODE: KMESHYELL

Colour: Yellow

Roll Size: 1m x 10m,  
1m x 30m, 2.0 x 30m

## Wykamol GROUP LIMITED TECH·SPEC

#### CORE PRODUCT:

- Resin: HDPE
- Colour: Yellow
- Area weight: 500 g/m<sup>2</sup>  
DIN EN 12127
- Dimple height: 3 mm
- Dimple spacing: 2,500/m<sup>2</sup>
- Compressive strength: 320 kN/m<sup>2</sup> EN ISO 25619-2

#### MESH:

- Resin: PE
- Area weight: 45 g/m<sup>2</sup>  
DIN EN 12127
- Tensile strength: 400 N/5 cm EN ISO 13934-1
- Elongation: >10 % EN ISO 13934-1

#### COMPOSITE:

- Area weight: 550 g/m<sup>2</sup>  
EN ISO 9864
- CE certificate - Yes  
EN ISO 13967

#### GENERAL:

- Service temperature range: -40 to +80 °C
- Storage: Protect from UV radiation
- Physiological properties: Resistant to a wide range of chemicals, resistant to fungus and bacteria attack, impervious to root penetration, rot proof.



# Tanking Products and Alternative Damp Proof methods

In a lot of instances when installing a damp proof course, there are issues with differing ground levels and also flood related problems, in these circumstances, a cement based coating or a membrane along with a DPC system will be necessary.

Wykamol offer various solutions to deal with these problems, if you are unsure as to what to use or need a site visit please do not hesitate to contact head office to arrange a site visit with a technical representative.



**Wykamol**  
GROUP LIMITED  
**BEST  
SELLER**

## HYDRADRY TANKING 25 KG

Wykamol HydraDRY is a cementitious compound designed for application to the internal surfaces of walls and the associated solid floors of cellars, basements and other areas below ground level and subject to penetrating dampness.

**PRODUCT CODE: HYDRA**

Colour: Grey

Pack Size: 25kg



## AQUASTOP TANKING GREY 25 KG

Aquastop Tanking is a slurry applied treatment used in the control of lateral penetration of water in walls below ground level. Aquastop Tanking is not sulphate resisting.

**PRODUCT CODE: TANKGREY**

Colour: Grey

Pack Size: 25kg



## HYDRAPLUG 5 KG

Wykamol HydraPLUG is a cementitious quick-setting compound which is mixed with water and applied as a putty. It can be used to provide anchor sites for wall fixings and to stop active water leaks.

**PRODUCT CODE: HYPLUG**

Colour: Grey

Pack Size: 5kg



## FILLET SEAL MORTAR 25 KG

Fillet seal mortar is a cement based, rapid curing non shrink hydraulic setting powder. Used at points of stress i.e. floor/wall or wall/wall junctions and applied normally by trowel.

**PRODUCT CODE: WYKFILLET**

Colour: Grey

Pack Size: 25kg



## RENOVATING PLASTER 25 KG

Wykamol Renovating Plaster is a pre-mixed lightweight plaster containing perlite aggregate and water repellent additives. Suitable for use following the insertion of a damp proof course or in conjunction with basement systems such as HydraDRY or Aquastop Tanking.

**PRODUCT CODE: RENPLA**

Colour: Grey

Pack Size: 25kg



## SBR LATEX 5 LITRES

Wykamol SBR Latex improves the chemical and water resistance of cementitious mixes and is recommended for use in effluent tanks, dairies, food factories, fertiliser stores etc. It is also an excellent waterproof bonding agent.

**PRODUCT CODE: SBR5L**

Colour: White

Pack Size: 5 Litres

Box Qty: 4



## SALT NEUTRALISER 5 LITRES

Salt Neutraliser, an aqueous solution based on acetic acid with a surfactant, has been specifically developed to overcome the problem of salts in mineral building surfaces and is suitable for a wide range of substrates from new plaster work to old stone.

**PRODUCT CODE: SNEUT**

Colour: Clear

Pack Size: 5 Litres

Box Qty: 4

**Not sure what you need? Speak to our  
FULLY TRAINED STAFF**



# Coverage Rates

## Ultracure

Ultracure	380 cc	Drill 12 mm diameter holes at centres no greater than 120 mm			
	1 Litre				
	3 Litres				
		<b>Wall thickness</b>	115mm 4.5"	230mm 9"	45mm 13.5"
		<b>Depth of hole</b>	100mm	210mm	320mm
		<b>Ultracure/10m</b>	0.9L	1.9L	2.9L
		<b>Allow 10% wastage</b>			

## DPC Chemicals

Siliconate K	3.6 Litres 25 Litres	2.5 - 3.5 L / m run of 230 mm wall
Microtech PIF	1 L	Approximately 3.5 L per metre run of 225mm (9") wall

## Waterproofers & Additives

Renderproof		1 L Integral Waterproofer No. 2 / 25L gauging water  If sand is wet, increase the strength of the gauging solution to ensure an addition rate of at least 1L Integral Waterproofer No. 2 / 50 Kg cement ( approx. yield 0.14 m³)
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## Tanking Products

Aquastop Tanking Grey	25kg	<b>Surface Type</b>	<b>1st Coat</b>	<b>2nd Coat</b>
		Coarse surface	2.0kg/m²	2.0kg/m²
		Smooth surface	1.5kg/m²	1.5kg/m²
		External	1.5kg/m²	1.5kg/m²
Hydradry Tanking	25kg	<b>Surface Type</b>	<b>1st Coat</b>	<b>2nd Coat</b>
		Coarse surface	3.0kg/m²	3.0kg/m²
		Smooth surface	1.5kg/m²	1.5kg/m²
		External	1.5kg/m²	1.5kg/m²
Hydraplug	5kg	---		
Fillet Seal Mortar	25kg	15-20 linear m²/25kg bag		
Renovating Plaster	25kg	3-4m²/25kg bag @ 10mm thick		
SBR Latex	5 Litres 25 Litres	Variable		
Salt Neutraliser	5 Litres	Varies with type of surface and substrate 1 L concentrate should treat 5 -10m²		



**Need to know more?**  
**Ask about Wykamol**  
**TRAINING Courses**  
More details on P.92-93



# The Lectros system

The system introduces a very small and perfectly safe electric charge into the wall just above ground level through a series of titanium anodes inserted into the brickwork. Its effect is to repel the rising moisture molecules down the walls and harmlessly back into the ground. As long as this tiny positive charge is maintained the protected walls remain dry and totally free of damp. Installation is neat and quick. A series of small holes are drilled in the outside masonry just above ground level, and tiny anodes inserted, linked by a special connecting wire which is 'pointed' into the wall. The finished result is virtually invisible and the disruption is minimal.

The Lectros system has the following benefits:

- **Chemical free**
- **Permanently guards against the dangers of rising damp**
- **Protects property of any age or structure**
- **Simple to install with little disturbance to building structure**
- **Immediately effective**
- **Virtually indestructible (self healing)**
- **Can be fitted with monitoring system for added peace of mind**
- **20 year fully insurance backed Guarantee**



Before system installation - rising damp



Reversing rising damp - after installation

The Lectros system has been installed in over 250,000 properties across the world since 1978. Below are some examples of the huge variety of buildings the system has been installed into to prevent rising damp. Architects across the world specify the system, which is particularly effective in difficult conditions, such as rubble filled walls, stone walls and highly porous brickwork where traditional injected DPC's are ineffective. All this backed by a 20 year fully insurance backed guarantee.



University of Manchester



Ripley Castle



Markenfield Hall



Cottages

## DAMPROOFING ANODES

With the extensive use of commercially pure titanium coated with a platinum group element, this ensures outstanding reliability and resistance to physical and chemical attack.

**PRODUCT CODE:**  
**ANODES**

**Colour:** Metal

**Pack Size:** 25



## LONG DAMPROOFING ANODES

specialist anode for walls over 2 feet thick

With the extensive use of commercially pure titanium coated with a platinum group element, this ensures outstanding reliability and resistance to physical and chemical attack.

**PRODUCT CODE:** LONGANODES

**Colour:** Metal

**Pack Size:** 25



## DAMPROOFING POWER UNIT

The heart of the system: The robust Lectros power unit is automatically adapted to the degree of dampness in the wall. The electrical voltage remains constant and thus guarantees an optimal drying process.

**PRODUCT CODE:** PUNITS

**Colour:** Black

**Pack Size:** 1



## DIGITAL DIAGNOSTIC POWER UNIT

A monitoring system which can monitor the current the system is taking as well as the back wall charge, and the amps this is an ideal unit for checking the performance of the system as well as giving up to date readings.

**PRODUCT CODE:** DIGDIAGPU

**Colour:** Black

**Pack Size:** 1

# NEXT DAY Delivery- ASK FOR DETAILS\*

\*Geographical restrictions apply, please ask for details.

**Order Line: 0845 400 6666** Monday-Friday  
8.00am - 5.00pm





#### DAMPPROOFING PLAIN TITANIUM WIRE

The plain titanium wire is used as a connecting wire, to span doorways and openings, and to connect back to the power unit.

**PRODUCT CODE: PTW**

Colour: Metal

Pack Size: Multiples of 10 metres



#### DAMPPROOFING CRIMP CONNECTORS

Crimps are used to connect the plain titanium wire together, and must be crimped properly to allow a current to travel between wires. They are available in packs of 10 or 20.

**PRODUCT CODE: CRIMPS**

Colour: Metal

Pack Size: 10



#### RED SLEEVING (PER MT)

The red sleeving is used to isolate the wire, from metallic fixtures.

**PRODUCT CODE: REDSLEEVING**

Colour: Red

Pack Size: Multiples of 10 metres



#### EARTH ROD WITH CLAMP

The earth rod and clamp is used to create an earth for the Lectros system, the rod must be placed at least 1 metre away from the nearest anode.

**PRODUCT CODE: ERODCLAMP**

Colour: Copper

Pack Size: 1



#### EARTH WIRE 1.5MM (PER MT)

The earth wire is used to connect onto the earth rod and allows a current to travel to earth.

**PRODUCT CODE: EARTHWIRE**

Colour: Yellow/Green

Pack Size: Multiples of 10 metres



#### GREEN SLEEVING (PER MT)

The green sleeving is used to isolate the wire, from electrical currents.

**PRODUCT CODE: GREENSLEEVING**

Colour: Green

Pack Size: Multiples of 10 metres



#### CRIMPING TOOL

The crimping tool is an essential part of the system designed to fit the crimps on to the Titanium.

**PRODUCT CODE: CRIMPTOOL**

Colour: Red/Yellow

Pack Size: 1



#### LECTRO LYTE GROUT

Lectrolyte grout is a highly conductive grout used to fill the holes following an installation of the lectros system.

**PRODUCT CODE: LECTROGROUT**

Colour: White

Pack Size: 1



**SURFACE Treatments**  
**See PAGES 72-77**

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**Need it quick?**  
**Order TODAY Get it TOMORROW!\***

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# Timber Treatments

Our traditional building methods combined with a predominantly damp, temperate climate causes the UK housing stock to suffer some of the highest levels of risk from insect and fungal attack to structural timbers. It is considered 'good practice' in building design to pretreat timber with preservatives as a lifetime precaution against dry rot or woodworm.

Unfortunately, most traditional buildings (and a lot of relatively modern ones too) do not have the benefit of such protection and this, combined with poor maintenance, leads to many cases of timber decay being identified during housing surveys.

The Wykamol range of remedial wood preservatives and masonry biocides include some of the long-standing quality brand names in the UK market.

In more recent times we have launched the Lignum range bringing revolutionary water-based technology to the remedial market and Wykabor products using inorganic borates for low intervention treatments.

Whatever your timber treatment needs, we can offer the most up-to-date products combining low hazards with effectiveness in use.



**LIGNUM PRO TIMBER TREATMENTS** offer solutions to the professional user of timber treatment products under the new **European Biocidal Products Regulations**. This range of concentrated products offer the convenience and the flexibility required by the professional user whilst ensuring superior product performance backed by efficacy.



## **Lignum Pro D156** **Fungicide & Insecticide 1 Ltr concentrate**

- Eradicates Wood boring insects and prevents re-infestation
- Prevents fungal decay & blue stain
- Certified to European & Industry standards
- Microemulsion water based formulation
- Zero VOC's
- Quick drying
- Non flammable
- BS EN Standards

**PRODUCT CODE: LIGPROD156**

**Pack Size: 1 Litre**



## **Lignum Pro I62.5** **Insecticide 1 Ltr concentrate**

- Eradicates Wood boring insects and prevents re-infestation
- Certified to European & Industry standards
- Microemulsion water based formulation
- Zero VOC's
- Quick drying
- Non flammable
- BS EN Standards

**PRODUCT CODE: LIGPRO162.5**

**Pack Size: 1 Litre**



## **Lignum PRO GEL** **Ready to use Fungicide & Insecticide**

- Kills wood boring insects and prevents re-infestation
- Protects against wood rotting fungi
- Certified to European & Industry standards
- No drips, no odour, does not evaporate.
- Excellent adhesion and penetration into wood
- Excellent efficiency
- No re-entry time
- Does not stain or discolour wood
- Supports any subsequent finishing
- Non-flammable
- BS EN Standards

**PRODUCT CODE: LIGPROG**

**Pack Size: 300 ml**





#### LIGNUM UNIVERSAL WOOD PRESERVER 5L

##### Ready to use universal wood preservative

- Eradicates Wood boring insects and prevents re-infestation
- Prevents fungal decay & blue stain
- Interior and Exterior Use
- Certified to European & Industry standards
- Microemulsion water based formulation
- Zero VOC's
- Quick drying
- Non flammable
- BS EN Standards

**PRODUCT CODE: LIGWPS**

Pack Size: 5 Litres



#### LIGNUM WOOD PRESERVER 5L

##### Ready to use woodworm killer

- Eradicates Wood boring insects and prevents re-infestation
- Interior Use
- Certified to European & Industry standards
- Microemulsion water based formulation
- Zero VOC's
- Quick drying
- Non flammable
- BS EN Standards

**PRODUCT CODE: LIGWPS**

Pack Size: 5 Litres



#### LIGNUM WOODWORM KILLER 5L

##### Ready to use wood preservative

- Prevents fungal decay
- Prevents attack by wood boring insects
- Interior and Exterior Use
- Certified to European & Industry standards
- Microemulsion water based formulation
- Zero VOC's
- Quick drying
- Non flammable
- BS EN Standards

**PRODUCT CODE: LIPWWK5**

Pack Size: 5 Litres



#### WYKABOR DB 6 LITRES

Wykabor DB is a 34% w/w (410 g/litre) glycolborate formulation based on disodium octaborate tetrahydrate (10% w/w on dilution). It is specially formulated to give free-flowing characteristics and spontaneous mixing on dilution with water.

**PRODUCT CODE: WYK DB**

Concentrate - makes 25 Litres

Colour: Clear

Pack Size: 6 Litres



#### MICROTECH BIOCIDES 1 LITRE

Microtech Biocide is a unique formulation containing 'Polyphase' (a carbonate fungicide) for the control of dry rot (*Serpula lacrymans*) in walls and the removal and prevention of moulds, algae, mosses and lichens from interior/exterior surfaces.

Concentrate - makes 25 Litres

**PRODUCT CODE: MTBIO1LT**

Colour: Clear

Size: 1 Litre

Qty: 12



#### BRUNOSOL CONCENTRATE 4.2 LITRES & 25 LITRES

Brunosol Concentrate 6X is a water soluble surface biocide based on Sodium 2-phenyl phenoxide for use in the treatment of masonry and brickwork for dry rot (*Serpula lacrymans*).

**PRODUCT CODE: BRUCNC 4.2L**

**PRODUCT CODE: BRUCNC 25L**

Concentrate - makes 25 Litres

Colour: Brown

Pack Size: 4.2 Litres and 25 Litres

Box Qty: 4



#### WYKABOR 5 LITRES & 25 LITRES

Wykabor 10 is an aqueous wood preservative and is based on disodium octaborate and benazalkonium chloride. Suitable for the eradication of common furniture beetle and other wood boring insects in building timbers.

**PRODUCT CODE: WYKBOR 10 5LT**

**PRODUCT CODE: WYKBOR 10 25LT**

Colour: Blue

Pack Size: 5 Litres and 25 Litres

Box Qty: 4



#### WYKABOR 20 GEL 5 LITRES

Wykabor 20 Gel is a special boron-based, brushable and injectable gel for use in high risk areas to treat against dry and wet rot as well as wood destroying insects.

**PRODUCT CODE: WYKBOR20GEL**

Colour: Clear

Pack Size: 5 Litres



#### WYKABOR 40 - 400CC

Wykabor 40 is a glycol-based wood preservative formulation containing disodium octaborate, designed for use by injecting into larger dimension timbers to protect against boring insects and fungal decay.

**PRODUCT CODE: WYKBOR40**

Colour: Clear

Pack Size: 400cc

Box Qty: 25



## BORON RODS

Boron Rods are cylindrical implants composed entirely of anhydrous boric oxide. They contain the maximum level of borate preservative available in rod form (1kg of Boron Rods yields 1.7kg boric acid when dissolved).

For use as a wood preservative to control wood rotting fungi and wood boring beetles in new and existing structural and joinery timbers. The preservative is mobilised when exposed to dampness (wood moisture content greater than 35% w/w).

The rods come in 3 sizes :8mm x 24mm, 8mm x 65mm, 12mm x 100mm.

**PRODUCT CODE: BOR 8 X 24**

**PRODUCT CODE: BOR 8 X 65**

**PRODUCT CODE: BOR 12 X 100**

Colour: Clear

Pack Size: 10

Qty: 1

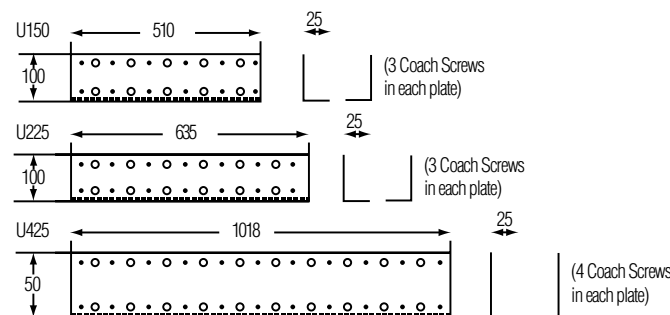
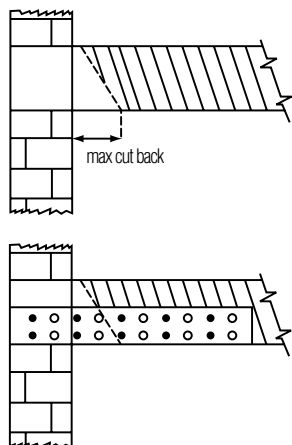
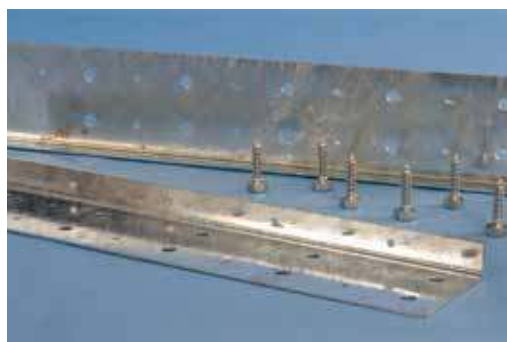


## WYKAMOL BOWER BEAMS

Any joist or beam end in direct contact with a wet wall will eventually succumb to fungal attack and decay (rot) thus losing its strength, it may even break.

Should this happen the problem of replacement is expensive and time consuming. NOT ANY MORE!!! The BOWER BEAM, manufactured in 2mm KHR steel to BS4360 by Wykamol and protected by their SUPAGALV finish, in excess of BS2989, can be used to effect a quick, cheap and easy but secure and long lasting replacement. Independent tests have shown that the BOWER BEAM is capable of withstanding loads in excess of the design loads of the wooden joists they are supporting which will in turn, be isolated from the source of the dampness and further risk.

**PRODUCT CODES: U150, U225, U425 AND VL100**



# Get the right TOOLS

# See PAGES 84-87

[www.wykamol.com](http://www.wykamol.com) Email: [info@wykamol.com](mailto:info@wykamol.com)



## Timber Treatments

# Coverage Rates

Timber Treatments	Pack Size	Dilution	Coverage																
Lignum Pro D156	1 Litre	1L + 24L water 2L + 23L water	200ml/m <sup>2</sup> (1L per 5m <sup>2</sup> ) 100 - 300ml/m <sup>2</sup> (1L per 3.3 - 10m <sup>2</sup> )																
Lignum Pro 162.5	2 Litres	1L + 24L water	Preventative: 200ml/m <sup>2</sup> (1L per 5m <sup>2</sup> ) Curative: 300ml/m <sup>2</sup> (1L per 3.3m <sup>2</sup> )																
Lignum Pro Gel	300ml	RTU	Preventative: 100 - 200ml/m <sup>2</sup> (1L per 5 - 10m <sup>2</sup> ) Curative: 250ml/m <sup>2</sup> (1L per 4m <sup>2</sup> ) Injection: 30kg/m <sup>2</sup>																
Lignum Universal Wood Preserver	5 Litres	RTU	Preventative insecticide & preventative fungicide (rot & stain) Apply at 200ml/m <sup>2</sup> (1L per 5m <sup>2</sup> ) Preventative & Curative: 100 - 300ml/m <sup>2</sup> (1L per 10m <sup>2</sup> )																
Lignum Wood Preserver	5 Litres	RTU	200ml/m <sup>2</sup> (1L per 5m <sup>2</sup> )																
Lignum Woodworm Killer	5 Litres	RTU	Preventative: 200ml/m <sup>2</sup> (1L per 5m <sup>2</sup> ) Curative: 300ml/m <sup>2</sup> (1L per 3.3m <sup>2</sup> )																
Microtech Biocide	1 Litre	Makes 25L	1L/2 - 5 m <sup>2</sup> , 10 L/m <sup>3</sup> (diluted solution)																
Brunosol Concentrate	4.2 Litre 25 Litres	Makes 25L	1L/2 - 5 m <sup>2</sup> , 10 L/m <sup>3</sup> (diluted solution)																
Wykabor 10	5 Litre 25 Litres	RTU	Brush/Spray: 1L/4 m <sup>2</sup> of wood surface By dipping (timber): 5 - 20L/m <sup>3</sup> (depends on timber dimensions etc)																
Wykabor DB	6 Litres	Makes 25L	1 L / 3 - 4 m <sup>2</sup> (timber) 1 L / 2 - 4 m <sup>2</sup> 10 L / m <sup>3</sup>																
Wykabor 20 Gel	5 Litres	RTU	By brush: 1L/2 - 2.5 m <sup>2</sup> of timber surface. Large dimensional timbers may need more than one coat or additional treatments with Wykabor 20 Gel. By injection: Apply as necessary or until refusal through predrilled holes.																
Wykabor 40	400 cc Cartridge	RTU	Approx. 5 Kg / m <sup>3</sup> Drilling holes on edge of beams. Holes of 10 - 12 mm diameter should be drilled at intervals of 150 mm along the grain and to within 30 - 75 mm of the full depth of the timber (see table). Inject the Wykamol 40 to within 30 mm of the near face and seal with timber dowling or plastic plugs.																
<table> <tr> <th>Timber Drill Dimensions mm</th><th>Drill Hole Depth mm</th><th>No. of Rows</th><th>m / Cartridge Approx</th></tr> <tr> <td>100 x 50</td><td>70</td><td>1 (Central)</td><td>20</td></tr> <tr> <td>225 x 75</td><td>175</td><td>2 (500mm spacing)</td><td>7</td></tr> <tr> <td>300 x 150</td><td>225</td><td></td><td>2</td></tr> </table>				Timber Drill Dimensions mm	Drill Hole Depth mm	No. of Rows	m / Cartridge Approx	100 x 50	70	1 (Central)	20	225 x 75	175	2 (500mm spacing)	7	300 x 150	225		2
Timber Drill Dimensions mm	Drill Hole Depth mm	No. of Rows	m / Cartridge Approx																
100 x 50	70	1 (Central)	20																
225 x 75	175	2 (500mm spacing)	7																
300 x 150	225		2																

**Order Line: 0845 400 6666** Monday-Friday 8.00am - 5.00pm



# Waterproofing Solutions

**Basement conversions are increasingly popular and here at Wykamol we have everything you need to complete the job. The key to success in any below-ground conversion project is to ensure the area is completely waterproof – which is where Wykamol's expertise becomes invaluable.**

With over 80 YEARS EXPERIENCE in the market place we can supply everything you need to ensure a successful job. We have a complete range of treatments, waterproof membranes, sump pumps and drainage systems.

All this means that once neglected dank and mouldy basements can be transformed into wonderful cosy living areas. Clearly, when working below ground the quality and durability of materials is extremely important, which is why we offer a system backed up by BRITISH BOARD OF AGRÉMENT.

Whatever system you go for, the technical and sales staff at Wykamol will always be happy to help you create dry, habitable rooms out of formerly overlooked basements. Using the complete Wykamol range can produce incredible results.

Data sheets on all the products can be obtained separately by calling **0845 400 6666**, or visit our website at **www.wykamol.com** to download them.



## Membranes

Structural Waterproofing



**Wykamol's high quality Cavity Drainage membranes provide an air gap between the membrane and the wall, which allows any free water to run behind it.** The membrane is mechanically fixed to the original sound wall surfaces then overlaid with treated battens or other framing systems, on to which plasterboard can be fixed. In some circumstances the battens can be omitted and plasterboard and membrane fixed using special plastic plugs, alternatively a wet plaster could be applied.

Wykamol has an extensive range of membrane types, from shallow studded 'Slimline' profiles to deep cavity (20mm) flooring products which allows a wide variety of situations to be dealt with providing tailored solutions. The final choice of membrane is determined by two factors: 1, the finish required and 2, the anticipated flow rate.

Since the introduction of the British Standard for waterproofing structures below ground (BS 8102:2009) the use of cavity drain membranes has become the most popular form of structural waterproofing in the UK. Wykamol systems can easily deal with aggressive ground water conditions, where basements are liable to flooding, or indeed where simple dampness, contamination or salting problems are prevalent.





# NEW-BUILD



## SUREPROOF

### New-build waterproofing membrane

**SUREPROOF** is a high performance, cold applied, flexible waterproof membrane incorporating a cross-laminated HDPE carrier film with a strong adhesive polymer modified bitumen compound.

The adhesive surface is protected by a disposable paper interleaving, wider than the membrane for easy release during application.

To ensure correct sealing at overlaps there is a double-sided adhesive strip along the edges covered by a separate interleaving strip.

**SUREPROOF** should be laid in accordance with the provisions of BS 8102:2009. Where **SUREPROOF** is used as a floor DPM there should be continuity with the wall DPCs and other DPMs used in the structure. If methane presence is suspected, a comprehensive site survey should be carried out and Wykamol's technical department contacted to advise on suitability of **SUREPROOF**.



## TECH-SPEC

- Thickness: 1.50mm
- Length: 19.05m
- Width: 1.05m
- Mass: 1650 g/m<sup>2</sup>
- Roll weight: 33kg
- Water tightness to liquid water: (60 kPa) - pass
- Resistance to static load: Kg ≥ 20
- Tensile properties: Maximum tensile stress CD N/mm<sup>2</sup> ≥ 2.5
- Tensile properties: Maximum tensile stress MD N/mm<sup>2</sup> ≥ 2.5
- Tensile properties: Elongation at break MD % ≥ 130
- Tensile properties: Elongation at break CD % ≥ 130
- Durability of water: Tightness against ageing (60 kPa) - Pass
- Durability of water: Tightness against chemicals (60 kPa) - Pass
- Resistance to impact: ≥ 500 mm
- Resistance to tear: (nail shank) CD N ≥ 100
- Resistance to tear: (nail shank) MD N ≥ 100
- Reaction to fire: Euroclass class F
- Joint strength: N ≥ 30
- Water vapour transmission: (density flow rate) g/(day/m<sup>2</sup>) 0.09
- Water vapour transmission: (resistance factor, μ) μ 220000

**PRODUCT CODE: SUREPROOF**

Colour: Black

Roll Size: 1.05m x 19.5m

### KEY BENEFITS

- Resistant to ground water, soluble sulphates and chlorides
- Suitable for waterproofing basements grades 2 and 3 as defined in BS 8102:2009, 'Protection Of Structures Against Water From The Ground'
- Cross-laminated HDPE film for protection against damage
- Dimensionally stable
- Tough and flexible; ideal for detailing around corners
- Self-adhesive layer system makes installation easy, quick and reliable



SUREPROOF in a wall application



Structural Waterproofing



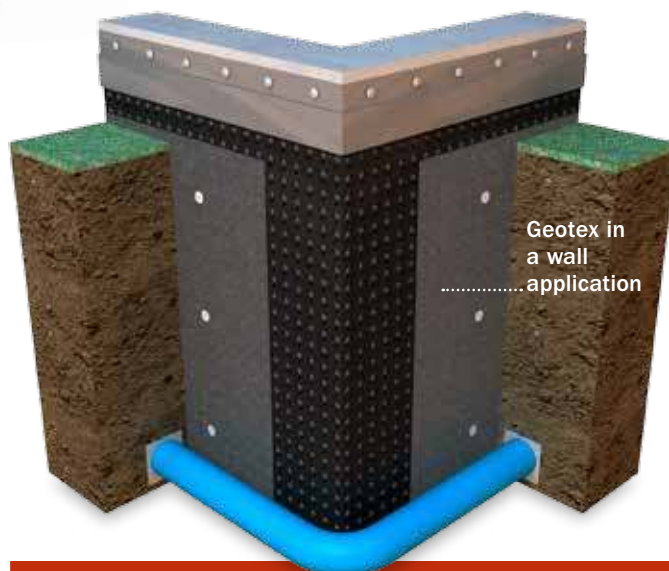
# NEW-BUILD

## GEOTEX External

Wykamol **Geotex** is a twin-layered cavity drain membrane designed to manage ground water to the land drain, relieving pressure from the structure. In below-ground waterproofing applications, the primary function of Wykamol **Geotex** is to divert water away from the structure. It can also act as a barrier against ground gases, like Radon and Methane.

Wykamol **Geotex** is typically used to isolate and protect the structure from the surrounding soil and relieve hydrostatic pressure by promoting the flow of ground water away from the face of the structure. Wykamol **Geotex** provides excellent protection from root penetration, and can also increase the structure's thermal insulation.

Typical installations include external tanking, retaining walls, podium decks, and green roof applications.



Geotex in a wall application

### KEY BENEFITS

- Suitable for use with all construction types
- Drains off water before reaching the waterproof coating
- Combined drainage and protection board
- Easy handling, rapid installation
- Rugged, durable construction with thermal insulation benefits
- Filtration layer prevents silting-up
- High drainage capacity
- Allows back-filling with excavated earth
- Withstands stress and movement in the background

## Wykamol GROUP LIMITED TECH·SPEC

- Material: Layer 1 - HDPE  
Layer 2 - PP
- Weight: 900 g/m<sup>2</sup> (22.5kg per roll)
- Studs: Height 8mm, spacing 1860 m<sup>2</sup>
- Drainage: 4.6 Lt/sec/m, 276 Lt/min/m, 16,600 Lt/hour/m
- Permeability: Geotextile transmission rate: 100 Lt/m<sup>2</sup>/sec
- Strength Compressive: 250 kN/m<sup>2</sup> (25 tonnes/m<sup>2</sup>)
- Temperature service range: -40°C to +80°C

### SAFETY

**Geotex** and associated materials are not classified as hazardous according to current labelling regulations but please note that care is required when working below ground in confined spaces and when using drills/hammers etc. in these circumstances.

### PRODUCT CODE: KGEOTEX

Colour: Black  
Roll Size: 2m x 20m

# BASEMENT

## CM8 - 8mm

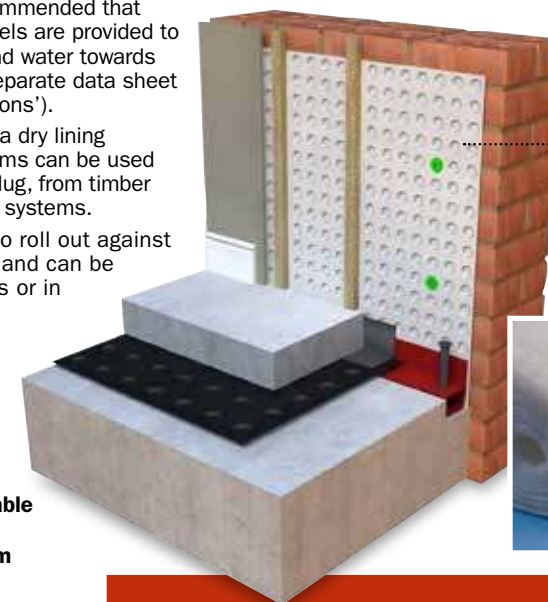
For use on walls, floors, vaults and tunnels with minimal surface preparation required. Also suitable for external foundation waterproofing and to provide insulated dry lining for walls above ground level that may not be suitable for conventional plaster finishes.

Wykamol **CM8** is a medium capacity drainage membrane (4 litres/m<sup>2</sup>) for floors and walls both above and below ground level. When used on basement floors it is recommended that perimeter drainage channels are provided to optimise the flow of ground water towards the sump location (see separate data sheet 'Wykamol Drainage Solutions').

Wykamol **CM8** is used in a dry lining application. Various systems can be used in the head of the fixing plug, from timber battens to steel dry lining systems.

This membrane is easy to roll out against wall and floor structures and can be fixed in horizontal lengths or in vertical strips.

This is our **most popular** membrane in basement waterproofing due to its universal ease of use.



CM8 in a wall application



### KEY BENEFITS

- Can create a dry habitable living space in areas previously suffering from damp/wet conditions
- Little to no damage to existing structure
- Quick to install: minimal preparation needed to wall surfaces, avoiding mess and saving time and money
- Easy to bend and cut with scissors to form around windows, doors, services etc.
- No delays to decoration as there is no drying process
- Waterproof, salt resistant, root resistant and contaminant resistant
- Low and high temperature tolerance

### PRODUCT CODE: CM8

Colour: Natural  
Roll Size: 2.05m x 20m  
2.4m x 20m



## Wykamol GROUP LIMITED TECH·SPEC

- Raw material: HDPE
- Sheet thickness: Nominal 0.50mm
- Stud height: Approx. 6.5mm
- Construction height: Approx. 7mm
- Unit weight: 0.45 kg/m<sup>2</sup>
- Deformation under long term loading: Max. 20% (at 50 kN/m<sup>2</sup>)
- Compressive strength: 150 kN/m<sup>2</sup>
- Working temperature: -10° to +60°C
- Softening temperature: +160°C
- Linear coefficient of thermal expansion: 0.18 mm/m.°C
- Water vapour resistance: 280 m equivalent air layer
- Air gap volume: 4.0 l/m<sup>2</sup>
- Drainage capacity: Approx. 3.8 l/sm
- No. of studs: Approx. 1640 per m<sup>2</sup>
- Life expectancy: At least 50 years for defined applications
- Colour: Natural

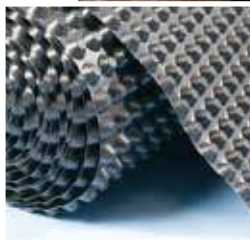
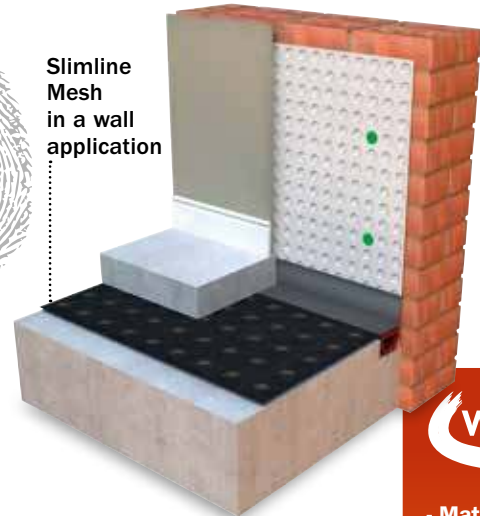


## BASEMENT CM20 HIGH CAPACITY

For use on walls, floors, vaults and tunnels with minimal surface preparation required. Also suitable for external foundation waterproofing and to provide insulated dry lining for walls above ground level that may not be suitable for conventional plaster finishes.

Wykamol **CM20** is the highest drainage capacity membrane in the CM range giving a void volume of 14 litres/m<sup>2</sup>. Suitable for use on floors and walls in very wet situations or where the large stud height is desired to maximize insulation values. When used on floors **CM20** can normally be installed without the need for perimeter drainage channels and, when overlaid with concrete, the large diameter studs will give high point load resistance capabilities (180 kN/m<sup>2</sup>) to support load-bearing walls built off the slab.

Slimline Mesh in a wall application



**Wykamol** GROUP LIMITED **TECH·SPEC**

### KEY BENEFITS

- Fast to install and lay
- Internal load bearing walls can be built on the membrane once screed is added
- High water movement capacity
- Various floor finishes can be used on top of the membrane
- Can be used with various drainage systems
- Resistant to all salts and contaminants
- Can be used with all insulation floor systems

- Material: Recycled HDPE
- Colour: Black
- Area weight: Approx. 1,000 g/m<sup>2</sup>
- Thickness: Approx. 0.9 mm
- Available widths: 2m
- Roll length: 20m
- Dimple height: 20mm
- Number of dimples: Approx. 400 per m<sup>2</sup>
- Void volume between dimples: Approx. 14 l/m<sup>2</sup>
- Drainage capacity: Approx. 10 l/s m
- Approx. 600 l/min m
- Approx. 36.000 l/h m

- Compressive strength: Approx. 240 kN/m<sup>2</sup> (24 t/m<sup>2</sup>)
- Tensile strength: approx. 14.5 kN/m (EN ISO 10319)
- Elongation at maximum strength: Approx. 68%
- Service temperature range: -40°C to +80 °C
- Physiological properties: Non-polluting for drinking water

**PRODUCT CODE: K20**

Colour: Black

Roll Size: 2m x 20m



## BASEMENT KONTRACT MESH

Dimpled sheeting with plastic mesh welded on, suitable as a damp-proof base for plaster or shotcrete, e.g., as a seepage layer in tunnel construction, or for repairing basements internally.

- Water entering through walls is contained behind membranes and directed to drainage at base of wall.
- Suitable to provide Type C drained protection to Grade 3 or Grade 4 environment for residential or commercial use, in conjunction with adequate heating and ventilation.
- Requires sump and pump or equivalent passive water disposal system. (Sumps and pumps specified separately).

**PRODUCT CODE: KMESH 2 X 10**

Colour: Clear

Roll Size: 2m x 10m 20m<sup>2</sup>

**PRODUCT CODE: KMESH 2 X 20**

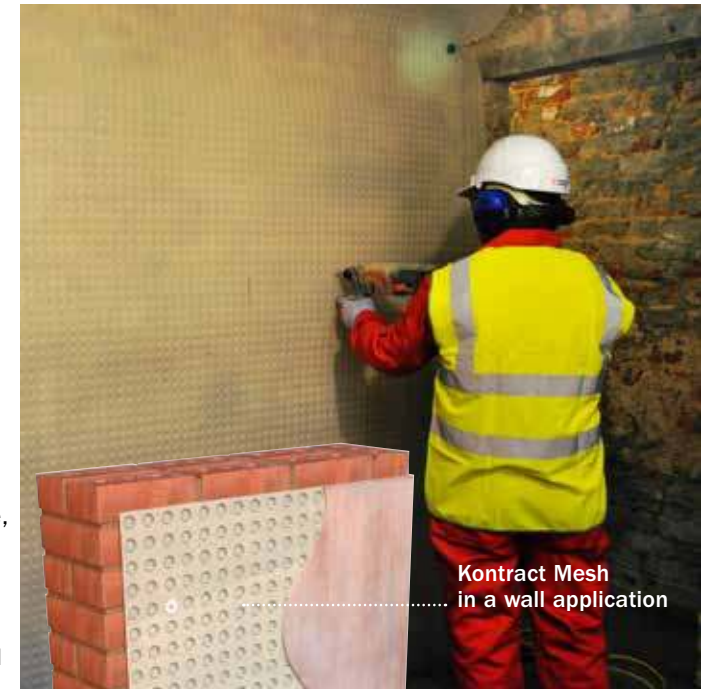
Colour: Clear

Roll Size: 2m x 20m 40m<sup>2</sup>

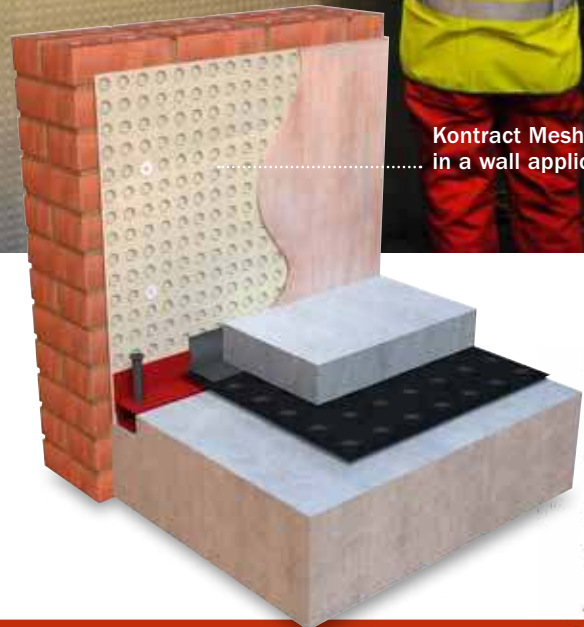


### KEY BENEFITS

- Stud height 8 mm, drainage volume 5.5 litres/m<sup>2</sup>
- Sheet thickness 600\_μm, density 0.7 kg/m<sup>2</sup>
- Excellent low and high temperature stability
- 150 kN/m<sup>2</sup> load bearing capacity
- High durability and water resistance



Kontract Mesh in a wall application



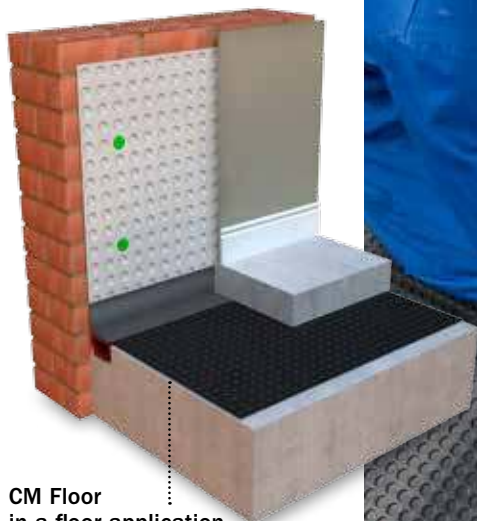
**Wykamol** GROUP LIMITED **TECH·SPEC**

- Colour: White
- Weight: (kg) 28.00kg
- Raw material: High density polyethylene
- Thickness: 0.60mm
- Stud height: 8.00mm
- Compressive strength: N/A
- Wall and soffit membrane only

- Thermal resistance: 0.078m<sup>2</sup> K/W
- Vapour permeability: 0.046g/m<sup>2</sup> x hr x mmHg
- Thermal conductivity: 0.461 W/m K
- Air volume between studs: 5.51 l/m<sup>2</sup>/s
- Drainage capacity: 4.61 l/m<sup>2</sup>/s



## BASEMENT CM FLOOR



CM Floor  
in a floor application

For use on walls, floors, vaults and tunnels with minimal surface preparation required. Also suitable for external foundation waterproofing and to provide insulated dry lining for walls above ground level that may not be suitable for conventional plaster finishes.

Wykamol **CM Floor** is a low profile membrane (3 mm studs), specially designed for fast-track sealing of damp concrete at ground floor level. There is no need for the extensive surface preparation normally required with liquid DPM systems (epoxies etc.) and no curing times before floor finishes can be applied. It may also be used on basement floors where the low stud height is critical to maintain ceiling clearance and special measures can be taken to ensure the floor drains freely via drainage channels both around and across the floor.

**PRODUCT CODE: CMFLOOR**  
**ROLL SIZE 42m<sup>2</sup>**

Colour: Black  
Roll Size: 2.07m x 20m



### KEY BENEFITS

- Stud height 3mm, drainage volume 1.56 litres/m<sup>2</sup>
- Excellent low and high temperature stability
- 300 kN/m<sup>2</sup> load bearing capacity
- High durability and water resistance



## Wykamol TECH·SPEC

- Resin: HDPE
- Colour: Black
- Area weight: 500 g/m<sup>2</sup> DIN EN 12127
- Thickness: Approx. 0.45mm
- Dimple height: 3mm
- Dimple spacing: 2,500 pcs/m<sup>2</sup>
- Air gap (between dimples): 3.6 l/m
- Compressive strength: 320 kN/m<sup>2</sup> EN ISO 25619-2

- Service temperature range: -40 to +80 °C
- Storage: Protect from UV radiation
- Physiological properties: Resistant to a wide range of chemicals, resistant to fungus and bacteria attack, impervious to root penetration, inert to drinking water, rot proof

## BASEMENT SLIMLINE MESH

Dimpled sheeting with plastic mesh welded on, suitable as a damp-proof base for plaster or shotcrete, e.g., as a seepage layer in tunnel construction, or for repairing basements internally.

- Suitable for applied plaster finish or plasterboard on adhesive dabs.
- Water entering through walls is contained behind membranes and directed to drainage at base of wall.
- Suitable to provide Type C drained protection to Grade 3 or Grade 4 environment for residential or commercial use, in conjunction with adequate heating and ventilation.
- Requires sump and pump or equivalent passive water disposal system. (Sumps and pumps specified separately).

**PRODUCT CODE: KMESHYELL**  
**ROLL SIZE 30m<sup>2</sup>**

Colour: Yellow  
Roll Size: 1m x 30m

**PRODUCT CODE: KMESHYELL2**  
**ROLL SIZE 60m<sup>2</sup>**

Colour: Yellow  
Roll Size: 2m x 30m or 1m x 10m



### KEY BENEFITS

- Stud height 3mm, drainage volume 1.56 litres/m<sup>2</sup>
- Excellent low and high temperature stability
- 300 kN/m<sup>2</sup> load bearing capacity
- High durability and water resistance



Slimline Mesh  
in a wall application

## Wykamol TECH·SPEC

### CORE PRODUCT:

- Resin: HDPE
- Colour: yellow
- Area weight: 500 g/m<sup>2</sup> DIN EN 12127
- Dimple height: 3mm
- Dimple spacing: 2,500/m<sup>2</sup>
- Compressive strength: 320 kN/m<sup>2</sup> EN ISO 25619-2

### MESH:

- Resin: PE
- Area weight: 45 g/m<sup>2</sup> DIN EN 12127
- Tensile strength: 400 N/5 cm EN ISO 13934-1

- Elongation: >10 % EN ISO 13934-1

### COMPOSITE:

- Area weight: 550 g/m<sup>2</sup> EN ISO 9864
- CE certificate yes EN ISO 13967

### GENERAL:

- Service temperature range: -40 to +80 °C
- Storage: Protect from UV radiation
- Physiological properties: resistant to a wide range of chemicals. Resistant to fungus and bacteria attack. Impervious to root penetration, rot proof



## BASEMENT



### ECO MESH

Impermeable and resistant to the usual chemicals in the building construction. Studs are formed in a regular pattern on one face of the product, with a polypropylene mesh on the other side.

ECO Mesh membrane is tough but pliable and can be easily cut with a knife or scissors. Rolls of the product should be stored upright over long periods, and preferably under cover.

Damp proof membrane for walls suitable for rendering, plastering or dot-and-dab dry lining.

#### PRODUCT CODE: KMESHECO

Colour: Blue

Roll Size: 1m x 10m,  
1m x 20m, 2m x 20m

### KEY BENEFITS

- Can create a dry habitable living space in areas previously suffering from damp/wet conditions
- Little to no damage to existing structure



## TECH·SPEC

- Raw material: PP
- Sheet thickness: Nominal 0.50mm
- Stud height: Approx. 2.0mm
- Construction height: Approx. 2.5mm
- Unit weight: 0.505 kg/m<sup>2</sup>
- Working temperature: Max. +60°C
- Softening temperature: +160°C
- Linear coefficient of thermal expansion: 0.18mm/m°C
- Water vapour resistance: 250m equivalent air layer
- Life Expectancy: At least 50 years for defined applications.
- Colour: Blue/Translucent
- Mesh colour: White



For all things

# WATERPROOF

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# Membrane Plugs

The most important part of any membrane system, are the fixings and jointing tapes. These parts of the system are critical and Wykamol is pleased to announce their systems are covered by BBA accreditation.

Our Plaster Plugs and Brick Plugs are also of the highest quality, and now include the new plugs with seals already attached to speed up installation times. For poor quality constructions, we have the Wykamol Cob Plug, which can be installed into all types of masonry to enable good fixing. Wykamol are confident that you will have confidence in the products that we supply.



## SUREFIX BRICK PLUGS WITH SEALS

Wykamol Surefix plugs are 10mm fixings to use with membrane systems, with the advantage of a rubber seal already attached they have a reinforced head for easy use and take a size 10 screw into the head of the plug, for battens or metal framing systems 60mm long these plugs will fit into all substrates.

**PRODUCT CODE: CMSUPERSEAL**

Colour: Green

Size: 10 x 60mm

Box Qty: 200



## CM PLASTER PLUGS

These plaster plugs can be used with our mesh membrane systems, they are available in 70mm and 50mm lengths they have a serrated head which can take plaster or dot and dab. They can also be used to secure membranes to walls in systems where a free standing frame is to be used.

**PRODUCT CODE: CMPLASPLG**

Colour: White

Size: 8 x 50mm - 8 x 70mm

Box Qty: 250



## CM PLASTER PLUGS

These plaster plugs can be used with our mesh membrane systems, they are available in 70mm length and have the advantage of a seal already attached. They have a serrated head which can take plaster or dot and dab. They can also be used to secure membranes to walls in systems where a free standing frame is to be used.

**PRODUCT CODE: CMPLASEALS**

Colour: White

Size: 8 x 70mm

Box Qty: 200



## SUREFIX BRICK PLUGS

Wykamol Surefix are 10mm fixings to use with membrane systems. They have a reinforced head for easy use and take a size 10 screw into the head of the plug, for battens or metal framing systems. At 60mm long, these plugs will fit into all substrates.

**PRODUCT CODE: TWSUPERPLUG**

Colour: Green

Size: 10 x 60mm

Bag Qty: 100



## PLUGS SEALS

A neoprene seal to go over the head of the plaster plug and brick plug to form a water proof seal when used in conjunction with membrane systems.

**PRODUCT CODE: WYKPLUGSEAL**

Colour: Black

Box Qty: 100



## COB PLUGS

These plugs are ideal to use where substrates will not take a normal fixing, ideal for cob construction as well as all other masonry types. They have a pin which is driven down the head of the plug to give a secure anchor for membrane systems.

**PRODUCT CODE: COB10/30**

**PRODUCT CODE: COB40/60**

**PRODUCT CODE: COB80/100**

Colour: White

Box Qty: 200



# Jointing Systems

The most important part of any membrane system, are the jointing tapes and seals. These parts of the system are critical and Wykamol is pleased to announce their systems are covered by BBA accreditation.



## WYKAMOL ROPE

A 10mm bead of butyl rope this rope is used to either wrap around the head of plugs in membrane installation, or to form a jointing waterproof seal on walls and floor membrane systems. This is a high quality rope and is covered by our BBA Certificate.

**PRODUCT CODE: WYKROPE**

Colour: Black

Size: 10mm x 5m

Box Qty: 1



## WYKAMOL CORNER

Our biggest selling tape, this 150mm wide tape has multi uses, but is mostly used to seal membrane from walls to floors and the channel system. Tacky on one side only this can also be used to overtape external joints, and can also be used on floor oversealing.

**PRODUCT CODE: WYKCSTRIP20**

Colour: Black

Size: 150mm x 20m

Box Qty: 1



## WYKAMOL TAPE

A high quality butyl double sided tape 28mm wide this tape is used in the installation of Wykamol cavity drain membranes and is used to tape 2 sheets of membrane together on walls or floors. Easy to use and very high quality HP600 grade make this a long term solution for all membrane work.

**PRODUCT CODE: WYKTAPE**

Colour: Black

Size: 28mm x 2mm x 22.5m

Box Qty: 1



## WYKAMOL FIBRE TAPE

Wykamol fibre tape is used to form a joint detail between cm plaster membrane also slimline mesh that can be plastered onto or dot and dab fixing, the fibres take most plaster types and form an excellent detail on joints.

**PRODUCT CODE: WYKFIBRE**

Colour: Black

Size: 115mm x 25m

Box Qty: 1



## WYKAMOL OVERSEAL

This is a 75mm overseal tape used to overseal membrane systems, it can be used on walls and floors and forms a overseal detail to form a vapour barrier and waterproof seal on external taped joints. Covered by our BBA Certificate.

**PRODUCT CODE: WYKOVER**

Colour: Black

Size: 75mm x 22.5m

Box Qty: 1



# NEXT DAY Delivery- ASK FOR DETAILS\*

\*Geographical restrictions apply, please ask for details.

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8.00am - 5.00pm**



When you need EFFECTIVE

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SOLUTIONS



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# Drainage Solutions & Battery Back-ups

**When installing Wykamol Cavity Drainage membranes careful attention must be given to provide a suitable drainage solution.**

Natural drainage is not normally possible or convenient in below ground situations, so mechanical drainage must be used.

Wykamol offer a large range of pumps for the control of water movement and can supply everything the contractor needs for flooded basements.

In certain instances a more powerful pump maybe required (greater height pumping capability) or a 2nd pump is required as a back up in case the first one fails.

Wykamol can advise the contractor in this instance what the correct pump would be for these situations.

## YELLOW SUMP KIT - DOUBLE

Twin pumping station, our top of the range sump system, built with a internal shelf to house 2 pumps if necessary, the unit has a extra thick 6mm wall, to stop any crushing when concreting in. Inlets can be positioned anywhere on the 4 flat faces of the system, multi-purpose unit that is the key.

**PRODUCT CODE:**  
**SUMPDOUBLE**

**Colour:** Yellow

**Dimensions:** 600mm x 600mm



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8.00am - 5.00pm





#### WYKAMOL SUMP KIT

The Sump kit is a ready to use complete water control system principally designed for use in below ground structures to control water ingress. The Sump kit system can be used for all basement conversions.

**PRODUCT CODE: SUMPKITBLACK**

Colour: Black

Dimensions: 600mm x 500mm



#### SUMP SEALS

The Wykamol sumps seals are 110mm and 50mm and are designed to give a sealed connection to the Wykamol sump flo chamber. These are easy to install and give a greater performance.

**PRODUCT CODE: SUMPSEAL110 / SUMPSEAL50**

Colour: Black

Dimensions: 110mm / 50mm



#### YELLOW SUMP KIT

Our top of the range sump system, built with an internal shelf to house 2 pumps if necessary, the unit has an extra thick 6mm wall, to stop any crushing when concreting in. Inlets can be positioned anywhere on the 4 flat faces of the system, multi-purpose unit that is the key.

**PRODUCT CODE: SUMPFLOKIT**

Colour: Yellow

Size: 600mm x 600mm



#### ALARM ONLY

A battery alarm which is included in the sump kits free of charge but is available separately. Care must be taken with this unit to make sure the battery is changed regularly.

**PRODUCT CODE: SUMPALARM**

#### SUMPGUARD

Sumpguard has been designed to monitor automatic sump pumps. It is wired in the power line to the pump. Also a built-in alarm relay, that can be used to signal a home automation system, house alarm or remote dialer.

**PRODUCT CODE: SUMPGUARD**



#### POWERSAFE

The PowerSafe® stores power in case of a mains power loss, protecting your property from flooding. Don't worry, the PowerSafe® is completely automatic!

The PowerSafe range of fully automatic battery back up systems are designed to offer your customer peace of mind for their basement drainage. The system can be used on single or dual pump configurations and is suitable for both groundwater and foul waste. It comes complete with a built in GSM telemetry for complete monitoring of your pumped drainage system (not available on the PowerSafe ECO).

The PowerSafe is suitable for installing either at the initial building stage, or retrofitting to existing buildings. The system comprises of a PowerSafe control panel, cable cover, battery holder and batteries (no. of batteries to be specified at time of order).

Suitable for All pumping stations (below and above ground).

**PRODUCT CODE: POWERSAFE**

Colour: Blue/White



Available in single or twin pump configurations

# HIGHLY TRAINED STAFF

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#### HIGH LEVEL ALARM MINI

A heavy duty powered alarm which can be extended to fit anywhere in the house for optimum use. This unit should be wall mounted and will notify clients of a possible high water level.

**PRODUCT CODE: SUMPHLA**

#### HIGH LEVEL ALARM MAXI

Top of the range alarm system, being powered and battery back up, if a loss of power happens the internal battery system will still operate a heavy duty powered alarm which can be extended to fit anywhere in the house for optimum use. This unit should be wall mounted and will notify clients of a possible high water level.

**PRODUCT CODE: SUMPHLAMAXI**



#### WYKAMOL PUMP 12.5

12 metre head and 240 litres a minute pumping capacity. Used for Automatic drainage of sumps, pits, shafts, yards and cellars subject to a flooding risk. Lowering the surface water level, this pump is our upgraded model and offers a more powerful delivery.

**PRODUCT CODE: PUMPNLY4**

#### WYKAMOL PUMP 6.8

7 metre head and 130 litres a minute pumping capacity. Used for Automatic drainage of sumps, pits, shafts, yards and cellars subject to a flooding risk. Lowering the surface water level, this pump is our standard pump in all our sump systems.

**PRODUCT CODE: PUMPNLY3**



#### BATTERY BACK UP KIT

The powerflo battery back-up system is designed especially for circumstances where the possibility of primary pump failure through either a pump fault or loss of mains power would be catastrophic. The system comprises of a control panel, 24V back-up pump, 3 no. float switches, non-return valve and an IP 66 rated junction box.

**PRODUCT CODE: POWERFLO**



#### SERVER BATTERY BACK-UP (UPS)

This battery back up system, has been designed for ease of use and works simply by wiring the mains pump into the server unit, in the event of a power failure the main units heavy duty battery will keep the pumps going for a long period of time, this system is quick and easy to install.

**PRODUCT CODE: BATBACK**

**Colour: Black**

# Channelling

As part of the Wykamol cavity drain membrane system, channels are a crucial part of the overall system, and are laid at wall floor junctions to remove any water entering the structure.

These channels are designed with pre-determined water entry points into the rear of the channel. They either come with a flange upstand system or flangeless, depending on the type of foundation that you will be working with. Wykamol can advise the contractor in this instance what the correct pump would be for these situations.



#### FLOOR DRAIN

Floor drain is a flangeless channel similar to waterguard, for controlling water movement to a sump chamber or drain, it has the benefits of no upstand which is ideal where stepped foundation footings would cause a problem, also the channel can also be used to drain across a floor centrally.

**PRODUCT CODE: FDCHANNEL**

**Colour: Grey Size: 2.2 Metre Lengths**



#### WATERGUARD - 2 METRE

Wykamol Waterguard is a P.V.C drainage conduit designed for the control of water ingress in below ground situations. Wykamol Waterguard is fitted around the perimeter of the floor at the vulnerable wall/floor junction.

**PRODUCT CODE: WGCHANNEL**

**Colour: Grey Size: 2 Metre Lengths**



#### WATERGUARD DRAINAGE OUTLET

The drainage outlet can be used to get water from the channels to the sump chamber or existing drain. The angle bend on the underside of the channel takes water through a 32mm connection.

**PRODUCT CODE: WGDRAINOUT**

**Colour: Grey**



#### FLEXI JETTING EYE

Jetting eyes and channel to sump connectors can also be fitted into the perimeter Waterguard drainage system to enable the Waterguard to be cleaned periodically if necessary.

**PRODUCT CODE: WGJETEXT**

**Colour: Grey / White**



#### WATERGUARD DRAIN END (LEFT OR RIGHT)

The drain end connector can be used to take water away through an external wall to lower level drainage ideal for houses built into a hill side where lower drainage is possible. This comes with either a left return or right return depending on where it is to be sited.

**PRODUCT CODE: WGDRAINENDL or WGDRAINENDR**

**Colour: Grey**



#### UNIVERSAL CHANNEL OUTLET

Aquadrain is a drainage channel which acts as a perimeter conduit bedded in at the wall/floor angle. Where appropriate, it can be laid under the slab to take ground water to a sump or soak away, and reduce floatation pressures from bearing on the slab.

**PRODUCT CODE: UCO**

**Colour: Black**



# Cementitious Waterproofing

The Wykamol group manufacture a range of cementitious tanking products, included in these are Hydradry and Aquastop suitable for waterproofing cellars boiler rooms and all suitable masonry and concrete structures below ground, Hydradry can resist hydrostatic pressure up to 5 metres head, and is suitable for use on saturated substrates' and potable water.

Hydraplug is a fast setting water plugs designed to stop active leaks instantly. Wykamol Fillet seal provides the perfect rapid curing non shrinking wall floor joint sealer to stop leaks at the most vulnerable area the wall floor construction joint. With a track record of success and performance.

The Wykamol range of structural waterproofing products will provide the ultimate solution to your tanking problems.



**HYDRADRY TANKING 25 KG**

Wykamol HydraDRY is a cementitious compound designed for application to the internal surfaces of walls and the associated solid floors of cellars, basements and other areas below ground level and subject to penetrating dampness.

**PRODUCT CODE: HYDRA**

Colour: Grey Pack Size: 25 kg



**HYDRAPLUG 5 KG**

Wykamol HydraPLUG is a cementitious quick-setting compound which is mixed with water and applied as a putty. It can be used to provide anchor sites for wall fixings and to stop active water leaks.

**PRODUCT CODE: HYPLUG**

Colour: Grey Pack Size: 5 kg



**AQUASTOP TANKING GREY 25 KG**

Aquastop Tanking is a slurry applied treatment used in the control of lateral penetration of water in walls below ground level. Aquastop Tanking is not sulphate resisting.

**PRODUCT CODE: TANKGREY**

Colour: Grey Pack Size: 25 kg



**FILLET SEAL MORTAR 25 KG**

Fillet seal mortar is a cement based, rapid curing non shrink hydraulic setting powder. Used at points of stress i.e. wall/floor junction and applied normally by trowel.

**PRODUCT CODE: WYKFILLET**

Colour: Grey Pack Size: 25 kg

## Cementitious Products

Aquastop Tanking Grey	25kg	<b>Surface Type</b> Coarse surface Smooth surface External	<b>1st Coat</b> 2.0kg/m <sup>2</sup> 1.5kg/m <sup>2</sup> 1.5kg/m <sup>2</sup>	<b>2nd Coat</b> 2.0kg/m <sup>2</sup> 1.5kg/m <sup>2</sup> 1.5kg/m <sup>2</sup>
Hydradry Tanking	25kg	<b>Surface Type</b> Coarse surface Smooth surface External	<b>1st Coat</b> 3.0kg/m <sup>2</sup> 1.5kg/m <sup>2</sup> 1.5kg/m <sup>2</sup>	<b>2nd Coat</b> 3.0kg/m <sup>2</sup> 1.5kg/m <sup>2</sup> 1.5kg/m <sup>2</sup>
Hydraplug	5kg	---		
Fillet Seal Mortar	25kg	15-20 linear m <sup>2</sup> /25kg bag		





# Sewage Systems

The Magna™ systems are a range of fully automatic packaged pumping stations specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install.

The systems are suitable for installing either at the initial building stage or retro fitting to existing buildings and can accept waste from a whole host of applications (WC, basin, sink, washing machines etc.).



#### POWERFLUSH MACERATOR

The Powerflush™ is a fully automatic macerator suitable for pumping waste from a complete bathroom to a higher level when gravity drainage is not possible or economical to install.

**PRODUCT CODE: POWERFLUSH**

Colour: White



#### AQUAFLUSH WASTE WATER PUMP

The AquaFlush™ is a fully automatic pumping system specifically designed for pumping grey water when gravity drainage is not possible or economical to install.

**PRODUCT CODE: AQUAFLUSH**

Colour: White



#### DRAINFLO 150 SEWAGE SYSTEM

A fully automatic packaged pumping station specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install. 150 litre storage capacity, complete with 50mm outlet pump.

**PRODUCT CODE: DRAINFLO150**

Colour: White



#### DRAINFLO 200 SEWAGE SYSTEM

A fully automatic packaged pumping station specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install. 200 litre storage capacity, complete with 63mm outlet pump.

**PRODUCT CODE: DRAINFLO200**

Colour: White



#### DRAINFLO 360 SEWAGE SYSTEM

A fully automatic packaged pumping station specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install. 360 litre storage capacity (depending on inlet level), complete with 2" outlet pump.

**PRODUCT CODE: DRAINFLO**

Colour: White

#### DRAINFLO 360 TWIN PUMP SYSTEM

A fully automatic packaged pumping station specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install. 360 litre storage capacity (depending on inlet level), complete with 2" outlet pumps.

**PRODUCT CODE: DRAINFLO360TWINPRO**

Colour: White



#### MAGNA 900 SINGLE

The system consists of a polyethylene tank, locking access cover, internal pipe work & fittings, control panel (if applicable), float switch/es and one or two submersible pumps. Specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install.

**PRODUCT CODE: DRAINFLO900**

Colour: White

#### MAGNA 900 DOUBLE

The systems consists of a polyethylene tank, locking access cover, internal pipe work & fittings, control panel (if applicable), float switch/es and one or two submersible pumps. Specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install.

**PRODUCT CODE: DRAINFLO900TWIN**

Colour: White



#### MAGNA 2000 SINGLE

The systems consists of a polyethylene tank, locking access cover, internal pipe work & fittings, control panel (if applicable), float switch/es and one submersible pumps. Specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install.

**PRODUCT CODE: DRAINFLO2000**

Colour: White

#### MAGNA 2000 DOUBLE

The systems consists of a polyethylene tank, locking access cover, internal pipe work & fittings, control panel (if applicable), float switch/es and two submersible pumps. Specifically designed for pumping foul and waste water when gravity drainage is not possible or economical to install.

**PRODUCT CODE: DRAINFLO2000TWIN**

Colour: White



# TIMBER TREATMENTS

## See PAGES 24-29

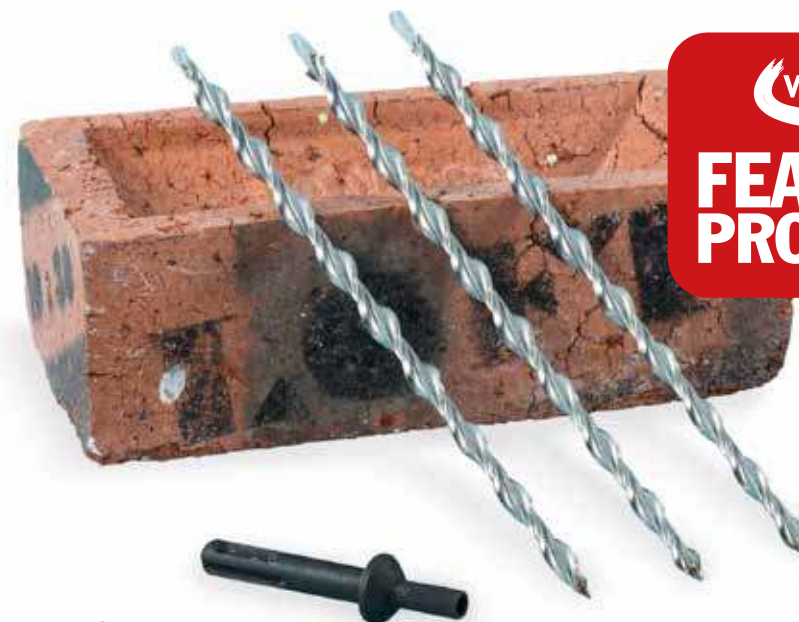


# Cavity Wall Ties

Wall ties are an essential element for the stability of a cavity wall structure, tying its weather protecting brick facade to the main body of a building. An effective brick tie system transfers static and live loads across the cavity, enabling load-sharing by both inner and outer walls. Typically cavity wall ties are bedded in a mortar bed joint as a building is constructed.

Cavity tie failure can be a consequence of a construction defect; for example where the original 'built-in' cavity wall ties have been omitted, incorrectly fixed or fitted with brick ties that are too short. Alternatively failure may be a result of a buildings aging process, whereby wall tie corrosion may have compromised the walls loadsharing capability.

Over time mortar joints, which host the wall ties, undergo a chemical change through carbonation. The mortar becomes aggressive to the base steel and its protective coatings, reducing the life expectancy of cavity tie systems to as little as 26 years. The design life of the building is typically much longer than this period and it therefore follows that at some point a remedial retrofit replacement of the brick ties may be necessary if the stability and load sharing capacity of the wall is to be maintained.



Wykamol  
GROUP LIMITED  
**FEATURE  
PRODUCT**

## CD TIE - 9MM

The all New CD tie is the fastest fixing wall tie in the market today. The unique fixing tool is cost effective and enables the tie to be fixed very easily. Available in 5 sizes all 9mm diameter by 180mm, 205mm, 230mm, 255mm, 280mm and 305mm in length.

PRODUCT CODE: CDT-180-50

PRODUCT CODE: CDT-205-50

PRODUCT CODE: CDT-230-50

PRODUCT CODE: CDT-255-50

PRODUCT CODE: CDT-280-50

PRODUCT CODE: CDT-305-50



## STAINLESS/NEOPRENE EXPANDING TIES

For brick and softer host substrates, all ties are 10mm in width and come in five sizes 175mm, 200mm, 213mm, 225mm, 250mm and 305mm.

PRODUCT CODE: PN1FX x 10 x 175

PRODUCT CODE: PN1FX x 10 x 200

PRODUCT CODE: PN1FX x 10 x 213

PRODUCT CODE: PN1FX x 10 x 225

PRODUCT CODE: PN1FX x 10 x 250

PRODUCT CODE: PN1FX x 10 x 305



## RESIN BONDED TIES

Resin bonded ties fitted with stainless steel backstop nuts, available in three sizes all bars are 5mm thick and come in 175mm, 200mm and 225mm lengths.

PRODUCT CODE: B/NUT/ORING175

PRODUCT CODE: B/NUT/ORING200

PRODUCT CODE: B/NUT/ORING225





### 12MM DRIVE PIN

The long-series 12mm diameter structural ties have twice the mass of any other self-tapping helical wall ties of similar design or function. They corkscrew into brick, block, limestone and concrete, when driven into an undersized pilot bore, to offer outstanding resistance to axial and shear loads.

Manufactured from marine grade stainless steel (AISI 316) and with a cross sectional area of 29mm<sup>2</sup>, the structural ties are ideal for tying solid façade walls at wall junctions, such as corners and party walls without the need for bonding agents. Simply drill the pilot holes at 450mm centres and drive ties in. The material cost of this 12mm dry-pinning system is similar to that of using traditional 8mm helical bars with a proprietary cement grout and much faster to install, offering substantial savings in labour, less disturbance and improved cleanliness.

### PRODUCT CODE:

**CDT-12-610, CDT-12-760, CDT-12-910,  
CDT-12-DRIVER**



### AUTO KEY

The auto key is a screwdriver attachment, for the installation of neoprene mechanical wall ties. This tool makes the tie installation very fast.

**PRODUCT CODE: AUTONEW**



### THOR CD FIXING TOOL

The new CD tie fixing tool is simplicity itself. An SDS adaptor is cut into the tool and the wall tie loads into the rebate.

**PRODUCT CODE: CDT - DRIVER**

**Wykamol**  
GROUP LIMITED

For all things

# DAMP PROOF

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**www.wykamol.com**



# Lateral Restraints

The Wykamol Group, under its Thor Remedial division, bring to market an engineered solution to enhancing lateral restraint through tying external walls to structural timbers and partition walls in a method that improves reliability, reduces cost and alleviates disruption to property owners or building occupiers.

Signs of bulging brickwork are often highlighted on houses where a middle section of a wall is pulling away from the main structure of the building.

The cause of such buckling walls is often due to the combination of excessive vertical loads and inadequate mechanical connection between perimeter walls and the main structure of the building, for example the timber joists, partition walls and party walls.



In older buildings that have no joist-hangers the timbers often sit into pockets in the masonry and rely purely upon friction to maintain their relative position to it.

When this frictional resistance is overcome by forces that encourage the wall outwards, the connection between the wall and the joist is lost, leaving the wall free standing and vulnerable.

In the past, means of arresting outward movement of the walls have included the insertion of intrusive heavy duty tie-bars and pattress plates.

Other methods of strengthening the walls connection with abutting structural timber

include the utilisation of lateral restraint straps or angle irons, often held in place by lightweight screws and plugs; both methods involve much internal upheaval and disruption as internal floorboards are lifted and plasterwork is disturbed.

Wykamol offer two types of lateral restraint products for reconnecting and strengthening bulging walls; one for tying perimeter walls to the more stable floor diaphragm structure or to stud walls and the other for strengthening the connection between the masonry façade and walls that run perpendicular to it, such as masonry partition walls and party walls.



## LATERAL RESTRAINTS

For Tying brickwork to side grain timber floor members. Requires SDS LRT install key and resin to bond to brickwork. Available in four sizes all 8mm diameter and 1000mm, 1200mm, 1500mm and 2000mm lengths.

**PRODUCT CODE: THLRT10**

**PRODUCT CODE: THLRT12**

**PRODUCT CODE: THLRT15**

**PRODUCT CODE: THLRT20**



### LATERAL RESTRAINTS SETTING TOOL

SDS setting tool for driving Lateral Restraint Ties into side of parallel floor joists, counter-sinking the remedial tie beneath the surface of the wall. Screws onto tie bar and fits into SDS drill. Driven into joists with hammer action disengaged.

**PRODUCT CODE: THLRTK**





# Crack Stitching

Masonry crack repair systems utilise crack stitching bars to enhance the tensile, flexural and shear capacity of cracked walls.

Cracks in walls are the direct result of movement beyond that which can be accommodated by the construction materials. Typically wall cracks where masonry is over-stressed and least restrained, such as at window and door openings or at corners. The movement that results in cracked walls is usually caused by variations in the moisture content of the masonry, or in the ground that supports it, temperature variations or by chemical reactions. Some movements are cyclic and reversible, many are permanent.



Wall cracks in masonry can be divided into three categories:

**ACTIVE** - (a crack which is increasing in width and/or length)

**PASSIVE** - (a crack which is no longer increasing in width or length)

**CYCLIC** - (a crack in a wall which opens and closes seasonally)

Unless the history of the building is known and the cracks can be classified into the passive or cyclic categories, ascertaining the type and cause of cracks can be difficult and may need the input of a structural engineer. Monitoring of the cracked brickwork over an extended period of time may be required before an appropriate masonry repair strategy can be determined.

Generally, wall cracks that are passive or cyclic can be reinforced by simple crack stitching and masonry repair techniques that improve the tensile and flexural strength of cracked walls such as to accommodate small and/or cyclic movements.

Bed joint reinforcement bars are bonded into mortar joints, at regular intervals, usually 300mm to 450mm apart, to tie the masonry on each side of the crack.

Mortar joints are simply raked out to form slots that extend 500mm either side of the wall cracks. Each slot is thoroughly wetted prior to the application of a proprietary cementitious bonding agent. A crack repair bar is pushed into the bonding agent such as to fully embed the rod and implement crack stitch repairs without costly rebuilding work and with minimum inconvenience to the occupants.

This effective system of masonry crack repairs fully restores the integrity of cracked walls to their pre-cracked state and allows the masonry to behave as a reinforced non-fractured unit.





## CRACK STITCHING PRODUCTS

Stainless steel crack stitching bars are roll profiled and cold worked to an ultimate tensile strength that is twice that of rebar, four times that of epoxy glass-fibre rods and seven times that of flat twisted plate [ref: BRE GBG 62].

Having a helical configuration the high tensile crack repair rods physically interlock with the bonding agent, exhibiting a unique and resilient torsional spring-like quality that allows small amounts of cyclic movement and recovery to occur without brittle failures.

The angular faces of the helix redistribute tensile forces over the reinforced area to stabilise the wall structure, making the walls tougher, stronger in flexure and tension and less likely to crack.

Cementitious masonry repair grouts are the preferred bonding agents for retrospective masonry crack repairs and reinforcement. The use of resins for structural repairs by crack stitching is discouraged unless the load potential on the rod is wholly axial (parallel to the helical rod).

When used as a full length rod-bonding agent, for repairing cracked walls, resins do not cope well with shear forces (perpendicular to the rod) and their use for masonry crack repairs should be avoided where there is cross-plane movement.



## THOR CRACK KIT

Masonry crack repair kit with everything needed for professional wall stitching repairs. Suitable for repairing cracks in brick, block and stone walls.

The Masonry Crack Stitching Repair Kit includes:

- 10 x 6mm x 1m stainless steel helical crack stitching bars
- 1 x 10kg tub of W60 masonry repair grout (yield=3Litres)

- 1 x Grout-Master applicator with Hi-Flo nozzle
- 1 x Mixer paddle
- 1 x Finger trowel

**PRODUCT CODE: THCRACKPAC**



### CRACK STITCHING BARS - 6MM

Thor crack stitch repair bars for masonry repairs & reinforcement of cracked walls. Available in four different lengths 1000mm, 1200mm, 2000mm and 7000mm all bars are 6mm in diameter.

**PRODUCT CODE: THBM6X1000F**

**PRODUCT CODE: THBM6X1200F**

**PRODUCT CODE: THBM6X2000F**

**PRODUCT CODE: THBM6X7000F** Sold in packs of 5 only (only available to Thor beaming contractors)



### HEAVY DUTY CRACK STITCHING BAR

Available in three sizes all 9mm diameter 1000mm, 1500mm, and 2000mm in length.

**PRODUCT CODE: THBM9X1000F**

**PRODUCT CODE: THBM9X1500F**

**PRODUCT CODE: THBM9X2000F**



# Crack Sealer Plus

Fills cracks from just 2mm wide

Wykamol Crack Sealer Plus is a 2-part thixotropic epoxy adhesive. It may be used in film thicknesses between 0.2mm and 12mm. **Wykamol Crack Sealer Plus** is specifically formulated for repairing fine cracks in brick, block, stone, concrete or masonry.

- Quick and easy to use brick adhesive
- Ideal for all types of cracked masonry
- Provides a waterproof seal
- Fills cracks from 2mm-12mm wide without injection ports
- Complements crack stitching for structural crack repairs

## APPLICATIONS

- Seal cracks in bricks, blocks, render and concrete
- Bond fractured masonry
- Fill fine cracks without injection ports



PRODUCT CODE:  
CRACKGREY  
CRACKRED

## FEATURES

- Two part non-shrink, epoxy resin injection system
- Gels rapidly and cures within 12 hours
- Combines with substrate to create high bond strength

- Reduces viscosity under injection pressure to fill micro cracks
- Flexible 2mm & 4mm injection nozzles for ultra-fine crack injection
- Available in GREY and RED



BEFORE



APPLY



AFTER



BEFORE



APPLY



AFTER



## PREPARATION

Cracks and fissures should be treated by air blower or vacuum in order to remove loose or friable dust. For detailed information on injection techniques and preparation, consult our Technical Bulletin and Technical Information Sheet.

## MIXING

Add the total contents of the smaller container (hardener) to the contents of the larger container (base). Mix the two pastes thoroughly, ideally using a mixing knife. Place the follower-plate onto the surface of the mixed material ensuring it fits parallel in the tub with the outer and central lip pointing upwards. Place the back end of the cartridge vertically and centrally over the hole in the follower-plate. Press the cartridge firmly and continuously down on the follower-plate until the follower-plate bottoms on the mixing tub base. Carefully remove and invert the now full cartridge. Assemble the nozzle adaptor and nozzle onto the cartridge and insert the rear plunger.





# Resins & Grouts

Wykamol are able to offer an excellent range of resins and grouts to suit all applications in wall tie replacement and masonry reinforcement.

The range features cement based grout W60 which has been independently tested by the Building Research Establishment, for use in masonry reinforcement. The polyester and epoxy resins are in easy to use tubes and come with mixer nozzles the range also includes all applicators, (see tools & equipment) to use these products.



## THOR W60 FLEXI GROUT 3 LITRES

A high performance masonry crack repair grout. Used to bond helical masonry reinforcement bars in wall panels for retrofit bedjoint reinforcement. A cement grout / polymer blend in 10kg tub and 5kg tub. Consists of powder component and liquid component, which when mixed yield 3lts of pumpable thixotropic masonry crack repair grout for bonding crack stitching components into concrete and masonry walls.

**PRODUCT CODE: THW60**



## THOR POLYESTER RESIN

High performance rapid curing chemical anchoring system based on polyester resin in styrene for external use. Packed in a two-part cartridges the components are mixed in the nozzle as the resin is dispensed. Provides a strong chemical resistant and cost effective system of setting fixings into concrete, brick and masonry.

**PRODUCT CODE: PE380-1**

**Colour:** Grey

**Size:** 380ml cartridge (inc Nozzle)



## THOR EPOXY ACRYLATE

A specially formulated Epoxy Acrylate/Vinyl Ester resin offering protection in damp holes and corrosive applications, as well as giving high loads in concrete. Easy to extrude. Short working and curing times. Ideal for close edge and spacing applications.

**PRODUCT CODE: THEA380**

**Colour:** Grey

**Size:** 380ml cartridge (inc Nozzle)



## THOR EPOXY RESIN

A two component pure epoxy resin system mixed through spiral mixer nozzles fitted to the cartridge. The components are colour coded for visual assurance that they are fully mixed. The product is solvent free, thixotropic, and cures in cold, damp conditions.

**PRODUCT CODE: THER400**

**Colour:** Grey

**Size:** 400ml cartridge (inc Nozzle)

# NEXT DAY Delivery- ASK FOR DETAILS\*

\*Geographical restrictions apply, please ask for details.



# Equipment

The Thor range of tools and equipment, uses the latest cutting edge technology from leading manufacturers as well as the best range of resin hand and pneumatic guns available in the market today. We also stock a dust-removal vacuum system, which can be connected to our norton wall chasing unit, along with various grout guns for our cement based grouts. And a range of surveying equipment ranging from borescopes to look into cavities to special metal detectors for locating and isolating cavity wall ties.



#### WHITES METAL DETECTOR

The AF103 is suitable for many purposes, i.e. finding wall ties, pipes and cables in walls and other structures. One control operation, incorporating on/off and tuning, detects all metals, 6" (15cm) waterproof search head, built-in speaker, pinpointing ability, 1 Year warranty and 1 x PP3 9v battery.

**PRODUCT CODE: METDET**

Colour: Black



#### IMP WALL TIE LOCATOR

Wall Tie & Stud Locator IMP P130 will rapidly and precisely locate mild steel or stainless steel wall-ties and is an excellent stud locator / stud detector, making it an extremely versatile instrument. This small, battery operated gauge has a high-impact ABS control unit in a tough leather case.

**PRODUCT CODE: METAL**

Colour: Black



#### THOR GROUT GUN YELLOW

Multi purpose pointing and grout gun, easily cleaned for using with Thor W60 grout or cement based pointing products.

**PRODUCT CODE: WHOGM**

Colour: Yellow



#### THOR GROUT GUN

Thor crack stitching gun for all Thor masonry reinforcement applications. Large volume manual applicator for mortar or grout, 12:1 trigger ratio. Choice of nozzles for pointing. Easily replaceable barrel and washer. Heavy-duty construction.

**PRODUCT CODE: THCS/GK**

Colour: Black/Orange



#### THOR RESIN GUN SINGLE TUBE

Heavy duty hand operated resin gun suitable for all single tubes (polyester, epoxy accrylate) this gun is a premium model unlike cheaper options, and has a heavy duty spring mechanism, for longer lasting use.

**PRODUCT CODE: THRGST**

Colour: Blue/Black



#### THOR DOUBLE RESIN GUN

Heavy duty double piston resin gun for use with thor epoxy resin. This gun is a premium model and has a heavy duty spring mechanism for longer lasting use.

**PRODUCT CODE: THRGTT**

Colour: Red/Black

## HIGHLY TRAINED STAFF HERE TO HELP



# Surface Treatments

The Wykamol Group have been involved in surface treatments for many years, nowadays more technically advanced products have entered the market place and we are able to supply products for a wide range of areas in this sector ranging from treatment for penetrating damp, through to epoxy coatings to prevent dampness rising in a floor slab.

We also supply a specialist general purpose damp paint (Technoseal DPM) Wykamol Micro Sealer is a new product to the range and is a great benefit to reduce the lime build up after a new slab has been laid or to use during a basement conversion under a membrane system.

We are involved with the removal of lichen and moss from buildings using our biocide treatments and have been involved with some very prestigious buildings in the UK and abroad. All in all we have an excellent range of products in this sector.



## TECHNOSEAL DPM BLACK/WHITE

An SBR latex-based liquid dampproofing paint for water proofing applications. The paint dries to form a tough semi-gloss finish. Can be applied to walls under render or plaster as a water barrier. Available in 5 containers.

**PRODUCT CODE: BLACK TECHSEAL5 - 5L**

**PRODUCT CODE: WHITE TECHSEWT5 - 5L**



### ENVIROSEAL

Enviroseal is an effective water repellent liquid based on a solvent free silicone/siloxane emulsion for use above ground on porous brickwork, cement renderings, asbestos, cement/mineral boards, unglazed tiles, cast concrete, roughcast, stonework (including calcareous materials, i.e. those containing limestone), wood, canvas and leather.

**PRODUCT CODE: ENVIRO5LT**

**PRODUCT CODE: ENVIRO25LT**

Colour: White

Size: 5 and 25 Litres



### SALT NEUTRALISER 5 LITRES

Salt Neutraliser, an aqueous solution based on acetic acid with a surfactant, has been specifically developed to overcome the problem of salts in mineral building surfaces and is suitable for a wide range of substrates from new plaster work to old stone.

**PRODUCT CODE: SNEUT**

Colour: Clear

Size: 5 Litres

Box Qty: 4

# DAMP-PROOFING

## See PAGES 6-23





**Wykamol**  
GROUP LIMITED

**FEATURE  
PRODUCT**

### EPOXY FLOOR COATING

Epoxy Floor Seal is a two part water dispersed epoxy coating for new or existing concrete floors. Once cured the floor seal gives a hard wearing finish exhibiting excellent chemical resistance to most dilute alkalis, oils, detergents, grease, animal fats and food products.

**PRODUCT CODE:**  
**WYKEP40C - CLEAR**

**PRODUCT CODE:**  
**WYKEP40G - GREY**

**Size: 5 Litres/2.5 Litres**



### MICROTECH BIOCIDES 1 LITRE

Microtech Biocide is a unique formulation containing 'Polyphase' for the control and prevention of moulds, algae, mosses and lichens from interior/exterior surfaces.

**PRODUCT CODE: MTBIO1LT**

**Colour:** Clear  
**Size:** 1 Litre  
**Box Qty:** 12



### MICROSEALER 10 LITRES

Microsealer is a concrete dust proofer and hardener. It is a highly penetrative solution which reacts with hydrated cement, both at the surface and up to a depth of 15mm.

**PRODUCT CODE:**  
**MICROSEALER**

**Colour:** Clear  
**Size:** 10 Litre

**NEXT DAY Delivery-**  
**ASK FOR DETAILS\***

\*Geographical restrictions apply, please ask for details.



**Wykamol**  
GROUP LIMITED

**GREAT  
VALUE**

### DRYSEAL 3 LITRES

With its unique thixotropic consistency and excellent water-repellent properties on a range of building materials, DRYSEAL stands out. As opposed to conventional liquid products, DRYSEAL can be applied in just one working operation to achieve the desired loadings for maximum effectiveness.

Dependent on porosity, the effective siloxane ingredient penetrates the substrate within a short time (30 minutes to several hours) where it reacts to become a polymer silicone resin.

DRYSEAL has been formulated to penetrate as deeply as possible into porous masonry substrates and this provides optimal protection against the absorption of water and pollutants as well as frost/salt damage.

This effect should not be confused with the "beading" effect often associated with water repellents. The beading effect demonstrates the surface action of a water repellent but may not be significant when assessing a product's overall performance (resistance to rain water penetration under wind pressure).

**PRODUCT CODE: DRYSEAL**

**Colour:** White **Size:** 3 Litres **Box Qty:** 4



**www.wykamol.com Email: info@wykamol.com**

**Order Line: 0845 400 6666** **Monday-Friday 8.00am - 5.00pm**



# Coverage Rates

# Specifiers Information

Surface Treatments	Pack Size	Dilution	Coverage
Epoxy Floor Coating Clear/Grey	5 Litres		6-8m <sup>2</sup> /kg
Technoseal DPM Black/White	5 Litres	Makes 25L	A minimum dried coat thickness of 0.6 mm is needed to provide a vapour barrier. This should be applied in a minimum of 2 coats. For the final dried membrane thickness of 0.6 mm a coverage of 1.2 Kg/m <sup>2</sup> is required. (This is the total for all coats). This corresponds to ~ 1L/m <sup>2</sup>
Enviroseal	25 Litres		~ 4 - 5 m <sup>2</sup> / L / coat
Dryseal	3 Litres		Application Rate: Dependent on porosity, 1 L covers approximately 5-6 m <sup>2</sup>
Salt Neutraliser	5 Litres		Varies with type of surface and substrate. 1 L concentrate should treat 5 - 10 m <sup>2</sup>
Microtech Biocide	1 Litre	Makes 25L	1 L / 2 - 5 m <sup>2</sup> , 10 L / m <sup>3</sup> (diluted solution)
Microsealer	10 Litres		1st coat: 1 L/4-6 m <sup>2</sup> . Subsequent coat: 1 L/6-8 m <sup>2</sup>



As the UK's leading specialist manufacturer of products for the remedial building industry, Wykamol Group recognise the need to provide ongoing training and a technical service for professionals involved in the design for all remedial repair.

To further improve the quality of service we offer, a number of our seminars have been assessed by the RIBA CPD Providers Network. In addition, our structural repair seminar is also approved under the ABE CPD Scheme. These rigorous assessment processes means that our lectures are well balanced and will give all specifiers a valid educational experience helping them to do their jobs correctly, more creatively, cost effectively and efficiently.

If you would like to register an interest in receiving a seminar at your Architectural or Engineering practice please contact us.



Riba PS is a tool used by Architects across the UK. It is an online website where specifiers can get access to Wykamols extensive range of products, their technical data sheets etc. Architects can view the product details to choose the appropriate solution to their remedial problem. Wykamol have over 90 products listed in Riba Product Selector covering all remedial measures.



The Association of Building Engineers (ABE) is the professional body for those specialising in the technology of building.

Wykamol are an approved CPD training provider for the ABE and have a range of CPD seminars available on the structural repair of buildings.

## Need to know more? Ask about Wykamol TRAINING Courses

More details on P. 92-93



# Anti-Condensation & Mould Eradication

Condensation is becoming one of the commonest causes of dampness in buildings and is nearly always associated with black mould growth (*Aspergillus niger*).

The problem arises because of high relative humidities, a lack of natural ventilation and, in most cases, cold external walls. Sometimes it's possible to reduce humidities by regulating activities like drying clothes indoors. Ventilation can be provided via trickle vents and so on but these are usually ineffective and unpopular due to perceived heat losses or cold draughts. Walls can be insulated but not without relatively major disturbance to occupants. Because of these factors a new approach to providing energy efficient humidity control was needed and this has been provided through the concept of positive input ventilation.

Wykamol are stockists of a wide range of energy efficient, low maintenance fans which can be fitted with little or no disturbance and provide dramatic improvements to indoor air quality. They operate fully automatically and can transform 'mouldy' rooms in houses within a few days of installation. Many of our approved contractors are able to offer a full diagnosis and installation service and will ensure you get the system best suited to your property.



The Homevent complete with integral "intelligent low temperature" comfort heater\* - the ventilation system for properties WITH loft spaces.

#### Performance

Homevent with Heater incorporates Ultra Low Watt DC Motor Technology

(1) The unit performs in 'condensation control mode' at air temperatures below 19°C

(2) The unit performs in 'heat recovery mode' at air temperatures above 19°C

#### Applications

Sited in the loft space the Homevent with Heater delivers air to the central hallway or landing to provide displacement ventilation in order to improve air quality and resolve condensation related problems.

#### Specification

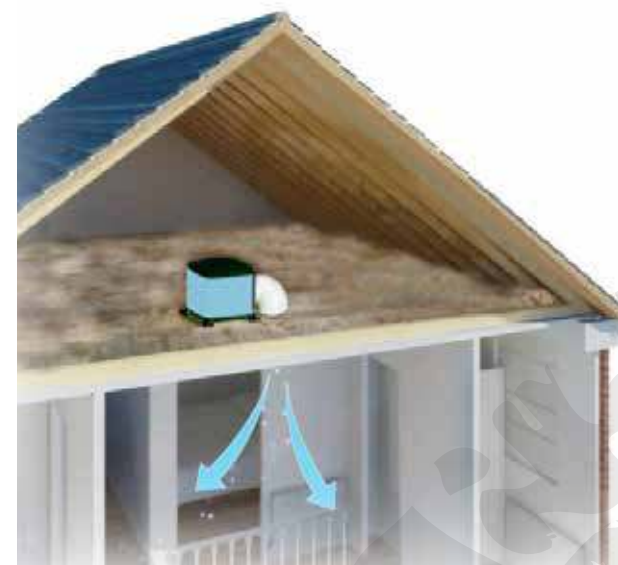
##### The Homevent with Heater:

- 1 year parts and labour warranty and a 4 years parts only guarantee.
- Is designed so that, following expiry of the guarantee, all consumable components can be easily repaired or replaced and a further warranty re-instated.
- Has an integral "hours run meter" in order that tenant usage can be confirmed at any time. This meter must be clearly visible in the dark environment of the loft and should not require isolation from power supply before accessing. This hours run meter is discreet.
- Is supplied with a diffuser, which is aerodynamically designed to deflect air upwards to reduce draughts. The diffuser is also supplied with clip-in blanking plates to deflect air away from walls and smoke alarms in hallways, where position options are restricted.
- Has an integral "intelligent low temperature" comfort heater\* fitted as standard. The unit is powered by a single supply and capable of holding incoming air temperatures reasonably accurately - around 10°C. The heater element is manufactured in a solid tubular sheath material and not in open wire filament.
- Does not change to heat recovery mode until the incoming air temperature rises above 19°C. Any increased airflow volume at lower temperature is likely to cause tenant discomfort.

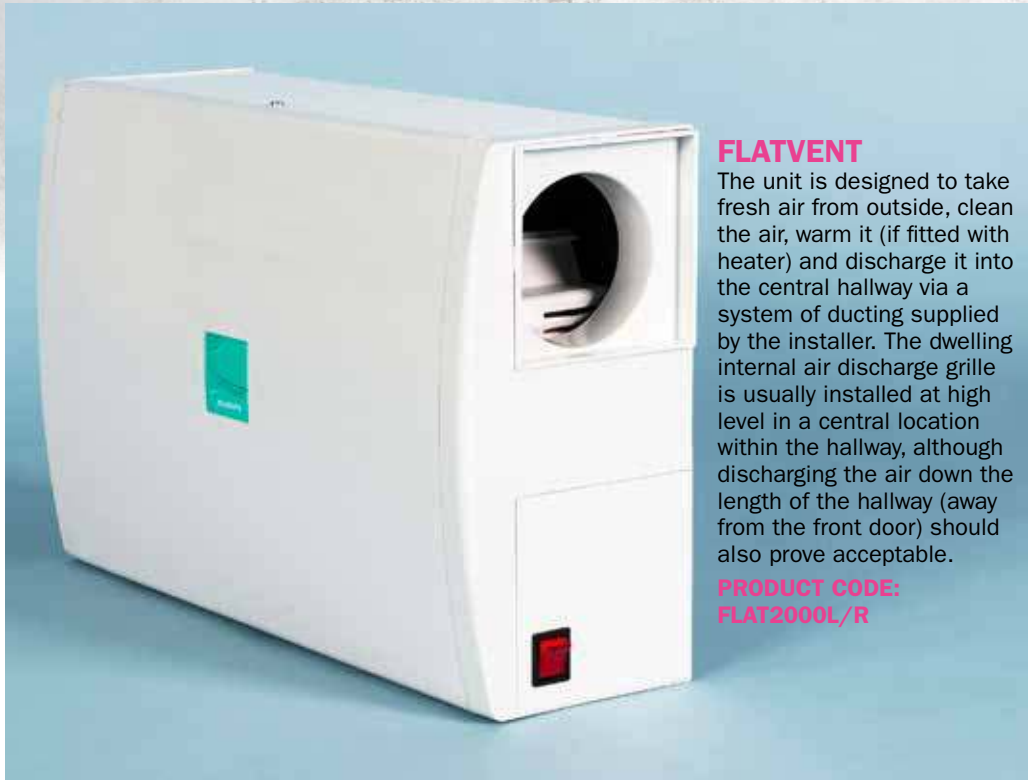
#### HOMEVENT

Sited in the loft space the Homevent with Heater delivers air to the central hallway or landing to provide displacement ventilation in order to improve air quality and resolve condensation related problems. Has an integral "intelligent low temperature" comfort heater\* fitted as standard. The unit is powered by a single supply and capable of holding incoming air temperatures reasonably accurately - around 10°C.

PRODUCT CODE: EVL-HB







### FLATVENT

The unit is designed to take fresh air from outside, clean the air, warm it (if fitted with heater) and discharge it into the central hallway via a system of ducting supplied by the installer. The dwelling internal air discharge grille is usually installed at high level in a central location within the hallway, although discharging the air down the length of the hallway (away from the front door) should also prove acceptable.

**PRODUCT CODE:**  
FLAT2000L/R



### WYKAMOL HEAT RECOVERY VENTILATOR HRV 150

Energy efficient continuous heat recovery for healthy air in kitchens, bathrooms, utility rooms, living rooms, lavatories, washrooms, conservatories, offices and bedrooms.

**PRODUCT CODE:** ECLIPSE



# CRACK STITCHING Range

## See PAGES 62-67

[www.wykamol.com](http://www.wykamol.com) Email: [info@wykamol.com](mailto:info@wykamol.com)

### MOULD ERADICATION KIT

A full multi purpose kit ideal as a sales aid to general public everything you need to deal with mould problems comes supplied with cleaning agents, all equipment and paint additives to treat and clean mould issues in domestic properties.

**PRODUCT CODE:** MCSKITBOX



**Wykamol**  
**BEST  
SELLER**

Anti-Condensation

**Order Line: 0845 400 6666** Monday-Friday  
8.00am - 5.00pm



# Anti-mould Treatments



**FUNGICIDAL ADDITIVE MCS 3**  
Wykamol MCS3 Fungicidal Additive is a high quality decorative paint additive for internal surfaces and contains a long lasting biocide for the control of surface moulds. Can be used in both Silk and Matt finishes. The formulation has been proven over many years to provide effective resistance to mould growth in difficult areas.

**PRODUCT CODE: MCS3100**

**Wykamol**  
GROUP LIMITED

**BEST  
SELLER**



**MOULD CLEAR CONCENTRATE MCS1**  
This product is designed to provide an initial wash/sterilisation treatment to remove and kill mould spores and surface growths on painted or papered surfaces. Also available as a 1 Litre spray.

**PRODUCT CODE: MCS11L**

**Colour:** Clear

**Size:** 1 Litres

**Box Qty:** 1

**Colour:** Clear





# Machinery & Equipment

The Wykamol group can supply everything the contractor needs to carry out all remedial works we have an extensive range of surveying equipment, from the protimeter range of products for checking damp levels in buildings, through to torches and hand tools to carry out your survey.

We stock all injection equipment including DPC machines for injecting chemicals and timber spraying, including all spares for these ranges.

The company regularly demonstrates that it has the ability to innovate and supply products in this niche area that are unavailable elsewhere. The equipment section has been published to provide an easy to use, one stop shop for companies involved in the building preservation industry.



**DPC MACHINE AND TIMBER TREATMENT SPRAY PUMP**

1/2 hp single phase motor with twin piston pump head and pressure gauge.

**PRODUCT CODE: 0212**



**INJECTION LOOM**

An injection loom for the injection of damp proofing chemicals into all types of construction includes a glycerine gauge, and 4 DPC rods.

**PRODUCT CODE: 8025**



**SPRAY LANCE WITH 30 FOOT OF HOSE**

Trigger action spray lance with 0025 angle bend and adjustable nozzle fitted with 15 metre of hose and tailpiece ideal for spraying all timber treatments or external silicone products.

**PRODUCT CODE: 8046**



**ULTRACURE APPLICATOR**

A professional applicator for use with DPC creams, this applicator takes 5 litres of cream and with the pump action can be used for periods of time without backing off pressure, like hand operated devices. Ideal for larger amounts of DPC applications.

**PRODUCT CODE: ULTRASAPP**

Colour: Clear

Box Qty: 1



**5 LITRE STAINLESS STEEL OR GALVANISED TANK**

A 5 litre portable stainless steel tank for spraying all fluids.

**PRODUCT CODE: 0134/0134S**

**10 LITRE STAINLESS STEEL OR GALVANISED TANK**

A 10 litre portable stainless steel tank for spraying all fluids.

**PRODUCT CODE: 0135/0135S**





# Moisture Meters for the building industry



## PROTIMETER MINI

The Protimeter Mini can be used for making rapid moisture assessments in a wide range of building materials including wood, masonry, drywall, plaster and concrete.

The instrument measuring pins are small and sharp which means measurements can be taken at the surface with virtually no mark left behind.

**PRODUCT CODE: 4410**



## PROTIMETER HYGROMASTER

The Protimeter HygroMaster is an easy to use hygrometer with built in data logging capability. The HygroMaster is a hand-held instrument for taking spot measurements and for logging humidity and temperature values. Quick measurements of relative humidity, dew point, mixing ratio (grains per pound/parts per million by weight) and ambient temperature are shown on a split display at the touch of a button.

**PRODUCT CODE: 5055**



## PROTIMETER SURVEY MASTER

The Dual Mode Moisture Meter.

This unique Surveymaster moisture meter has two modes of operation - search and measure. Search and measure help the user to distinguish sub-surface from surface moisture, essential information when trying to establish the extent and cause of a dampness problem.

**PRODUCT CODE: 5125**



## PROTIMETER MMS2 (MOISTURE MEASUREMENT SYSTEM)

The Protimeter Moisture Measurement System (MMS) Plus is a complete moisture measurement device for use in many different building related industries. The MMS combines pin type and noninvasive modes of measurement together with a thermo-hygrometer in one state-of-the-art instrument.

**PRODUCT CODE: 5033**

## DRILL BITS

- Latest carbide tip technology - increased penetration and efficiency of cut
- Ideal for cordless drills with increased numbers of holes per battery charge
- Grade of carbide ensures extended tool life and number of holes drilled
- Clean and accurate holes in multiple material types
- Proven flute geometries enable maximum spoil removal
- Combination of flute and tip geometry produces truer and rounder holes
- Copper brazed with optimum tip support
- High impact point of sale units available



Code	Description
DB5X150	SDS DRILL BIT 5 x 160mm
DB5X310	SDS DRILL BIT 5 x 310mm
DB6X210	SDS DRILL BIT 6 x 210mm
DB6X300	SDS DRILL BIT 6 x 300mm
DB6X450	SDS DRILL BIT 6 x 450mm
DB7X160	SDS DRILL BIT 7 x 160mm
DB7X310	SDS DRILL BIT 7 x 310mm
DB7X400	SDS DRILL BIT 7 x 400mm
DB7X510	SDS DRILL BIT 7 x 510mm
DB8X160	SDS DRILL BIT 8 x 160mm
DB8X300	SDS DRILL BIT 8 x 300mm
DB8X310	SDS DRILL BIT 8 x 310mm
DB8X600	SDS DRILL BIT 8 x 600mm
DB10X160	SDS DRILL BIT 10 x 160mm
DB10X210	SDS DRILL BIT 10 x 210mm
DB10X250	SDS DRILL BIT 10 x 250mm
DB10X310	SDS DRILL BIT 10 x 310mm
DB10X360	SDS DRILL BIT 10 x 360mm
DB10X450	SDS DRILL BIT 10 x 450mm
DB10X600	SDS DRILL BIT 10 x 600mm
DB10X1000	SDS DRILL BIT 10 x 1000mm
DB10.5X310	SDS DRILL BIT 10.5 x 310mm

Code	Description
DB11X160	SDS DRILL BIT 11 x 160mm
DB11X310	SDS DRILL BIT 11 x 310mm
DB12X160	SDS DRILL BIT 12 x 160mm
DB12X210	SDS DRILL BIT 12 x 210mm
DB12X250	SDS DRILL BIT 12 x 250mm
DB12X300	SDS DRILL BIT 12 x 300mm
DB12X450	SDS DRILL BIT 12 x 450mm
DB12X600	SDS DRILL BIT 12 x 600mm
DB12X1000	SDS DRILL BIT 12 x 1000mm
DB13X300	SDS DRILL BIT 13 x 300mm
DB13X450	SDS DRILL BIT 13 x 450mm
DB14X300	SDS DRILL BIT 14 x 300mm
DB14X450	SDS DRILL BIT 14 x 450mm
DB14X600	SDS DRILL BIT 14 x 600mm
DB14X1000	SDS DRILL BIT 14 x 1000mm
DB16X200	SDS DRILL BIT 16 x 200mm
DB16X300	SDS DRILL BIT 16 x 300mm
DB16X450	SDS DRILL BIT 16 x 450mm
DB16X600	SDS DRILL BIT 16 x 600mm
DB16X1000	SDS DRILL BIT 16 x 1000mm
DB18X200	SDS DRILL BIT 18 x 200mm
DB18X300	SDS DRILL BIT 18 x 300mm
DBMAX18X300	SDA MAX DRILL BIT 18 X 300mm
DB18X450	SDS DRILL BIT 18 x 450mm
DB18X600	SDS DRILL BIT 18 x 600mm
DB20X200	SDS DRILL BIT 20 x 200mm
DB20X300	SDS DRILL BIT 20 x 300mm
DB20X450	SDS DRILL BIT 20 x 450mm





# Insulation Fixings

The Insofast range of fasteners includes a thermally broken anchor used to fix external wall insulation, together with metal fixings for fastening fire-proof insulation, flat roof boards and insulated plasterboard to solid walls, soffits and warm roof decks.

The helical insulation fixing corkscrews into a wide variety of building materials including brick, concrete and timber and is ideal for fixing insulation boards in new construction or in retrofit building upgrades. The Insofast range also includes a selection of synthetic insulation fasteners for use where fire resistance is not an issue.



## WALL INSULATION ANCHORS - MECHANICAL

Mechanical insulation anchor with plastic plug and glass filled nylon drive pin for fixing Kingspan & Celotex wall insulation. Use with load spreading washer for fixing mineral wool.

**PRODUCT CODE: COB**

**Pack Qty:** 250

**Size:** 60mm, 90mm, 110mm 130mm



## FLAT ROOF FIXINGS - GALVANISED

Helical warm roof nails in galvanised steel. Use for fixing Kingspan 6mm ply-faced composite insulation boards to joists or rafters. Hammer in fixings for flat warm roof applications.

**PRODUCT CODE: ISF18ZP**

**Pack Qty:** 20 or 400

**Size:** 145mm, 170mm, 195mm



## WARM ROOF DECK FIXINGS - STAINLESS

Insulation fasteners for fixing ply-faced Celotex or Kingspan insulation decking boards. Hammer in fixings up to 220mm long for flat warm roof deck. Rust resistant Stainless Steel - 20 Pk or 400 Box.

**PRODUCT CODE: ISF18A2**

**Pack Qty:** 20 or 400

**Size:** 145mm, 170mm, 195mm, 220mm



## EXTERNAL WALL INSULATION FIXINGS

External wall insulation anchor for fixing mineral wool, polystyrene or rigid foam insulation to brickwork, timber or thermalite block. Thermally broken zinc plated fixings in packs of 20 or boxes of 200.

**PRODUCT CODE: ISF60ZP**

**Pack Qty:** 20 or 200

**Size:** 140mm, 170mm, 200mm



## WARM ROOF INSULATION FIXINGS

Superior warm roof nails for fixing Kingspan or Celotex insulation between counter-batten & rafter. Stainless steel Powerful Super-7 fixings reduce warm roofing costs by virtue of less nailing.

**PRODUCT CODE: WRN**

**Colour:** Silver

**Size:** 130, 140, 150, 160, 170, 180, 190, 200, 210, 220 230, 240mm



## DRYWALL INSULATION FIXING STAINLESS

Drywall fixings for fixing plasterboard insulation sheets to walls. A stainless steel fastener with a countersink head. Designed to anchor thermal insulation laminates to walls 20 Pack or 400 Box.

**PRODUCT CODE: ISF18AZP**

**Pack Qty:** 20 or 400

**Size:** 105mm, 125mm, 145mm



## INSULATION FIXING ANCHORS ZP

Zinc plated insulation fixing for anchoring mineral wool and rigid insulation panels to masonry walls & concrete soffits. Galvanised Rendalath fixing.

**PRODUCT CODE: ISF135ZP**

**Pack Qty:** 20 or 400

**Size:** 110mm, 145mm, 170mm, 200mm



## INSULATED PLASTERBOARD FIXINGS

Plasterboard fixings for fixing insulated plasterboard sheets to brick and block walls. Fire proof zinc plated fasteners for internal solid wall insulation in packs of 20 or boxes of 400.

**PRODUCT CODE: ISF18A2**

**Pack Qty:** 20 or 400

**Size:** 65, 85, 105, 125 and 145mm



## METAL INSULATION FIXINGS - STAINLESS

Metal insulation fixings for anchoring Rockwool & Knauff fireproof insulation panels to masonry walls & concrete soffits. Corrosion resistant Stainless Steel Rendalath fixing.

**PRODUCT CODE: ISF35A2**

**Pack Qty:** 20 or 400

**Size:** 110mm, 145mm, 170mm, 200mm



## PLASTIC INSULATION FIXINGS

Plastic insulation fixings for fastening Kingspan & Celotex insulation to solid materials. Use with load spreading washer for fixing Rockwool & Knauf insulation.

**PRODUCT CODE: PLASPLUG**

**Pack Qty:** 250

**Size:** 90mm, 110mm, 130mm



## INSULATION RETAINING WASHERS

Plastic insulation washers for retaining Rockwool and other soft insulation products. 90mm diameter disc.

**PRODUCT CODE: ISF-90-DISK**

**Pack Qty:** 100 or 500

**NEXT  
DAY  
Delivery  
Available**

\*Geographical restrictions apply, please ask for details.



# Timber Resin Repair Systems

The use of resins enable existing damaged timbers to be upgraded for continued use without the need for complete renewal or ugly metal repairs. Sensitive and careful use of modern technology permits maximum conservation and minimum destruction of historic timbers.

Wykamol also supply a range of specialist epoxy coatings, to waterproof below ground walls see the range below.



**Wykamol**  
GROUP LIMITED  
**BEST  
SELLER**

**QUICK SET PASTE - TIMBAFIL PASTE** is a dark brown or mahogany (red) coloured base/ pink catalyst two pack polyester paste, which can be applied to all types of timber, masonry and many metals.

**PRODUCT CODE: TRWFP**

**Size:** 370 Grams

**EPOXY PRIMER** A two part, thin clear Epoxy resin for priming and consolidating masonry and wood.

**PRODUCT CODE: TREP**

**Size:** 500cc

**MOULDABLE PUTTY** Waterproof repair putty, which can be coloured, moulded, shaped, sanded and painted. It can also be used like a mortar, to fill cracks and holes in masonry, or as a glazing putty for windows. Repairs stone - can be shaped to repair statues and moldings.

**PRODUCT CODE: TREMP**

**Size:** 0.5 Litres

**S.P.G** For filling holes and, in combination with reinforcement rods, for structural repair of timber and masonry, including concrete. Self leveling, self degassing (bubbles of air, trapped during mixing, will rise to the surface and escape).

**PRODUCT CODE: TRPG25 / TRPG75**

**Size:** 2.5 Litres / 7.5 Litres

**THIXO 400CC/SLOW SET** A two part, (two gels) thick injection resin. This resin does not drip or run - it is similar in consistency to Vaseline or Swarfega. Mixes to a grey/buff colour, but colour powder or pigment can be added.

**PRODUCT CODE: TRTEASS**

**Size:** 400cc



# Training Courses

The Wykamol Group are pleased to be associated with the Property Care Association (PCA) and are manufacturing founder members. We are proud of our training record and are pleased to be able to offer the following courses in conjunction with the Property Care Association.

**The Wykamol group are able to offer a wide and diverse range of training courses to suit various applications within the remedial industry.**

These vary from basic damp and timber surveying to repairing cracks and in masonry walls and underground waterproofing applications.

These can be at various locations across the UK to suit the clients wishes.

We even run training courses at head office for clients who wish to attend a course and also see our operations at the factory this includes the laboratory visit and to see how we do sample testing and quality control procedures.

Most courses can be ran at hotels or at clients offices if the numbers allow, these can be spread across the country to cater for busy preservation and building companies whose staff may find it difficult to travel long distances to attend a course.

These courses are an invaluable tool in learning about the sectors within our product categories and are an ideal stepping stone to carry on with training and attend formal qualifications at a later date.

If you are interested in attending courses please feel free to contact us and ask about the latest course dates that we have to offer.

## INTRODUCTORY WATERPROOFING TRAINING COURSE

**1 DAY**

The course offers an introduction to waterproofing including: main points of BS8102 2009 & design, failures, types of waterproofing products and insulation methods etc.

Our advice to contractors is to attend a further 3 day school of waterproofing and for NHBC projects, the CSSW qualification is now a requirement. In house waterproofing design insurance is also required. However, Wykamol can assist contractors to become members of CGS/GPI, which would allow them to issue guarantees under Wykamol supervision until they attain their CSSW qualification.



## CONTRACTOR DAMP & TIMBER TRAINING COURSE

**2 DAYS**



The Damp & Timber Course offers an introduction to the causes of dampness in buildings and timber decay and remedial treatment in accordance with BS6576 and some of the advantaged methods used in the industry.

The course covers 3 different types of dampness found in buildings - rising damp, penetrating damp, and condensation.

Our advice to contractors is to attend further training to attain CSRT qualifications. The Wykamol course will then enable contractors to become members of CGS/GPI, which would allow them to issue guarantees under Wykamol supervision until they attain their CSSW qualification.

## CONTRACTOR STRUCTURAL REPAIR TRAINING COURSE

**2 DAYS**

The Structural Repair Course is an introduction to the causes of Structural Cracks in buildings and Wykamol methods used covering products such as Crack Stitching, Lateral Restraint Bars and installation of our CD Remedial Wall Ties. Contractors can then attend our further training course aimed at specifiers and surveyors.

The course will then enable contractors to become members of CGS/GPI if they desire.

This theory course is followed up with a further practical course, the contents and duration of which depends on the individual contractors capabilities and experience.

Contractors who are interested can go on to attend our Survey Training Course aimed at developing the contractors' ability to carry out structural surveys and specify appropriate remedial schemes.



**For information on costs and availability call 0845 400 6666**

or go to **[www.wykamol.com](http://www.wykamol.com)**



# Guarantees

Wykamol have the most extensive guarantee scheme in the preservation industry in the UK market place today and has been issuing guarantees for in excess of 30 years.

**Wykamol Group give you the peace of mind that when you request an insurance backed guarantee, the Wykamol Registered Contractor who contacts you will be able to offer you a guarantee from CGS.**

Sticking a pin into a phone book gives you a 20-1 chance of finding a contractor good enough to be backed by an insurance company authorised and regulated by the FSA. But if gambling with your house is not your thing and you prefer competence over cowboys then choose a CGS Approved Contractor. CGS offer insured guarantees with the insurance certificate specific to your property and issued by an FSA authorised and regulated UK insurance company. 70% of all companies go out of business within 20 years and though CGS contractors are considerably below the national average because of the quality of the contractors allowed into membership, for a very small one-off premium you can insure against even this eventuality.

**Warning:** Some companies offer "Insurance Backed Guarantees" but all this indicates is an annual insurance by the guarantee company, with the insurance in the name of that company not your house and if it is not paid annually then it collapses.

When comparing quotes, check what you are getting and ask competing contractors which of these they can offer (if any).

1. Actual Insurance Period 10 years
2. Independently checked for Technical Competence
3. Health & Safety Competence and Financial Stability
4. Underwriter Authorised and Regulated by the FSA
5. Access to the Financial Ombudsman Service
6. INSURANCE Certificate for EACH property
7. Security of the Financial Services Compensation Scheme
8. NHBC & Zurich Approved
9. Insurance Premium Tax (IPT) applied (as required by law for all genuine insurance)
10. Automatic free assignment on sale of property
11. Protection against contractor failure for any reason



**Wykamol Group are registered to ISO 9001 2008**

There is a long tradition at Wykamol Group of high quality as our contribution to our customers' success and it is an essential element of our company policy. Our aim is to achieve market and quality leadership in all areas of activity. Our concern for quality applies not only to our products and the services we provide in association with them, but also to our plant and our workforce.

**Manufacturing Members of the Property Care Association (PCA)**

The PCA is the premier trade body for the structural waterproofing, wood preservation, damp proofing, flood remediation and structural maintenance industries in the UK.

**Training affiliate of the Association of Building Engineers**

Wykamol Structural offer CPD training courses in structural repair which are approved by the ABE.

**Members of the Lancashire Business Environment Association.**

Wykamol Group strive to improve their Environmental performance as active members of the BEA, utilising specialist help, advice and training. Wykamol are actively reducing their environmental impact as Resource Efficiency Club members.

**Wykamol hold no less than 8 BBA Certificates for their remedial products**

**Wykamol membrane systems Agrément Certificate No 05/4261**

This BBA covers moulded HDPE membranes and fixings/sealing materials including CM8, CM20 and CM Plaster.

**Wykamol chemical damp-proofing systems Agrément Certificate No 02/3961**

This BBA covers a range of products for forming a damp proof course. Products include DPC No.1, Wykamit PI, Microtech PI, Injection Mortar, Silicate K, Replastering Specifications, HydraDRY and Ultracure™.

**Members of the Basement Waterproofing Association**

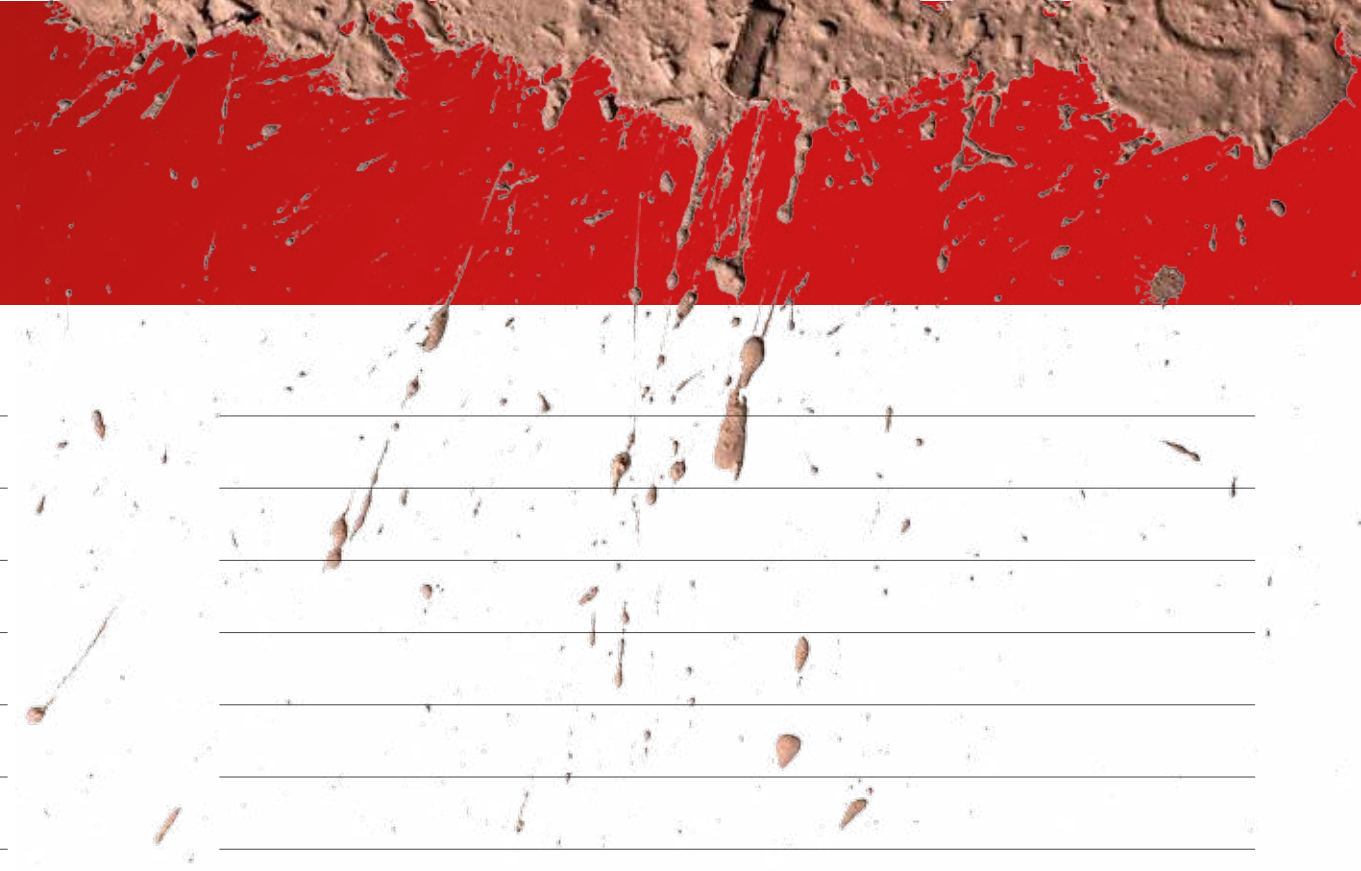
The BWA seeks to improve standards within the structural waterproofing industry, for example by means of Qualifications and training for members involved in specifying and applying waterproofing systems.

Publications such as Waterproofing Existing Basements and the Basement Waterproofing Design and Site Guides Promoting standards through the trade press and construction authorities.

Helping customers to find the most appropriate member for their requirements. Thorough vetting of applicants to ensure provision of the necessary expertise in this specialist field.











For all things

# DAMP PROOF

Timber Treatments  
Pages 24-29



**0845 400 6666**  
**[www.wykamol.com](http://www.wykamol.com)**



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# UK No.1

for  
**DAMP PROOFING**

**TIMBER TREATMENTS**

**STRUCTURAL WATERPROOFING**

**THOR HELICAL**

**ANTI-CONDENSATION**

**SURFACE TREATMENTS**

Wykamol Group Limited,  
Unit 3, Boran Court, Network 65 Business Park,  
Hapton, Burnley, Lancashire BB11 5TH  
T: +44 (0)845 400 6666  
F: +44 (0)845 400 3333  
E: [salesdepartment@wykamol.com](mailto:salesdepartment@wykamol.com)  
[www.wykamol.com](http://www.wykamol.com)

Designed and produced by The Image Works 01282 447385.  
[www.imageworksltd.com](http://www.imageworksltd.com)