





Rain to drain solutions
that set the standard
for urban water management

www.alumascwms.co.uk



Metal rainwater systems. Aluminium, cast iron, steel gutter and downpipe systems for both traditional and contemporary projects.



A complete range of aluminium roofline systems - including fascia & soffits, copings, cills and surrounds along with canopies and column casings.



Harmer manages water inside and outside the building. Its systems allow projects to realise the design, performance and installation benefits of fully integrated drainage solutions.



With more than 50 years of experience in the industry, Wade is established as a leading manufacturer of quality drainage products.



A global leader of surface water drainage and engineered access covers. Recognised for innovation, quality and performance across many prestigious projects.

Technical and Customer Service Support

Alumasc offers a full technical and support service for all projects, as standard:

- Drainage calculations
- Take-offs from drawings
- BIM, CAD and NBS Specifications
- Detailed technical advice & quotes
- Site surveys
- Detailing advice
- Samples on request

Specialist knowledge across the water management cycle

Recommended Installers

Alumasc Skyline & Rainwater has a network of recommended installers covering the UK & Ireland. Visit the Alumasc WMS website to view.

Approved Stockists / Suppliers

Our products are delivered by approved suppliers throughout the UK & Ireland. To find your nearest stockist, visit the 'Where to buy' section on our website.

Contact us:

For Project Quotations, Customer Service, Technical & Sales Orders call:

Alumasc Rainwater, Harmer Drainage
& Skyline:

+44 (0)1536 383 810

Email: info@alumascwms.co.uk

Website: www.alumascwms.co.uk

Wade & Gatic:

+44 (0)1787 475 151

Orders: Supplied in accordance with our current Terms & Conditions of Sale, which are downloadable on the website.

Carriage Charges: Any appropriate surcharges, including next-day, time-specific and special vehicles (small, rigid, hiab etc.) will be applied to all deliveries in accordance with our published schedule of carriage charges prevailing at date of despatch. Copies are available on request.

Disclaimer: Due to continuous product development, descriptions and illustrations may be subject to change without notice. All prices are subject to VAT at the current rate. While every effort will be made to maintain prices at the published levels, Alumasc Building Products (The Company) reserves the right to amend those prices without notice should the need arise.

ISO 9001

Alumasc operates a quality management system which is independently audited to ISO 9001. The ISO 9001 framework governs the management of our support services, manufacturing processes and logistics.



ISO 14001

Alumasc Water Management Solutions have manufacturing sites at Burton Latimer and Dover and they are independently audited to the BS EN ISO 14001: Environmental Management Standard.



CE Mark

Harmer SML has European product conformity to harmonised standard BS EN 877 & 1433 in accordance with Construction Products Regulation 2013.



British Board of Agrément Certificate (BBA)

• **86/1671** Aluminium rainwater systems* and for the polyester powder coating process of our aluminium rainwater goods.

* (GX & Heritage Half Round & Victorian Ogee gutter)

• **05/4191** SML system meets European Standard BS EN 877.



Kitemark

British Standards Institute Kitemark certificate no. KM613802 SML pipes, fittings and accessories. No. KM 91491 Gatic Linear Drainage Channels



Professional Bodies



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Free Site Survey



Our national team of Area Sales Managers are available to come and visit your project to complete a full site survey and take-off. A full and detailed quotation will then follow.

BOOK NOW

E: info@alumascwms.co.uk

T: +44 (0)1536 383810

They can also assist with the following:

- Technical advice
- Free samples
- Colour swatches
- Product selection advice

ALUMASC[®] RAINWATER

GUTTERS AND DOWNPIPES



Aluminium Rainwater colours

Alumasc Aluminium Rainwater systems are available in plain mill finish or polyester powder coated using the raincote range on a BBA approved process. The standard aluminium RAL colour range includes 26 colours to choose from, these are produced with a 30% gloss finish unless otherwise stated.

Delivery

Alumasc factory finished rainwater products are shrink wrapped in polythene prior to dispatch.

We have our own state of the art in-house powder coating plant so we can offer any additional BS or RAL colour. Please contact us on Tel: +44 (0)1536 383 810 to discuss your project requirements or request a sample.



RAL 1011m
Brown Beige



RAL 3003m
Ruby Red



RAL 6005m
Moss Green



RAL 7012m *
Basalt Grey



RAL 7036m
Platinum Grey



RAL 8019m
Grey Brown



RAL 9017m
Black (60% Gloss)



RAL 1013m
Pearl White



RAL 3005m
Wine Red



RAL 6018m
Yellow Green



RAL 7015m *
Slate Grey



RAL 7037m *
Dusty Grey



RAL 9006g
Metallic Silver (80% Gloss)



Textured Black



RAL 1021m
Cadmium Yellow



RAL 5003m
Sapphire Blue



RAL 7005m
Mouse Grey



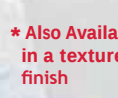
RAL 7016m *
Anthracite Grey



RAL 7038m
Agate Grey



RAL 9006m
Metallic Silver



RAL 9016m *
White

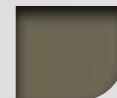
* Also Available
in a textured
finish



RAL 2002m
Vermilion



RAL 5010m
Flower Blue



RAL 7006m
Beige Grey



RAL 7024m
Graphite Grey



RAL 8017m
Chocolate Brown



RAL 9016m *
White

Cast Iron Rainwater colours

Alumasc Cast Iron rainwater systems are available in a range of 8 colour options to suit traditional heritage projects. Our in-house paint plant produces a Certified Factory high quality two-pack epoxy primer and top coat painted finish.

By removing the need for on-site pre-installation painting Alumasc's painted cast iron offers the following benefits:

- 60% SAVING ON TIME, as there is no need to paint several coats on-site
- 30% SAVING ON COST, as there is no need for extra labour to paint on-site
- Quicker installation and less disruption on-site
- A durable long lasting certified factory painted finish



RAL 3009m
Oxide Red



RAL 7016m
Anthracite Grey



RAL 3020m
Traffic Red



RAL 8015m
Chestnut Brown



RAL 5010m
Flower Blue



RAL 9005m
Black



RAL 6005m
Moss Green



RAL 9016m
White *

Alumasc's cast Iron rainwater is also available in a factory primed finish which is a one coat oxide primer. This primer will give protection against corrosion during transportation and short-term undercover storage and will provide a suitable surface for additional painting.

* White painted cast iron is subject to a surcharge

Steel Rainwater colours



Galvanised Steel



RAL 9005m
Black



RAL 6005m
Moss Green



RAL 8004m
Copper Brown



RAL 7016m
Anthracite Grey



RAL 9016m
White



RAL 7037m
Dusty Grey



RAL 8014m
Sepia Brown



RAL 9002m
Grey White

Available on a 3 day lead time in either a galvanised, black, white or anthracite grey pre-coated finish. Also available to order in 6 other galvanised pre-coated colour finishes upon request.

The coating consists of three layers of protection comprising zinc corrosion protection, primer bonding coat and a 'Robust' polyester top coat.

Quartz Zinc & Copper

Also available
See page 144



Colours are reproduced for general guidance only, for exact colour and finish references please contact Alumasc for colour swatch samples and for further information.

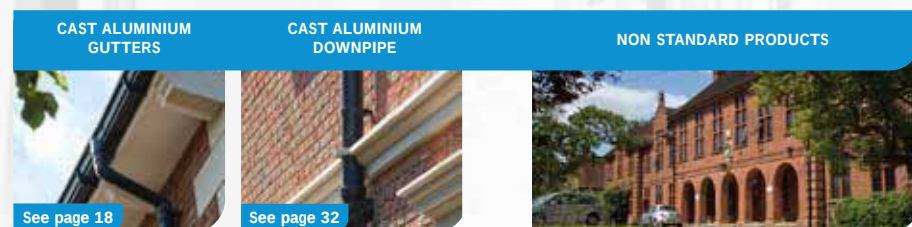
Aluminium Rainwater Systems

Traditional Rainwater Systems

A range of traditional cast aluminium gutter profiles and extruded aluminium pipework with cast sockets and fittings.



Heritage Gutters and Pipes



Contemporary Rainwater Systems

Contemporary aluminium gutter profiles and downpipes to give a modern, smooth and uncluttered appearance to all new build contracts.



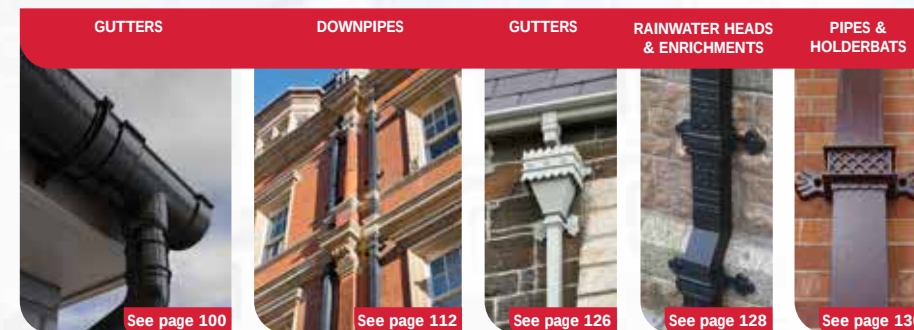
Cast Iron

Apex Heritage Rainwater Systems

Apex Heritage is a comprehensive range of traditional gutter profiles, round, square and rectangular pipes and all associated fittings and accessories.

APEX HERITAGE PRODUCTS FROM STOCK

APEX HERITAGE PRODUCTS MADE TO ORDER



Infinity Steel Rainwater Systems

The lightweight Infinity Steel Rainwater range from Alumasc offers a contemporary, eco-friendly and cost effective alternative to uPVC gutters, without the risk of shrinking, leaking or colour faded gutters. Also available in a Quartz Zinc & Copper finish.



HERITAGE®

CAST ALUMINIUM RAINWATER SYSTEMS



Heritage is a comprehensive range of traditional gutter profiles, round, square and rectangular pipes and all associated fittings and accessories. Designed to provide all the essential architectural features appropriate to traditionally designed buildings, the Heritage range is also fully in-tune with modern fast track building contracts.

Applications

- Ideal for traditionally designed buildings, in both new build and refurbishment applications
- Can be used as a direct replacement of cast iron
- For both flush and projecting eaves applications

Features & Performance

- 5 gutter and 3 downpipe profiles available in a choice of sizes
- Pipes available in 1, 2 and 3 metre lengths
- Lightweight, durable and non-corrodible
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Easy to handle and fix
- BBA approved
- Aluminium is 100% recyclable

Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order
- Can be supplied to resemble cast iron surface with a textured finish - see page 14 for textured options
- Also available in plain mill finish for on-site painting



Manufacture

- UK manufactured by Alumasc
- Gutters and fittings made from LM6 grade aluminium alloy
- Gutters are gravity diecast, fittings are pressure diecast and downpipes are extruded aluminium
- Manufactured in accordance with BS 8530 (formerly BS 2997)

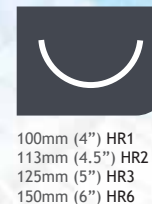
Installation and Fixing

- Gutters are wet sealed with bolted joints, with a range of fixing options
- Gutter joints are secured with screws or bolts through integral holes/slots
- Victorian Ogee and Moulded gutters provided with slots in rear for direct fixing - Support brackets are required for direct fix
- Brackets and fittings provided with fixing holes where appropriate
- Circular pipe jointing up to 100mm diameter is by separate sockets giving maximum flexibility for installation. 150mm circular pipes and all square and rectangular pipes have welded on sockets
- Simple fixing to wall by eared sockets or by a choice of pipe clips
- Minimal maintenance requirements

Heritage Half Round Gutter



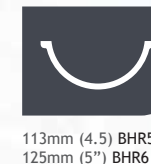
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Heritage Beaded Half Round Gutter



See page 22



Heritage Beaded Deep Run Gutter



See page 22



Heritage Victorian Ogee Gutter



See page 25



Heritage Moulded Gutter



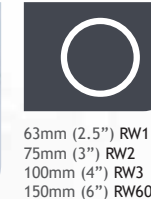
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Heritage Circular Pipe



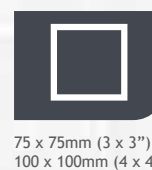
See page 32



Heritage Square Pipe



See page 40



Heritage Rectangular Pipe



See page 40

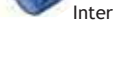


Images shown are in a textured finish



HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
HALF ROUND		HALF ROUND SOCKETED SYSTEM GUTTERS, UNION CLIPS, STOP-ENDS AND OUTLETS			
Description		Nom. Size	Code	Price MILL £	Price PPC £
GUTTERS - Sundry items will be required see page 96					
	1.83m	100mm (4")	HR1/1PPC	44.19	71.51
		113mm (4.5")	HR2/16PPC	46.84	74.85
		125mm (5")	HR3/132PPC	55.17	84.10
		150mm (6")	HR6/1830PPC	146.75	173.83
	0.61m	100mm (4")	HR1/153PPC	23.69	37.28
		113mm (4.5")	HR2/154PPC	25.10	39.24
		125mm (5")	HR3/155PPC	29.60	43.90
UNION CLIPS					
		100mm (4")	HR1/11PPC	7.21	10.59
		113mm (4.5")	HR2/26PPC	7.38	11.14
		125mm (5")	HR3/148PPC	9.56	13.58
		150mm (6")	HR6/UCPPC	22.60	25.96
STOP-ENDS					
	External Left/Right Hand	100mm (4")	HR1/13PPC	7.21	10.59
		113mm (4.5")	HR2/28PPC	7.38	11.14
		125mm (5")	HR3/150PPC	9.56	13.58
		150mm (6")	HR6/SE/EXTPPC	22.60	25.96
	Internal Left/Right Hand	100mm (4")	HR1/12PPC	7.21	10.59
		113mm (4.5")	HR2/27PPC	7.38	11.14
		125mm (5")	HR3/149PPC	9.56	13.58
		150mm (6")	HR6/SE/INTPPC	22.60	25.96
	Socket with Outlet Pipe 63mm Ø Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.	100mm (4")	HR1/9PPC	14.12	20.89
		113mm (4.5")	HR2/24PPC	15.76	23.96
		125mm (5")	HR3/144PPC	16.54	25.42
		150mm (6")	HR6/SE/INTPPC	22.60	25.96
	Spigot with Outlet Pipe 63mm Ø	100mm (4")	HR1/10PPC	14.12	20.89
		113mm (4.5")	HR2/25PPC	15.76	23.96
		125mm (5")	HR3/147PPC	16.54	25.42
		150mm (6")	HR3/146PPC	16.54	25.42
RUNNING OUTLETS - with Double Spigot Socket					
	Pipe 63mm Ø Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.	100mm (4")	HR1/8PPC	17.10	23.44
		113mm (4.5")	HR2/23PPC	18.17	25.57
		125mm (5")	HR3/141PPC	19.53	27.71
		150mm (6")	HR6/RO25PPC	49.28	56.67

HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
HALF ROUND		HALF ROUND SOCKETED SYSTEM OUTLETS, ANGLES AND BRACKETS			
Description		Nom. Size	Code	Price MILL £	Price PPC £
RUNNING OUTLETS - with Double Socket (continued)					
	75mm Ø	100mm (4")	HR1/367PPC	18.60	26.38
		113mm (4.5")	HR2/3/23PPC	18.17	25.57
		125mm (5")	HR3/140PPC	19.53	27.71
		150mm (6")	HR6/RO30PPC	49.28	56.67
	100mm Ø	125mm (5")	HR3/139PPC	19.53	27.71
		150mm (6")	HR6/RO40PPC	49.28	56.67
	75 x 75mm □ Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.	100mm (4")	HR1/381PPC	45.90	50.55
		113mm (4.5")	HR2/382PPC	46.46	51.85
125mm (5")		HR3/383PPC	47.14	53.20	
100 x 75mm □		125mm (5")	HR3/384PPC	52.34	59.06
90° ANGLES					
	External	100mm (4")	HR1/5PPC	14.84	21.68
		113mm (4.5")	HR2/20PPC	16.92	24.44
		125mm (5")	HR3/136PPC	19.01	25.96
		150mm (6")	HR6/90EXTPPC	22.60	27.13
	Internal	100mm (4")	HR1/4PPC	14.84	21.68
		113mm (4.5")	HR2/19PPC	16.92	24.44
		125mm (5")	HR3/135PPC	19.01	25.96
		150mm (6")	HR6/90INTPPC	22.60	27.13
135° ANGLES					
	External	100mm (4")	HR1/7PPC	14.84	21.68
		113mm (4.5")	HR2/22PPC	16.92	24.44
		125mm (5")	HR3/138PPC	19.01	27.13
		Internal	100mm (4")	HR1/6PPC	14.84
113mm (4.5")			HR2/21PPC	16.92	24.44
125mm (5")			HR3/137PPC	19.01	27.13
FASCIA BRACKETS - For additional brackets see page 30 - 31					
		100mm (4")	HR1/14PPC	4.25	5.65
		113mm (4.5")	HR2/29PPC	4.31	5.73
		125mm (5")	HR3/151PPC	7.79	10.55
		150mm (6")	HR6/FBPPC	11.75	21.11

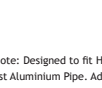
HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
BEADED HALF ROUND		HALF ROUND SOCKETED SYSTEM GUTTERS, UNION CLIPS, STOP-ENDS AND OUTLETS			
Description		Nom. Size	Code	Price MILL £	Price PPC £
GUTTERS - Sundry items will be required see page 98					
	1.83m	113mm (4.5")	BHR5/300PPC	57.03	91.28
		125mm (5")	BHR6/325PPC	67.20	102.41
	0.61m	113mm (4.5")	BHR5/303PPC	31.24	38.88
		125mm (5")	BHR6/328PPC	48.49	57.96
UNION CLIPS					
		113mm (4.5")	BHR5/UCPPC	16.04	18.13
		125mm (5")	BHR6/UCPPC	23.86	25.75
STOP-ENDS					
	External Left/Right Hand	113mm (4.5")	BHR5/306PPC	13.14	16.82
		125mm (5")	BHR6/331PPC	15.33	19.27
	Internal Left/Right Hand	113mm (4.5")	BHR5/318PPC	13.14	16.82
		125mm (5")	BHR6/149PPC	15.33	19.27
	Socket with Outlet Pipe 63mm Ø	113mm (4.5")	BHR5/RO25SEPPC	49.37	54.31
		125mm (5")	BHR6/RO25SEPPC	50.62	57.21
	75mm Ø	113mm (4.5")	BHR5/RO30SEPPC	49.37	54.31
		125mm (5")	BHR6/RO30SEPPC	50.62	57.21
	75 x 75mm □	113mm (4.5")	BHR5/SO33SEPPC	49.37	54.31
		125mm (5")	BHR6/SO33SEPPC	50.62	57.21
RUNNING OUTLETS - with Single Spigot/Socket					
	Pipe 63mm Ø	113mm (4.5")	BHR5/305PPC	24.80	32.53
		125mm (5")	BHR6/330PPC	26.65	35.08
	75mm Ø	113mm (4.5")	BHR5/308PPC	24.80	32.53
		125mm (5")	BHR6/333PPC	26.65	35.08
	75 x 75mm □	113mm (4.5")	BHR5/SO33PPC	49.37	54.31
		125mm (5")	BHR6/SO33PPC	50.62	57.21
Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.					

HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
BEADED HALF ROUND		BEADED HALF ROUND SOCKETED SYSTEM OUTLETS, ANGLES AND FASCIA BRACKETS			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
RUNNING OUTLETS - with Double Socket					
 75 x 75mm □ Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.	63mm Ø	113mm (4.5")	BHR5/304PPC	24.80	32.53
		125mm (5")	BHR6/329PPC	26.65	35.08
	75mm Ø	113mm (4.5")	BHR5/307PPC	24.80	32.53
		125mm (5")	BHR6/332PPC	26.65	35.08
		113mm (4.5")	BHR5/384PPC	49.37	54.31
		125mm (5")	BHR6/385PPC	50.62	57.21
		125mm (5")	BHR6/RO40PPC	67.12	73.58
90° ANGLES					
  	External	113mm (4.5")	BHR5/311PPC	23.56	31.26
		125mm (5")	BHR6/336PPC	26.05	34.63
	Combined	113mm (4.5")	BHR5/309PPC	23.56	31.26
		125mm (5")	BHR6/334PPC	26.05	34.63
	Internal	113mm (4.5")	BHR5/310PPC	23.56	31.26
		125mm (5")	BHR6/335PPC	26.05	34.63
135° ANGLES					
  	External	113mm (4.5")	BHR5/EA135PPC	49.37	54.31
		125mm (5")	BHR6/EA135PPC	50.62	57.21
	Combined	113mm (4.5")	BHR5/IA135DPPC	55.82	62.18
		125mm (5")	BHR6/IA135DPPC	57.10	62.93
	Internal	113mm (4.5")	BHR5/IA135PPC	49.37	54.31
		125mm (5")	BHR6/IA135PPC	50.62	57.21
FASCIA BRACKETS					
		113mm (4.5")	BHR5/315PPC	7.38	11.06
		125mm (5")	BHR6/337PPC	9.56	13.58

HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
BEADED DEEP RUN		BEADED DEEP RUN SOCKETED SYSTEM GUTTERS, STOP-ENDS, OUTLETS, UNION CLIPS, ANGLES AND FASCIA BRACKETS			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
GUTTERS - Sundry items will be required see page 98					
	1.83m	113 x 75mm	HR4/243PPC	95.04	127.03
	0.61m	113 x 75mm	HR4/246PPC	61.31	70.39
UNION CLIP					
		113 x 75mm	HR4/UCPPC	16.96	19.06
STOP-ENDS					
	External Left/Right Hand	113 x 75mm	HR4/250PPC	19.41	22.84
	Internal Left/Right Hand	113 x 75mm	HR4/249PPC	19.41	22.84
RUNNING OUTLETS - with Double Spigot/Socket					
	63mm Ø	113 x 75mm	HR4/248PPC	43.16	54.37
	75mm Ø	113 x 75mm	HR4/369PPC	80.59	89.83
	75 x 75mm □	113 x 75mm	HR4/410PPC	75.02	83.53
	100 x 75mm □	113 x 75mm	HR4/411PPC	75.02	83.53
Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.					
90° ANGLES - Combined					
		113 x 75mm	HR4/247PPC	50.57	57.24
135° ANGLES - Combined					
		113 x 75mm	HR4/371PPC	87.57	92.65
FASCIA BRACKETS					
		113 x 75mm	HR4/251PPC	19.41	22.84

HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
VICTORIAN OGEE		VICTORIAN OGEE SOCKETED SYSTEM GUTTERS, UNION CLIPS, STOP-ENDS AND OUTLETS			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
GUTTERS - Sundry items will be required see page 98					
	1.83m	100mm (4")	OG1/31PPC	58.16	89.18
		113mm (4.5")	OG2/45PPC	67.38	99.18
		125mm (5")	OG3/173PPC	76.89	109.53
	0.61m	100mm (4")	OG1/156PPC	33.54	42.30
		113mm (4.5")	OG2/157PPC	42.06	51.85
		125mm (5")	OG3/176PPC	44.86	54.07
UNION CLIPS					
		100mm (4")	OG1/41PPC	7.82	11.21
		113mm (4.5")	OG2/55PPC	8.31	11.93
		125mm (5")	OG3/184PPC	9.63	14.03
STOP-ENDS					
	External Right Hand	100mm (4")	OG1/43PPC	7.82	11.21
		113mm (4.5")	OG2/57PPC	8.31	11.93
		125mm (5")	OG3/186PPC	8.94	13.08
	Internal Left Hand	100mm (4")	OG1/42PPC	7.82	11.21
		113mm (4.5")	OG2/56PPC	8.31	11.93
		125mm (5")	OG3/185PPC	8.94	13.08
LEFT HAND STOP END OUTLET					
	Pipe 63mm Ø Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.	100mm (4")	OG1/40PPC	14.62	21.34
		113mm (4.5")	OG2/54PPC	16.31	23.87
		125mm (5")	OG3/183PPC	19.01	27.13
	75mm Ø	125mm (5")	OG3/3/183PPC	19.01	27.13
RIGHT HAND STOP END OUTLET					
	Pipe 63mm Ø Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.	100mm (4")	OG1/39PPC	14.62	21.34
		113mm (4.5")	OG2/53PPC	16.31	23.87
		125mm (5")	OG3/182PPC	19.01	27.13
	75mm Ø	125mm (5")	OG3/3/182PPC	19.01	27.13

HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
VICTORIAN OGEE		VICTORIAN OGEE SOCKETED SYSTEM OUTLETS, ANGLES AND BRACKETS			
Description		Nom. Size	Code	Price MILL £	Price PPC £
RUNNING OUTLETS - with Single Spigot/Socket					
	63mm Ø	100mm (4'')	OG1/38PPC	20.51	27.51
		113mm (4.5'')	OG2/52PPC	20.84	27.85
		125mm (5'')	OG3/181PPC	22.40	30.42
	75mm Ø	113mm (4.5'')	OG2/368PPC	62.48	68.24
		125mm (5'')	OG3/3/181PPC	24.08	32.73
			75 x 75mm □	100mm (4'')	OG1/386PPC
113mm (4.5'')	OG2/387PPC			62.48	68.24
125mm (5'')	OG3/388PPC			68.84	74.66
Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.					
90 ° ANGLES					
	External	100mm (4'')	OG1/34PPC	16.52	23.20
		113mm (4.5'')	OG2/48PPC	20.37	27.63
		125mm (5'')	OG3/177PPC	24.32	32.24
	Internal	100mm (4'')	OG1/35PPC	16.52	23.20
		113mm (4.5'')	OG2/49PPC	20.37	27.63
		125mm (5'')	OG3/178PPC	24.32	32.24
135 ° ANGLES					
	External	100mm (4'')	OG1/36PPC	16.52	23.20
		113mm (4.5'')	OG2/50PPC	20.37	27.63
		125mm (5'')	OG3/179PPC	24.32	32.24
	Internal	100mm (4'')	OG1/37PPC	16.52	23.20
		113mm (4.5'')	OG2/51PPC	20.37	27.63
		125mm (5'')	OG3/180PPC	24.32	32.24
FASCIA BRACKETS					
		100mm (4'')	OG1/44PPC	7.82	11.19
		113mm (4.5'')	OG2/58PPC	8.31	11.93
		125mm (5'')	OG3/187PPC	8.94	13.08

HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
MOULDED		MOULDED SPIGOTTED SYSTEM GUTTERS, UNION CLIPS, STOP-ENDS AND OUTLETS			
Description		Nom. Size	Code	Price MILL £	Price PPC £
GUTTERS - Sundry items required see pages 98 / Support brackets required see page 31					
	1.83m	100 x 75mm (4 x 3")	MG2/217PPC	87.08	119.26
		125 x 100mm (5 x 4")	MG1/196PPC	112.19	145.06
		150 x 100mm (6 x 4")	MG3/259PPC	145.25	180.54
	0.61m	100 x 75mm (4 x 3")	MG2/220PPC	55.28	64.75
		125 x 100mm (5 x 4")	MG1/199PPC	70.25	79.62
		150 x 100mm (6 x 4")	MG3/262PPC	89.98	100.11
*MG3 gutter has the socket on the opposite end					
UNION CLIPS					
		100 x 75mm (4 x 3")	MG2/231PPC	12.76	16.21
		125 x 100mm (5 x 4")	MG1/213PPC	15.45	19.09
		150 x 100mm (6 x 4")	MG3/269PPC	33.26	37.52
STOP-ENDS					
	External Left Hand	100 x 75mm (4 x 3")	MG2/233PPC	12.76	16.21
		125 X 100mm (5 x 4")	MG1/215PPC	15.45	19.09
	External Right Hand	150 x 100mm (6 x 4")	MG3/271PPC	33.26	37.52
	Internal Left Hand	150 x 100mm (6 x 4")	MG3/270PPC	33.26	37.52
	Internal Right Hand	100 x 75mm (4 x 3")	MG2/232PPC	12.76	16.21
		125 X 100mm (5 x 4")	MG1/214PPC	15.45	19.09
RUNNING OUTLETS - with Single Spigot/Socket					
	63mm Ø	100 x 75mm (4 x 3")	MG2/225PPC	19.19	26.50
		125 x 100mm (5 x 4")	MG1/205PPC	29.98	37.55
		150 x 100mm (6 x 4")*	MG3/267PPC	69.10	75.65
	75mm Ø	100 x 75mm (4 x 3")	MG2/370PPC	56.54	62.05
		125 x 100mm (5 x 4")	MG1/204PPC	29.98	37.55
		150 x 100mm (6 x 4")*	MG3/266PPC	69.10	75.65
	100mm Ø	125 x 100mm (5 x 4")	MG1/253PPC	29.98	37.55
		150 x 100mm (6 x 4")*	MG3/265PPC	69.10	75.65
		100 x 75mm (4 x 3")	MG2/356PPC	94.55	100.67
	75 x 75mm □	125 x 100mm (5 x 4")	MG1/358PPC	114.41	119.65
		150 x 100mm (6 x 4")*	MG3/361PPC	132.41	135.66
		100 x 75mm (4 x 3")	MG2/357PPC	94.55	100.14
	100 x 75mm □	125 x 100mm (5 x 4")	MG1/359PPC	114.41	119.65
		150 x 100mm (6 x 4")*	MG3/362PPC	132.41	135.66
		125 x 100mm (5 x 4")	MG1/360PPC	114.41	119.65
	100 x 100mm □	150 x 100mm (6 x 4")*	MG3/363PPC	132.41	135.66
Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint, Swaged or Guardian pipes.					

HERITAGE CAST ALUMINIUM GUTTER SYSTEM					
MOULDED		MOULDED SPIGOTTED SYSTEM ANGLES			
Description		Nom. Size	Code	Price MILL £	Price PPC £
90 ° ANGLES					
	External	100 x 75mm (4 x 3")	MG2/221PPC	18.62	26.15
		125 x 100mm (5 x 4")	MG1/200PPC	29.98	37.55
		150 x 100mm (6 x 4")	MG3/263PPC	69.10	75.65
	Internal	100 x 75mm (4 x 3")	MG2/222PPC	18.62	26.15
		125 x 100mm (5 x 4")	MG1/201PPC	29.98	37.55
		150 x 100mm (6 x 4")	MG3/264PPC	69.10	75.65
135 ° ANGLES					
	External	100 x 75mm (4 x 3")	MG2/223PPC	18.62	26.15
		125 x 100mm (5 x 4")	MG1/202PPC	29.98	37.55
		150 x 100mm (6 x 4")	MG3/272PPC	69.10	75.65
	Internal	100 x 75mm (4 x 3")	MG2/224PPC	18.62	26.15
		125 x 100mm (5 x 4")	MG1/203PPC	29.98	37.55
		150 x 100mm (6 x 4")	MG3/273PPC	69.10	75.65
145 ° ANGLES					
	External	125 x 100mm (5 x 4")	MG1/329PPC	66.17	73.08
		150 x 100mm (6 x 4")	MG3/333PPC	106.29	110.96
	Internal	125 x 100mm (5 x 4")	MG1/330PPC	66.17	73.08
		150 x 100mm (6 x 4")	MG3/334PPC	106.29	110.96
150 ° ANGLES					
	External	125 x 100mm (5 x 4")	MG1/331PPC	66.17	73.08
		150 x 100mm (6 x 4")	MG3/335PPC	106.29	110.95
	Internal	125 x 100mm (5 x 4")	MG1/332PPC	66.17	73.08
		150 x 100mm (6 x 4")	MG3/336PPC	106.29	110.96

HERITAGE CAST ALUMINIUM GUTTER SYSTEM				
MOULDED		RAFTER ARMS AND BRACKETS		
Description		Nom. Size	Code	Price MILL £ Price PPC £
SUPPORT BRACKETS - Required for Direct Fix				
	100 x 75mm (4 x 3")	MG2/373PPC	4.39	6.64
	125 x 100mm (5 x 4")	MG1/374PPC	4.39	6.64
	150 x 100mm (6 x 4")	MG3/375PPC	4.39	6.64
FASCIA BRACKETS				
	100 x 75mm (4 x 3")	MG2/234PPC	12.76	16.21
	125 x 100mm (5 x 4")	MG1/216PPC	15.45	19.09
	150 x 100mm (6 x 4")	MG3/268PPC	19.03	28.10
RAFTER ARMS				
Not suitable HR6 FASCIA BRACKETS				
	26° Top Fix	UNI632915PPC	14.37	16.66
	40° Top Fix	UNI632916PPC	14.37	16.66
	26° Side Fix	UNI632917PPC	14.37	16.66
	40° Side Fix	UNI632918PPC	14.37	16.66
Please note: Fascia brackets for your chosen gutter profile are required. Old style brackets are available on request, rafter brackets can be manufactured to suit any pitch of roof.				
DRIVE IN RISE AND FALL BRACKETS				
Not suitable HR6 FASCIA BRACKETS				
	Universal	UNI632919PPC	29.44	30.88
	Please note: Fascia brackets for your chosen gutter profile are required. Old style brackets are available on request, rafter brackets can be manufactured to suit any pitch of roof.			

HERITAGE CAST ALUMINIUM GUTTER SYSTEM				
FIXINGS FOR GUTTERS		RAFTER ARMS AND BRACKETS		
Description	Nom. Size	Code	Price MILL £	Price PPC £
OLD STYLE RAFTER BRACKETS - 40° HALF ROUND				
	100mm Top Fix	HR1/RB/TFPPC	8.82	10.12
	113mm Top Fix	HR2/RB/TFPPC	8.82	10.12
	125mm Top Fix	HR3/RB/TFPPC	8.82	10.12
	100mm Side Fix	HR1/RB/SFPPC	8.82	10.12
	113mm Side Fix	HR2/RB/SFPPC	8.82	10.12
	125mm Side Fix	HR3/RB/SFPPC	8.82	10.12
OLD STYLE RISE AND FALL BRACKETS - HALF ROUND				
	100mm with Understay/Spike	HR1/R&F/ASSYPPC	17.26	19.83
	113mm with Understay/Spike	HR2/R&F/ASSYPPC	17.51	20.15
	125mm with Understay/Spike	HR3/R&F/ASSYPPC	17.83	20.52
OLD STYLE RAFTER BRACKETS - 40° BEADED HALF ROUND				
	113mm Top Fix	BHR5/RB/TFPPC	11.32	13.04
	125mm Top Fix	BHR6/RB/TFPPC	11.93	13.73
	113mm Side Fix	BHR5/RB/SFPPC	11.32	13.04
	125mm Side Fix	BHR6/RB/SFPPC	11.93	13.73
OLD STYLE RISE AND FALL BRACKETS - BEADED HALF ROUND				
	113mm with Understay/Spike	BHR5/R&F/ASSYPPC	19.56	22.44
	125mm with Understay/Spike	BHR6/R&F/ASSYPPC	19.86	22.83
OLD STYLE RAFTER BRACKETS - 40° BEADED DEEP RUN				
	113 x 75mm Top Fix	HR4/RB/TFPPC	12.62	14.45
	113 x 75mm Side Fix	HR4/RB/SFPPC	12.62	14.45
OLD STYLE RISE AND FALL BRACKETS - BEADED DEEP RUN				
	113 x 75mm with Understay/Spike	HR4/R&F/ASSYPPC	21.80	25.05

HERITAGE CAST ALUMINIUM GUTTER SYSTEM				
FIXINGS FOR GUTTERS		RAFTER ARMS AND BRACKETS		
Description	Nom. Size	Code	Price MILL £	Price PPC £
OLD STYLE RAFTER BRACKETS - 40° VICTORIAN OGEE				
	100mm Top Fix	OG1/RB/TFPPC	14.20	16.31
	113mm Top Fix	OG2/RB/TFPPC	14.20	16.31
	125mm Top Fix	OG3/RB/TFPPC	14.20	16.31
	100mm Side Fix	OG1/RB/SFPPC	14.20	16.31
	113mm Side Fix	OG2/RB/SFPPC	14.20	16.31
	125mm Side Fix	OG3/RB/SFPPC	14.20	16.31
OLD STYLE RISE AND FALL BRACKETS - VICTORIAN OGEE				
	100mm with Understay/Spike	OG1/R&F/ASSYPPC	20.88	23.99
	113mm with Understay/Spike	OG2/R&F/ASSYPPC	21.16	24.33
	125mm with Understay/Spike	OG3/R&F/ASSYPPC	21.28	24.72
OLD STYLE RAFTER BRACKETS - 40° MOULDED				
	100 x 75mm Top Fix	MG2/RB/TFPPC	14.20	16.31
	125 x 100mm Top Fix	MG1/RB/TFPPC	14.20	16.31
	150 x 100mm Top Fix	MG3/RB/TFPPC	14.20	16.31
	100 x 75mm Side Fix	MG2/RB/SFPPC	14.20	16.31
	125 x 100mm Side Fix	MG1/RB/SFPPC	14.20	16.31
	150 x 100mm Side Fix	MG3/RB/SFPPC	14.20	16.31
OLD STYLE RISE AND FALL BRACKETS - MOULDED				
	100 x 75mm with Understay/Spike	MG2/R&F/ASSYPPC	21.69	24.94
	125 x 100mm with Understay/Spike	MG1/R&F/ASSYPPC	21.88	25.24
	150 x 100mm with Understay/Spike	MG3/R&F/ASSYPPC	22.58	25.95

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

HERITAGE CIRCULAR PIPES AND FITTINGS
PIPES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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PIPES WITH EARS

	63mm Ø	3.0m	RW1/3MPPC	67.75	88.91
		2.0m	RW1/2MPPC	48.54	67.54
		1.0m	RW1/1MPPC	30.80	42.78
	75mm Ø	3.0m	RW2/3MPPC	79.02	103.59
		2.0m	RW2/2MPPC	56.50	78.71
		1.0m	RW2/1MPPC	35.53	49.60
	100mm Ø	3.0m	RW3/3MPPC	131.92	176.30
		2.0m	RW3/2MPPC	96.46	134.32
		1.0m	RW3/1MPPC	63.19	87.98
	150mm Ø	3.0m	RW60/3MPPC	285.06	363.56
		2.0m	RW60/2MPPC	212.79	281.50
		1.0m	RW60/1MPPC	124.09	179.27

Note: Heritage Circular pipes are normally supplied eared. Where ears are not required the product code is suffixed /NE

PIPES WITHOUT EARS

	63mm Ø	3.0m	RW1/3M/NEPPC	67.75	88.91
		2.0m	RW1/2M/NEPPC	48.54	67.54
		1.0m	RW1/1M/NEPPC	30.80	42.78
	75mm Ø	3.0m	RW2/3M/NEPPC	79.02	103.59
		2.0m	RW2/2M/NEPPC	56.50	78.71
		1.0m	RW2/1M/NEPPC	35.53	49.60
	100mm Ø	3.0m	RW3/3M/NEPPC	131.92	176.30
		2.0m	RW3/2M/NEPPC	96.46	134.32
		1.0m	RW3/1M/NEPPC	63.19	87.98
	150mm Ø	3.0m	RW60/3M/NEPPC	285.26	363.56
		2.0m	RW60/2M/NEPPC	212.79	281.50
		1.0m	RW60/1M/NEPPC	124.09	179.27

THICKWALL PIPES WITH EARS

	63mm Ø	2.0m	RWT/25/2MPPC	121.59	147.27
	75mm Ø	2.0m	RWT/30/2MPPC	142.82	171.77
	100mm Ø	2.0m	RWT/40/2MPPC	204.70	236.40

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

HERITAGE CIRCULAR PIPES AND FITTINGS
BENDS, BRANCHES AND ACCESS PIPES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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BENDS

	92.5°	63mm Ø	RW1/69PPC	16.95	21.02
		75mm Ø	RW2/83PPC	22.22	26.62
		100mm Ø	RW3/128PPC	32.47	37.04
	112.5°	150mm Ø	RW60/B/92PPC	114.38	144.49
		63mm Ø	RW1/70PPC	16.95	21.02
		75mm Ø	RW2/84PPC	22.22	26.62
	135°	100mm Ø	RW3/129PPC	32.47	37.04
		150mm Ø	RW60/B/112PPC	114.38	144.49
		63mm Ø	RW1/165PPC	16.95	21.02
		75mm Ø	RW2/327PPC	22.22	26.62
		100mm Ø	RW3/328PPC	32.47	37.04
		150mm Ø	RW60/B/135PPC	114.38	144.49

BRANCHES

	92.5°	63mm Ø	RW1/67PPC	22.22	27.48
		75mm Ø	RW2/81PPC	27.59	33.06
		100mm Ø	RW3/126PPC	38.39	44.30
	112.5°	150mm Ø	RW60/BR/92PPC	200.39	254.98
		63mm Ø	RW1/68PPC	22.22	27.48
		75mm Ø	RW2/82PPC	27.59	33.06
	135°	100mm Ø	RW3/127PPC	38.39	44.30
		150mm Ø	RW60/BR/112PPC	200.39	254.98
		63mm Ø	RW1/BR/135PPC	83.53	100.24
		75mm Ø	RW2/BR/135PPC	89.20	107.04
		100mm Ø	RW3/BR/135PPC	102.67	123.26
		150mm Ø	RW60/BR/135PPC	200.39	254.98

ACCESS PIPES

	Pipe Without Ears	63mm Ø	RW1/256PPC	56.52	59.97
		75mm Ø	RW2/257PPC	61.75	65.52
		100mm Ø	RW3/258PPC	73.65	77.64
		150mm Ø	RW60/ACPPC	146.19	207.81

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

HERITAGE CIRCULAR PIPES AND FITTINGS
OFFSETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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112.5° OFFSETS

	63mm Ø	75mm Offset	RW1/87PPC	32.62	34.30
		113mm Offset	RW1/163PPC	35.98	38.39
		150mm Offset	RW1/62PPC	40.44	42.82
		228mm Offset	RW1/63PPC	45.83	48.57
		304mm Offset	RW1/64PPC	51.34	54.13
		381mm Offset	RW1/65PPC	56.85	59.82
		457mm Offset	RW1/88PPC	62.30	65.44
		533mm Offset	RW1/89PPC	67.85	71.15
		609mm Offset	RW1/164PPC	73.37	76.73
		685mm Offset	RW1/190PPC	78.73	82.39
	75mm Ø	75mm Offset	RW2/90PPC	39.54	42.88
		113mm Offset	RW2/168PPC	41.28	44.09
		150mm Offset	RW2/76PPC	45.44	48.00
		228mm Offset	RW2/77PPC	50.66	53.69
		304mm Offset	RW2/78PPC	56.27	59.39
		381mm Offset	RW2/79PPC	61.75	65.01
		457mm Offset	RW2/91PPC	72.18	76.03
		533mm Offset	RW2/92PPC	77.97	82.03
		609mm Offset	RW2/169PPC	84.02	88.16
		685mm Offset	RW2/192PPC	90.10	94.17
		762mm Offset	RW2/193PPC	95.76	100.32

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

HERITAGE CIRCULAR PIPES AND FITTINGS
OFFSETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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112.5° OFFSETS

	100mm Ø	75mm Offset	RW3/118PPC	44.67	48.61
		113mm Offset	RW3/171PPC	48.15	51.62
		150mm Offset	RW3/119PPC	51.92	55.03
		228mm Offset	RW3/120PPC	58.74	62.12
		304mm Offset	RW3/121PPC	65.59	68.95
		381mm Offset	RW3/122PPC	72.40	76.05
		457mm Offset	RW3/123PPC	82.87	87.22
		533mm Offset	RW3/124PPC	91.43	94.87
		609mm Offset	RW3/172PPC	97.23	101.40
		685mm Offset	RW3/194PPC	104.34	108.66
	150mm Ø	75mm Offset	RW60/PO/3PPC	179.27	226.50
		150mm Offset	RW60/PO/6PPC	185.68	234.56
		228mm Offset	RW60/PO/9PPC	191.95	242.62
		304mm Offset	RW60/PO/12PPC	198.39	250.83
		381mm Offset	RW60/PO/15PPC	204.93	258.82
		457mm Offset	RW60/PO/18PPC	211.22	266.84
		533mm Offset	RW60/PO/21PPC	217.57	274.96
		609mm Offset	RW60/PO/24PPC	224.09	283.00

Please note that offsets in the 6" Rainwater pipe range are fabricated cut and mitred.

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

HERITAGE CIRCULAR PIPES AND FITTINGS
OFFSETS AND SHOES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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112.5° TWO PART OFFSETS

	63mm	228mm Offset	RW1/350PPC	36.71	39.92
		381mm Offset	RW1/351PPC	39.54	43.02
		457mm Offset	RW1/352PPC	40.98	45.08
		685mm Offset	RW1/353PPC	45.65	50.89
	75mm Ø	914mm Offset	RW1/354PPC	49.41	55.13
		228mm Offset	RW2/343PPC	39.70	45.14
		381mm Offset	RW2/344PPC	43.12	49.14
		457mm Offset	RW2/345PPC	44.96	51.29
	100mm Ø	685mm Offset	RW2/346PPC	50.66	57.84
		914mm Offset	RW2/347PPC	55.61	63.44
		228mm Offset	RW3/2/228PPC	78.98	85.42
		381mm Offset	RW3/2/381PPC	81.09	88.28
		457mm Offset	RW3/2/457PPC	83.94	90.71
		685mm Offset	RW3/2/685PPC	88.33	92.62
		914mm Offset	RW3/2/914PPC	92.45	97.48

SHOES

	Pipe Without Ears	63mm Ø	RW1/66/NEPPC	14.83	19.71
		75mm Ø	RW2/80/NEPPC	20.54	27.10
		100mm Ø	RW3/125/NEPPC	24.55	32.66
		150mm Ø	RW60/SH/NEPPC	108.81	137.48
	Pipe With Ears	63mm Ø	RW1/66PPC	14.83	19.71
		75mm Ø	RW2/80PPC	20.54	27.10
		100mm Ø	RW3/125PPC	24.55	32.66
		150mm Ø	RW60/SHPPC	108.81	137.48

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

HERITAGE CIRCULAR PIPES AND FITTINGS
SOCKETS AND PIPE CLIPS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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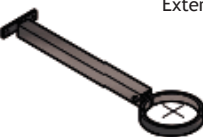
SOCKETS

	With Ears	63mm Ø	RW1/240PPC	11.28	14.99
		75mm Ø	RW2/241PPC	13.19	17.60
		100mm Ø	RW3/242PPC	26.59	35.53
		150mm Ø	RW60/PSPPC	70.32	80.82

RAINWATER DIVERTERS

	63mm Ø	RW1/DIVPPC	93.78	99.08
	75mm Ø	RW2/DIVPPC	99.17	104.65
	100mm Ø	RW3/DIVPPC	109.97	115.89
	150mm Ø	RW60/DIVPPC	271.98	326.58

PIPE CLIPS

	Standard	63mm Ø	RW1/236PPC	6.57	8.27
		75mm Ø	RW2/237PPC	7.38	9.56
		100mm Ø	RW3/238PPC	8.33	10.84
		150mm Ø	RW60/PCPPC	25.12	29.24
	Extension Base	63mm Ø	RW1/364PPC	18.81	20.60
		75mm Ø	RW2/365PPC	19.28	21.38
		100mm Ø	RW3/366PPC	19.81	22.10
		150mm Ø	RW60/PCPPC	25.12	29.24
	With Small Base	63mm Ø	RW1/SB/PCPPC	8.74	10.93
		75mm Ø	RW2/SB/PCPPC	9.65	12.30
		100mm Ø	RW3/SB/PCPPC	10.57	13.50
		150mm Ø	RW60/PCPPC	25.12	29.24

Note: Cast aluminium sockets may be supplied without ears by adding code suffix /NE

Note: Cast aluminium sockets may be supplied without ears by adding code suffix /NE

Please note: Non eared pipes are required for use with extension base brackets, additional brackets will be needed to replace ears.

Note: Cast aluminium sockets may be supplied without ears by adding code suffix /NE

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

HERITAGE CIRCULAR PIPES AND FITTINGS
RAINWATER HOPPER HEADS, SOCKETS AND PIPE CLIPS



Description	Nom. Size	Code	Price MILL £	Price PPC £
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RAINWATER HOPPER HEADS

Flat Back (Curved Edge) W 190 x D 170 x H 180mm	63mm Ø	RW1/72PPC	28.34	33.98
	75mm Ø	RW2/86PPC	29.67	35.54
	100mm Ø	RW3/131PPC	42.84	47.77
Flat Back (Fluted Edge) W 200 x D 170 x H 170mm NEW	63mm Ø	RW1/HOP/FBPPC	73.85	78.92
	75mm Ø	RW2/HOP/FBPPC	73.85	78.92
	100mm Ø	RW3/113PPC	68.70	72.23
Rectangular W 260 x D 190 x H 180mm	63mm Ø	RW1/111PPC	39.81	44.96
	75mm Ø	RW2/112PPC	41.71	47.00
	100mm Ø	RW3/113PPC	68.70	72.23
Ornamental W 410 x D 190 x H 180mm	63mm Ø	RWOH/25PPC	314.25	342.91
	75mm Ø	RWOH/30PPC	314.25	342.91
	100mm Ø	RWOH/40PPC	314.25	342.91
Berkeley W 315 x D 200 x H 230mm	63mm Ø	RW1/HOP/BPPC	149.20	154.73
	75mm Ø	RW2/HOP/BPPC	152.40	156.44
	100mm Ø	RW3/HOP/BPPC	164.72	168.96
Chatsworth (with Motif) W 380 x D 190 x H 180mm NEW	63mm Ø	RW1/HOP/CMPPC	158.60	164.19
	75mm Ø	RW2/HOP/CMPPC	161.19	165.89
	100mm Ø	RW3/HOP/CMPPC	173.84	178.85
Chatsworth (without Motif) W 380 x D 190 x H 180mm NEW	63mm Ø	RW1/HOP/CPPC	152.59	157.84
	75mm Ø	RW2/HOP/CPPC	154.99	159.55
	100mm Ø	RW3/HOP/CPPC	166.95	172.07



HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

HERITAGE SQUARE/RECTANGULAR PIPES AND FITTINGS
PIPES, SHOES AND ACCESS PIPES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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PIPES

	75 x 75mm (3"x 3") □ With Ears	3.0m	RW33/3MPPC	169.78	198.36
		2.0m	RW33/2MPPC	120.87	149.03
		1.0m	RW33/1MPPC	73.55	92.16
	100 x 75mm (4"x 3") □ With Ears	3.0m	RW43/3MPPC	192.87	232.91
		2.0m	RW43/2MPPC	138.07	174.15
		1.0m	RW43/1MPPC	83.55	106.35
	100 x 100mm (4"x 4") □ With Ears	3.0m	RW44/3MPPC	235.90	281.55
		2.0m	RW44/2MPPC	166.55	209.61
		1.0m	RW44/1MPPC	99.76	127.25
	75 x 75mm (3"x 3") □ Without Ears	3.0m	RW33/3M/NEPPC	169.78	198.36
		2.0m	RW33/2M/NEPPC	120.87	149.03
		1.0m	RW33/1M/NEPPC	73.55	92.16
	100 x 75mm (4"x 3") □ Without Ears	3.0m	RW43/3M/NEPPC	192.87	232.91
		2.0m	RW43/2M/NEPPC	138.07	174.15
		1.0m	RW43/1M/NEPPC	83.55	106.35
	100 x 100mm (4"x 4") □ Without Ears	3.0m	RW44/3M/NEPPC	235.90	281.55
		2.0m	RW44/2M/NEPPC	166.55	209.61
		1.0m	RW44/1M/NEPPC	99.76	127.25

SHOES

	Front With Ears	75 x 75mm □	RW33/SHPPC	57.82	62.45
		100 x 75mm □	RW43/SHPPC	62.20	67.53
		100 x 100mm □	RW44/SHPPC	69.72	75.53
	Without Ears	75 x 75mm □	RW33/SH/NEPPC	57.82	62.45
		100 x 75mm □	RW43/SH/NEPPC	62.20	67.96
		100 x 100mm □	RW44/SH/NEPPC	69.72	75.53

ACCESS PIPES

	Without Ears	75 x 75mm □	RW33/ACPPPC	88.38	98.76
		100 x 75mm □	RW43/ACPPPC	93.26	105.60
		100 x 100mm □	RW44/ACPPPC	105.19	115.71

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

HERITAGE SQUARE/RECTANGULAR PIPES AND FITTINGS
BENDS AND BRANCHES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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BENDS

	92.5° Without Ears	75 x 75mm □	RW33/B/92PPC	62.20	67.43
		100 x 75mm □	RW43/FB/92PPC	71.05	76.45
		100 x 100mm □	RW44/B/92PPC	83.77	88.80
	112.5° Without Ears	75 x 75mm □	RW33/B/112PPC	62.20	67.43
		100 x 75mm □	RW43/FB/112PPC	71.05	76.45
		100 x 100mm □	RW44/B/112PPC	83.77	88.80
	135° Without Ears	75 x 75mm □	RW33/B/135PPC	62.20	67.43
		100 x 75mm □	RW43/FB/135PPC	71.05	76.45
		100 x 100mm □	RW44/B/135PPC	83.77	88.80
	92.5° Without Ears	75 x 75mm □	RW33/B/92PPC	62.20	67.43
		100 x 75mm □	RW43/SB/92 L or R*PPC	71.05	76.45
		100 x 100mm □	RW44/B/92PPC	83.77	88.80
	112.5° Without Ears	75 x 75mm □	RW33/B/112PPC	62.20	67.43
		100 x 75mm □	RW43/SB/112 L or R*PPC	71.05	76.45
		100 x 100mm □	RW44/B/112PPC	83.77	88.80
	135° Without Ears	75 x 75mm □	RW33/B/135PPC	62.20	67.43
		100 x 75mm □	RW43/SB/135L or R*PPC	71.05	76.45
		100 x 100mm □	RW44/B/135PPC	83.77	88.80

*Note: The order code for cast aluminium LEFT and RIGHT BENDS should be suffixed with 'L' for LEFT bends or 'R' for RIGHT bends as appropriate.

BRANCHES

	92.5° Without Ears	75 x 75mm □	RW33/BR/92PPC	122.03	157.36
		100 x 75mm □	RW43/SBR/92PPC	134.17	169.96
		100 x 100mm □	RW44/BR/92PPC	143.52	176.23
	112.5° Without Ears	75 x 75mm □	RW33/BR/112PPC	122.03	157.36
		100 x 75mm □	RW43/SBR/112PPC	134.17	169.96
		100 x 100mm □	RW44/BR/112PPC	143.52	176.23

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

HERITAGE SQUARE/RECTANGULAR PIPES AND FITTINGS
BRANCHES, OFFSETS & PIPE CLIPS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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BRANCHES (continued)

	135° Without Ears	75 x 75mm □	RW33/BR/135PPC	122.03	157.36
		100 x 75mm □	RW43/BR/135PPC	134.17	169.96
		100 x 100mm □	RW44/BR/135PPC	143.52	176.23

112.5° OFFSETS

	Pipe 75 x 75mm	75mm Offset	RW33/PO/3PPC	77.30	86.34
	100 x 75mm □	75mm Offset	RW43/PO/3PPC	88.74	98.35
	100 x 100mm □	75mm Offset	RW44/PO/3PPC	103.01	113.10

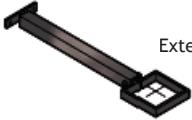
112.5° TWO-PART OFFSETS

	75 x 75mm	305mm Offset	RW33/AO/12PPC	103.79	113.03
		533mm Offset	RW33/AO/21PPC	111.46	122.15
		762mm Offset	RW33/AO/30PPC	118.94	130.40
	100 x 75mm □	305mm Offset	RW43/AO/12PPC	117.45	127.27
		533mm Offset	RW43/AO/21PPC	127.34	138.17
		762mm Offset	RW43/AO/30PPC	136.57	148.95
	100 x 100mm □	305mm Offset	RW44/AO/12PPC	136.84	147.06
		533mm Offset	RW44/AO/21PPC	152.54	164.57
		762mm Offset	RW44/AO/30PPC	166.61	180.09

RAINWATER DIVERTERS

	75 x 75mm	RW33/DIVPPC	161.79	197.14
	100 x 75mm	RW43/DIVPPC	173.93	209.72
	100 x 100mm	RW44/DIVPPC	183.30	216.00

PIPE CLIPS

  	Standard	75 x 75mm	RW33/PCPPC	6.46	8.18
		100 x 75mm	RW43/PCPPC	7.30	9.32
		100 x 100mm	RW44/PCPPC	8.54	11.11
	Extension Base	75 x 75mm	RW33/EX/PCPPC	18.96	20.92
		100 x 75mm	RW43/EX/PCPPC	19.46	21.65
		100 x 100mm	RW44/EX/PCPPC	20.94	23.55
	Small Base	75 x 75mm	RW33/SB/PCPPC	8.55	10.66
		100 x 75mm	RW43/SB/PCPPC	9.47	12.00
		100 x 100mm	RW44/SB/PCPPC	10.86	13.85

HERITAGE CAST ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

HERITAGE SQUARE/RECTANGULAR PIPES AND FITTINGS
PIPE CLIPS AND SQUARE SOCKETS

Description	Nom. Size (MM)	Code	Price MILL £	Price PPC £
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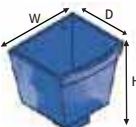
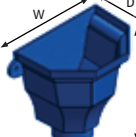
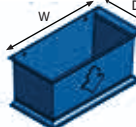
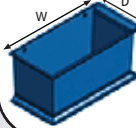
SQUARE SOCKETS

	75 x 75mm	RW33/PSPPC	23.44	30.09
	100 x 75mm	RW43/PSPPC	29.47	33.20
	100 x 100mm	RW44/PSPPC	34.68	38.62

SQUARE TO ROUND ADAPTOR

	Made to order. Lead times may be extended.	75 x 75 - 63mm	RW33/RW1PPC	75.07	77.59
		75 x 75 - 75mm	RW33/RW2PPC	75.23	77.75
		75 x 75 - 100mm	RW33/RW3PPC	76.01	78.56
		100 x 75 - 63mm	RW43/RW1PPC	75.59	78.11
		100 x 75 - 75mm	RW43/RW2PPC	75.73	78.27
		100 x 75 - 100mm	RW43/RW3PPC	76.48	79.03
		100 x 100 - 63mm	RW44/RW1PPC	75.07	77.59
		100 x 100 - 75mm	RW44/RW2PPC	75.23	77.75
		100 x 100 - 100mm	RW44/RW3PPC	76.01	78.56

RAINWATER HEADS & HOPPERS

	Rectangular W 260 x D 190 x H 180mm	75 x 75mm □	RW33/RHPPC	67.04	70.58
		100 x 75mm □	RW43/RHPPC	67.04	70.58
		100 x 100mm □	RW44/RHPPC	67.04	70.58
	Ornamental D W 410 x D 190 x H 180mm	75 x 75mm □	RWOH/33PPC	314.25	342.91
		100 x 75mm □	RWOH/43PPC	314.25	342.91
		100 x 100mm □	RWOH/44PPC	314.25	342.91
	Berkeley W 315 x D 200 x H 230mm	75 x 75mm □	RW33/HOP/BPPC	177.09	181.39
		100 x 75mm □	RW43/HOP/BPPC	177.09	181.39
		100 x 100mm □	RW44/HOP/BPPC	177.09	181.39
	Chatsworth (with Motif) D W 380 x D 190 x H 180mm	75 x 75mm □	RW33/HOP/CMPPC	187.02	191.76
		100 x 75mm □	RW43/HOP/CMPPC	187.02	191.76
		100 x 100mm □	RW44/HOP/CMPPC	187.02	191.76
	Chatsworth (without Motif) D W 380 x D 190 x H 180mm	75 x 75mm □	RW33/HOP/CPPC	181.25	185.81
		100 x 75mm □	RW43/HOP/CPPC	181.25	185.81
		100 x 100mm □	RW44/HOP/CPPC	181.25	185.81

AQUALINE[®]

EXTRUDED ALUMINIUM GUTTER SYSTEMS



Aqualine provides a compact and efficient rainwater system that significantly enhances and complements the appearance and architectural character of the building. A choice of 5 standard profiles are available with secret fix bracketry and all weather 'dry' jointing, with full provision for thermal movement.

Applications

- Provides smooth lines and intricate detailing to contemporary designed buildings
- High flow capacity for enhanced performance
- Suited to both flush and projecting eaves applications

Features & Performance

- 5 gutter profiles available in 3 metre lengths, in a choice of sizes
- Designed to fully accommodate thermal movement at every joint
- Lightweight, durable and non-corrodible
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/ marine areas)
- Easy to handle and fix
- Aqualine is patented and is also 'Design Registered'
- Aluminium is 100% recyclable

Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order
- Also available in plain mill finish for on-site painting



Manufacture

- UK manufactured
- Based on aluminium extrusions 6063 T6 alloy to BS EN 573; BS EN 755, BS EN 12020 and BS 9101

Installation & Fixings

- Concealed site fixing and jointing for a clean external appearance
- Once support brackets have been fixed to the building fabric all remaining assembly is by simple clip fix
- Joints are dry sealed using internal unions secured by sliding lock bars
- Minimal maintenance requirements



Aqualine Half Round Gutter



100 x 50mm EHR10
120 x 60mm EHR12
150 x 75mm EHR15

Aqualine Deep Run Gutter



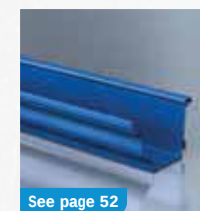
110 x 85mm EDR11

Aqualine Modern Gutter



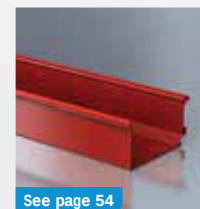
100 x 85mm EAQ10
150 x 120mm EAQ15

Aqualine Moulded Gutter



140 x 100mm EMG14
160 x 100mm EMG16

Aqualine Box Gutter



120 x 80mm EBG12
140 x 100mm EBG14
160 x 100mm EBG16



AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM

HALF ROUND

AQUALINE EXTRUDED GUTTERS AND FIXINGS
GUTTERS, UNION CLIPS, BRACKETS AND ANGLES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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GUTTER ASSEMBLIES Note: Gutter Assembly prices are for complete 3 metre assemblies including gutter length, Union Clips and Brackets.

3.0m Lengths	100 x 50mm	EHR10/3MAPPC	96.39	113.42
	120 x 60mm	EHR12/3MAPPC	114.16	134.28
	150 x 75mm	EHR15/3MAPPC	147.54	173.58

GUTTERS

3.0m Lengths	100 x 50mm	EHR10/3MPPC	74.53	87.73
	120 x 60mm	EHR12/3MPPC	91.79	108.02
	150 x 75mm	EHR15/3MPPC	124.86	146.89

UNION CLIP ASSEMBLIES Note: Includes Slide Locks.

	100 x 50mm	EHR10/UCAPPC	11.32	13.33
	120 x 60mm	EHR12/UCAPPC	11.84	13.91
	150 x 75mm	EHR15/UCAPPC	12.19	14.32

BRACKETS

Brackets only need to be ordered separately where additional are required. Brackets come inclusive with all gutter and fittings assemblies	100 x 50mm	EHR10/FBPPC	2.68	3.11
	120 x 60mm	EHR12/FBPPC	2.68	3.11
	150 x 75mm	EHR15/FBPPC	2.68	3.11

90° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.

External	100 x 50mm	EHR10/EA90APPC	38.95	45.80
	120 x 60mm	EHR12/EA90APPC	44.55	52.39
	150 x 75mm	EHR15/EA90APPC	54.38	63.97
Internal	100 x 50mm	EHR10/IA90APPC	38.95	45.80
	120 x 60mm	EHR12/IA90APPC	44.55	52.39
	150 x 75mm	EHR15/IA90APPC	54.38	63.97

135° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.

External	100 x 50mm	EHR10/EA13APPC	38.95	45.80
	120 x 60mm	EHR12/EA13APPC	44.55	52.39
	150 x 75mm	EHR15/EA13APPC	54.38	63.97
Internal	100 x 50mm	EHR10/IA13APPC	38.95	45.80
	120 x 60mm	EHR12/IA13APPC	44.55	52.39
	150 x 75mm	EHR15/IA13APPC	54.38	63.97

AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM

HALF ROUND

AQUALINE EXTRUDED GUTTERS AND FIXINGS
STOP-ENDS, OUTLETS AND STARTER PACK

Description	Nom. Size	Code	Price MILL £	Price PPC £
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STOP-END ASSEMBLIES Note: Includes Union Clips and Slide Locks.

Left Hand	100 x 50mm	EHR10/SELHAPPC	23.49	27.59
	120 x 60mm	EHR12/SELHAPPC	24.49	28.78
	150 x 75mm	EHR15/SELHAPPC	25.96	30.52
Right Hand	100 x 50mm	EHR10/SERHAPPC	23.49	27.59
	120 x 60mm	EHR12/SERHAPPC	24.49	28.78
	150 x 75mm	EHR15/SERHAPPC	25.96	30.52

RUNNING OUTLET ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.

Pipe 63mm Ø	100 x 50mm	EHR10/RO25APPC	36.91	43.39
	120 x 60mm	EHR12/RO25APPC	37.98	44.65
	150 x 75mm	EHR15/RO25APPC	45.13	53.09
75mm Ø	100 x 50mm	EHR10/RO30APPC	36.91	43.39
	120 x 60mm	EHR12/RO30APPC	37.98	44.65
	150 x 75mm	EHR15/RO30APPC	45.13	53.09
100mm Ø	150 x 75mm	EHR15/RO40APPC	45.71	53.75
	100 x 50mm	EHR10/SO33APPC	57.01	67.04
	120 x 60mm	EHR12/SO33APPC	58.42	68.74
75 x 75mm □	150 x 75mm	EHR15/SO33APPC	61.01	71.82
	100 x 50mm	EHR10/SO43APPC	57.01	67.04
	120 x 60mm	EHR12/SO43APPC	58.42	68.74
100 x 75mm □	150 x 75mm	EHR15/SO43APPC	61.01	71.82
	100 x 50mm	EHR10/SO44APPC	57.01	67.04
	120 x 60mm	EHR12/SO44APPC	58.42	68.74
100 x 100mm □	150 x 75mm	EHR15/SO44APPC	61.01	71.82
	100 x 50mm	EHR10/SO44APPC	57.01	67.04
	120 x 60mm	EHR12/SO44APPC	58.42	68.74

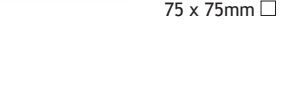
STARTER PACK A STARTER PACK IS REQUIRED WITH EACH ORDER.

This includes: P80 JOINT SEAL LUBRICANT 2x JOINTING TOOL 10x SPARE SLIDE LOCKS 20x SPARE NUMBER 12 SCREWS 8x SPARE SEAL STRIPS 20x SHIMS	100 x 50mm	EHR10/START	58.82	
	120 x 60mm	EHR12/START	58.82	
	150 x 75mm	EHR15/START	58.82	

AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM				
DEEP RUN	AQUALINE EXTRUDED GUTTERS AND FIXINGS GUTTERS, UNION CLIPS, BRACKETS AND ANGLES			
Description	Nom. Size	Code	Price MILL £	Price PPC £
GUTTER ASSEMBLIES Note: Gutter Assembly prices are for complete 3 metre assemblies including gutter length, Union Clips and Brackets.				
 3.0m Lengths	110 x 85mm	EDR11/3MAPPC	151.56	178.30
GUTTERS				
 3.0m Lengths	110 x 85mm	EDR11/3MPPC	128.75	151.49
UNION CLIP ASSEMBLIES Note: Includes Slide Locks.				
	110 x 85mm	EDR11/UCAPPC	11.46	13.50
BRACKETS				
 Brackets only need to be ordered separately where additional are required. Brackets come inclusive with all gutter and fittings assemblies	110 x 85mm	EDR11/FBPPC	2.78	3.34
90° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.				
 External	110 x 85mm	EDR11/EA90APPC	57.38	67.53
 Internal	110 x 85mm	EDR11/IA90APPC	57.38	67.53
135° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.				
 External	110 x 85mm	EDR11/EA13APPC	57.38	67.53
 Internal	110 x 85mm	EDR11/IA13APPC	57.38	67.53

AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM				
DEEP RUN	AQUALINE EXTRUDED GUTTERS AND FIXINGS STOP-ENDS, OUTLETS AND STARTER PACK			
Description	Nom. Size	Code	Price MILL £	Price PPC £
STOP-END ASSEMBLIES Note: Includes Union Clips and Slide Locks.				
 Left Hand	110 x 85mm	EDR11/SELHAPPC	29.39	34.56
 Right Hand	110 x 85mm	EDR11/SERHAPPC	29.39	34.56
RUNNING OUTLET ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.				
Pipe  63mm Ø	110 x 85mm	EDR11/RO25APPC	48.51	57.07
 75mm Ø	110 x 85mm	EDR11/RO30APPC	48.51	57.07
 100mm Ø	110 x 85mm	EDR11/RO40APPC	68.47	80.52
75 x 75mm □	110 x 85mm	EDR11/SO33APPC	63.97	75.25
100 x 75mm □	110 x 85mm	EDR11/SO43APPC	63.97	75.25
100 x 100mm □	110 x 85mm	EDR11/SO44APPC	72.36	85.14
Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.				
STARTER PACK A STARTER PACK IS REQUIRED WITH EACH ORDER.				
This includes: P80 JOINT SEAL LUBRICANT 2x JOINTING TOOL 10x SPARE SLIDE LOCKS 20x SPARE NUMBER 12 SCREWS 8x SPARE SEAL STRIPS 20x SHIMS		110 x 80mm	EDR11/START	58.82

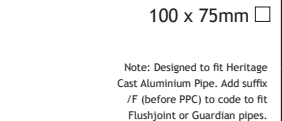
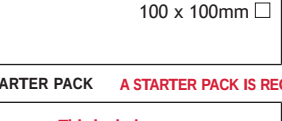
AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM				
MODERN	AQUALINE EXTRUDED GUTTERS AND FIXINGS GUTTERS, UNION CLIPS, BRACKETS AND ANGLES			
Description	Nom. Size	Code	Price MILL £	Price PPC £
GUTTER ASSEMBLIES Note: Gutter Assembly prices are for complete 3 metre assemblies including gutter length, Union Clips and Brackets.				
 3.0m Lengths	100 x 85mm	EAQ10/3MAPPC	145.18	170.82
	150 x 120mm	EAQ15/3MAPPC	190.44	223.99
GUTTERS				
 3.0m Lengths	100 x 85mm	EAQ10/3MPPC	121.68	143.19
	150 x 120mm	EAQ15/3MPPC	164.76	193.80
UNION CLIP ASSEMBLIES Note: Includes Slide Locks.				
	100 x 85mm	EAQ10/UCAPPC	12.53	14.74
	150 x 120mm	EAQ15/UCAPPC	14.66	17.26
BRACKETS				
 Brackets only need to be ordered separately where additional are required. Brackets come inclusive with all gutter and fittings assemblies	100 x 85mm	EAQ10/FBPPC	2.75	3.25
	150 x 120mm	EAQ15/FBPPC	2.75	3.25
90° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.				
 External	100 x 85mm	EAQ10/EA90APPC	67.84	79.80
	150 x 120mm	EAQ15/EA90APPC	82.75	97.35
 Internal	100 x 85mm	EAQ10/IA90APPC	67.84	79.80
	150 x 120mm	EAQ15/IA90APPC	82.75	97.35
135° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.				
 External	100 x 85mm	EAQ10/EA13APPC	67.84	79.80
	150 x 120mm	EAQ15/EA13APPC	82.75	97.35
 Internal	100 x 85mm	EAQ10/IA13APPC	67.84	79.80
	150 x 120mm	EAQ15/IA13APPC	82.75	97.35

AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM				
MODERN	AQUALINE EXTRUDED GUTTERS AND FIXINGS STOP-ENDS, OUTLETS AND STARTER PACK			
Description	Nom. Size	Code	Price MILL £	Price PPC £
STOP-END ASSEMBLIES Note: Includes Union Clips and Slide Locks.				
 Left Hand	100 x 85mm	EAQ10/SELHAPPC	33.81	39.74
	150 x 120mm	EAQ15/SELHAPPC	37.75	44.40
 Right Hand	100 x 85mm	EAQ10/SERHAPPC	33.81	39.74
	150 x 120mm	EAQ15/SERHAPPC	37.75	44.40
RUNNING OUTLET ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.				
 Pipe 63mm Ø	100 x 85mm	EAQ10/RO25APPC	57.70	67.90
	150 x 120mm	EAQ15/RO25APPC	69.27	81.50
 75mm Ø	100 x 85mm	EAQ10/RO30APPC	57.70	67.90
	150 x 120mm	EAQ15/RO30APPC	69.27	81.50
 100mm Ø	150 x 120mm	EAQ15/RO40APPC	69.27	81.50
	100 x 85mm	EAQ10/SO33APPC	67.00	78.85
 75 x 75mm □	150 x 120mm	EAQ15/SO33APPC	83.23	97.87
	100 x 85mm	EAQ10/SO43APPC	67.00	78.85
 100 x 75mm □	150 x 120mm	EAQ15/SO43APPC	83.23	97.87
	150 x 120mm	EAQ15/SO44APPC	83.23	97.87
STARTER PACK A STARTER PACK IS REQUIRED WITH EACH ORDER.				
This includes: P80 JOINT SEAL LUBRICANT 2x JOINTING TOOL 10x SPARE SLIDE LOCKS 20x SPARE NUMBER 12 SCREWS 8x SPARE SEAL STRIPS 20x SHIMS	100 x 85mm	EAQ10/START	58.82	
	150 x 120mm	EAQ15/START	58.82	

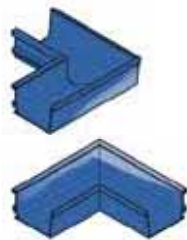
AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM

MOULDED		AQUALINE EXTRUDED GUTTERS AND FIXINGS GUTTERS, UNION CLIPS, BRACKETS AND ANGLES			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
GUTTER ASSEMBLIES Note: Gutter Assembly prices are for complete 3 metre assemblies including gutter length, Union Clips and Brackets.					
 3.0m Lengths	140 x 100mm	EMG14/3MAPPC	176.13	207.18	
	160 x 100mm	EMG16/3MAPPC	184.47	217.02	
GUTTERS					
 3.0m Lengths	140 x 100mm	EMG14/3MPPC	148.47	174.65	
	160 x 100mm	EMG16/3MPPC	156.44	184.03	
UNION CLIP ASSEMBLIES Note: Includes Slide Locks.					
	140 x 100mm	EMG14/UCAPPC	16.66	19.58	
	160 x 100mm	EMG16/UCAPPC	17.07	20.04	
BRACKETS					
 Brackets only need to be ordered separately where additional are required. Brackets come inclusive with all gutter and fittings assemblies	140 x 100mm	EMG14/FBPPC	2.75	5.11	
	160 x 100mm	EMG16/FBPPC	2.75	5.11	
90° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.					
 External	140 x 100mm	EMG14/EA90APPC	54.76	64.42	
	160 x 100mm	EMG16/EA90APPC	59.99	70.57	
 Internal	140 x 100mm	EMG14/IA90APPC	54.76	64.42	
	160 x 100mm	EMG16/IA90APPC	59.99	70.57	
135° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.					
 External	140 x 100mm	EMG14/EA13APPC	54.76	64.42	
	160 x 100mm	EMG16/EA13APPC	59.99	70.57	
 Internal	140 x 100mm	EMG14/IA13APPC	54.76	64.42	
	160 x 100mm	EMG16/IA13APPC	59.99	70.57	

AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM

MOULDED		AQUALINE EXTRUDED GUTTERS AND FIXINGS STOP-ENDS, OUTLETS AND STARTER PACK			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
STOP-END ASSEMBLIES Note: Includes Union Clips and Slide Locks.					
 Left Hand	140 x 100mm	EMG14/SELHAPPC	29.91	35.16	
	160 x 100mm	EMG16/SELHAPPC	30.46	35.87	
 Right Hand	140 x 100mm	EMG14/SERHAPPC	29.91	35.16	
	160 x 100mm	EMG16/SERHAPPC	30.46	35.87	
RUNNING OUTLET ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.					
 Pipe	63mm Ø	140 x 100mm	EMG14/RO25APPC	47.62	56.02
	160 x 100mm	EMG16/RO25APPC	49.02	57.68	
 75mm Ø	140 x 100mm	EMG14/RO30APPC	47.62	56.02	
	160 x 100mm	EMG16/RO30APPC	49.02	57.68	
 100mm Ø	140 x 100mm	EMG14/RO40APPC	49.02	57.68	
	160 x 100mm	EMG16/RO40APPC	49.02	57.68	
 75 x 75mm □	140 x 100mm	EMG14/SO33APPC	63.10	74.24	
	160 x 100mm	EMG16/SO33APPC	65.12	76.59	
 100 x 75mm □	140 x 100mm	EMG14/SO43APPC	63.10	74.24	
	160 x 100mm	EMG16/SO43APPC	65.12	76.59	
 100 x 100mm □	140 x 100mm	EMG14/SO44APPC	65.12	76.59	
	160 x 100mm	EMG16/SO44APPC	65.12	76.59	
STARTER PACK A STARTER PACK IS REQUIRED WITH EACH ORDER.					
This includes: P80 JOINT SEAL LUBRICANT 2x JOINTING TOOL 10x SPARE SLIDE LOCKS 20x SPARE NUMBER 12 SCREWS 8x SPARE SEAL STRIPS 20x SHIMS	140 x 100mm	EMG14/START	58.82		
	160 x 100mm	EMG16/START	58.82		

AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM

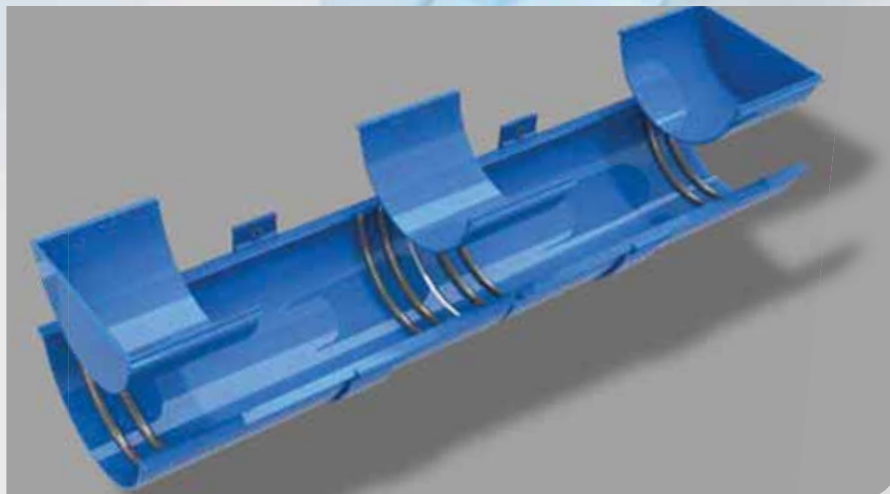
BOX		AQUALINE EXTRUDED GUTTERS AND FIXINGS GUTTERS, UNION CLIPS, BRACKETS AND ANGLES			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
GUTTER ASSEMBLIES Note: Gutter Assembly prices are for complete 3 metre assemblies including gutter length, Union Clips and Brackets.					
 3.0m Lengths	120 x 80mm	EBG12/3MAPPC	138.77	163.26	
	140 x 100mm	EBG14/3MAPPC	192.31	226.28	
	160 x 100mm	EBG16/3MAPPC	207.17	243.78	
GUTTERS					
 3.0m Lengths	120 x 80mm	EBG12/3MPPC	115.51	135.90	
	140 x 100mm	EBG14/3MPPC	167.93	197.56	
	160 x 100mm	EBG16/3MPPC	181.77	213.84	
UNION CLIP ASSEMBLIES Note: Includes Slide Locks.					
	120 x 80mm	EBG12/UCAPPC	12.24	14.38	
	140 x 100mm	EBG14/UCAPPC	13.39	15.78	
	160 x 100mm	EBG16/UCAPPC	14.41	16.93	
BRACKETS					
 Brackets only need to be ordered separately where additional are required. Brackets come inclusive with all gutter and fittings assemblies	120 x 80mm	EBG12/FBPPC	2.75	5.11	
	140 x 100mm	EBG14/FBPPC	2.75	5.11	
	160 x 100mm	EBG16/FBPPC	2.75	5.11	
90° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.					
	External	120 x 80mm	EBG12/EA90APPC	49.47	58.21
		140 x 100mm	EBG14/EA90APPC	53.26	62.68
		160 x 100mm	EBG16/EA90APPC	59.35	69.79
	Internal	120 x 80mm	EBG12/IA90APPC	49.47	58.21
		140 x 100mm	EBG14/IA90APPC	53.26	62.68
		160 x 100mm	EBG16/IA90APPC	59.35	69.79
135° ANGLE ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.					
	External	120 x 80mm	EBG12/EA13APPC	49.47	58.21
		140 x 100mm	EBG14/EA13APPC	53.26	62.68
		160 x 100mm	EBG16/EA13APPC	59.35	69.79
	Internal	120 x 80mm	EBG12/IA13APPC	49.47	58.21
		140 x 100mm	EBG14/IA13APPC	53.26	62.68
		160 x 100mm	EBG16/IA13APPC	59.35	69.79

AQUALINE EXTRUDED ALUMINIUM GUTTER SYSTEM

BOX		AQUALINE EXTRUDED GUTTERS AND FIXINGS STOP-ENDS, OUTLETS AND STARTER PACK			
Description		Nom. Size	Code	Price MILL £	Price PPC £
STOP-END ASSEMBLIES Note: Includes Union Clips and Slide Locks.					
 	Left Hand	120 x 80mm	EBG12/SELHAPPC	27.52	32.40
		140 x 100mm	EBG14/SELHAPPC	28.60	33.65
		160 x 100mm	EBG16/SELHAPPC	29.67	34.91
	Right Hand	120 x 80mm	EBG12/SERHAPPC	27.52	32.40
		140 x 100mm	EBG14/SERHAPPC	28.60	33.65
		160 x 100mm	EBG16/SERHAPPC	29.67	34.91
RUNNING OUTLET ASSEMBLIES Note: Includes Union Clips, FASCIA BRACKETS and Slide Locks.					
 	Pipe 63mm Ø	120 x 80mm	EBG12/RO25APPC	38.48	45.26
		140 x 100mm	EBG14/RO25APPC	43.34	50.99
		160 x 100mm	EBG16/RO25APPC	45.37	53.40
	75mm Ø	120 x 80mm	EBG12/RO30APPC	38.48	45.26
		140 x 100mm	EBG14/RO30APPC	43.34	50.99
		160 x 100mm	EBG16/RO30APPC	45.53	53.56
	100mm Ø	140 x 100mm	EBG14/RO40APPC	43.34	50.99
		160 x 100mm	EBG16/RO40APPC	45.53	53.56
	75 x 75mm □	120 x 80mm	EBG12/SO33APPC	52.08	61.32
		140 x 100mm	EBG14/SO33APPC	56.34	66.52
		160 x 100mm	EBG16/SO33APPC	58.56	68.86
	100 x 75mm □	120 x 80mm	EBG12/SO43APPC	52.08	61.32
		140 x 100mm	EBG14/SO43APPC	56.56	66.52
		160 x 100mm	EBG16/SO43APPC	58.56	68.86
100 x 100mm □	140 x 100mm	EBG14/SO44APPC	56.56	66.52	
	160 x 100mm	EBG16/SO44APPC	58.56	68.86	
STARTER PACK A STARTER PACK IS REQUIRED WITH EACH ORDER.					
This includes: P80 JOINT SEAL LUBRICANT 2x JOINTING TOOL 10x SPARE SLIDE LOCKS 20x SPARE NUMBER 12 SCREWS 8x SPARE SEAL STRIPS 20x SHIMS		120 x 80mm	EBG12/START	58.82	
		140 x 100mm	EBG14/START	58.82	
		160 x 100mm	EBG16/START	58.82	

AX SNAPFIX®

EXTRUDED ALUMINIUM GUTTER SYSTEMS



AX SnapFix - The lightweight extruded aluminium range of gutters with SnapFix design in a number of sizes and finishes.

Applications

- High capacity gutters for traditional or modern buildings
- Suited to both flush & projecting eaves applications
- Long life alternative to PVC gutters

Features & Performance

- 3 gutter profiles available in 3 & 1 metre lengths in a choice of sizes
- Designed to fully accommodate thermal movement at every joint
- Lightweight, durable and highly corrosion resistant
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Easy to handle and fix
- Aluminium is 100% recyclable

Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order
- Also available in plain mill finish for on-site painting

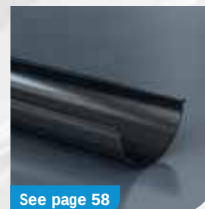


Manufacture

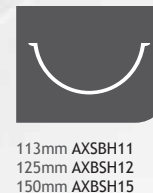
- UK manufactured under ISO 9001 and ISO 14001 factory certified conditions
- Based on aluminium extrusions 6063 T6 alloy to BS EN 573-1, BS EN 755, BS EN 12020 and BS 9101
- Improved design with SnapFix system
- Quicker installation time
- No nut, bolt or washer required
- More durable seal
- Less sealant required to traditional nut, bolt & washer systems



AX SnapFix Beaded Half Round Gutter



See page 58



113mm AXSBH11
125mm AXBSH12
150mm AXBSH15



AX SnapFix Deep Run Gutter



See page 60



125 x 100mm AXSDR12

AX SnapFix Moulded Gutter



See page 61



125 x 100mm AXSMG12

AX Moulded Gutter (Not SnapFix system)



See page 62



150 x 100mm AXMG15
200 x 150mm AXMG20



AX SNAPFIX EXTRUDED ALUMINIUM GUTTER SYSTEM

BEADED HALF ROUND

AX SNAPFIX EXTRUDED GUTTERS, ANGLES AND FIXINGS
GUTTERS, UNION CLIPS, FASCIA BRACKETS AND STOP-

Description	Nom. Size	Code	Price MILL £	Price PPC £
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GUTTER ASSEMBLIES Note: Gutter prices are inclusive of Union Clips.

	3.0m Lengths	112mm	AXSBH11/3MAPPC	65.46	78.34
		125mm	AXSBH12/3MAPPC	72.95	88.70
		150mm	AXSBH15/3MAPPC	85.15	102.58
	1.0m Lengths	112mm	AXSBH11/1MAPPC	25.01	27.50
		125mm	AXSBH12/1MAPPC	28.37	41.09
		150mm	AXSBH15/1MAPPC	32.85	45.94

UNION CLIP ASSEMBLIES

	112mm	AXSBH11/UCPPC	4.67	6.22
	125mm	AXSBH12/UCPPC	5.25	6.92
	150mm	AXSBH15/UCPPC	5.69	7.38

FASCIA BRACKETS

	112mm	AXSBH11/FBPPC	5.34	7.10
	125mm	AXSBH12/FBPPC	5.50	7.19
	150mm	AXSBH15/FBPPC	6.17	7.96

90° ANGLE ASSEMBLIES

	112mm	AXSBH11/90APPC	25.57	28.34
	125mm	AXSBH12/90APPC	26.44	29.18
	150mm	AXSBH15/90APPC	35.39	38.88

135° ANGLE ASSEMBLIES

	112mm	AXSBH11/135APPC	25.57	28.34
	125mm	AXSBH12/135APPC	26.44	29.18
	150mm	AXSBH15/135APPC	35.39	38.88

STOP END ASSEMBLIES

	112mm	AXSBH11/SEAPPC	9.42	11.31
	125mm	AXSBH12/SEAPPC	10.12	11.97
	150mm	AXSBH15/SEAPPC	11.28	13.25

AX SNAPFIX EXTRUDED ALUMINIUM GUTTER SYSTEM

BEADED HALF ROUND

AX SNAPFIX EXTRUDED GUTTERS AND FIXINGS
OUTLETS AND BRACKETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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RUNNING OUTLET ASSEMBLIES

 	Pipe	63mm Ø	112mm	AXSBH11/RO25APPC	31.97	38.05
			125mm	AXSBH12/RO25APPC	31.97	38.13
			150mm	AXSBH15/RO25APPC	36.15	38.72
		76mm Ø	112mm	AXSBH11/RO30APPC	31.97	38.05
			125mm	AXSBH12/RO30APPC	31.97	38.13
			150mm	AXSBH15/RO30APPC	36.15	38.72
		102mm Ø	125mm	AXSBH12/RO40APPC	31.97	38.13
			150mm	AXSBH15/RO40APPC	36.15	38.72
		76mm □	112mm	AXSBH11/SO33APPC	31.97	38.05
			125mm	AXSBH12/SO33APPC	39.53	42.17
			150mm	AXSBH15/SO33APPC	43.30	46.11
		100 x 76mm □	112mm	AXSBH11/SO43APPC	38.05	40.91
			125mm	AXSBH12/SO43APPC	39.53	42.17
			150mm	AXSBH15/SO43APPC	43.30	46.11
			125mm	AXSBH12/SO44APPC	39.53	42.17
			150mm	AXSBH15/SO44APPC	43.30	46.11

Note: Designed to fit Heritage
Cast Aluminium Pipe. Add suffix
/F (before PPC) to code to fit
Flushjoint or Guardian pipes.

TOP FIX RAFTER BRACKETS

	112mm	AXSBH11/RB/TFPPC	14.77	16.15
	125mm	AXSBH12/RB/TFPPC	15.18	16.55
	150mm	AXSBH15/RB/TFPPC	15.43	16.79

SIDE FIX RAFTER BRACKETS

	112mm	AXSBH11/RB/SFPPC	16.27	17.77
	125mm	AXSBH12/RB/SFPPC	16.68	18.17
	150mm	AXSBH15/RB/SFPPC	16.95	18.47

RISE AND FALL BRACKETS

	112mm	AXSBH11/R&F/ASSYPPC	18.83	19.74
	125mm	AXSBH12/R&F/ASSYPPC	19.15	20.09
	150mm	AXSBH15/R&F/ASSYPPC	19.59	20.53

AX SNAPFIX EXTRUDED ALUMINIUM GUTTER SYSTEM

BEADED DEEP RUN

AX EXTRUDED GUTTERS, FIXINGS, OUTLETS, GUTTERS,
UNION CLIPS, FASCIA BRACKETS, ANGLES AND STOP ENDS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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GUTTER ASSEMBLIES Note: Gutter prices are inclusive of Union Clips.

3.0m Length 1.0m Lengths	125 x 100mm	AXSDR12/3MAPPC	96.02	111.79
	125 x 100mm	AXSDR12/1MAPPC	36.58	49.12

UNION CLIP ASSEMBLIES

	125 x 100mm	AXSDR12/UCPPC	5.62	7.19
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FASCIA BRACKET

	125 x 100mm	AXSDR12/FBPPC	6.15	7.83
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90° ANGLE ASSEMBLIES

	125 x 100mm	AXSDR12/90APPC	30.89	33.59
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135° ANGLE ASSEMBLIES

	125 x 100mm	AXSDR12/135APPC	30.89	33.59
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STOP END ASSEMBLIES

	125 x 100mm	AXSDR12/SEAPPC	10.09	11.72
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RUNNING OUTLET ASSEMBLIES

Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.	63mm Ø	125 x 100mm	AXSDR12/RO25APPC	34.02	37.01
	76mm Ø	125 x 100mm	AXSDR12/RO30APPC	34.02	37.01
	102mm Ø	125 x 100mm	AXSDR12/RO40APPC	34.02	37.01
	76 x 76mm □	125 x 100mm	AXSDR12/SO33APPC	42.18	44.62
	100 x 76mm □	125 x 100mm	AXSDR12/SO43APPC	42.18	44.62
	100 x 100mm □	125 x 100mm	AXSDR12/SO44APPC	42.18	44.62

AX SNAPFIX EXTRUDED ALUMINIUM GUTTER SYSTEM

MOULDED

AX EXTRUDED GUTTERS AND FIXINGS
ANGLES, STOP ENDS AND RUNNING OUTLETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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GUTTER ASSEMBLIES Note: Gutter prices are inclusive of Union Clips.

3.0m 1.0m	125 x 100mm	AXSMG12/3MAPPC	99.87	114.47
	125 x 100mm	AXSMG12/1MAPPC	35.22	46.03

UNION CLIP ASSEMBLIES

	125 x 100mm	AXSMG12/UCPPC	6.50	8.10
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FASCIA BRACKETS

	125 x 100mm	AXSMG12/FBPPC	6.90	8.91
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90° ANGLE ASSEMBLIES

	External	125 x 100mm	AXSMG12/EA90APPC	37.22	40.25
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90° ANGLE ASSEMBLIES

	Internal	125 x 100mm	AXSMG12/IA90APPC	37.22	40.25
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135° ANGLE ASSEMBLIES

	External	125 x 100mm	AXSMG12/EA135APPC	37.22	40.25
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135° ANGLE ASSEMBLIES

	Internal	125 x 100mm	AXSMG12/IA135APPC	37.22	40.25
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STOP END ASSEMBLIES LEFT HAND

	125 x 100mm	AXSMG12/SELHAPPC	11.65	13.41
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STOP END ASSEMBLIES RIGHT HAND

	125 x 100mm	AXSMG12/SERHAPPC	11.65	13.41
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RUNNING OUTLET ASSEMBLIES

Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.	63mm Ø	125 x 100mm	AXSMG12/RO25APPC	32.50	35.27
	76mm Ø	125 x 100mm	AXSMG12/RO30APPC	33.50	36.16
	102mm Ø	125 x 100mm	AXSMG12/RO40APPC	37.97	41.09
	76x76mm □	125 x 100mm	AXSMG12/SO33APPC	35.20	37.24
	100x76mm □	125 x 100mm	AXSMG12/SO43APPC	36.67	38.77
	100x100mm □	125 x 100mm	AXSMG12/SO44APPC	38.76	40.95

AX EXTRUDED ALUMINIUM GUTTER SYSTEM

MOULDED		AX EXTRUDED GUTTERS AND FIXINGS ANGLES, STOP ENDS AND RUNNING OUTLETS			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
GUTTER ASSEMBLIES Note: Gutter prices are inclusive of Union Clips.					
	150 x 100mm	AXMG15/3MAPPC	117.07	133.40	
	200 x 150mm	AXMG20/3MAPPC	205.03	228.19	
	150 x 100mm	AXMG15/1MAPPC	41.34	52.58	
	200 x 150mm	AXMG20/1MAPPC	72.63	88.68	
UNION CLIP ASSEMBLIES					
	150 x 100mm	AXMG15/UCAPPC	7.51	9.37	
	200 x 150mm	AXMG20/UCAPPC	13.04	15.55	
FASCIA BRACKETS					
	150 x 100mm	AXMG15/FBPPC	7.72	9.86	
	200 x 150mm	AXMG20/FBPPC	15.39	18.40	
90° ANGLE ASSEMBLIES					
 External	150 x 100mm	AXMG15/EA90APPC	40.87	44.09	
	200 x 150mm	AXMG20/EA90APPC	69.10	73.76	
90° ANGLE ASSEMBLIES					
 Internal	150 x 100mm	AXMG15/IA90APPC	40.87	44.09	
	200 x 150mm	AXMG20/IA90APPC	69.10	73.76	
135° ANGLE ASSEMBLIES					
 External	150 x 100mm	AXMG15/EA135APPC	40.87	44.09	
	200 x 150mm	AXMG20/EA135APPC	69.10	73.76	
135° ANGLE ASSEMBLIES					
 Internal	150 x 100mm	AXMG15/IA135APPC	40.87	44.09	
	200 x 150mm	AXMG20/IA135APPC	69.10	73.76	
STOP END ASSEMBLIES LEFT HAND					
	150 x 100mm	AXMG15/SELHAPPC	13.48	15.49	
	200 x 150mm	AXMG20/SELHAPPC	24.21	27.50	
STOP END ASSEMBLIES RIGHT HAND					
	150 x 100mm	AXMG15/SERHAPPC	13.48	15.49	
	200 x 150mm	AXMG20/SERHAPPC	24.21	27.50	
RUNNING OUTLET ASSEMBLIES					
	150 x 100mm	AXMG15/RO25APPC	35.58	38.52	
	200 x 150mm	AXMG20/RO25APPC	48.48	51.92	
	150 x 100mm	AXMG15/RO30APPC	36.50	39.34	
	200 x 150mm	AXMG20/RO30APPC	48.96	52.23	
	150 x 100mm	AXMG15/RO40APPC	38.26	41.33	
	200 x 150mm	AXMG20/RO40APPC	51.98	55.55	
Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.					

AX EXTRUDED ALUMINIUM GUTTER SYSTEM

MOULDED		AX EXTRUDED GUTTERS AND FIXINGS ANGLES, STOP ENDS AND RUNNING OUTLETS			
Description	Nom. Size	Code	Price MILL £	Price PPC £	
RUNNING OUTLET ASSEMBLIES					
	150 x 100mm	AXMG15/SO33APPC	38.71	40.93	
	200 x 150mm	AXMG20/SO33APPC	53.65	56.46	
	150 x 100mm	AXMG15/SO43APPC	40.32	42.64	
	200 x 150mm	AXMG20/SO43APPC	53.65	56.46	
	150 x 100mm	AXMG15/SO44APPC	42.72	45.07	
	200 x 150mm	AXMG20/SO44APPC	77.47	81.41	
Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.					
TOP FIX RAFTER BRACKETS					
	125 x 100mm	AXSMG12/RB/TFPPC	14.70	16.01	
	150 x 100mm	AXMG15/RB/TFPPC	15.36	16.75	
SIDE FIX RAFTER BRACKETS					
	125 x 100mm	AXSMG12/RB/SFPPC	14.70	16.01	
	150 x 100mm	AXMG15/RB/SFPPC	15.36	16.75	
RISE AND FALL BRACKETS					
	125 x 100mm	AXSMG12/R&F/ASSYPPC	23.18	23.58	
	150 x 100mm	AXMG15/R&F/ASSYPPC	23.18	24.29	

GX[®]

PRESSED ALUMINIUM GUTTER SYSTEM



A robust and fully engineered box section gutter range designed for traditional wet jointing on-site. GX is offered in three profiles in a choice of sizes and is especially suited to applications where maximum capacity gutters are required.

Applications

- High capacity gutters for traditional or modern buildings
- Fully compatible with Alumasc's Skyline fascia/soffit system
- Can provide an all aluminium eaves/soffit solution
- Gutters can be exposed or designed within a Skyline fascia system.

Features & Performance

- 3 gutter profiles available in 3 metre lengths, in a choice of sizes
- Designed to fully accommodate thermal movement at every joint
- Lightweight, durable and non-corrodible
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Easy to handle and fix
- BBA approved
- Aluminium is 100% recyclable

Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order
- Also available in plain mill finish for on-site painting manufacture



Manufacture

- UK manufactured
- Gutter lengths, fittings and unions are pressed from various thicknesses of sheet aluminium (to BS EN 1462, BS EN 612, BS EN 515, BS EN 573, BS EN 485 and BS9101)

Installation & Fixing

- Wet sealed and bolted joints - a simple, well proven method
- Simple screw fixing with bracketry, generally concealed after fixing
- GX Joggle is supported by top straps
- GX Smooth is designed for simple jointing for a sleek appearance, including no requirement for sole support brackets and visible screw fixing
- GX Moulded is wet jointed and is fixed directly to the building fabric
- Minimal maintenance requirements

GX Joggle Gutter



See page 66



100 x 75mm GXJ1
125 x 100mm GXJ2
150 x 100mm GXJ3
180 x 125mm GXJ4
200 x 150mm GXJ5

GX Smooth Gutter

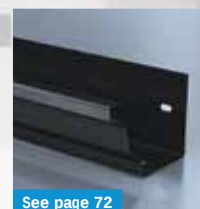


See page 69



120 x 75mm GX51
140 x 100mm GX52
190 x 125mm GX53
220 x 150mm GX54
225 x 150mm GX55

GX Moulded Gutter



See page 72



113 x 75mm GXM1
140 x 100mm GXM2
160 x 100mm GXM3
175 x 150mm GXM4
200 x 150mm GXM5



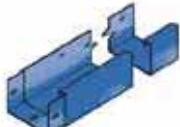
GX PRESSED ALUMINIUM GUTTER SYSTEM

JOGGLE

GX PRESSED GUTTERS AND FIXINGS
GUTTERS, BRACKETS AND STOP-ENDS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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GUTTERS Note: Gutter Assembly prices are for complete 3 metre assemblies including Gutter Length and Top Straps.

	3.0m Lengths	100 x 75mm	GXJ1/3MAPP	92.74	110.75
		125 x 100mm	GXJ2/3MAPP	120.40	140.38
		150 x 100mm	GXJ3/3MAPP	121.65	144.63
		180 x 125mm	GXJ4/3MAPP	195.42	235.22
		200 x 150mm	GXJ5/3MAPP	214.87	258.93

TOP STRAPS

		100 x 75mm	GXJ1/TSPP	4.84	5.82
		125 x 100mm	GXJ2/TSPP	6.99	8.36
		150 x 100mm	GXJ3/TSPP	7.15	8.61
		180 x 125mm	GXJ4/TSPP	7.44	8.91
		200 x 150mm	GXJ5/TSPP	7.78	9.32

STOP-ENDS - INTERNAL

	Left Hand	100 x 75mm	GXJ1/SELHAPP	12.73	14.92
		125 x 100mm	GXJ2/SELHAPP	15.56	18.16
		150 x 100mm	GXJ3/SELHAPP	17.51	21.55
		180 x 125mm	GXJ4/SELHAPP	20.97	25.20
		200 x 150mm	GXJ5/SELHAPP	27.80	32.57
	Right Hand	100 x 75mm	GXJ1/SERHAPP	12.73	14.92
		125 x 100mm	GXJ2/SERHAPP	15.56	18.16
		150 x 100mm	GXJ3/SERHAPP	17.51	21.55
		180 x 125mm	GXJ4/SERHAPP	20.97	25.20
		200 x 150mm	GXJ5/SERHAPP	27.80	32.57

GX PRESSED ALUMINIUM GUTTER SYSTEM

JOGGLE

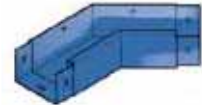
GX PRESSED GUTTERS AND FIXINGS
ANGLES AND OUTLETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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90° ANGLES

	External	100 x 75mm	GXJ1/EA90APP	59.80	67.60
		125 x 100mm	GXJ2/EA90APP	65.76	74.09
		150 x 100mm	GXJ3/EA90APP	77.04	86.41
		180 x 125mm	GXJ4/EA90APP	89.85	101.98
		200 x 150mm	GXJ5/EA90APP	94.24	106.79
	Internal	100 x 75mm	GXJ1/IA90APP	59.80	67.60
		125 x 100mm	GXJ2/IA90APP	65.76	74.09
		150 x 100mm	GXJ3/IA90APP	77.04	86.41
		180 x 125mm	GXJ4/IA90APP	89.85	101.98
		200 x 150mm	GXJ5/IA90APP	94.24	106.79

135° ANGLES

	External	100 x 75mm	GXJ1/EA135APP	59.80	67.60
		125 x 100mm	GXJ2/EA135APP	65.76	74.03
		150 x 100mm	GXJ3/EA135APP	77.04	86.41
		180 x 125mm	GXJ4/EA135APP	89.85	101.98
		200 x 150mm	GXJ5/EA135APP	94.20	106.79
	Internal	100 x 75mm	GXJ1/IA135APP	59.80	67.60
		125 x 100mm	GXJ2/IA135APP	65.76	74.03
		150 x 100mm	GXJ3/IA135APP	77.04	86.41
		180 x 125mm	GXJ4/IA135APP	89.85	101.98
		200 x 150mm	GXJ5/IA135APP	94.20	106.79

RUNNING OUTLETS

	63mm Ø	100 x 75mm	GXJ1/RO25APP	45.66	53.41
		125 x 100mm	GXJ2/RO25APP	51.03	59.46
		150 x 100mm	GXJ3/RO25APP	58.73	68.26
		180 x 125mm	GXJ4/RO25APP	72.43	84.40
		200 x 150mm	GXJ5/RO25APP	77.08	89.38
	75mm Ø	100 x 75mm	GXJ1/RO30APP	45.66	53.41
		125 x 100mm	GXJ2/RO30APP	51.03	59.46
		150 x 100mm	GXJ3/RO30APP	58.73	68.26
		180 x 125mm	GXJ4/RO30APP	72.43	84.40
		200 x 150mm	GXJ5/RO30APP	77.08	89.38
	100mm Ø	125 x 100mm	GXJ2/RO40APP	51.03	59.46
		150 x 100mm	GXJ3/RO40APP	58.73	68.26
		180 x 125mm	GXJ4/RO40APP	72.43	84.40
		200 x 150mm	GXJ5/RO40APP	77.08	89.38

Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.

GX PRESSED ALUMINIUM GUTTER SYSTEM

JOGGLE

GX PRESSED GUTTERS AND FIXINGS
OUTLETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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RUNNING OUTLETS

Pipe 75 x 75mm 	100 x 75mm	GXJ1/SO33APPC	48.97	56.72
	125 x 100mm	GXJ2/SO33APPC	55.57	63.97
	150 x 100mm	GXJ3/SO33APPC	64.21	74.30
	180 x 125mm	GXJ4/SO33APPC	78.53	90.85
	200 x 150mm	GXJ5/SO33APPC	83.69	96.23
100 x 75mm 	100 x 75mm	GXJ1/SO43APPC	48.97	56.72
	125 x 100mm	GXJ2/SO43APPC	55.57	63.97
	150 x 100mm	GXJ3/SO43APPC	64.21	74.30
	180 x 125mm	GXJ4/SO43APPC	78.53	90.85
	200 x 150mm	GXJ5/SO43APPC	83.69	96.23
100 x 100mm 	125 x 100mm	GXJ2/SO44APPC	55.57	63.97
	150 x 100mm	GXJ3/SO44APPC	64.21	74.30
	180 x 125mm	GXJ4/SO44APPC	78.53	90.85
	200 x 150mm	GXJ5/SO44APPC	83.69	96.23

Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.

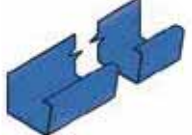
GX PRESSED ALUMINIUM GUTTER SYSTEM

SMOOTH

GX PRESSED GUTTERS AND FIXINGS
GUTTERS, UNION CLIPS, BRACKETS AND STOP-ENDS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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GUTTERS Note: GX Smooth - FASCIA BRACKETS are included with 3m length.

3.0m Lengths 	120 x 75mm	GXS1/3MAPPC	74.38	91.48
	140 x 100mm	GXS2/3MAPPC	80.55	99.08
	190 x 125mm	GXS3/3MAPPC	90.06	110.77
	220 x 150mm	GXS4/3MAPPC	134.85	165.88
	225 x 150mm	GXS5/3MAPPC	153.56	188.92

UNION CLIPS - INTERNAL

	120 x 75mm	GXS1/UCAPPC	6.63	8.37
	140 x 100mm	GXS2/UCAPPC	6.89	8.66
	190 x 125mm	GXS3/UCAPPC	8.22	10.32
	220 x 150mm	GXS4/UCAPPC	8.62	11.26
	225 x 150mm	GXS5/UCAPPC	10.10	12.70

Note: All GX series Union Clips are supplied inclusive within the cost of gutter lengths and gutter fittings.

BRACKET/STRAPS

	120 x 75mm	GXS1/BRKAPPC	4.56	6.10
	140 x 100mm	GXS2/BRKAPPC	5.94	7.48
	190 x 125mm	GXS3/BRKAPPC	8.51	10.68
	220 x 150mm	GXS4/BRKAPPC	8.94	11.46
	225 x 150mm	GXS5/BRKAPPC	9.57	11.85

STOP-ENDS - INTERNAL

	Left Hand	120 x 75mm	GXS1/SELAPPC	12.81	14.60
		140 x 100mm	GXS2/SELAPPC	14.14	16.05
		190 x 125mm	GXS3/SELAPPC	16.84	19.35
		220 x 150mm	GXS4/SELAPPC	19.09	22.06
		225 x 150mm	GXS5/SELAPPC	24.44	27.82
	Right Hand	120 x 75mm	GXS1/SERAPPC	12.81	14.60
		140 x 100mm	GXS2/SERAPPC	14.14	16.05
		190 x 125mm	GXS3/SERAPPC	16.84	19.35
		220 x 150mm	GXS4/SERAPPC	19.09	22.06
		225 x 150mm	GXS5/SERAPPC	24.44	27.82

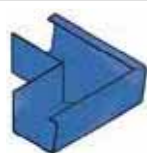
GX PRESSED ALUMINIUM GUTTER SYSTEM

SMOOTH

GX PRESSED GUTTERS AND FIXINGS
ANGLES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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90° ANGLES



External

120 x 75mm	GXS1/EA90APPC	53.36	60.80
140 x 100mm	GXS2/EA90APPC	56.37	64.24
190 x 125mm	GXS3/EA90APPC	68.35	77.90
220 x 150mm	GXS4/EA90APPC	72.00	83.69
225 x 150mm	GXS5/EA90APPC	77.94	90.57



Internal

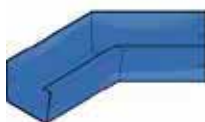
120 x 75mm	GXS1/IA90APPC	53.36	60.80
140 x 100mm	GXS2/IA90APPC	56.37	64.24
190 x 125mm	GXS3/IA90APPC	68.35	77.90
220 x 150mm	GXS4/IA90APPC	72.00	83.69
225 x 150mm	GXS5/IA90APPC	77.94	90.57

135° ANGLES



External

120 x 75mm	GXS1/EA135APPC	53.36	60.80
140 x 100mm	GXS2/EA135APPC	56.37	64.26
190 x 125mm	GXS3/EA135APPC	68.35	77.90
220 x 150mm	GXS4/EA135APPC	72.00	83.69
225 x 150mm	GXS5/EA135APPC	77.94	90.57



Internal

120 x 75mm	GXS1/IA135APPC	53.36	60.80
140 x 100mm	GXS2/IA135APPC	56.37	64.26
190 x 125mm	GXS3/IA135APPC	68.35	77.90
220 x 150mm	GXS4/IA135APPC	72.00	83.69
225 x 150mm	GXS5/IA135APPC	77.94	90.57

GX PRESSED ALUMINIUM GUTTER SYSTEM

SMOOTH

GX PRESSED GUTTERS AND FIXINGS
OUTLETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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RUNNING OUTLETS

Pipe	63mm Ø	120 x 75mm	GXS1/RO25APPC	38.04	45.36
		140 x 100mm	GXS2/RO25APPC	40.54	48.27
		190 x 125mm	GXS3/RO25APPC	50.63	60.19
		220 x 150mm	GXS4/RO25APPC	51.55	63.62
		225 x 150mm	GXS5/RO25APPC	56.40	69.00
	75mm Ø	120 x 75mm	GXS1/RO30APPC	38.04	45.36
		140 x 100mm	GXS2/RO30APPC	40.54	48.27
		190 x 125mm	GXS3/RO30APPC	50.63	60.19
		220 x 150mm	GXS4/RO30APPC	51.55	63.62
		225 x 150mm	GXS5/RO30APPC	56.40	69.00
	100mm Ø	140 x 100mm	GXS2/RO40APPC	40.54	48.27
		190 x 125mm	GXS3/RO40APPC	50.63	60.19
		220 x 150mm	GXS4/RO40APPC	51.55	63.62
		225 x 150mm	GXS5/RO40APPC	56.40	69.00
	75 x 75mm □	120 x 75mm	GXS1/SO33APPC	40.94	48.54
		140 x 100mm	GXS2/SO33APPC	44.34	52.02
		190 x 125mm	GXS3/SO33APPC	54.11	62.89
		220 x 150mm	GXS4/SO33APPC	55.56	67.53
		225 x 150mm	GXS5/SO33APPC	59.96	71.92
	100 x 75mm □	120 x 75mm	GXS1/SO43APPC	40.94	48.54
		140 x 100mm	GXS2/SO43APPC	44.34	52.02
		190 x 125mm	GXS3/SO43APPC	54.11	62.89
		220 x 150mm	GXS4/SO43APPC	55.56	67.53
		225 x 150mm	GXS5/SO43APPC	59.96	71.92
	100 x 100mm □	140 x 100mm	GXS2/SO44APPC	44.34	52.02
		190 x 125mm	GXS3/SO44APPC	54.11	62.89
		220 x 150mm	GXS4/SO44APPC	55.56	67.53
		225 x 150mm	GXS5/SO44APPC	59.96	71.92

Note: Designed to fit Heritage
Cast Aluminium Pipe. Add suffix
/F (before PPC) to code to fit
Flushjoint or Guardian pipes.

GX PRESSED ALUMINIUM GUTTER SYSTEM

MOULDED

GX PRESSED GUTTERS AND FIXINGS
GUTTERS, UNION CLIPS AND STOP-ENDS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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GUTTERS Note: GX Moulded gutters do not require bracket/straps and are screw fixed through back of gutter.

 3.0m Lengths	113 x 75mm	GXM1/3MAPPCC	82.11	100.97
	140 x 100mm	GXM2/3MAPPCC	104.47	125.55
	160 x 100mm	GXM3/3MAPPCC	105.12	129.31
	175 x 150mm	GXM4/3MAPPCC	210.89	259.41
	200 x 150mm	GXM5/3MAPPCC	244.04	300.23

UNION CLIPS - INTERNAL

	113 x 75mm	GXM1/UCAPPCC	7.66	9.66
	140 x 100mm	GXM2/UCAPPCC	10.41	13.24
	160 x 100mm	GXM3/UCAPPCC	12.47	15.33
	175 x 150mm	GXM4/UCAPPCC	13.68	17.34
	200 x 150mm	GXM5/UCAPPCC	16.84	20.08

Note: All GX series Union Clips are supplied inclusive within the cost of gutter lengths and gutter fittings.

STOP-ENDS - INTERNAL

 Left Hand	113 x 75mm	GXM1/SELAPPCC	15.03	17.34
	140 x 100mm	GXM2/SELAPPCC	15.84	18.87
	160 x 100mm	GXM3/SELAPPCC	18.87	23.31
	175 x 150mm	GXM4/SELAPPCC	25.20	29.74
	200 x 150mm	GXM5/SELAPPCC	29.41	33.82
 Right Hand	113 x 75mm	GXM1/SERAPPCC	15.03	17.34
	140 x 100mm	GXM2/SERAPPCC	15.84	18.87
	160 x 100mm	GXM3/SERAPPCC	18.87	23.31
	175 x 150mm	GXM4/SERAPPCC	25.20	29.74
	200 x 150mm	GXM5/SERAPPCC	29.41	33.82

GX PRESSED ALUMINIUM GUTTER SYSTEM

MOULDED

GX PRESSED GUTTERS AND FIXINGS
ANGLES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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90° ANGLES

 External	113 x 75mm	GXM1/EA90APPCC	65.13	72.99
	140 x 100mm	GXM2/EA90APPCC	69.14	77.58
	160 x 100mm	GXM3/EA90APPCC	71.46	81.49
	175 x 150mm	GXM4/EA90APPCC	84.45	96.39
	200 x 150mm	GXM5/EA90APPCC	92.44	104.89
 Internal	113 x 75mm	GXM1/IA90APPCC	65.13	72.99
	140 x 100mm	GXM2/IA90APPCC	69.14	77.58
	160 x 100mm	GXM3/IA90APPCC	71.46	81.49
	175 x 150mm	GXM4/IA90APPCC	84.45	96.39
	200 x 150mm	GXM5/IA90APPCC	92.44	104.89

135° ANGLES

 External	113 x 75mm	GXM1/EA135APPCC	65.11	72.99
	140 x 100mm	GXM2/EA135APPCC	69.14	77.58
	160 x 100mm	GXM3/EA135APPCC	71.46	81.42
	175 x 150mm	GXM4/EA135APPCC	84.45	96.39
	200 x 150mm	GXM5/EA135APPCC	92.44	104.89

GX PRESSED ALUMINIUM GUTTER SYSTEM

MOULDED

GX PRESSED GUTTERS AND FIXINGS
ANGLES AND OUTLETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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135° ANGLES (continued)

	Internal	113 x 75mm	GXM1/IA135APPC	65.11	72.99
		140 x 100mm	GXM2/IA135APPC	69.14	77.58
		160 x 100mm	GXM3/IA135APPC	71.46	81.42
		175 x 150mm	GXM4/IA135APPC	84.46	96.39
		200 x 150mm	GXM5/IA135APPC	92.44	104.89

RUNNING OUTLETS

	Pipe 63mm Ø	113 x 75mm	GXM1/RO25APPC	41.58	49.37
		140 x 100mm	GXM2/RO25APPC	44.34	52.95
		160 x 100mm	GXM3/RO25APPC	52.02	61.46
		175 x 150mm	GXM4/RO25APPC	75.43	87.49
		200 x 150mm	GXM5/RO25APPC	75.83	88.21
	75mm Ø	113 x 75mm	GXM1/RO30APPC	41.58	49.37
		140 x 100mm	GXM2/RO30APPC	44.34	52.95
		160 x 100mm	GXM3/RO30APPC	52.02	61.46
		175 x 150mm	GXM4/RO30APPC	75.43	87.49
		200 x 150mm	GXM5/RO30APPC	75.83	88.21
	100mm Ø	140 x 100mm	GXM2/RO40APPC	44.34	52.95
		160 x 100mm	GXM3/RO40APPC	52.02	61.46
		175 x 150mm	GXM4/RO40APPC	75.43	87.49
		200 x 150mm	GXM5/RO40APPC	75.83	88.21

Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.

GX PRESSED ALUMINIUM GUTTER SYSTEM

MOULDED

GX PRESSED GUTTERS AND FIXINGS
OUTLETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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RUNNING OUTLETS

	Pipe 75 x 75mm □	113 x 75mm	GXM1/SO33APPC	45.19	52.95
		140 x 100mm	GXM2/SO33APPC	49.45	57.89
		160 x 100mm	GXM3/SO33APPC	57.64	67.21
		175 x 150mm	GXM4/SO33APPC	81.32	93.47
		200 x 150mm	GXM5/SO33APPC	81.90	94.54
	100 x 75mm □	113 x 75mm	GXM1/SO43APPC	45.19	52.95
		140 x 100mm	GXM2/SO43APPC	49.45	57.89
		160 x 100mm	GXM3/SO43APPC	57.64	67.21
		175 x 150mm	GXM4/SO43APPC	81.32	93.47
		200 x 150mm	GXM5/SO43APPC	81.90	94.54
	100 x 100mm □	140 x 100mm	GXM2/SO44APPC	49.45	57.89
		160 x 100mm	GXM3/SO44APPC	57.64	67.21
		175 x 150mm	GXM4/SO44APPC	81.32	93.47
		200 x 150mm	GXM5/SO44APPC	81.90	94.54

Note: Designed to fit Heritage Cast Aluminium Pipe. Add suffix /F (before PPC) to code to fit Flushjoint or Guardian pipes.

FLUSHJOINT®

ALUMINIUM DOWNPIPE SYSTEM



A contemporary range of extruded aluminium downpipes. The Flushjoint system is based on concealed spigots which give a smooth, clean appearance that complements modern building design. The pipes are mounted on brackets to stand clear of the structure.

Applications

- Contemporary pipework system suitable for new build and refurbishment projects
- Compatible with Heritage, AX SnapFix, Aqualine and GX gutter systems
- Flushjoint is not designed for use in underground drainage or as part of a soil or waste system

Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order
- Also available in plain mill finish for on-site painting



Features & Performance

- Choice of circular, square and rectangular pipes
- Hidden spigot jointing arrangement used to achieve completely smooth external appearance
- Material hardness and fixing mechanisms give excellent rigidity and high impact resistance
- Lightweight, durable and non-corrodible
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Easy to handle and fix
- Aluminium is 100% recyclable

Manufacture

- UK manufactured
- Made from extruded aluminium 6063 T6 alloy to BS EN 12020, BS EN 515; BS EN 573: and BS EN 755

Installation & Fixing

- Flushjoint pipework is built from the gutter downwards starting with the offsets and bends
- A choice of brackets are available to give varying projections
- Brackets secure pipework with minimum visual intrusion
- Minimal maintenance requirements

Flushjoint Circular Pipe



See page 78



63mm dia CP25
75mm dia CP30
100mm dia CP40
150mm dia CP60

Flushjoint Square Pipe



See page 82



75 x 75mm CP33
100 x 100mm CP44

Flushjoint Rectangular Pipe



See page 82



100 x 75mm CP43



FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

FLUSHJOINT CIRCULAR PIPES AND FITTINGS
PIPES, SHOES AND BENDS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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CIRCULAR PIPES

	1.0m Lengths	63mm Ø	CP25/1MAPP	18.66	23.91
		75mm Ø	CP30/1MAPP	23.26	29.80
		100mm Ø	CP40/1MAPP	41.74	53.41
		150mm Ø	CP60/1MAPP	76.25	94.27
	2.0m Lengths	63mm Ø	CP25/2MAPP	35.77	49.88
		75mm Ø	CP30/2MAPP	41.74	58.06
		100mm Ø	CP40/2MAPP	71.21	99.10
		150mm Ø	CP60/2MAPP	157.02	207.70
	3.0m Lengths	63mm Ø	CP25/3MAPP	49.97	65.61
		75mm Ø	CP30/3MAPP	58.29	76.42
		100mm Ø	CP40/3MAPP	97.30	130.09
		150mm Ø	CP60/3MAPP	210.33	268.24

ACCESS PIPES

	63mm Ø	CP25/ACPAPP	52.13	58.35
	75mm Ø	CP30/ACPAPP	56.93	74.43
	100mm Ø	CP40/ACPAPP	67.95	79.91
	150mm Ø	CP60/ACPAPP	110.28	117.04

SHOES

	63mm Ø	CP25/SHAPP	22.66	28.95
	75mm Ø	CP30/SHAPP	23.40	29.83
	100mm Ø	CP40/SHAPP	26.38	32.87
	150mm Ø	CP60/SHAPP	35.16	42.27

BENDS

	92.5°	63mm Ø	CP25/B/92APP	31.82	38.10
		75mm Ø	CP30/B/92APP	32.95	39.36
		100mm Ø	CP40/B/92APP	37.17	43.69
		150mm Ø	CP60/B/92APP	49.73	56.34
	112.5°	63mm Ø	CP25/B/112APP	31.82	38.10
		75mm Ø	CP30/B/112APP	32.95	39.36
		100mm Ø	CP40/B/112APP	37.17	43.69
		150mm Ø	CP60/B/112APP	49.73	56.34
	135°	63mm Ø	CP25/B/135APP	31.82	38.10
		75mm Ø	CP30/B/135APP	32.95	39.36
		100mm Ø	CP40/B/135APP	37.17	43.69
		150mm Ø	CP60/B/135APP	49.73	56.34

*Note: Flushjoint can be used with any Alumasc Aluminium Gutter System, providing the girth of the gutter is sufficient to accommodate the cross sectioned area of the pipe. Running outlets are made to order according to choice of gutter and project requirements.

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

FLUSHJOINT CIRCULAR PIPES AND FITTINGS
BRANCHES AND OFFSETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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BRANCHES

	92.5°	63mm Ø	CP25/BR/92APP	31.82	38.10
		75mm Ø	CP30/BR/92APP	32.95	39.36
		100mm Ø	CP40/BR/92APP	37.17	43.69
		150mm Ø	CP60/BR/92APP	58.78	65.34
	112.5°	63mm Ø	CP25/BR/112APP	31.82	38.10
		75mm Ø	CP30/BR/112APP	32.95	39.36
		100mm Ø	CP40/BR/112APP	37.17	43.69
		150mm Ø	CP60/BR/112APP	58.78	65.34
	135°	63mm Ø	CP25/BR/135APP	31.82	38.10
		75mm Ø	CP30/BR/135APP	32.95	39.36
		100mm Ø	CP40/BR/135APP	37.17	43.69
		150mm Ø	CP60/BR/135APP	58.78	65.34

92.5° 2 PIECE OFFSETS

	63mm Ø	250mm Offset	CP25/250/92APP	62.58	71.82
		500mm Offset	CP25/500/92APP	69.50	79.79
		750mm Offset	CP25/750/92APP	76.43	87.76
		1000mm Offset	CP25/1000/92APP	83.35	95.74
	75mm Ø	250mm Offset	CP30/250/92APP	65.97	75.25
		500mm Offset	CP30/500/92APP	73.36	83.65
		750mm Offset	CP30/750/92APP	80.65	92.00
		1000mm Offset	CP30/1000/92APP	88.03	100.36
	100mm Ø	250mm Offset	CP40/250/92APP	79.32	88.63
		500mm Offset	CP40/500/92APP	88.13	98.49
		750mm Offset	CP40/750/92APP	96.94	108.39
		1000mm Offset	CP40/1000/92APP	105.75	118.20
	150mm Ø	250mm Offset	CP60/250/92APP	118.99	128.54
		500mm Offset	CP60/500/92APP	132.16	142.84
		750mm Offset	CP60/750/92APP	145.43	157.10
		1000mm Offset	CP60/1000/92APP	158.64	171.42

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

FLUSHJOINT CIRCULAR PIPES AND FITTINGS
OFFSETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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112.5° 2 PIECE OFFSETS

	63mm Ø	250mm Offset	CP25/250/112APPC	62.58	71.82
		500mm Offset	CP25/500/112APPC	69.50	79.79
		750mm Offset	CP25/750/112APPC	76.43	87.76
		1000mm Offset	CP25/1000/112APPC	83.35	95.74
75mm Ø		250mm Offset	CP30/250/112APPC	65.97	75.25
		500mm Offset	CP30/500/112APPC	73.36	83.65
		750mm Offset	CP30/750/112APPC	80.65	92.00
		1000mm Offset	CP30/1000/112APPC	88.03	100.36
100mm Ø		250mm Offset	CP40/250/112APPC	79.32	88.63
		500mm Offset	CP40/500/112APPC	88.13	98.49
		750mm Offset	CP40/750/112APPC	96.94	108.39
		1000mm Offset	CP40/1000/112APPC	105.75	118.20
150mm Ø		250mm Offset	CP60/250/112APPC	118.99	128.54
		500mm Offset	CP60/500/112APPC	132.16	142.84
		750mm Offset	CP60/750/112APPC	145.43	157.10
		1000mm Offset	CP60/1000/112APPC	158.64	171.42

135° 2 PIECE OFFSETS

	63mm Ø	250mm Offset	CP25/250/135APPC	62.58	71.82
		500mm Offset	CP25/500/135APPC	69.50	79.79
		750mm Offset	CP25/750/135APPC	76.43	87.76
		1000mm Offset	CP25/1000/135APPC	83.35	95.74
75mm Ø		250mm Offset	CP30/250/135APPC	65.97	75.25
		500mm Offset	CP30/500/135APPC	73.36	83.65
		750mm Offset	CP30/750/135APPC	80.65	92.00
		1000mm Offset	CP30/1000/135APPC	88.03	100.36

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

CIRCULAR PIPES

FLUSHJOINT CIRCULAR PIPES AND FITTINGS
OFFSETS AND PIPE CLIPS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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135° 2 PIECE OFFSETS (continued)

	100mm Ø	250mm Offset	CP40/250/135APPC	79.32	88.63
		500mm Offset	CP40/500/135APPC	88.13	98.49
		750mm Offset	CP40/750/135APPC	96.94	108.39
		1000mm Offset	CP40/1000/135APPC	105.75	118.20
150mm Ø		250mm Offset	CP60/250/135APPC	118.99	128.54
		500mm Offset	CP60/500/135APPC	132.16	142.84
		750mm Offset	CP60/750/135APPC	145.43	157.10
		1000mm Offset	CP60/1000/135APPC	158.64	171.42

135° FIXED OFFSETS

	63mm Ø	75mm Offset	CP25/75/135APPC	31.82	38.10
	75mm Ø	75mm Offset	CP30/75/135APPC	32.95	39.36
	100mm Ø	75mm Offset	CP40/75/135APPC	37.17	43.69

LOOSE SPIGOTS

	63mm Ø	RW1/SPIG/100	7.75	NA
	75mm Ø	RW2/SPIG/100	8.66	NA
	100mm Ø	RW3/SPIG/100	11.62	NA

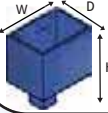
FLUSHJOINT DIVERTERS

	63mm Ø	CP25/DIVPPC	101.14	107.46
	75mm Ø	CP30/DIVPPC	102.30	108.71
	100mm Ø	CP40/DIVPPC	106.50	113.00
	150mm Ø	CP60/DIVPPC	128.11	134.65

PIPE CLIPS

	Standard	63mm Ø	RW1/236PPC	6.57	8.27
		75mm Ø	RW2/237PPC	7.38	9.56
		100mm Ø	RW3/238PPC	8.33	10.84
		150mm Ø	RW60/PCPPC	25.12	29.24
	Extended Base	63mm Ø	RW1/364PPC	18.81	20.60
		75mm Ø	RW2/365PPC	19.28	21.38
		100mm Ø	RW3/366PPC	19.81	22.10
	Small Base	63mm Ø	RW1/SB/PCPPC	8.74	10.93
		75mm Ø	RW2/SB/PCPPC	9.65	12.30
		100mm Ø	RW3/SB/PCPPC	10.57	13.50

RECTANGULAR HOPPER

	W 250 x D 180 x H 200mm	63mm Ø	CP25/HOPPPC	111.83	124.24
		75mm Ø	CP30/HOPPPC	111.83	124.24
		100mm Ø	CP40/HOPPPC	111.83	124.24

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

FLUSHJOINT SQUARE/RECTANGULAR PIPES AND FITTINGS
PIPES, SHOES AND BENDS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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SQUARE/RECTANGULAR PIPES

	1.0m Lengths	75 x 75mm □	CP33/1MAPPC	48.68	62.34
		100 x 75mm □	CP43/1MAPPC	54.84	70.19
		100 x 100mm □	CP44/1MAPPC	67.99	87.03
	2.0m Lengths	75 x 75mm □	CP33/2MAPPC	89.18	109.97
		100 x 75mm □	CP43/2MAPPC	101.88	128.51
		100 x 100mm □	CP44/2MAPPC	122.90	154.70
	3.0m Lengths	75 x 75mm □	CP33/3MAPPC	125.28	146.36
		100 x 75mm □	CP43/3MAPPC	142.35	171.85
		100 x 100mm □	CP44/3MAPPC	174.10	207.78

ACCESS PIPES

	75 x 75mm □	CP33/ACPAPPC	64.69	71.05
	100 x 75mm □	CP43/ACPAPPC	69.68	76.14
	100 x 100mm □	CP44/ACPAPPC	80.60	87.31

SHOES

	75 x 75mm □	CP33/SHAPPC	27.02	33.41
	100 x 75mm □	CP43/SHAPPC	28.60	35.05
	100 x 100mm □	CP44/SHAPPC	31.46	37.94

BENDS

	92.5°	75 x 75mm □	CP33/B/92APPC	38.06	44.40
		100 x 75mm □	CP43/B/92APPC	40.46	46.88
		100 x 100mm □	CP44/B/92APPC	44.55	51.22
	112.5°	75 x 75mm □	CP33/B/112APPC	38.06	44.40
		100 x 75mm □	CP43/B/112APPC	40.46	46.88
		100 x 100mm □	CP44/B/112APPC	44.55	51.22
	135°	75 x 75mm □	CP33/B/135APPC	38.06	44.40
		100 x 75mm □	CP43/B/135APPC	40.46	46.88
		100 x 100mm □	CP44/B/135APPC	44.55	51.22

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

FLUSHJOINT SQUARE/RECTANGULAR PIPES AND FITTINGS
BRANCHES AND OFFSETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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BRANCHES

	92.5°	75 x 75mm □	CP33/BR/92APPC	38.06	44.40
		100 x 75mm □	CP43/BR/92APPC	40.46	46.88
		100 x 100mm □	CP44/BR/92APPC	44.55	51.22
	112.5°	75 x 75mm □	CP33/BR/112APPC	38.06	44.40
		100 x 75mm □	CP43/BR/112APPC	40.46	46.88
		100 x 100mm □	CP44/BR/112APPC	44.55	51.22
	135°	75 x 75mm □	CP33/BR/135APPC	38.06	44.40
		100 x 75mm □	CP43/BR/135APPC	40.46	46.88
		100 x 100mm □	CP44/BR/135APPC	44.55	51.22

92.5° 2 PIECE OFFSETS

	75 x 75mm □	250mm Offset	CP33/250/92APPC	82.17	91.45
		500mm Offset	CP33/500/92APPC	91.28	101.59
		750mm Offset	CP33/750/92APPC	100.43	111.72
		1000mm Offset	CP33/1000/92APPC	109.52	121.86
	100 x 75mm □	250mm Offset	CP43/250/92APPC	89.44	98.72
		500mm Offset	CP43/500/92APPC	99.38	109.69
		750mm Offset	CP43/750/92APPC	109.32	120.68
		1000mm Offset	CP43/1000/92APPC	119.25	131.65
	100 x 100mm □	250mm Offset	CP44/250/92APPC	102.45	111.83
		500mm Offset	CP44/500/92APPC	113.86	124.22
		750mm Offset	CP44/750/92APPC	125.22	136.65
		1000mm Offset	CP44/1000/92APPC	136.63	149.07

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

FLUSHJOINT SQUARE/RECTANGULAR PIPES AND FITTINGS
OFFSETS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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112.5° 2 PIECE OFFSETS

	75 x 75mm □	250mm Offset	CP33/250/112APPC	82.17	91.45
		500mm Offset	CP33/500/112APPC	91.28	101.59
		750mm Offset	CP33/750/112APPC	100.43	111.72
		1000mm Offset	CP33/1000/112APPC	109.52	121.86
100 x 75mm □		250mm Offset	CP43/250/112APPC	89.44	98.72
		500mm Offset	CP43/500/112APPC	99.38	109.69
		750mm Offset	CP43/750/112APPC	109.32	120.68
		1000mm Offset	CP43/1000/112APPC	119.25	131.65
100 x 100mm □		250mm Offset	CP44/250/112APPC	102.45	111.83
		500mm Offset	CP44/500/112APPC	113.86	124.22
		750mm Offset	CP44/750/112APPC	125.22	136.65
		1000mm Offset	CP44/1000/112APPC	136.63	149.07

135° 2 PIECE OFFSETS

	75 x 75mm □	250mm Offset	CP33/250/135APPC	82.17	91.45
		500mm Offset	CP33/500/135APPC	91.28	101.59
		750mm Offset	CP33/750/135APPC	100.43	111.72
		1000mm Offset	CP33/1000/135APPC	109.52	121.86
100 x 75mm □		250mm Offset	CP43/250/135APPC	89.44	98.72
		500mm Offset	CP43/500/135APPC	99.38	109.69
		750mm Offset	CP43/750/135APPC	109.32	120.68
		1000mm Offset	CP43/1000/135APPC	119.25	131.65
100 x 100mm □		250mm Offset	CP44/250/135APPC	102.45	111.83
		500mm Offset	CP44/500/135APPC	113.86	124.22
		750mm Offset	CP44/750/135APPC	125.22	136.65
		1000mm Offset	CP44/1000/135APPC	136.63	149.07

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

FLUSHJOINT SQUARE/RECTANGULAR PIPES AND FITTINGS
OFFSETS AND PIPE CLIPS

Description	Nom. Size	Code	Price MILL £	Price PPC £
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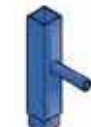
135° FIXED OFFSETS

	75 x 75mm □ Fixed offsets are 75mm Projection	75 x 75mm Offset	CP33/75/135APPC	38.06	44.40
		100 x 75mm Offset	CP43/75/135APPC	40.46	46.88
		100 x 100mm Offset	CP44/75/135APPC	44.55	51.22

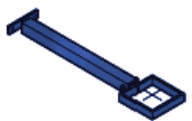
LOOSE SPIGOTS

	75 x 75mm □	RW33/SPIG/100	14.32	NA
	100 x 75mm □	RW43/SPIG/100	17.92	NA
	100 x 100mm □	RW44/SPIG/100	18.90	NA

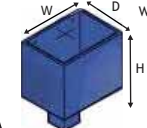
FLUSHJOINT DIVERTERS

	75 x 75mm □	CP33/DIVPPC	107.38	113.74
	100 x 75mm □	CP43/DIVPPC	109.81	116.21
	100 x 100mm □	CP44/DIVPPC	113.89	120.54

PIPE CLIPS

  	Standard	75 x 75mm □	RW33/PCPPC	6.46	8.18
		100 x 75mm □	RW43/PCPPC	7.30	9.32
		100 x 100mm □	RW44/PCPPC	8.54	11.11
	Extended Base	75 x 75mm □	RW33/EX/PCPPC	18.96	20.92
		100 x 75mm □	RW43/EX/PCPPC	19.46	21.65
		100 x 100mm □	RW44/EX/PCPPC	20.94	23.55
	Small Base	75 x 75mm □	RW33/SB/PCPPC	8.55	10.66
		100 x 75mm □	RW43/SB/PCPPC	9.47	12.00
		100 x 100mm □	RW44/SB/PCPPC	10.86	13.85

RECTANGULAR HOPPER

	W 250 x D 180 x H 200mm	75 x 75mm	CP33/HOPPPC	111.83	124.24
		100 x 75mm	CP43/HOPPPC	111.83	124.24
		100 x 100mm	CP44/HOPPPC	111.83	124.24

FLUSHJOINT ALUMINIUM DOWNPIPE SYSTEM

SQUARE PIPES

FLUSHJOINT SQUARE TO ROUND ADAPTOR

Description	Nom. Size From - To (MM)	Code	Price MILL £	Price PPC £
FLUSHJOINT SQUARE TO ROUND ADAPTOR				
	75 x 75 - 63mm	CP33/CP25PPC	85.97	88.85
	75 x 75 - 75mm	CP33/CP30PPC	86.09	88.99
	75 x 75 - 100mm	CP33/CP40PPC	87.23	90.16
	100 x 75 - 63mm	CP43/CP25PPC	86.51	89.41
	100 x 75 - 75mm	CP43/CP30PPC	86.64	89.56
	100 x 75 - 100mm	CP43/CP40PPC	87.77	90.71
	100 x 100 - 63mm	CP44/CP25PPC	87.73	90.67
	100 x 100 - 75mm	CP44/CP30PPC	87.87	90.81
	100 x 100 - 100mm	CP44/CP40PPC	88.99	91.96
	100 x 75 - 75 x 75mm	CP43/CP33PPC	88.29	89.97
	100 x 100mm - 75 x 75mm	CP44/CP33PPC	88.32	91.27
	100 x 100mm - 100 x 75	CP44/CP43PPC	88.40	91.36

SWAGED
EXTRUDED ALUMINIUM DOWNPIPE SYSTEM

Swaged Extruded Aluminium Downpipe system offers an economical metal downpipe system, available in circular pipes in a choice of three sizes.

Applications

- Contemporary pipework system suitable for both new build and refurbishment projects
- Compatible with AX Extruded gutter range
- Long life alternative to uPVC gutters

Features & Performance

- Circular downpipe, in a choice of three sizes
- Expanded pipe end to create an integral connection
- Lightweight, durable and non-corrodible
- Material hardness and fixing mechanisms give excellent rigidity and high impact resistance
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Easy to handle and fix
- Aluminium is 100% recyclable

Swaged Circular Pipe



See page 88



63mm (2.5") SW25
75mm (3") SW30
100mm (6") SW40

Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order
- Also available in plain mill finish for on-site painting



Manufacture

- UK manufactured
- Made from extruded aluminium 6063 T6 alloy to BS EN 12020, BS EN 515:, BS EN 573: and BS EN 755

Installation & Fixing

- Swaged pipework is built from the gutter downwards starting with the offset
- Standard pipe clips can be used to fix the pipe work to the building facade
- Minimal maintenance requirements



SWAGED DOWNPIPE SYSTEM

CIRCULAR PIPES

SWAGED CIRCULAR PIPES AND FITTINGS
SHOES, BENDS AND BRANCHES

Description	Nom. Size	Code	Price MILL £	Price PPC £
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CIRCULAR PIPES

	1.0m Lengths	63mm Ø	SW25/1MPPC	16.55	19.74
		75mm Ø	SW30/1MPPC	21.22	24.73
		100mm Ø	SW40/1MPPC	29.37	34.11
	2.0m Lengths	63mm Ø	SW25/2MPPC	35.61	40.92
		75mm Ø	SW30/2MPPC	38.84	45.20
		100mm Ø	SW40/2MPPC	55.29	64.03
	3.0m Lengths	63mm Ø	SW25/3MPPC	43.63	52.79
		75mm Ø	SW30/3MPPC	52.82	63.47
		100mm Ø	SW40/3MPPC	78.49	95.41

ACCESS PIPES

	63mm Ø	SW25/ACPPPC	36.78	45.37
	75mm Ø	SW30/ACPPPC	51.84	62.13
	100mm Ø	SW40/ACPPPC	62.30	75.34

SHOES

	63mm Ø	SW25/SHPPC	17.56	21.16
	75mm Ø	SW30/SHPPC	19.47	22.86
	100mm Ø	SW40/SHPPC	20.21	24.34

BENDS

	92.5°	63mm Ø	SW25/B/92PPC	16.14	17.81
		75mm Ø	SW30/B/92PPC	17.32	18.69
		100mm Ø	SW40/B/92PPC	19.60	22.26
	112.5°	63mm Ø	SW25/B/112PPC	16.14	17.81
		75mm Ø	SW30/B/112PPC	17.32	18.69
		100mm Ø	SW40/B/112PPC	19.60	22.26
	135°	63mm Ø	SW25/B/135PPC	16.14	17.81
		75mm Ø	SW30/B/135PPC	17.32	18.69
		100mm Ø	SW40/B/135PPC	19.60	22.26

BRANCHES

	92.5°	63mm Ø	SW25/BR/92PPC	30.17	35.45
		75mm Ø	SW30/BR/92PPC	31.15	36.42
		100mm Ø	SW40/BR/92PPC	34.37	39.25
	112.5°	63mm Ø	SW25/BR/112PPC	30.17	35.45
		75mm Ø	SW30/BR/112PPC	31.15	36.42
		100mm Ø	SW40/BR/112PPC	34.37	39.25
	135°	63mm Ø	SW25/BR/135PPC	30.17	35.45
		75mm Ø	SW30/BR/135PPC	31.15	36.42
		100mm Ø	SW40/BR/135PPC	34.37	39.25

SWAGED DOWNPIPE SYSTEM

CIRCULAR PIPES

SWAGED CIRCULAR PIPES AND FITTINGS
BRANCHES, OFFSETS, PIPE CLIPS AND HOPPERS

Description	Size (Projection x Width)	Code	Price MILL £	Price PPC £
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DOUBLE BRANCHES

	92.5°	63mm Ø	SW25/DBR/92PPC	55.69	65.50
		75mm Ø	SW30/DBR/92PPC	57.32	67.16
		100mm Ø	SW40/DBR/92PPC	59.71	70.42
	112.5°	63mm Ø	SW25/DBR/112PPC	55.69	65.50
		75mm Ø	SW30/DBR/112PPC	57.32	67.16
		100mm Ø	SW40/DBR/112PPC	59.71	70.42
	135°	63mm Ø	SW25/DBR/135PPC	55.69	65.50
		75mm Ø	SW30/DBR/135PPC	57.32	67.16
		100mm Ø	SW40/DBR/135PPC	59.71	70.42

112.5° FIXED OFFSET

	63 x 75mm	SW25/FO/75PPC	30.17	34.93
	75 x 75mm	SW30/FO/75PPC	31.18	37.54
	100 x 75mm	SW40/FO/75PPC	33.60	41.61

112.5° TWO PART OFFSETS

	63mm	250mm	SW25/TPO/250PPC	31.94	38.72
		500mm	SW25/TPO/500PPC	35.32	42.88
		750mm	SW25/TPO/750PPC	37.54	45.48
		1000mm	SW25/TPO/1000PPC	66.85	80.43
	75mm	250mm	SW30/TPO/250PPC	35.19	43.06
		500mm	SW30/TPO/500PPC	41.04	48.79
		750mm	SW30/TPO/750PPC	42.84	51.11
		1000mm	SW30/TPO/1000PPC	68.82	81.31
	100mm	250mm	SW40/TPO/250PPC	40.67	49.62
		500mm	SW40/TPO/500PPC	48.00	56.96
		750mm	SW40/TPO/750PPC	50.42	60.03
		1000mm	SW40/TPO/1000PPC	79.29	93.79

PIPE CLIPS

	63mm	RW1/236PPC	6.35	7.99
	75mm	RW2/237PPC	7.13	9.24
	100mm	RW3/238PPC	8.05	10.47

RECTANGULAR HOPPER

	63mm Ø	CP25/HOPPPC	108.05	120.04
	75mm Ø	CP30/HOPPPC	108.05	120.04
	100mm Ø	CP40/HOPPPC	108.05	120.04

SWAGED SOCKETS

	63mm Ø	SW25/SOCPPC	14.29	18.04
	75mm Ø	SW30/SOCPPC	16.66	20.43
	100mm Ø	SW40/SOCPPC	19.30	23.07

GUARDIAN[®]

ALUMINIUM SECURITY PIPE SYSTEM



A contemporary range of extruded aluminium downpipes designed for mounting flush with the building fabric. Guardian pipework has concealed brackets and concealed jointing which provides a high level of security.

Applications

- Specifically designed for security conscious environments
- Suitable for new build and refurbishment projects
- Compatible with Heritage, Aqualine and GX Gutter systems

Features & Performance

- Choice of circular, square and rectangular pipes
- Profiles fit flush to the wall making them vandal resistant and anti-climb design
- Lightweight, durable and non-corrodible
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Easy to handle and fix
- Aluminium is 100% recyclable

Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order
- Also available in plain mill finish for on-site painting



Manufacture

- UK manufactured
- Made from extruded aluminium 6063 T6 alloy to BS EN 12020, BS EN 515:, BS EN 573: and BS EN 755

Installation & Fixing

- Method of fixing allows pipes to be fitted into a recess in the facade
- Systems are assembled from the ground upwards connecting to running outlets
- Special drain connectors are available for connection to gullies



Guardian Circular Pipe



See page 92



86 x 106mm HSP/V30
111 x 138mm HSP/V40

Guardian Square Pipe

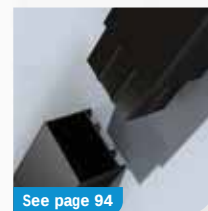


See page 94



80 x 72mm HSP/S33
109 x 102mm HSP/S44

Guardian Rectangular Pipe



See page 94



84 x 102mm HSP/S43



GUARDIAN ALUMINIUM SECURITY DOWNPIPE SYSTEM

CIRCULAR PIPES

GUARDIAN SECURITY CIRCULAR PIPES AND FITTINGS
PIPES, SHOES, CONNECTORS, BENDS AND BRANCHES

Description	Size (Projection x Width)	Code	Price MILL £	Price PPC £
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CIRCULAR PIPES Note: Guardian is a bespoke manufactured range. Contact Alumasc Technical Services for more information.

	1.0m Lengths	86 x 106mm	HSP/V30/1MAPPC	74.14	88.95
		111 x 138mm	HSP/V40/1MAPPC	87.31	104.75
	2.0m Lengths	86 x 106mm	HSP/V30/2MAPPC	127.43	149.87
		111 x 138mm	HSP/V40/2MAPPC	160.97	189.46

SHOE

	86 x 106mm	HSP/V30/SHPPC	80.31	87.75
	111 x 138mm	HSP/V40/SHPPC	80.31	87.75

ACCESS PIPE

	86 x 106mm	HSP/V30/ACPPPC	120.40	136.33
	111 x 138mm	HSP/V40/ACPPPC	120.40	136.33

DRAIN CONNECTOR

 Please note: Made to order so extended lead times may apply. Bespoke item - contact Alumasc for details.	86 x 106mm	HSP/V30/VAR/ADP4PPC	POA	POA
	111 x 138mm	HSP/V40/VAR/ADP4PPC	POA	POA

BEND

 Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	86 x 106mm	HSP/V30/BPPC	91.76	98.72
	111 x 138mm	HSP/V40/BPPC	91.76	98.72

GUARDIAN ALUMINIUM SECURITY DOWNPIPE SYSTEM

CIRCULAR PIPES

GUARDIAN SECURITY CIRCULAR PIPES AND FITTINGS
OFFSETS, MAKE-UP PIECE AND HOPPERS

Description	Size (Projection x Width)	Code	Price MILL £	Price PPC £
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BRANCH

 Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	86 x 106mm	HSP/V30/BRPPC	173.23	219.45
	111 x 138mm	HSP/V40/BRPPC	173.23	219.45

OFFSET UP TO 305mm

 Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	86 x 106mm	HSP/V30/305PPC	152.18	164.26
	111 x 138mm	HSP/V40/305PPC	152.18	164.26

OFFSET UP TO 533mm

 Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	86 x 106mm	HSP/V30/533PPC	164.34	178.35
	111 x 138mm	HSP/V40/533PPC	164.34	178.35

OFFSET UP TO 762mm

 Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	86 x 106mm	HSP/V30/762PPC	176.29	192.27
	111 x 138mm	HSP/V40/762PPC	176.29	192.27

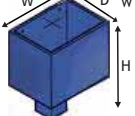
135° FIXED OFFSET

	86 x 106mm	HSP/V30/75/135APPC	86.47	99.44
	111 x 138mm	HSP/V40/75/135APPC	86.47	99.44

MAKE-UP PIECE

 May be required depending on installation for hoppers & running outlets, contact Technical for support	86 x 106mm	HSP/V30/MUPPPC	76.14	88.79
	111 x 138mm	HSP/V40/MUPPPC	76.14	88.79

RECTANGULAR HOPPER

 W 250 x D 180 x H 200mm	86 x 106mm	HSP/V30/HOPPPC	111.83	124.24
	111 x 138mm	HSP/V40/HOPPPC	111.83	124.24

Note: Guardian is a bespoke manufactured range. Contact Alumasc Technical Services for more information.

GUARDIAN ALUMINIUM SECURITY DOWNPIPE SYSTEM

SQUARE PIPES

GUARDIAN SECURITY SQUARE PIPES AND FITTINGS
PIPES, SHOES, CONNECTORS, BENDS AND BRANCHES

Description	Size (Projection x Width)	Code	Price MILL £	Price PPC £
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SQUARE PIPES Note: Guardian is a bespoke manufactured range. Contact Alumasc Technical Services for more information.

	1.0m Lengths	80 x 72mm	HSP/S33/1MAPPCC	65.10	78.12
		109 x 102mm	HSP/S44/1MAPPCC	100.55	120.63
	2.0m Lengths	80 x 72mm	HSP/S33/2MAPPCC	117.77	138.56
		109 x 102mm	HSP/S44/2MAPPCC	168.25	197.94

SHOE

	80 x 72mm	HSP/S33/SHPPC	80.31	87.75
	109 x 102mm	HSP/S44/SHPPC	80.31	87.75

ACCESS PIPE

	80 x 72mm	HSP/S33/ACPPPC	120.40	136.33
	109 x 102mm	HSP/S44/ACPPPC	120.39	136.33

DRAIN CONNECTOR

Please note: Made to order so extended lead times may apply. Bespoke item - contact Alumasc for details.	80 x 72mm	HSP/S33/VAR/ADP4PPC	POA	POA
	109 x 102mm	HSP/S44/VAR/ADP4PPC	POA	POA

BEND

	80 x 72mm	HSP/S33/BPPC	91.76	98.72
	109 x 102mm	HSP/S33/BPPC	91.76	98.72

BRANCH

	80 x 72mm	HSP/S33/BRPPC	173.23	219.45
	109 x 102mm	HSP/S44/BRPPC	173.23	219.45

GUARDIAN ALUMINIUM SECURITY DOWNPIPE SYSTEM

SQUARE PIPES

GUARDIAN SECURITY SQUARE PIPES AND FITTINGS
OFFSETS MAKE-UP PIECE & HOPPERS

Description	Size (Projection x Width)	Code	Price MILL £	Price PPC £
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OFFSET UP TO 305mm

Suffix 92, 112 or 135 for angle & / F / B / L / R for direction.	80 x 72mm	HSP/S33/305PPC	152.18	164.26
	109 x 102mm	HSP/S44/305PPC	152.18	164.26

OFFSET UP TO 533mm

Suffix 92, 112 or 135 for angle & / F / B / L / R for direction.	80 x 72mm	HSP/S33/533PPC	164.34	178.35
	109 x 102mm	HSP/S44/533PPC	164.34	178.35

OFFSET UP TO 762mm

Suffix 92, 112 or 135 for angle & / F / B / L / R for direction.	80 x 72mm	HSP/S33/762PPC	176.29	192.27
	109 x 102mm	HSP/S44/762PPC	176.29	192.27

135° OFFSET

	80 x 72mm	HSP/S33/75/135APPC	86.47	99.44
	109 x 102mm	HSP/S44/75/135APPC	86.47	99.44

MAKE-UP PIECE

May be required depending on installation for hoppers & running outlets, contact Technical for support	80 x 72mm	HSP/S33/MUPPPC	76.14	88.79
	109 x 102mm	HSP/S44/MUPPPC	76.14	88.79

RECTANGULAR HOPPER

W 250 x D 180 x H 200mm	80 x 72mm	HSP/S33/HOPPPC	111.83	124.25
	109 x 102mm	HSP/S44/HOPPPC	111.83	124.25

Note: Guardian is a bespoke manufactured range. Contact Alumasc Technical Services for more information.

GUARDIAN ALUMINIUM SECURITY DOWNPIPE SYSTEM

RECTANGULAR PIPES

GUARDIAN SECURITY RECTANGULAR PIPES AND FITTINGS
PIPES, SHOES, CONNECTORS, BENDS AND BRANCHES

Description	Size (Projection x Width)	Code	Price MILL £	Price PPC £
-------------	------------------------------	------	--------------	-------------

RECTANGULAR PIPES Note: Guardian is a bespoke manufactured range. Contact Alumasc Technical Services for more information.

	1.0m Length	84 x 102mm	HSP/S43/1MAPPC	80.50	96.69
	2.0m Length	84 x 102mm	HSP/S43/2MAPPC	139.38	164.02

SHOE

	84 x 102mm	HSP/S43/SHPPC	80.31	87.75
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ACCESS PIPE

	84 x 102mm	HSP/S43/ACPPPC	120.40	136.33
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DRAIN CONNECTOR

	Please note: Made to order so extended lead times may apply. Bespoke item - contact Alumasc for details.	84 x 102mm	HSP/S43/VAR/AD4PPC	POA	POA
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BEND

	Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	84 x 102mm	HSP/S43/BPPC	91.76	98.72
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BRANCH

	Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	84 x 102mm	HSP/S43/BRPPC	173.23	219.45
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GUARDIAN ALUMINIUM SECURITY DOWNPIPE SYSTEM

RECTANGULAR PIPES

GUARDIAN SECURITY RECTANGULAR PIPES AND FITTINGS
OFFSETS AND MAKE-UP PIECE

Description	Size (Projection x Width)	Code	Price MILL £	Price PPC £
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OFFSET UP TO 305mm

	Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	84 x 102mm	HSP/S43/305PPC	152.18	164.26
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OFFSET UP TO 533mm

	Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	84 x 102mm	HSP/S43/533PPC	164.34	178.35
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OFFSET UP TO 762mm

	Suffix 92, 112 or 135 for angle & /F /B /L /R for direction.	84 x 102mm	HSP/S43/762PPC	176.29	192.27
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135° FIXED OFFSET

	84 x 102mm	HSP/S43/75/135APPC	86.47	99.44
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MAKE-UP PIECE

	84 x 102mm	HSP/S43/MUPPPC	76.14	88.79
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RECTANGULAR HOPPER

	250 x 180 x 200mm 84 x 102mm	HSP/S43/HOPPPC	111.83	124.24
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Note: Guardian is a bespoke manufactured range. Contact Alumasc Technical Services for more information.

ALUMINIUM RAINWATER SYSTEMS

SUNDRY ITEMS

	Description	Code	Colour	List Price £	
SUNDRY ITEMS					
	Silicone Sealant	310cc Dow Corning 791 Silicone	SS991561	791 Black	15.57
		310cc Dow Corning 791 Silicone	SS991558	791 White	15.57
		310cc Dow Corning 791 Silicone	SS991562	791 Limestone	15.57
		310cc Dow Corning 791 Silicone	SS991560	791 Bronze	15.57
		310cc Dow Corning 791 Silicone	SS991559	791 Grey	15.57
		Clear Low Modulus Silicone	SS991563	996 Translucent	15.57
	Solvent Cleaner	400ml Fast Drying Solvent Cleaner	SC991281		21.04
	Backing Foam	10m Roll x 6m dia Backing Foam	BF991408		11.14
	Woodscrew	No 12 x 2" Roundhead Woodscrew with Washer (To fix pipe sockets with ears or pipe clips)	NBW630361		0.51
		No 12 x 1.5" Roundhead Woodscrew with Washer (To fix cast FASCIA BRACKETS or for 'direct fix' gutters)	NBW630362		0.39
		No 12 x 1.5" Countersunk Woodscrew (To fix rafter arms and GX brackets)	ZNBW969041		0.42
	Aluminium Nut/ Bolt/Washer	M6 x 20mm Aluminium Nut/Bolt/Washer for use with the Heritage gutter range	NBW630307		0.41
		M6 x 12mm Aluminium Nut/Bolt/Washer for use with the GX gutter range	NBW630308		0.39
	Lightning Link	Lightning Link Assembly	LL632914		13.26
		225ml Oxide Inhibitor Compound (50 Links/225ml)	LL991972		81.73

Note: Provides an earth continuity bond intended for connection across joints on-site thereby providing electrical continuity throughout the entire metal gutter system. Extra pre-drilled fixing holes in gutter and fittings can be provided.

ALUMINIUM RAINWATER SYSTEMS

SUNDRY ITEMS

	Description	Code	Colour	Size	List Price £
STANDARD COLOURS Colours are reproduced for general guidance only. Please contact Alumasc for samples and further information.					
Touch Up Paint	RAL 1011M		TUP/RAL1011M/125	Brown Beige	125ml 19.74
	RAL 1013M		TUP/RAL1013M/125	Pearl White	125ml 19.74
	RAL 1021M		TUP/RAL1021M/125	Cadmium Yellow	125ml 19.74
	RAL 2002M		TUP/RAL2002M/125	Vermilion	125ml 19.74
	RAL 3003M		TUP/RAL3003M/125	Ruby Red	125ml 19.74
	RAL 3005M		TUP/RAL3005M/125	Wine Red	125ml 19.74
	RAL 5003M		TUP/RAL5003M/125	Sapphire Blue	125ml 19.74
	RAL 5010M		TUP/RAL5010M/125	Flower Blue	125ml 19.74
	RAL 6005M		TUP/RAL6005M/125	Moss Green	125ml 19.74
	RAL 6018M		TUP/RAL6018M/125	Yellow Green	125ml 19.74
	RAL 7005M		TUP/RAL7005M/125	Mouse Grey	125ml 19.74
	RAL 7006M		TUP/RAL7006M/125	Beige Grey	125ml 19.74
	RAL 7012M		TUP/RAL7012M/125	Basalt Grey	125ml 19.74
	RAL 7015M		TUP/RAL7015M/125	Slate Grey	125ml 19.74
	RAL 7016M		TUP/RAL7016M/125	Anthracite Grey	125ml 19.74
	RAL 7024M		TUP/RAL7024M/125	Graphite Grey	125ml 19.74
	RAL 7036M		TUP/RAL7036M/125	Platinum Grey	125ml 19.74
	RAL 7037M		TUP/RAL7037M/125	Dusty Grey	125ml 19.74
	RAL 7038M		TUP/RAL7038M/125	Agate Grey	125ml 19.74
	RAL 8017M		TUP/RAL8017M/125	Chocolate Brown	125ml 19.74
	RAL 8019M		TUP/RAL8019M/125	Grey Brown	125ml 19.74
	RAL 9006M		TUP/RAL9006M/125	Metallic Silver	125ml 19.74
	RAL 9006G		TUP/RAL9006G/125	Metallic Silver	125ml 19.74
	RAL 9016M		TUP/RAL9016M/125	White	125ml 19.74
	RAL 9017M		TUP/RAL9017M/125	Black	125ml 19.74
	Textured Black		TUP/BLACK/TXT	Black (Spray Can)	400ml 25.86

APEX® HERITAGE

CAST IRON RAINWATER SYSTEMS



Apex Heritage is a comprehensive range of traditional gutter profiles, round, square and rectangular pipes and all associated fittings and accessories. Designed to provide all the essential architectural features appropriate to traditionally designed buildings, the Apex Heritage range is also fully in-tune with modern fast track building contracts.

Applications

- Ideally suited to traditional craft based contracts
- Closely replicates historic styles
- For both flush and projecting eaves applications

Features & Performance

- 4 gutter profiles and 3 downpipe profiles available in a choice of sizes
- Downpipes available in 0.9m (3ft) and 1.83m (6ft) lengths
- Extremely strong, durable and vandal resistant
- Dimensionally accurate and stable
- Life expectancy in excess of 40 years
- Cast iron is 100% recyclable

Colours & Finishes

- A high quality two-pack epoxy primer and top coat painted finish
- Available in a range of 8 standard RAL colour options with other RAL colours available to special order
- 'Factory Certified' paint finish
- Also available in a factory primed one coat of protective oxide primer

Manufacture

- Authentic sand castings combining traditional manufacture with modern quality control standards
- A comprehensive standard range complemented with master patterns for a wide range of gutter profiles, downpipes and accessories, which can be manufactured to order
- Complies with BS 460:2002+A2:2007 Cast Iron Rainwater Goods

Installation & Fixing

- Gutters are wet sealed with bolted joints, with a range of fixing options
- For Half Round gutters the Hydrostrip EDPM rubber seal is recommended for faster and cleaner solution to gutter jointing
- Gutters should be supported at 900mm centres either on brackets or for ogee, moulded and box types, by direct screw fixing through the back of the gutter
- Downpipes should be fixed back to the wall at 1.83 (6ft) centres through eared sockets or via separate earbelt and holderbats
- Minimal maintenance requirements

Heritage Rainwater Systems - Standard Range Product Summary

Apex Heritage Half Round Gutter



See page 102



100mm (4") HG40
113mm (4.5") HG45
125mm (5") HG50
150mm (6") HG60

Apex Heritage Beaded Half Round Gutter



See page 105



113mm (4.5) BG45
125mm (5") BG50

Apex Heritage Victorian Ogee Gutter



See page 107



113mm (4.5") OG45
125mm (5") OG50

Apex Heritage Moulded Gutter



See page 109



100 x 75mm (4 x 3") MG43
125 x 100mm (5 x 4") MG54
150 x 100mm (6 x 4") MG64

Apex Heritage Circular Pipe



See page 112



63mm (2.5") P25
75mm (3") P30
100mm (4") P40
150mm (6") P60
(Available on request)
Length 1.83m (6')
Length 0.9mm (3')

Apex Heritage Square Pipe



See page 116



75 x 75mm (3 x 3") P33
100 x 100mm (4 x 4") P44
Length 1.83m (6')
Length 0.9mm (3')

Apex Heritage Rectangular Pipe



See page 116



100 x 75mm (4 x 3") P43
125 x 100mm (5 x 4") P54
150 x 100mm (6 x 4") P64
Length 1.83m (6')
Length 0.9mm (3')



See colour options page 15

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

HALF ROUND		HALF ROUND SOCKETED SYSTEM GUTTERS, UNION CLIPS, STOP-ENDS AND DROP ENDS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
GUTTERS - Sundry items will be required see page 133						
	1.83m	100mm (4")	HG40/6FT	58.63	HG40/6FT/PA	67.03
		113mm (4.5")	HG45/6FT	61.29	HG45/6FT/PA	70.07
		125mm (5")	HG50/6FT	71.54	HG50/6FT/PA	81.79
		150mm (6")	HG60/6FT	109.58	HG60/6FT/PA	125.27
UNION CLIPS						
		100mm (4")	HG40/UC	15.83	HG40/UC/PA	18.06
		113mm (4.5")	HG45/UC	19.94	HG45/UC/PA	22.83
		125mm (5")	HG50/UC	22.60	HG50/UC/PA	25.83
		150mm (6")	HG60/UC	27.80	HG60/UC/PA	31.79
STOP-ENDS						
	External Left/Right Hand	100mm (4")	HG40/SE/E	8.09	HG40/SE/E/PA	9.25
		113mm (4.5")	HG45/SE/E	10.66	HG45/SE/E/PA	12.20
		125mm (5")	HG50/SE/E	10.66	HG50/SE/E/PA	12.20
		150mm (6")	HG60/SE/E	24.87	HG60/SE/E/PA	28.44
	Internal Left/Right Hand	100mm (4")	HG40/SE/I	8.09	HG40/SE/I/PA	9.25
		113mm (4.5")	HG45/SE/I	10.66	HG45/SE/I/PA	12.20
		125mm (5")	HG50/SE/I	10.66	HG50/SE/I/PA	12.20
		150mm (6")	HG60/SE/I	24.87	HG60/SE/I/PA	28.44
DROP END OUTLET						
	External 63mm Ø	100mm (4")	HG40/DE/25/E	24.19	HG40/DE/25/E/PA	27.64
		113mm (4.5")	HG45/DE/25/E	26.00	HG45/DE/25/E/PA	29.74
		125mm (5")	HG50/DE/25/E	29.55	HG50/DE/25/E/PA	33.77
	External 76mm Ø	100mm (4")	HG40/DE/30/E	24.19	HG40/DE/30/E/PA	27.64
		113mm (4.5")	HG45/DE/30/E	26.00	HG45/DE/30/E/PA	29.74
		125mm (5")	HG50/DE/30/E	29.55	HG50/DE/30/E/PA	33.77
	Internal 63mm Ø	100mm (4")	HG40/DE/25/I	24.19	HG40/DE/25/I/PA	27.64
		113mm (4.5")	HG45/DE/25/I	26.00	HG45/DE/25/I/PA	29.74
		125mm (5")	HG50/DE/25/I	29.55	HG50/DE/25/I/PA	33.77
	Internal 76mm Ø	100mm (4")	HG40/DE/30/I	24.19	HG40/DE/30/I/PA	27.64
		113mm (4.5")	HG45/DE/30/I	26.00	HG45/DE/30/I/PA	29.74
		125mm (5")	HG50/DE/30/I	29.55	HG50/DE/30/I/PA	33.77

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

HALF ROUND		HALF ROUND SOCKETED SYSTEM OUTLETS AND ANGLES				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
RUNNING OUTLETS - with Double Spigot Socket						
	Pipe 63mm Ø	100mm (4")	HG40/RO/25	24.19	HG40/RO/25/PA	27.64
		113mm (4.5")	HG45/RO/25	26.00	HG45/RO/25/PA	29.74
		125mm (5")	HG50/RO/25	29.55	HG50/RO/25/PA	33.77
	76.5mm Ø	100mm (4")	HG40/RO/30	24.19	HG40/RO/30/PA	27.64
		113mm (4.5")	HG45/RO/30	26.00	HG45/RO/30/PA	29.74
		125mm (5")	HG50/RO/30	29.55	HG50/RO/30/PA	33.77
	102mm Ø	150mm (6")	HG60/RO/30	44.58	HG60/RO/30/PA	50.96
		125mm (5")	HG50/RO/40	29.55	HG50/RO/40/PA	33.77
		150mm (6")	HG60/RO/40	44.58	HG60/RO/40/PA	50.96
90° ANGLES - Combined						
		100mm (4")	HG40/A/90	24.38	HG40/A/90/PA	27.89
		113mm (4.5")	HG45/A/90	25.09	HG45/A/90/PA	28.68
		125mm (5")	HG50/A/90	29.55	HG50/A/90/PA	33.77
		150mm (6")	HG60/A/90	44.58	HG60/A/90/PA	50.96
135° ANGLES - Combined						
		100mm (4")	HG40/A/135	24.38	HG40/A/135/PA	27.89
		113mm (4.5")	HG45/A/135	25.09	HG45/A/135/PA	28.68
		125mm (5")	HG50/A/135	29.55	HG50/A/135/PA	33.77
		150mm (6")	HG60/A/135	44.58	HG60/A/135/PA	50.96

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

HALF ROUND		BRACKETS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
FASCIA BRACKETS - Manufactured in Cast Iron						
	100mm (4")	HG40/FB/CI	8.63	HG40/FB/CI/PA	9.91	
	113mm (4.5")	HG45/FB/CI	8.68	HG45/FB/CI/PA	10.32	
	125mm (5")	HG50/FB/CI	10.21	HG50/FB/CI/PA	11.69	
	150mm (6")	HG60/FB/CI	11.78	HG60/FB/CI/PA	13.50	
RAFTER BRACKETS TOP FIX - Manufactured in Galvanised Steel						
	100mm (4")	HG40/RB/TF	5.43			
	113mm (4.5")	HG45/RB/TF	5.76			
	125mm (5")	HG50/RB/TF	6.16			
	150mm (6")	HG60/RB/TF	7.12			
RAFTER BRACKETS SIDE FIX - Manufactured in Galvanised Steel						
	100mm (4")	HG40/RB/SF	5.76			
	113mm (4.5")	HG45/RB/SF	6.16			
	125mm (5")	HG50/RB/SF	6.57			
	150mm (6")	HG60/RB/SF	7.42			
DRIVE IN RISE & FALL BRACKETS - Manufactured in Galvanised Steel						
	100mm (4")	HG40/R&F/GS	12.72			
	113mm (4.5")	HG45/R&F/GS	12.72			
	125mm (5")	HG50/R&F/GS	13.01			
	150mm (6")	HG60/R&F/GS	13.42			
DRIVE IN RISE & FALL BRACKETS WITH 13" STAY - Manufactured in Galvanised Steel						
	100mm (4")	HG40/R&F/WS	19.24			
	113mm (4.5")	HG45/R&F/WS	19.30			
	125mm (5")	HG50/R&F/WS	19.51			
	150mm (6")	HG60/R&F/WS	19.76			

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

BEADED HALF ROUND		BEADED HALF ROUND SOCKETED SYSTEM GUTTERS, UNION CLIPS, STOP-ENDS, OUTLETS AND ANGLES				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
GUTTERS - Sundry items will be required see page 133						
	1.83m 113mm (4.5")	BG45/6FT	60.74	BG45/6FT/PA	69.44	
	125mm (5")	BG50/6FT	69.49	BG50/6FT/PA	79.45	
UNION CLIPS						
	113mm (4.5")	BG45/UC	19.42	BG45/UC/PA	22.20	
	125mm (5")	BG50/UC	22.20	BG50/UC/PA	25.33	
STOP-ENDS						
External Left/Right Hand 	113mm (4.5")	BG45/SE/E	10.66	BG45/SE/E/PA	12.20	
	125mm (5")	BG50/SE/E	10.66	BG50/SE/E/PA	12.20	
Internal Left/Right Hand 	113mm (4.5")	BG45/SE/I	10.66	BG45/SE/I/PA	12.20	
	125mm (5")	BG50/SE/I	10.66	BG50/SE/I/PA	12.20	
RUNNING OUTLETS - with Double Spigot/Socket						
	Pipe 63mm Ø 113mm (4.5")	BG45/RO/25	26.00	BG45/RO/25/PA	29.74	
	125mm (5")	BG50/RO/25	30.69	BG50/RO/25/PA	35.10	
	76.5mm Ø 113mm (4.5")	BG45/RO/30	26.00	BG45/RO/30/PA	29.74	
	125mm (5")	BG50/RO/30	30.69	BG50/RO/30/PA	35.10	
	102mm Ø 125mm (5")	BG50/RO/40	30.69	BG50/RO/40/PA	35.10	
90° ANGLES - Combined						
	113mm (4.5")	BG45/A/90	25.09	BG45/A/90/PA	28.68	
	125mm (5")	BG50/A/90	30.69	BG50/A/90/PA	35.10	

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

BEADED HALF ROUND

BEADED HALF ROUND SOCKETED SYSTEM
ANGLES AND BRACKETS

Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
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135° ANGLES - Combined

	113mm (4.5")	BG45/A/135	25.09	BG45/A/135/PA	28.68
	125mm (5")	BG50/A/135	30.69	BG50/A/135/PA	35.10

FASCIA BRACKETS - Manufactured in Cast Iron

	113mm (4.5")	BG45/FB/CI	9.04	BG45/FB/CI/PA	10.32
	125mm (5")	BG50/FB/CI	10.21	BG50/FB/CI/PA	11.69

RAFTER BRACKETS TOP FIX - Manufactured in Galvanised Steel

	113mm (4.5")	BG45/RB/TF	5.76		
	125mm (5")	BG50/RB/TF	6.16		

RAFTER BRACKETS SIDE FIX - Manufactured in Galvanised Steel

	113mm (4.5")	BG45/RB/SF	6.16		
	125mm (5")	BG50/RB/SF	6.57		

DRIVE IN RISE & FALL BRACKETS - Manufactured in Galvanised Steel

	113mm (4.5")	BG45/R&F/GS	12.72		
	125mm (5")	BG50/R&F/GS	13.01		

DRIVE IN RISE & FALL BRACKETS WITH 13" STAY - Manufactured in Galvanised Steel

	113mm (4.5")	BG45/R&F/WS	22.05		
	125mm (5")	BG50/R&F/WS	22.46		

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

VICTORIAN OGEE

VICTORIAN OGEE SOCKETED SYSTEM
GUTTERS, UNION CLIPS, STOP-ENDS, OUTLETS AND ANGLES

Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
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GUTTERS - Sundry items will be required see page 133

	113mm (4.5")	OG45/6FT	72.23	OG45/6FT/PA	82.60
	125mm (5")	OG50/6FT	76.02	OG50/6FT/PA	86.89

UNION CLIPS

	113mm (4.5")	OG45/UC	16.00	OG45/UC/PA	18.28
	125mm (5")	OG50/UC	20.09	OG50/UC/PA	22.97

STOP-ENDS

	External Right Hand	113mm (4.5")	OG45/SE/RE	9.97	OG45/SE/RE/PA	11.40
		125mm (5")	OG50/SE/RE	10.21	OG50/SE/RE/PA	11.69
	External Left Hand	113mm (4.5")	OG45/SE/LE	9.97	OG45/SE/LE/PA	11.40
		125mm (5")	OG50/SE/LE	10.21	OG50/SE/LE/PA	11.69
	Internal Left Hand	113mm (4.5")	OG45/SE/LI	9.97	OG45/SE/LI/PA	11.40
		125mm (5")	OG50/SE/LI	10.21	OG50/SE/LI/PA	11.69

RUNNING OUTLETS - with Single Spigot/Socket

	63mm Ø	113mm (4.5")	OG45/RO/25	28.07	OG45/RO/25/PA	32.09
		125mm (5")	OG50/RO/25	30.24	OG50/RO/25/PA	34.58
	76.5mm Ø	113mm (4.5")	OG45/RO/30	28.07	OG45/RO/30/PA	32.09
		125mm (5")	OG50/RO/30	30.24	OG50/RO/30/PA	34.58
	102mm Ø	125mm (5")	OG50/RO/40	30.24	OG50/RO/40/PA	34.58

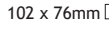
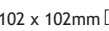
90° ANGLES

	External	113mm (4.5")	OG45/EA/90	28.07	OG45/EA/90/PA	32.09
		125mm (5")	OG50/EA/90	30.24	OG50/EA/90/PA	34.58
	Internal	113mm (4.5")	OG45/IA/90	28.07	OG45/IA/90/PA	32.09
		125mm (5")	OG50/IA/90	30.24	OG50/IA/90/PA	34.58

APEX HERITAGE CAST IRON RAINWATER SYSTEMS						
VICTORIAN OGEE		VICTORIAN OGEE SOCKETED SYSTEM ANGLES AND BRACKETS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
135° ANGLES						
	External	113mm (4.5")	OG45/EA/135	28.07	OG45/EA/135/PA	32.09
		125mm (5")	OG50/EA/135	30.24	OG50/EA/135/PA	34.58
	Internal	113mm (4.5")	OG45/IA/135	28.07	OG45/IA/135/PA	32.09
		125mm (5")	OG50/IA/135	30.24	OG50/IA/135/PA	34.58
FASCIA BRACKETS - Manufactured in Cast Iron						
		113mm (4.5")	OG45/FB/CI	9.04	OG45/FB/CI/PA	10.32
		125mm (5")	OG50/FB/CI	10.21	OG50/FB/CI/PA	11.69
RAFTER BRACKETS TOP FIX - Manufactured in Galvanised Steel						
		113mm (4.5")	OG45/RB/TF	20.46		
		125mm (5")	OG50/RB/TF	20.46		
RAFTER BRACKETS SIDE FIX - Manufactured in Galvanised Steel +						
+ Non stocked item contact customer services for lead time 		113mm (4.5")	OG45/RB/SF	20.46		
		125mm (5")	OG50/RB/SF	20.46		
DRIVE IN RISE & FALL BRACKETS - Manufactured in Galvanised Steel						
		113mm (4.5")	OG45/R&F/GS	36.78		
		125mm (5")	OG50/R&F/GS	36.78		
DRIVE IN RISE & FALL BRACKETS WITH 13" STAY - Manufactured in Galvanised Steel						
		113mm (4.5")	OG45/R&F/WS	44.60		
		125mm (5")	OG50/R&F/WS	44.60		

APEX HERITAGE CAST IRON RAINWATER SYSTEMS						
MOULDED		MOULDED SPIGOTTED SYSTEM GUTTERS, UNION CLIPS, STOP-ENDS AND OUTLETS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
GUTTERS - Sundry items will be required see page 133						
	1.83m	100 x 75mm (4 x 3")	MG43/6FT	112.75	MG43/6FT/PA	128.91
		125 x 100mm (5 x 4")	MG54/6FT	162.40	MG54/6FT/PA	185.66
		150 x 100mm (6 x 4")	MG64/6FT	243.58	MG64/6FT/PA	278.41
UNION CLIPS						
		100 x 75mm (4 x 3")	MG43/UC	26.15	MG43/UC/PA	29.91
		125 x 100mm (5 x 4")	MG54/UC	30.69	MG54/UC/PA	35.10
		150 x 100mm (6 x 4")	MG64/UC	40.42	MG64/UC/PA	46.21
STOP-ENDS						
	External Right Hand	100 x 75mm (4 x 3")	MG43/SE/RE	24.07	MG43/SE/RE/PA	27.48
		125 x 100mm (5 x 4")	MG54/SE/RE	30.69	MG54/SE/RE/PA	35.10
		150 x 100mm (6 x 4")	MG64/SE/RE	40.42	MG64/SE/RE/PA	46.21
	Internal Left Hand	100 x 75mm (4 x 3")	MG43/SE/LI	24.07	MG43/SE/LI/PA	27.48
		125 x 100mm (5 x 4")	MG54/SE/LI	30.69	MG54/SE/LI/PA	35.10
		150 x 100mm (6 x 4")	MG64/SE/LI	40.42	MG64/SE/LI/PA	46.21
	Internal Right Hand	100 x 75mm (4 x 3")	MG43/SE/RI	24.07	MG43/SE/RI/PA	27.48
		125 x 100mm (5 x 4")	MG54/SE/RI	30.69	MG54/SE/RI/PA	35.10
		150 x 100mm (6 x 4")	MG64/SE/RI	40.42	MG64/SE/RI/PA	46.21
RUNNING OUTLETS - with Single Spigot/Socket						
	63mm Ø	100 x 75mm (4 x 3")	MG43/RO/25	62.12	MG43/RO/25/PA	71.04
		125 x 100mm (5 x 4")	MG54/RO/25	89.84	MG54/RO/25/PA	102.71
		150 x 100mm (6 x 4")	MG64/RO/25	121.17	MG64/RO/25/PA	138.54
	76.5mm Ø	100 x 75mm (4 x 3")	MG43/RO/30	62.50	MG43/RO/30/PA	71.42
		125 x 100mm (5 x 4")	MG54/RO/30	89.84	MG54/RO/30/PA	102.71
		150 x 100mm (6 x 4")	MG64/RO/30	121.17	MG64/RO/30/PA	138.54
	102mm Ø	125 x 100mm (5 x 4")	MG54/RO/40	89.84	MG54/RO/40/PA	102.71
		150 x 100mm (6 x 4")	MG64/RO/40	121.17	MG64/RO/40/PA	138.54

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MOULDED		MOULDED SPIGOTTED SYSTEM OUTLETS AND ANGLES				
Description		Size	Code Primed	Price Primed £	Code Painted	Price Painted £
RUNNING OUTLETS - with Single Spigot/Socket						
	72 x 72mm □	100 x 75mm (4 x 3")	MG43/RO/33	62.12	MG43/RO/33/PA	71.04
		125 x 100mm (5 x 4")	MG54/RO/33	89.84	MG54/RO/33/PA	102.71
		150 x 100mm (6 x 4")	MG64/RO/33	121.17	MG64/RO/33/PA	138.54
	102 x 76mm □	100 x 75mm (4 x 3")	MG43/RO/43	67.41	MG43/RO/43/PA	77.08
		125 x 100mm (5 x 4")	MG54/RO/43	89.84	MG54/RO/43/PA	102.71
		150 x 100mm (6 x 4")	MG64/RO/43	121.17	MG64/RO/43/PA	138.54
	102 x 102mm □	125 x 100mm (5 x 4")	MG54/RO/44	89.84	MG54/RO/44/PA	102.71
		150 x 100mm (6 x 4")	MG64/RO/44	121.17	MG64/RO/44/PA	138.54
			150 x 100mm (6 x 4")	MG64/RO/54	121.17	MG64/RO/54/PA
90° ANGLES						
	External	100 x 75mm (4 x 3")	MG43/EA/90	62.12	MG43/EA/90/PA	71.04
		125 x 100mm (5 x 4")	MG54/EA/90	89.84	MG54/EA/90/PA	102.71
		150 x 100mm (6 x 4")	MG64/EA/90	121.17	MG64/EA/90/PA	138.54
	Internal	100 x 75mm (4 x 3")	MG43/IA/90	62.12	MG43/IA/90/PA	71.04
		125 x 100mm (5 x 4")	MG54/IA/90	89.84	MG54/IA/90/PA	102.71
		150 x 100mm (6 x 4")	MG64/IA/90	121.17	MG64/IA/90/PA	138.54
135° ANGLES						
	External	100 x 75mm (4 x 3")	MG43/EA/135	62.12	MG43/EA/135/PA	71.04
		125 x 100mm (5 x 4")	MG54/EA/135	89.84	MG54/EA/135/PA	102.71
		150 x 100mm (6 x 4")	MG64/EA/135	121.17	MG64/EA/135/PA	138.54
	Internal	100 x 75mm (4 x 3")	MG43/IA/135	62.12	MG43/IA/135/PA	71.04
		125 x 100mm (5 x 4")	MG54/IA/135	89.84	MG54/IA/135/PA	102.71
		150 x 100mm (6 x 4")	MG64/IA/135	121.17	MG64/IA/135/PA	138.54

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MOULDED		MOULDED SPIGOTTED SYSTEM BRACKETS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
FASCIA BRACKETS - Manufactured in Cast Iron						
	100 x 75mm (4 x 3")	MG43/FB/CI	11.30	MG43/FB/CI/PA	12.91	
	125 x 100mm (5 x 4")	MG54/FB/CI	12.44	MG54/FB/CI/PA	14.20	
	150 x 100mm (6 x 4")	MG64/FB/CI	13.55	MG64/FB/CI/PA	15.45	
RAFTER BRACKETS TOP FIX - Manufactured in Galvanised Steel						
	100 x 75mm (4 x 3")	MG43/RB/TF	35.43			
	125 x 75mm (5 x 4")	MG54/RB/TF	35.43			
	150 x 100mm (6 x 4")	MG64/RB/TF	42.21			
RAFTER BRACKETS SIDE FIX - Manufactured in Galvanised Steel						
	100 x 75mm (4 x 3")	MG43/RB/SF	35.43			
	125 x 100mm (5 x 4")	MG54/RB/SF	35.43			
	150 x 100mm (6 x 4")	MG64/RB/SF	42.21			
DRIVE IN RISE & FALL BRACKETS - Manufactured in Galvanised Steel						
	100 x 75mm (4 x 3")	MG43/R&F/GS	47.81			
	125 x 100mm (5 x 4")	MG54/R&F/GS	47.81			
	150 x 100mm (6 x 4")	MG64/R&F/GS	52.40			
DRIVE IN RISE & FALL BRACKETS WITH 13" STAY - Manufactured in Galvanised Steel						
	100 x 75mm (4 x 3")	MG43/R&F/WS	56.38			
	125 x 100mm (5 x 4")	MG54/R&F/WS	56.38			
	150 x 100mm (6 x 4")	MG64/R&F/WS	60.25			

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

CIRCULAR PIPES		CIRCULAR PIPES PIPES, BENDS AND SOCKETS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
CIRCULAR PIPES WITH EARS						
	63mm Ø	1.83m	P25/6FT	115.06	P25/6FT/PA	131.52
		0.9m	P25/3FT	92.72	P25/3FT/PA	106.00
	75mm Ø	1.83m	P30/6FT	115.06	P30/6FT/PA	131.52
		0.9m	P30/3FT	92.72	P30/3FT/PA	106.00
	100mm Ø	1.83m	P40/6FT	153.69	P40/6FT/PA	175.67
		0.9m	P40/3FT	112.59	P40/3FT/PA	128.69
Note: Heritage Circular pipes are normally supplied eared. Where ears are not required the product code is suffixed /NE						
CIRCULAR PIPES WITHOUT EARS						
	63mm Ø	1.83m	P25/6FT/NE	107.22	P25/6FT/NE/PA	122.58
		0.9m	P25/3FT/NE	92.72	P25/3FT/NE/PA	106.00
	75mm Ø	1.83m	P30/6FT/NE	107.22	P30/6FT/NE/PA	122.58
		0.9m	P30/3FT/NE	92.72	P30/3FT/NE/PA	106.00
	100mm Ø	1.83m	P40/6FT/NE	146.43	P40/6FT/NE/PA	167.39
		0.9m	P40/3FT/NE	112.59	P40/3FT/NE/PA	128.69
DIMINISHING PIECES						
	Pipe Without Ears 100mm Ø	102 x 63mm Ø	P40/DIM/25	221.09	P40/DIM/25/PA	252.74
		102 x 76mm Ø	P40/DIM/30	221.09	P40/DIM/30/PA	252.74
Note: If Cast iron fittings are required with ears, contact Technical Helpline: 01536 383 810						
LOOSE PIPE EARED SOCKET						
	63mm Ø	P25/LS	34.43	P25/LS/PA	39.37	
	75mm Ø	P30/LS	34.43	P30/LS/PA	39.37	
	100mm Ø	P40/LS	37.98	P40/LS/PA	43.42	
DRIVE IN PIPE SUPPORT BRACKETS						
	63mm Ø	P25/HF	7.35	P25/HF/BLK	7.74	
	75mm Ø	P30/HF	7.35	P30/HF/BLK	7.74	
	100mm Ø	P40/HF	8.31	P40/HF/BLK	8.67	

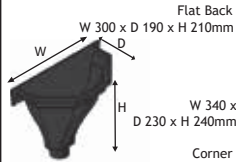
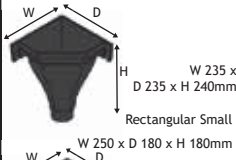
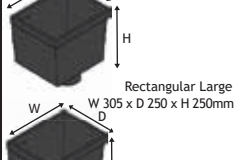
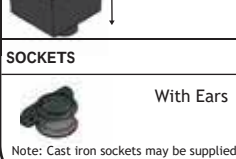
APEX HERITAGE CAST IRON RAINWATER SYSTEMS

CIRCULAR PIPES		CIRCULAR PIPES BENDS, BRANCHES AND ACCESS PIPES				
Description		Size	Code Primed	Price Primed £	Code Painted	Price Painted £
BENDS						
	92.5°	63mm Ø	P25/B/92	34.07	P25/B/92/PA	38.98
		75mm Ø	P30/B/92	41.36	P30/B/92/PA	47.30
		100mm Ø	P40/B/92	58.09	P40/B/92/PA	66.42
	112.5°	63mm Ø	P25/B/112	34.07	P25/B/112/PA	38.98
		75mm Ø	P30/B/112	41.36	P30/B/112/PA	47.30
		100mm Ø	P40/B/112	58.09	P40/B/112/PA	66.42
	135°	63mm Ø	P25/B/135	34.07	P25/B/135/PA	38.98
		75mm Ø	P30/B/135	41.36	P30/B/135/PA	47.30
		100mm Ø	P40/B/135	58.09	P40/B/135/PA	66.42
BRANCHES						
	92.5°	63mm Ø	P25/BR/92	65.41	P25/BR/92/PA	74.79
		75mm Ø	P30/BR/92	72.18	P30/BR/92/PA	82.49
		100mm Ø	P40/BR/92	85.83	P40/BR/92/PA	98.10
	112.5°	63mm Ø	P25/BR/112	65.41	P25/BR/112/PA	74.79
		75mm Ø	P30/BR/112	72.18	P30/BR/112/PA	82.49
		100mm Ø	P40/BR/112	85.83	P40/BR/112/PA	98.10
	135°	63mm Ø	P25/BR/135	65.41	P25/BR/135/PA	74.79
		75mm Ø	P30/BR/135	72.18	P30/BR/135/PA	82.49
		100mm Ø	P40/BR/135	85.83	P40/BR/135/PA	98.10
ACCESS PIPES						
	Pipe Without Ears	63mm Ø	P25/AP/NE	98.32	P25/AP/NE/PA	112.38
		75mm Ø	P30/AP/NE	98.32	P30/AP/NE/PA	112.38
		100mm Ø	P40/AP/NE	172.00	P40/AP/NE/PA	196.61
	Pipe With Ears	63mm Ø	P25/AP	121.04	P25/AP/PA	138.34
		75mm Ø	P30/AP	121.04	P30/AP/PA	138.34
		100mm Ø	P40/AP	194.35	P40/AP/PA	222.15

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

CIRCULAR PIPES		CIRCULAR PIPES OFFSETS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
112.5° OFFSETS						
	Pipe Without Ears 63mm Ø	76mm Offset	P25/OF/03	52.33	P25/OF/03/PA	59.78
		114mm Offset	P25/OF/04	52.33	P25/OF/04/PA	59.78
		152mm Offset	P25/OF/06	52.33	P25/OF/06/PA	59.78
		228mm Offset	P25/OF/09	60.28	P25/OF/09/PA	68.94
		304mm Offset	P25/OF/12	60.28	P25/OF/12/PA	68.94
		381mm Offset	P25/OF/15	141.36	P25/OF/15/PA	161.58
		457mm Offset	P25/OF/18	165.08	P25/OF/18/PA	188.71
		533mm Offset	P25/OF/21	198.52	P25/OF/21/PA	226.94
		609mm Offset	P25/OF/24	232.07	P25/OF/24/PA	265.32
		685mm Offset	P25/OF/27	276.83	P25/OF/27/PA	316.45
	Pipe Without Ears 75mm Ø	76mm Offset	P30/OF/03	52.33	P30/OF/03/PA	59.78
		114mm Offset	P30/OF/04	52.33	P30/OF/04/PA	59.78
		152mm Offset	P30/OF/06	52.33	P30/OF/06/PA	59.78
		228mm Offset	P30/OF/09	60.28	P30/OF/09/PA	68.94
		304mm Offset	P30/OF/12	60.28	P30/OF/12/PA	68.94
		381mm Offset	P30/OF/15	141.36	P30/OF/15/PA	161.58
		457mm Offset	P30/OF/18	165.08	P30/OF/18/PA	188.71
		533mm Offset	P30/OF/21	198.52	P30/OF/21/PA	226.94
		609mm Offset	P30/OF/24	232.07	P30/OF/24/PA	265.32
		685mm Offset	P30/OF/27	276.83	P30/OF/27/PA	316.45
	Pipe Without Ears 100mm Ø	76mm Offset	P40/OF/03	98.32	P40/OF/03/PA	112.38
		114mm Offset	P40/OF/04	98.32	P40/OF/04/PA	112.38
		152mm Offset	P40/OF/06	98.32	P40/OF/06/PA	112.38
		228mm Offset	P40/OF/09	118.32	P40/OF/09/PA	135.23
		304mm Offset	P40/OF/12	118.32	P40/OF/12/PA	135.23
		381mm Offset	P40/OF/15	193.05	P40/OF/15/PA	220.71
		457mm Offset	P40/OF/18	234.11	P40/OF/18/PA	267.59
		533mm Offset	P40/OF/21	267.59	P40/OF/21/PA	305.88
		609mm Offset	P40/OF/24	301.13	P40/OF/24/PA	344.24
		685mm Offset	P40/OF/27	334.61	P40/OF/27/PA	382.53
		762mm Offset	P40/OF/30	334.61	P40/OF/30/PA	382.53

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

CIRCULAR PIPES		CIRCULAR PIPES SHOES, RAINWATER HEADS AND SOCKETS				
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
SHOES						
	Without Ears	63mm Ø	P25/SH	48.22	P25/SH/PA	55.14
		75mm Ø	P30/SH	48.22	P30/SH/PA	55.14
		100mm Ø	P40/SH	64.73	P40/SH/PA	74.02
	With Ears	63mm Ø	P25/SH/E	55.64	P25/SH/E/PA	63.58
		75mm Ø	P30/SH/E	55.64	P30/SH/E/PA	63.58
		100mm Ø	P40/SH/E	72.18	P40/SH/E/PA	82.49
	Anti-Splash Shoes Without Ears	63mm Ø	P25/SH/A	97.17	P25/SH/A/PA	111.12
		75mm Ø	P30/SH/A	97.37	P30/SH/A/PA	111.31
		100mm Ø	P40/SH/A	124.01	P40/SH/A/PA	141.76
	Anti-Splash Shoes With Ears	63mm Ø	P25/SH/AE	105.04	P25/SH/AE/PA	120.04
		75mm Ø	P30/SH/AE	105.04	P30/SH/AE/PA	120.04
		100mm Ø	P40/SH/AE	133.46	P40/SH/AE/PA	152.52
RAINWATER HEADS - Additional designs in the made to order section on page 124						
	Flat Back W 300 x D 190 x H 210mm	63mm Ø	HH/001/25F	117.93	HH/001/25F/PA	134.82
		75mm Ø	HH/001/30F	117.93	HH/001/30F/PA	134.82
		100mm Ø	HH/001/40F	157.11	HH/001/40F/PA	179.63
	Corner W 210 x D 210 x H 210mm	63mm Ø	HH/001/25C	117.93	HH/001/25C/PA	134.82
		75mm Ø	HH/001/30C	117.93	HH/001/30C/PA	134.82
		100mm Ø	HH/001/40C	157.11	HH/001/40C/PA	179.63
	Rectangular Small W 250 x D 180 x H 180mm	63mm Ø	HH/002/25	110.70	HH/002/25/PA	126.53
		75mm Ø	HH/002/30	110.70	HH/002/30/PA	126.53
		100mm Ø	HH/002/40	110.70	HH/002/40/PA	126.53
	Rectangular Large W 305 x D 250 x H 250mm	63mm Ø	HH/003/25	198.49	HH/003/25/PA	226.90
		75mm Ø	HH/003/30	198.49	HH/003/30/PA	226.90
		100mm Ø	HH/003/40	198.49	HH/003/40/PA	226.90
SOCKETS						
	With Ears	63mm Ø	P25/SOC	34.43	P25/SOC/PA	39.37
		75mm Ø	P30/SOC	34.43	P30/SOC/PA	39.37
		100mm Ø	P40/SOC	37.98	P40/SOC/PA	43.42
Note: Cast iron sockets may be supplied without ears by adding code suffix /NE						

Note: Cast iron sockets may be supplied without ears by adding code suffix /NE

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SQUARE PIPES		SQUARE/RECTANGULAR PIPES AND SHOES				
Description		Size	Code Primed	Price Primed £	Code Painted	Price Painted £
PIPES						
	75 x 75mm (3" x 3") 	1.83m	P33/6FT	335.55	P33/6FT/PA	351.63
		0.9	P33/3FT	248.24	P33/3FT/PA	260.12
	100 x 75mm (4" x 3") 	1.83m	P43/6FT	334.48	P43/6FT/PA	350.51
		0.9	P43/3FT	243.08	P43/3FT/PA	254.73
	100 x 100mm (4" x 4") 	1.83m	P44/6FT	385.26	P44/6FT/PA	403.75
		0.9	P44/3FT	272.97	P44/3FT/PA	286.09
	125 x 100mm (5" x 4") 	1.83m	P54/6FT	434.14	P54/6FT/PA	454.96
		0.9	P54/3FT	297.51	P54/3FT/PA	311.78
	150 x 100mm (6" x 4") 	1.83m	P64/6FT	506.33	P64/6FT/PA	530.58
		0.9	P64/3FT	333.63	P64/3FT/PA	349.62
	75 x 75mm (3" x 3") 	1.83m	P33/6FT/NE	330.39	P33/6FT/NE/PA	346.24
		0.9	P33/3FT/NE	245.73	P33/3FT/NE/PA	257.51
	100 x 75mm (4" x 3") 	1.83m	P43/6FT/NE	328.50	P43/6FT/NE/PA	344.24
		0.9	P43/3FT/NE	240.11	P43/3FT/NE/PA	251.64
	100 x 100mm (4" x 4") 	1.83m	P44/6FT/NE	377.75	P44/6FT/NE/PA	395.84
		0.9	P44/3FT/NE	269.29	P44/3FT/NE/PA	282.20
	125 x 100mm (5" x 4") 	1.83m	P54/6FT/NE	429.39	P54/6FT/NE/PA	449.99
		0.9	P54/3FT/NE	295.14	P54/3FT/NE/PA	309.31
	150 x 100mm (6" x 4") 	1.83m	P64/6FT/NE	499.84	P64/6FT/NE/PA	523.81
		0.9	P64/3FT/NE	330.35	P64/3FT/NE/PA	346.17
SHOES						
	75 x 75mm 	P33/SH/E	170.66	P33/SH/E/PA	178.84	
	100 x 75mm 	P43/SH/E	162.77	P43/SH/E/PA	170.56	
	100 x 100mm 	P44/SH/E	194.19	P44/SH/E/PA	203.53	
	125 x 100mm 	P54/SH/E	220.10	P54/SH/E/PA	230.66	
	150 x 100mm 	P64/SH/E	258.27	P64/SH/E/PA	270.66	
	75 x 75mm 	P33/SH	168.32	P33/SH/PA	176.38	
	100 x 75mm 	P43/SH	160.53	P43/SH/PA	168.23	
	100 x 100mm 	P44/SH	191.70	P44/SH/PA	200.89	
	100 x 100mm 	P54/SH	216.90	P54/SH/PA	227.32	
	150 x 100mm 	P64/SH	254.88	P64/SH/PA	267.10	

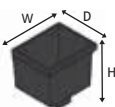
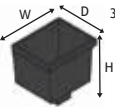
APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SQUARE PIPES		SQUARE/RECTANGULAR PIPES SHOES AND ACCESS PIPES			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
SHOES					
	75 x 75mm □	P33/SH/LE or RE*	204.07	P33/SH/LE or RE*/PA	213.86
	100 x 75mm □	P43/SH/LE or RE*	203.12	P43/SH/LE or RE*/PA	212.82
	100 x 100mm □	P44/SH/LE or RE*	250.45	P44/SH/LE or RE*/PA	262.46
	125 x 100mm □	P54/SH/LE or RE*	278.86	P54/SH/LE or RE*/PA	292.21
	150 x 100mm □	P64/SH/LE or RE*	315.14	P64/SH/LE or RE*/PA	330.22
	75 x 75mm □	P33/SH/L or R*	200.07	P33/SH/L or R*/PA	209.66
	100 x 75mm □	P43/SH/L or R*	201.15	P43/SH/L or R*/PA	210.79
	100 x 100mm □	P44/SH/L or R*	224.47	P44/SH/L or R*/PA	235.23
	125 x 100mm □	P54/SH/L or R*	253.77	P54/SH/L or R*/PA	265.93
	150 x 100mm □	P64/SH/L or R*	292.59	P64/SH/L or R*/PA	306.60
	75 x 75mm □	P33/SH/AE	214.60	P33/SH/AE/PA	224.87
	100 x 75mm □	P43/SH/AE	187.60	P43/SH/AE/PA	196.55
	100 x 100mm □	P44/SH/AE	295.82	P44/SH/AE/PA	309.99
	125 x 100mm □	P54/SH/AE	332.21	P54/SH/AE/PA	348.13
	150 x 100mm □	P64/SH/AE	369.91	P64/SH/AE/PA	387.64
	75 x 75mm □	P33/SH/A	212.29	P33/SH/A/PA	222.45
	100 x 75mm □	P43/SH/A	185.20	P43/SH/A/PA	194.06
	100 x 100mm □	P44/SH/A	293.32	P44/SH/A/PA	307.35
	125 x 100mm □	P54/SH/A	329.77	P54/SH/A/PA	345.59
	150 x 100mm □	P64/SH/A	367.58	P64/SH/A/PA	385.15
	75 x 75mm □	P33/SH/C	255.07	P33/SH/C/PA	267.30
	100 x 100mm □	P44/SH/C	311.60	P44/SH/C/PA	326.54
ACCESS PIPES					
	75 x 75mm □	P33/AP	258.11	P33/AP/PA	270.50
	100 x 75mm □	P43/AP	257.57	P43/AP/PA	269.92
	100 x 100mm □	P44/AP	284.58	P44/AP/PA	298.21
	125 x 100mm □	P54/AP	311.29	P54/AP/PA	326.18
	150 x 100mm □	P64/AP	348.65	P64/AP/PA	365.35

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SQUARE PIPES		SQUARE/RECTANGULAR PIPES BENDS					
Description		Size	Code Primed	Price Primed £	Code Painted	Price Painted £	
BENDS							
	92.5° Without Ears	75 x 75mm □	P33/B/92F or B*	137.16	P33/B/92F or B*/PA	143.72	
		100 x 75mm □	P43/B/92F or B*	130.76	P43/B/92F or B*/PA	137.00	
		100 x 100mm □	P44/B/92F or B*	193.22	P44/B/92F or B*/PA	202.46	
		125 x 100mm □	P54/B/92F or B*	218.74	P54/B/92F or B*/PA	229.23	
		150 x 100mm □	P64/B/92F or B*	257.84	P64/B/92F or B*/PA	270.20	
		112.5° Without Ears	75 x 75mm □	P33/B/112F or B*	137.16	P33/B/112F or B*/PA	143.72
			100 x 75mm □	P43/B/112F or B* ⁺	130.76	P43/B/112F or B*/PA ⁺	137.00
			100 x 100mm □	P44/B/112F or B*	193.22	P44/B/112F or B*/PA	202.46
			100 x 100mm □	P54/B/112F or B*	218.74	P54/B/112F or B*/PA	229.23
			150 x 100mm □	P64/B/112F or B*	257.84	P64/B/112F or B*/PA	270.20
	135° Without Ears	75 x 75mm □	P33/B/135F or B*	137.16	P33/B/135F or B*/PA	143.72	
		100 x 75mm □	P43/B/135F or B*	130.76	P43/B/135F or B*/PA	137.00	
		100 x 100mm □	P44/B/135F or B*	193.22	P44/B/135F or B*/PA	202.46	
		125 x 100mm □	P54/B/135F or B*	218.74	P54/B/135F or B*/PA	229.23	
		150 x 100mm □	P64/B/135F or B*	257.84	P64/B/135F or B*/PA	270.20	
		92.5° Without Ears	75 x 75mm □	P33/B/92L or R*	137.16	P33/B/92L or R*/PA	143.72
			100 x 75mm □	P43/B/92L or R*	155.11	P43/B/92L or R*/PA	162.54
			100 x 100mm □	P44/B/92L or R*	193.22	P44/B/92L or R*/PA	202.46
			125 x 100mm □	P54/B/92L or R*	237.04	P54/B/92L or R*/PA	248.40
			150 x 100mm □	P64/B/92L or R*	267.59	P64/B/92L or R*/PA	280.40
		112.5° Without Ears	75 x 75mm □	P33/B/112L or R*	137.16	P33/B/112L or R*/PA	143.72
			100 x 75mm □	P43/B/112L or R*	155.11	P43/B/112L or R*/PA	162.54
			100 x 100mm □	P44/B/112L or R*	193.22	P44/B/112L or R*/PA	202.46
			125 x 100mm □	P54/B/112L or R*	237.04	P54/B/112L or R*/PA	248.40
			150 x 100mm □	P64/B/112L or R*	267.59	P64/B/112L or R*/PA	280.40
	135° Without Ears	75 x 75mm □	P33/B/135L or R*	137.16	P33/B/135L or R*/PA	143.72	
		100 x 75mm □	P43/B/135L or R*	155.11	P43/B/135L or R*/PA	162.54	
		100 x 100mm □	P44/B/135L or R*	193.22	P44/B/135L or R*/PA	202.46	
		125 x 100mm □	P54/B/135L or R*	237.04	P54/B/135L or R*/PA	248.40	
		150 x 100mm □	P64/B/135L or R*	267.59	P64/B/135L or R*/PA	280.40	
*Note: The order code for cast iron FRONT and BACK BENDS should be suffixed with 'F' for FRONT or 'B' for BACK as appropriate.							
*Note: The order code for cast iron LEFT and RIGHT BENDS should be suffixed with 'L' for LEFT bends or 'R' for RIGHT bends as appropriate.							

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SQUARE PIPES		SQUARE/RECTANGULAR PIPES ADAPTORS, BRANCHES AND RAINWATER HEADS			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
SQUARE TO ROUND ADAPTOR					
	75 x 75mm □	P33/C	172.14	P33/C/PA	180.39
	100 x 75mm □	P43/C	163.39	P43/C/PA	171.21
	100 x 100mm □	P44/C	200.06	P44/C/PA	209.64
	125 x 100mm □	P54/C	219.88	P54/C/PA	230.42
	150 x 100mm □	P64/C	244.21	P64/C/PA	255.92
BRANCHES					
	92.5° Without Ears	75 x 75mm □	P33/BR/92L or R*	289.70	P33/BR/92L or R*/PA 303.61
		100 x 75mm □	P43/BR/92L or R*	275.68	P43/BR/92L or R*/PA 288.88
		100 x 100mm □	P44/BR/92L or R*	317.17	P44/BR/92L or R*/PA 332.37
		125 x 100mm □	P54/BR/92L or R*	369.68	P54/BR/92L or R*/PA 387.37
		150 x 100mm □	P64/BR/92L or R*	421.44	P64/BR/92L or R*/PA 441.64
	112.5°	75 x 75mm □	P33/BR/112L or R*	289.70	P33/BR/112L or R*/PA 303.61
		100 x 75mm □	P43/BR/112L or R*	275.68	P43/BR/112L or R*/PA 288.88
		100 x 100mm □	P44/BR/112L or R*	317.17	P44/BR/112L or R*/PA 332.37
		125 x 100mm □	P54/BR/112L or R*	369.68	P54/BR/112L or R*/PA 387.37
		150 x 100mm □	P64/BR/112L or R*	421.44	P64/BR/112L or R*/PA 441.64
	135°	75 x 75mm □	P33/BR/135L or R*	289.70	P33/BR/135L or R*/PA 303.61
		100 x 75mm □	P43/BR/135L or R*	275.68	P43/BR/135L or R*/PA 288.88
		100 x 100mm □	P44/BR/135L or R*	317.17	P44/BR/135L or R*/PA 332.37
		125 x 100mm □	P54/BR/135L or R*	369.68	P54/BR/135L or R*/PA 387.37
		150 x 100mm □	P64/BR/135L or R*	421.44	P64/BR/135L or R*/PA 441.64
*Note: The order code for cast iron LEFT and RIGHT BRANCHES should be suffixed with 'L' for LEFT bends or 'R' for RIGHT bends as appropriate.					
RAINWATER HEADS - Additional designs in the made to order section on page 124					
	Rectangular Small 250 x 180 x 180mm	75 x 75mm □	HH/002/33	110.70	HH/002/33/PA 126.53
		100 x 75mm □	HH/002/43	110.70	HH/002/43/PA 126.53
		100 x 100mm □	HH/002/44	110.70	HH/002/44/PA 126.53
	Rectangular Large 305 x 250 x 200mm	75 x 75mm □	HH/003/33	198.49	HH/003/33/PA 226.90
		100 x 75mm □	HH/003/43	198.49	HH/003/43/PA 226.90
		125 x 100mm □	HH/003/44	198.49	HH/003/44/PA 226.90
			HH/003/54	198.49	HH/003/54/PA 226.90

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SQUARE PIPES		SQUARE/RECTANGULAR PIPES OFFSETS			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
112.5° OFFSETS					
	75 x 75mm	76mm Offset	P33/OF/03L or R*	161.92	P33/OF/03L or R*/PA 169.64
		114mm Offset	P33/OF/04L or R*	174.61	P33/OF/04L or R*/PA 182.97
		152mm Offset	P33/OF/06L or R*	174.61	P33/OF/06L or R*/PA 182.97
		228mm Offset	P33/OF/09L or R*	229.18	P33/OF/09L or R*/PA 240.17
		304mm Offset	P33/OF/12L or R*	245.79	P33/OF/12L or R*/PA 257.56
		381mm Offset	P33/OF/15L or R*	283.15	P33/OF/15L or R*/PA 296.74
		457mm Offset	P33/OF/18L or R*	399.88	P33/OF/18L or R*/PA 419.05
	100 x 75mm □	76mm Offset	P43/OF/03L or R*	179.63	P43/OF/03L or R*/PA 188.26
		114mm Offset	P43/OF/04L or R*	191.39	P43/OF/04L or R*/PA 200.55
		152mm Offset	P43/OF/06L or R*	191.39	P43/OF/06L or R*/PA 200.55
		228mm Offset	P43/OF/09L or R*	248.65	P43/OF/09L or R*/PA 260.58
		304mm Offset	P43/OF/12L or R*	269.05	P43/OF/12L or R*/PA 281.96
		381mm Offset	P43/OF/15L or R*	401.78	P43/OF/15L or R*/PA 421.03
		457mm Offset	P43/OF/18L or R*	494.01	P43/OF/18L or R*/PA 517.66
	100 x 100mm □	76mm Offset	P44/OF/03L or R*	201.20	P44/OF/03L or R*/PA 210.82
		114mm Offset	P44/OF/04L or R*	215.64	P44/OF/04L or R*/PA 225.95
		152mm Offset	P44/OF/06L or R*	215.64	P44/OF/06L or R*/PA 225.95
		228mm Offset	P44/OF/09L or R*	259.52	P44/OF/09L or R*/PA 271.95
		304mm Offset	P44/OF/12L or R*	337.59	P44/OF/12L or R*/PA 353.76
		381mm Offset	P44/OF/15L or R*	413.94	P44/OF/15L or R*/PA 433.78
		457mm Offset	P44/OF/18L or R*	555.58	P44/OF/18L or R*/PA 582.20
	125 x 100mm □	76mm Offset	P54/OF/03L or R*	271.57	P54/OF/03L or R*/PA 284.58
		114mm Offset	P54/OF/04L or R*	307.70	P54/OF/04L or R*/PA 322.47
		152mm Offset	P54/OF/06L or R*	307.70	P54/OF/06L or R*/PA 322.47
		228mm Offset	P54/OF/09L or R*	419.24	P54/OF/09L or R*/PA 439.33
		304mm Offset	P54/OF/12L or R*	476.96	P54/OF/12L or R*/PA 499.80
		381mm Offset	P54/OF/15L or R*	689.20	P54/OF/15L or R*/PA 722.20
		457mm Offset	P54/OF/18L or R*	787.14	P54/OF/18L or R*/PA 824.89
	150 x 100mm □	76mm Offset	P64/OF/03L or R*	335.30	P64/OF/03L or R*/PA 351.38
		114mm Offset	P64/OF/04L or R*	384.30	P64/OF/04L or R*/PA 402.71
		152mm Offset	P64/OF/06L or R*	384.30	P64/OF/06L or R*/PA 402.71
		228mm Offset	P64/OF/09L or R*	465.28	P64/OF/09L or R*/PA 487.55
		304mm Offset	P64/OF/12L or R*	578.18	P64/OF/12L or R*/PA 605.91
		381mm Offset	P64/OF/15L or R*	822.17	P64/OF/15L or R*/PA 861.54
		457mm Offset	P64/OF/18L or R*	1,009.08	P64/OF/18L or R*/PA 1,057.43

*Note: The order code for cast iron LEFT and RIGHT OFFSETS should be suffixed with 'L' for LEFT or 'R' for RIGHT as appropriate.

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SQUARE PIPES		SQUARE/RECTANGULAR PIPES SWAN NECKS			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
120° SWAN NECKS					
	75 x 75mm □	76mm Offset	P33/OF/03	161.92	P33/OF/03/PA 169.64
		114mm Offset	P33/OF/04	174.61	P33/OF/04/PA 182.97
		152mm Offset	P33/OF/06	174.61	P33/OF/06/PA 182.97
		228mm Offset	P33/OF/09	229.18	P33/OF/09/PA 240.17
		304mm Offset	P33/OF/12	245.79	P33/OF/12/PA 257.56
		381mm Offset	P33/OF/15	283.15	P33/OF/15/PA 296.74
		457mm Offset	P33/OF/18	433.12	P33/OF/18/PA 453.86
	100 x 75mm □	76mm Offset	P43/OF/03	154.36	P43/OF/03/PA 161.75
		114mm Offset	P43/OF/04	166.33	P43/OF/04/PA 174.29
		152mm Offset	P43/OF/06	166.33	P43/OF/06/PA 174.29
		228mm Offset	P43/OF/09	218.27	P43/OF/09/PA 228.73
		304mm Offset	P43/OF/12	233.99	P43/OF/12/PA 245.22
		381mm Offset	P43/OF/15	349.33	P43/OF/15/PA 366.07
		457mm Offset	P43/OF/18	412.73	P43/OF/18/PA 432.49
	100 x 100mm □	76mm Offset	P44/OF/03	201.20	P44/OF/03/PA 210.82
		114mm Offset	P44/OF/04	215.64	P44/OF/04/PA 225.95
		152mm Offset	P44/OF/06	215.64	P44/OF/06/PA 225.95
		228mm Offset	P44/OF/09	259.52	P44/OF/09/PA 271.95
		304mm Offset	P44/OF/12	345.44	P44/OF/12/PA 362.00
		381mm Offset	P44/OF/15	413.94	P44/OF/15/PA 433.78
		457mm Offset	P44/OF/18	555.58	P44/OF/18/PA 582.20
	125 x 100mm □	76mm Offset	P54/OF/03	231.31	P54/OF/03/PA 242.40
		114mm Offset	P54/OF/04	267.59	P54/OF/04/PA 280.40
		152mm Offset	P54/OF/06	267.59	P54/OF/06/PA 280.40
		228mm Offset	P54/OF/09	316.19	P54/OF/09/PA 331.33
		304mm Offset	P54/OF/12	414.87	P54/OF/12/PA 434.75
		381mm Offset	P54/OF/15	599.23	P54/OF/15/PA 627.93
		457mm Offset	P54/OF/18	657.81	P54/OF/18/PA 689.30
	150 x 100mm □	76mm Offset	P64/OF/03	302.18	P64/OF/03/PA 316.66
		114mm Offset	P64/OF/04	334.20	P64/OF/04/PA 350.20
		152mm Offset	P64/OF/06	334.20	P64/OF/06/PA 350.20
		228mm Offset	P64/OF/09	398.53	P64/OF/09/PA 417.61
		304mm Offset	P64/OF/12	502.68	P64/OF/12/PA 526.75
		381mm Offset	P64/OF/15	714.88	P64/OF/15/PA 749.14
		457mm Offset	P64/OF/18	844.13	P64/OF/18/PA 884.56

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SQUARE PIPES

SQUARE/RECTANGULAR PIPES
PLINTH OFFSETS & SOCKETS

Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
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135° PLINTH OFFSETS

	75 x 75mm □	76mm Offset	P33/OF/03P	190.44	P33/OF/03P/PA	199.56
		114mm Offset	P33/OF/04P	205.36	P33/OF/04P/PA	215.17
		152mm Offset	P33/OF/06P	205.36	P33/OF/06P/PA	215.17
100 x 75mm □		76mm Offset	P43/OF/03P	181.51	P43/OF/03P/PA	190.20
		114mm Offset	P43/OF/04P	195.67	P43/OF/04P/PA	205.07
		152mm Offset	P43/OF/06P	195.67	P43/OF/06P/PA	205.07
100 x 100mm □		76mm Offset	P44/OF/03P	236.69	P44/OF/03P/PA	248.03
		114mm Offset	P44/OF/04P	253.58	P44/OF/04P/PA	265.70
		152mm Offset	P44/OF/06P	253.58	P44/OF/06P/PA	265.70
125 x 100mm □		76mm Offset	P54/OF/03P	272.18	P54/OF/03P/PA	285.23
		114mm Offset	P54/OF/04P	314.84	P54/OF/04P/PA	329.95
		152mm Offset	P54/OF/06P	314.84	P54/OF/06P/PA	329.95
150 x 100mm □		76mm Offset	P64/OF/03P	356.72	P64/OF/03P/PA	373.83
		114mm Offset	P64/OF/04P	393.12	P64/OF/04P/PA	411.95
		152mm Offset	P64/OF/06P	393.12	P64/OF/06P/PA	411.95

SQUARE SOCKETS

 Note: Cast iron sockets may be supplied without ears suffix product code with /NE.	With Ears	75 x 75mm □	P33/SOC	123.67	P33/SOC/PA	129.61
		100 x 75mm □	P43/SOC	132.10	P43/SOC/PA	138.42
		100 x 100mm □	P44/SOC	140.55	P44/SOC/PA	147.29
		125 x 100mm □	P54/SOC	148.92	P54/SOC/PA	156.06
		150 x 100mm □	P64/SOC	157.39	P64/SOC/PA	164.94

Note: An extensive range of Earbelts are available for the complete range of circular, square and rectangular pipes.
Screwed and Build-In Holderbats are available for circular pipes only.
Consult the Technical Helpline on 01536 383 810



THE CAST IRON RANGE MADE TO ORDER

This rainwater range, featuring the Apex Heritage System Made to Order, extends the choices available with the Apex Heritage System standard range components.

CAST IRON SYSTEMS MADE TO ORDER

Alumasc Rainwater's Made to Order Cast Iron range is specifically designed to yield all of the benefits associated with the standard Apex Heritage range, satisfying all the style options for new buildings whilst addressing the challenges of exact replacement for refurbishment and restoration.



See page 126

Gutters



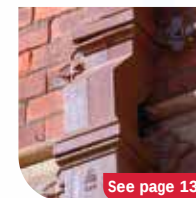
See page 128

Rainwater Heads



See page 130

Downpipes



See page 130

Accessories

Design Flexibility

Alumasc's history of designing and supplying engineered rainwater systems is a sign of its ability to develop patterns for the sand casting of products that are tailored to individual buildings' specific needs.

The Apex Heritage Made to Order range offers the specifier a considerable choice of readily available plain and ornamental pipes, rainwater heads and gutter profiles, including radius gutters in traditional sand cast iron.

A variety of different designs are possible for decorative earbelts and additional enrichments that can be added onto rainwater heads.

Where an existing installation has to be replaced, in particular on listed buildings, Alumasc can provide new castings to match the existing design. Where gutters are required to follow a particular roof radius, patterns can be engineered from dimensions or existing gutter installations to yield a gutter that can be installed to suit the roof parameters. Alumasc is happy to offer technical advice and quotations for additional designs where these might be required.



To discuss your project requirements please contact:

Cast Iron Technical Team
Tel: 01536 383 810

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MADE TO ORDER		CAST IRON MADE TO ORDER GUTTERS			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
HALF ROUND GUTTERS					
	127 x 140mm	SG22/6FT	POA	SG22/6FT/PA	POA
	152 x 70mm	SG25/6FT	POA	SG25/6FT/PA	POA
	200 x 81mm	SG77/6FT	POA	SG77/6FT/PA	POA
BOX GUTTERS					
	114 x 76mm	SG31/6FT	POA	SG31/6FT/PA	POA
	114 x 89mm	SG20/6FT	POA	SG20/6FT/PA	POA
	140 x 102mm	SG26/6FT	POA	SG26/6FT/PA	POA
	152 x 140mm	SG09/6FT	POA	SG09/6FT/PA	POA
	140 x 102mm	SG08/6FT	POA	SG08/6FT/PA	POA
OGEE GUTTERS					
	114 x 76mm	SG17/6FT	POA	SG17/6FT/PA	POA
	127 x 70mm	SG29/6FT	POA	SG29/6FT/PA	POA
	127 x 76mm	SG13/6FT	POA	SG13/6FT/PA	POA

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

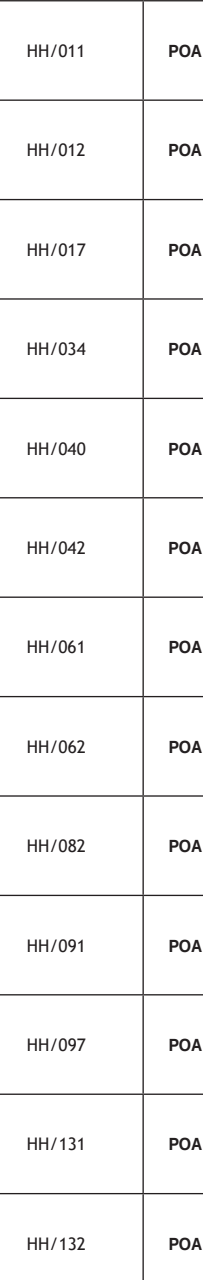
MADE TO ORDER		CAST IRON MADE TO ORDER GUTTERS			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
OGEE GUTTERS					
	127 x 102mm	SG18/6FT	POA	SG18/6FT/PA	POA
	152 x 102mm	SG19/6FT	POA	SG19/6FT/PA	POA
MOULDED GUTTERS					
	133 x 82mm	SG39/6FT	POA	SG39/6FT/PA	POA
	165 x 152mm	SG37/6FT	POA	SG37/6FT/PA	POA
	178 x 152mm	SG05/6FT	POA	SG05/6FT/PA	POA
	190 x 89mm	SG07/6FT	POA	SG07/6FT/PA	POA
	203 x 127mm	SG30/6FT	POA	SG30/6FT/PA	POA
	203 x 127mm	SG12/6FT	POA	SG12/6FT/PA	POA
	229 x 152mm	SG03/6FT	POA	SG03/6FT/PA	POA
	260 x 146mm	SG14/6FT	POA	SG14/6FT/PA	POA
	305 x 152mm	SG15/6FT	POA	SG15/6FT/PA	POA
	203 x 127mm	SG10/6FT	POA	SG10/6FT/PA	POA

PATTERN CHARGES MAY APPLY
ACCESSORIES ARE BESPOKE

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MADE TO ORDER

CAST IRON MADE TO ORDER HOPPER HEADS

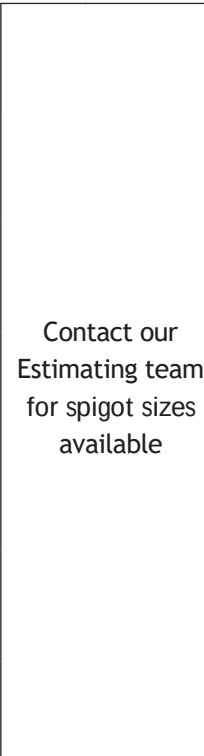
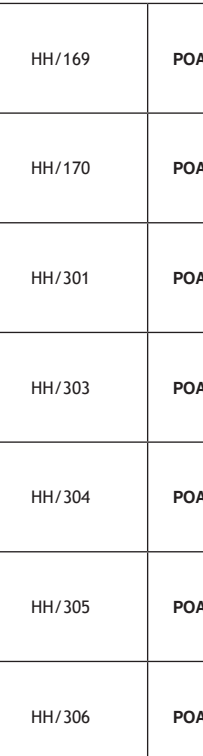
HOPPER HEADS	Size Ø	Size □	Code Primed	Price Primed £	Code Painted	Price Painted £
			HH/011	POA	HH/011/PA	POA
			HH/012	POA	HH/012/PA	POA
			HH/017	POA	HH/017/PA	POA
			HH/034	POA	HH/034/PA	POA
			HH/040	POA	HH/040/PA	POA
			HH/042	POA	HH/042/PA	POA
			HH/061	POA	HH/061/PA	POA
			HH/062	POA	HH/062/PA	POA
			HH/082	POA	HH/082/PA	POA
			HH/091	POA	HH/091/PA	POA
			HH/097	POA	HH/097/PA	POA
			HH/131	POA	HH/131/PA	POA
			HH/132	POA	HH/132/PA	POA

Contact our
Estimating team
for spigot sizes
available

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MADE TO ORDER

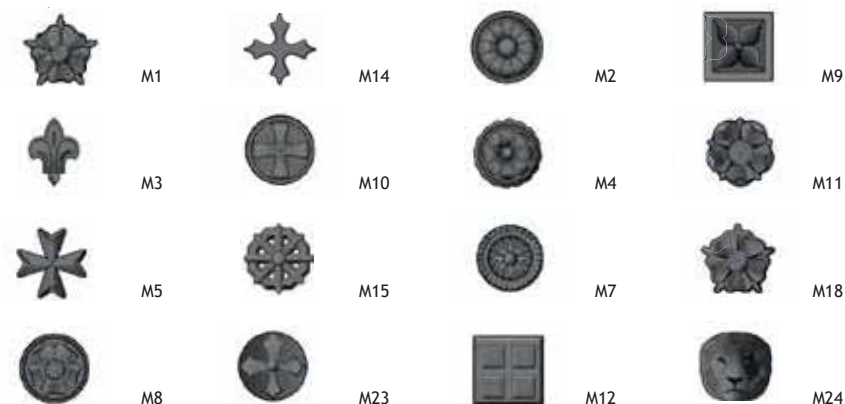
CAST IRON MADE TO ORDER HOPPER HEADS

HOPPER HEADS	Size Ø	Size □	Code Primed	Price Primed £	Code Painted	Price Painted £
			HH/169	POA	HH/169/PA	POA
			HH/170	POA	HH/170/PA	POA
			HH/301	POA	HH/301/PA	POA
			HH/303	POA	HH/303/PA	POA
			HH/304	POA	HH/304/PA	POA
			HH/305	POA	HH/305/PA	POA
			HH/306	POA	HH/306/PA	POA
			HH/305 HH/306			

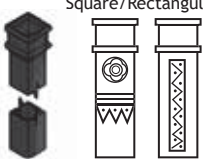
Contact our
Estimating team
for spigot sizes
available

Note: The rainwater heads shown are available with different spigot sizes and additional enrichments.
Please contact Rainwater Technical to discuss your requirements.

ENRICHMENTS



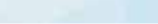
APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MADE TO ORDER		CAST IRON MADE TO ORDER DOWNPIPES			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted £
PIPES					
 Square/Rectangular SP10 SP13	102 x 76mm □	SP10	POA	SP10/PA	POA
	102 x 76mm □	SP13	POA	SP13/PA	POA

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MADE TO ORDER		CAST IRON MADE TO ORDER EAR BELTS & HOLDERBATS			
Description	Size Ø	Code Primed	Price Primed £	Code Painted	Price Painted £
EAR BELTS & HOLDERBATS					
	63mm Ø	P25/HB/CL	POA	P25/HB/CL/PA	POA
	75mm Ø	P30/HB/CL	POA	P30/HB/CL/PA	POA
	100mm Ø	P40/HB/CL	POA	P40/HB/CL/PA	POA
	63mm Ø	P25/HB/ST	POA	P25/HB/ST/PA	POA
	75mm Ø	P30/HB/ST	POA	P30/HB/ST/PA	POA
	100mm Ø	P40/HB/ST	POA	P40/HB/ST/PA	POA
 This product comes in a galvanised finish only	63mm Ø	P25/HB/GS	POA		
	75mm Ø	P30/HB/GS	POA		
	100mm Ø	P40/HB/GS	POA		
	63mm Ø	P25/HB/BI	POA	P25/HB/BI/PA	POA
	75mm Ø	P30/HB/BI	POA	P30/HB/BI/PA	POA
	100mm Ø	P40/HB/BI	POA	P40/HB/BI/PA	POA

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MADE TO ORDER		CAST IRON MADE TO ORDER EAR BELTS & HOLDERBATS			
Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted
EAR BELTS & HOLDERBATS					
	75 x 75mm	P33/EB/E03	POA	P33/EB/E03/PA	POA
	100 x 75mm	P43/EB/E03	POA	P43/EB/E03/PA	POA
	100 x 100mm	P44/EB/E03	POA	P44/EB/E03/PA	POA
	125 x 100mm	P54/EB/E03	POA	P54/EB/E03/PA	POA
	75 x 75mm	P33/EB/E04	POA	P33/EB/E04/PA	POA
	100 x 75mm	P43/EB/E04	POA	P43/EB/E04/PA	POA
	100 x 100mm	P44/EB/E04	POA	P44/EB/E04/PA	POA
	125 x 100mm	P54/EB/E04	POA	P54/EB/E04/PA	POA
	75 x 75mm	P33/EB/E06	POA	P33/EB/E06/PA	POA
	100 x 75mm	P43/EB/E06	POA	P43/EB/E06/PA	POA
	100 x 100mm	P44/EB/E06	POA	P44/EB/E06/PA	POA
	125 x 100mm	P54/EB/E06	POA	P54/EB/E06/PA	POA
	75 x 75mm	P33/EB/E09	POA	P33/EB/E09/PA	POA
	100 x 75mm	P43/EB/E09	POA	P43/EB/E09/PA	POA
	100 x 100mm	P44/EB/E09	POA	P44/EB/E09/PA	POA
	125 x 100mm	P54/EB/E09	POA	P54/EB/E09/PA	POA
	75 x 5mm	P33/EB/E10	POA	P33/EB/E10/PA	POA
	100 x 75mm	P43/EB/E10	POA	P43/EB/E10/PA	POA
	100 x 100mm	P44/EB/E10	POA	P44/EB/E10/PA	POA
	125 x 100mm	P54/EB/E10	POA	P54/EB/E10/PA	POA
	75 x 75mm	P33/EB/E12	POA	P33/EB/E12/PA	POA
	100 x 75mm	P43/EB/E12	POA	P43/EB/E12/PA	POA
	100 x 100mm	P44/EB/E12	POA	P44/EB/E12/PA	POA
	125 x 100mm	P54/EB/E12	POA	P54/EB/E12/PA	POA
	100 x 100mm	P44/EB/E13	POA	P44/EB/E13/PA	POA
	125 x 100mm	P54/EB/E13	POA	P54/EB/E13/PA	POA
	75 x 75mm	P33/EB/E15	POA	P33/EB/E15/PA	POA
	100 x 75mm	P43/EB/E15	POA	P43/EB/E15/PA	POA
	100 x 100mm	P44/EB/E15	POA	P44/EB/E15/PA	POA
	125 x 100mm	P54/EB/E15	POA	P54/EB/E15/PA	POA

PATTERN CHARGES MAY APPLY
ACCESSORIES ARE BESPOKE

Technical Helpline: +44 (0)1536 383 810 131

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

MADE TO ORDER

CAST IRON MADE TO ORDER EAR BELTS & HOLDERBATS

Description	Size	Code Primed	Price Primed £	Code Painted	Price Painted
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EAR BELTS & HOLDERBATS

	75 x 75mm	P33/EB/E20	POA	P33/EB/E20/PA	POA
	100 x 75mm	P43/EB/E20	POA	P43/EB/E20/PA	POA
	100 x 100mm	P44/EB/E20	POA	P44/EB/E20/PA	POA
	125 x 100mm	P54/EB/E20	POA	P54/EB/E20/PA	POA
	75 x 75mm	P33/EB/E21	POA	P33/EB/E21/PA	POA
	100 x 75mm	P43/EB/E21	POA	P43/EB/E21/PA	POA
	100 x 100mm	P44/EB/E21	POA	P44/EB/E21/PA	POA
	125 x 100mm	P54/EB/E21	POA	P54/EB/E21/PA	POA
	75 x 75mm	P33/EB/E22	POA	P33/EB/E22/PA	POA
	100 x 75mm	P43/EB/E22	POA	P43/EB/E22/PA	POA
	100 x 100mm	P44/EB/E22	POA	P44/EB/E22/PA	POA
	125 x 100mm	P54/EB/E22	POA	P54/EB/E22/PA	POA
	75 x 75mm	P33/EB/E25	POA	P33/EB/E25/PA	POA
	100 x 75mm	P43/EB/E25	POA	P43/EB/E25/PA	POA
	100 x 100mm	P44/EB/E25	POA	P44/EB/E25/PA	POA
	125 x 100mm	P54/EB/E25	POA	P54/EB/E25/PA	POA
	100 x 75mm	P43/EB/E28	POA	P43/EB/E28/PA	POA
	100 x 100mm	P44/EB/E28	POA	P44/EB/E28/PA	POA
	125 x 100mm	P54/EB/E28	POA	P54/EB/E28/PA	POA
	75 x 75mm	P33/PC/CL	POA	P33/PC/CL/PA	POA
	100 x 75mm	P43/PC/CL	POA	P43/PC/CL/PA	POA
	100 x 100mm	P44/PC/CL	POA	P44/PC/CL/PA	POA
	125 x 100mm	P54/PC/CL	POA	P54/PC/CL/PA	POA
	75 x 75mm	P33/PC/ST	POA	P33/PC/ST/PA	POA
	100 x 75mm	P43/PC/ST	POA	P43/PC/ST/PA	POA
	100 x 100mm	P44/PC/ST	POA	P44/PC/ST/PA	POA
	125 x 100mm	P54/PC/ST	POA	P54/PC/ST/PA	POA

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

SUNDRY ITEMS

Description	Code	Colour	List Price £
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SUNDRY ITEMS

	310cc Dow Corning 791 Silicone	SS991561	791 Black	15.57
	310cc Dow Corning 791 Silicone	SS991558	791 White	15.57
	310cc Dow Corning 791 Silicone	SS991562	791 Limestone	15.57
	310cc Dow Corning 791 Silicone	SS991560	791 Bronze	15.57
	310cc Dow Corning 791 Silicone	SS991559	791 Grey	15.57
	Clear Low Modulus Silicone	SS991563	996 Translucent	15.57
	400ml Fast Drying Solvent Cleaner	SC991281		21.04
	10m Roll x 6m dia Backing Foam	BF991408		11.14
	EPDM Rubber Joints, Screw & Nut (Pack of 20) 100mm, 113mm, 125mm	HYDROSTRIP		91.42
	Bright Zinc Plated Mild Steel M6 x 25mm	NBW630310		0.54
	Bright Zinc Plated Mild Steel M8 x 75mm	NAIL30		0.65
	Bright Zinc Plated Mild Steel M8 x 100mm	NAIL40		0.77
	Hardened Steel Zinc Plated M8 x 75mm	COACH30		0.49
	Hardened Steel Zinc Plated M8 x 100mm	COACH40		0.51
	Black Plastic M8 dia	COACHCAP		0.49
	No 12 x 2" Roundhead Woodscrew with Washer (To fix pipe sockets with ears or pipe clips)	NBW630361		0.51
	No 12 x 1.5" Roundhead Woodscrew with Washer (To fix cast FASCIA BRACKETS or for 'direct fix' gutters)	NBW630362		0.39
	1½" Countersunk Screw No12 x 38mm	ZNBW969041		0.42
	Oxide Red 125ml	TUPCI/ RAL3009/125	RAL 3009	20.47
	Traffic Red 125ml	TUPCI/ RAL3020/125	RAL 3020	20.47
	Flower Blue 125ml	TUPCI/ RAL5010/125	RAL 5010	20.47
	Moss Green 125ml	TUPCI/ RAL6005/125	RAL 6005	20.47
	Anthracite Grey 125ml	TUPCI/ RAL7016/125	RAL 7016	20.47
	Chestnut Brown 125ml	TUPCI/ RAL8015/125	RAL 8015	20.47
	Black Touch up Paint 125ml	TUPCI/ RAL9005/125	RAL 9005	20.47
	White Touch up Paint 125ml	TUPCI/ RAL9016/125	RAL 9016	20.47

PATTERN CHARGES MAY APPLY
ACCESSORIES ARE BESPOKE

Technical Helpline: +44 (0)1536 383 810 133

APEX HERITAGE CAST IRON RAINWATER SYSTEMS

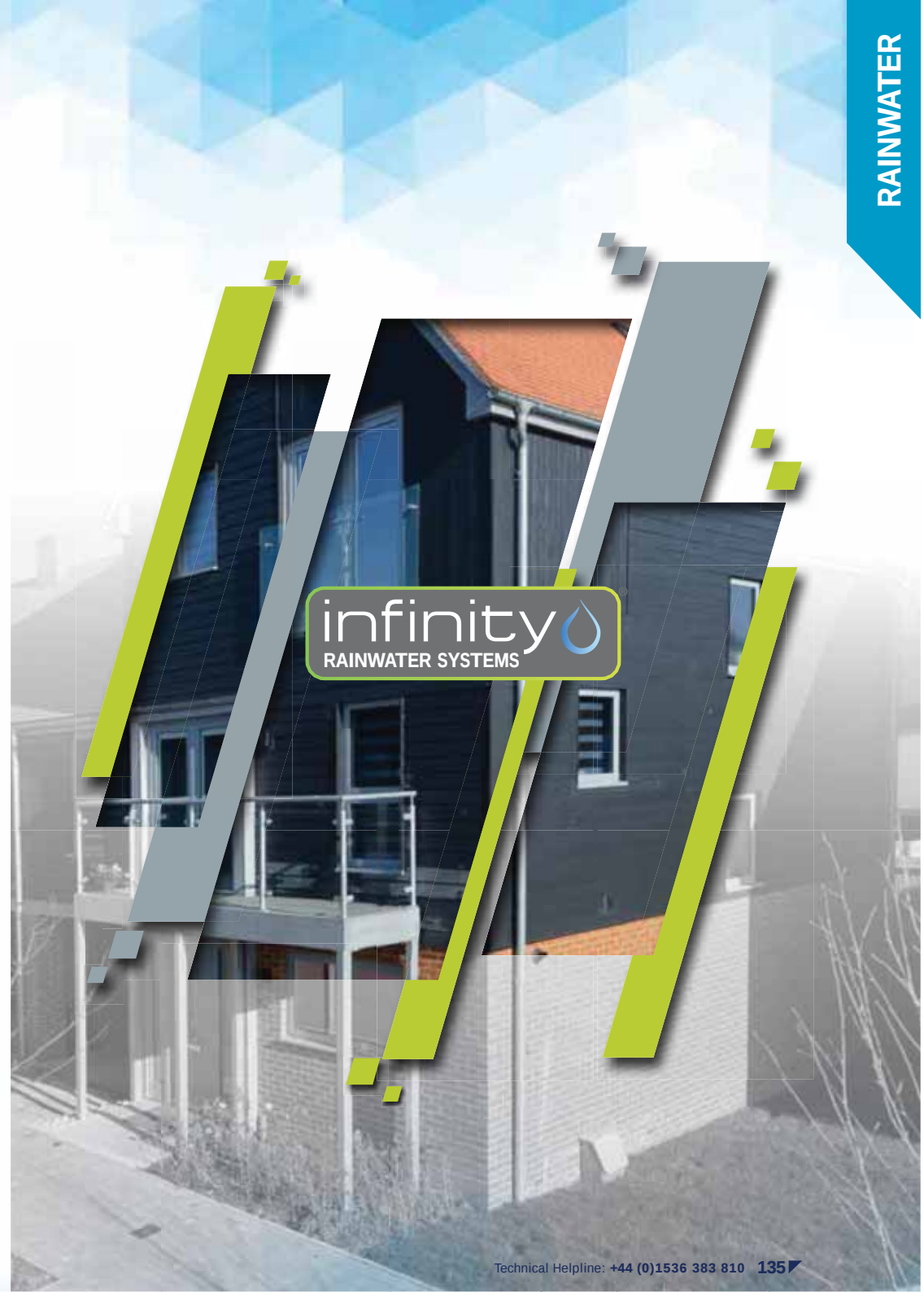
SUNDRY ITEMS

Description	Code Primed	Price Primed £	Code Painted	Price Painted £
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SUNDRY ITEMS

Bobbins

½" Bobbins	PB/050	9.35	PB/050/PA	10.40
¾" Bobbins	PB/070	9.35	PB/070/PA	10.40
1" Bobbins	PB/100	9.91	PB/100/PA	10.99
1¼" Bobbins	PB/125	9.91	PB/125/PA	10.99
1½" Bobbins	PB/150	10.74	PB/150/PA	11.93
1¾" Bobbins	PB/175	10.74	PB/175/PA	11.93
2" Bobbins	PB/200	10.74	PB/200/PA	11.93





The Infinity Steel, Quartz Zinc & Copper Rainwater systems is manufactured in Germany using the latest in material and manufacturing technology. The Infinity range is a result of decades of continued innovation in galvanised steel rainwater systems.

Applications

- Ideal for traditional and modern buildings in both new build and refurbishment applications
- A competitive alternative to uPVC systems, with increased flow rates and longevity

Features & Performance

- 15 year product warranty
- All gutter widths are deep half round providing maximum flow rates
- Higher flow capacity on outlets due to larger inlet funnels
- Gutter angle is 'deep drawn' and one piece giving greater flow capacity
- Lightweight, durable and non-corrodible
- Quick and easy installation
- Fascia bracket has a larger back plate for installation ease and 6 fixing points compared to 2 on other systems
- Internally seamed downpipe gives a smooth and modern finish
- Downpipe brackets have two concealed vertical fixing points
- Low maintenance
- New pre-formed outlet available

Manufacture

- Manufactured to ISO 9001: 2008
- Manufactured to ISO 14001: 2004

Colours & Finishes

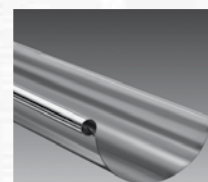
- Available in steel, in either a galvanised, black, anthracite grey & white pre-coated finish
- Also available to order in 6 other galvanised pre-coated colour finishes upon request
- The system is also available to order in Quartz Zinc or Copper
- All colour coated lengths are protected with an adhesive film to prevent damage on-site
- The copper patina visibly changes colour beautifully with age
- The Quartz Zinc shade we've chosen is already the colour of pre-weathered
- Both materials have a life expectancy of 50-100+ years.

Installation & Fixing

- Dry Joint system without the need for additional silicone sealants
- Gutter lengths and angles are jointed with 'EPDM rubber sealed' connectors for fast and watertight installation
- Downpipes and offsets are push-fit with 'Swaged' ends, again for fast and watertight installation
- Stop ends are push-fit with 'EPDM rubber sealed' inserts
- FASCIA BRACKETS have wide back plates and are multi holed for fast and ultra secure fascia fixing



Steel Half Round Gutter



See page 138



115 x 70mm HRS40
125 x 80mm HRS50
150 x 90mm HRS60

190 x 90mm - Available on request

Steel Circular Downpipe

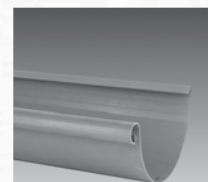


See page 142



80mm (3½") SRW1
100mm (4") SRW2

Quartz Zinc Half Round Gutter



See page 144



115 x 70mm HRS40
125 x 80mm HRS50
150 x 90mm HRS60

190 x 90mm - Available on request

Quartz Zinc Circular Downpipe



See page 146



80mm (3½") SRW1
100mm (4") SRW2

Copper Round Gutter



See page 144



115 x 70mm HRS40
125 x 80mm HRS50
150 x 90mm HRS60

190 x 90mm - Available on request

Copper Circular Downpipe



See page 146



80mm (3½") SRW1
100mm (4") SRW2

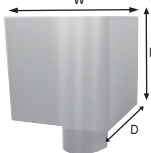
STEEL RAINWATER SYSTEM						
STEEL GUTTERS		HALF ROUND STEEL GUTTERS, UNION CONNECTORS, STOP-ENDS, WRAP AROUND GUTTER OUTLETS				
Description						
Nom. Size		Galvanised	Black	Anthracite Grey	White	
GUTTER ASSEMBLIES - 3.0m lengths (plain ended) Note: Gutter prices are inclusive of Union Connectors.						
	115mm (4.5")	HRS40/3MA	HRS40/3MA/BLK	HRS40/3MA/GRY	HRS40/3MA /WTE	
		36.29	45.12			
	125mm (5")	HRS50/3MA	HRS50/3MA/BLK	HRS50/3MA/GRY	HRS50/3MA/WTE	
		40.03	47.83			
	150mm (6")	HRS60/3MA	HRS60/3MA/BLK	HRS60/3MA/GRY	HRS60/3MA/WTE	
		49.82	61.56			
UNION CONNECTOR						
	115mm (4.5")	HRS40/UC	HRS40/UC/BLK	HRS40/UC/GRY	HRS40/UC/WTE	
		8.23	9.80			
	125mm (5")	HRS50/UC	HRS50/UC/BLK	HRS50/UC/GRY	HRS50/UC/WTE	
		8.49	10.07			
	150mm (6")	HRS60/UC	HRS60/UC/BLK	HRS60/UC/GRY	HRS60/UC/WTE	
		8.75	10.29			
PUSH FIT STOP-ENDS						
	115mm (4.5")	HRS40/SE	HRS40/SE/BLK	HRS40/SE/GRY	HRS40/SE/WTE	
		3.93	5.83			
	125mm (5")	HRS50/SE	HRS50/SE/BLK	HRS50/SE/GRY	HRS50/SE/WTE	
		4.19	5.97			
	150mm (6")	HRS60/SE	HRS60/SE/BLK	HRS60/SE/GRY	HRS60/SE/WTE	
		4.53	6.39			

STEEL RAINWATER SYSTEM						
STEEL GUTTERS		EXTERNAL & INTERNAL ANGLES, FASCIA BRACKETS, RAFTER BRACKETS, ADJUSTABLE GUTTER BRACKETS				
Description	Nom. Size	Galvanised	Black	Anthracite Grey	White	
PRE-FABRICATED GUTTER OUTLET Note: Inclusive of Union Connectors.						
	115mm (4.5")	HRS40/ROA80A	HRS40/ROA80A/BLK	HRS40/ROA80A/GRY	HRS40/ROA80A/WT	
		34.37	37.82			
	125mm (5")	HRS50/ROA80A	HRS50/ROA80A/BLK	HRS50/ROA80A/GRY	HRS50/ROA80A/WT	
		39.07	41.46			
	150mm (6")	HRS60/ROA100A	HRS60/ROA100A/BLK	HRS60/ROA100A/GRY	HRS60/ROA100A/WT	
		41.06	44.22			
WRAP AROUND GUTTER OUTLET						
	115mm (4.5")	HRS40/RO80	HRS40/RO80/BLK	HRS40/RO80/GRY	HRS40/ROA80/WTE	
		11.38	14.06			
	125mm (5")	HRS50/RO80	HRS50/RO80/BLK	HRS50/RO80/GRY	HRS50/RO80/WTE	
		13.02	14.06			
	150mm (6")	HRS60/RO100	HRS60/RO100/BLK	HRS60/RO100/GRY	HRS60/RO100/WTE	
		13.99	16.45			
90° EXTERNAL ANGLE Note: Inclusive of Union Connectors.						
	115mm (4.5")	HRS40/EA90A	HRS40/EA90A/BLK	HRS40/EA90A/GRY	HRS40/EA90A/WTE	
		38.27	47.73			
	125mm (5")	HRS50/EA90A	HRS50/EA90A/BLK	HRS50/EA90A/GRY	HRS50/EA90A/WTE	
		39.68	48.88			
	150mm (6")	HRS60/EA90A	HRS60/EA90A/BLK	HRS60/EA90A/GRY	HRS60/EA90A/WTE	
		45.04	56.76			

STEEL RAINWATER SYSTEM						
STEEL GUTTERS		HALF ROUND STEEL GUTTERS, UNION CONNECTORS, STOP-ENDS, WRAP AROUND GUTTER OUTLETS				
Description		Nom. Size	Galvanised	Black	Anthracite Grey	White
90° INTERNAL ANGLE Note: Inclusive of Union Connectors.						
	115mm (4.5")	HRS40/IA90A	HRS40/IA90A/BLK	HRS40/IA90A/GRY	HRS40/IA90A/WTE	
		38.27	47.73			
	125mm (5")	HRS50/IA90A	HRS50/IA90A/BLK	HRS50/IA90A/GRY	HRS50/IA90A/WTE	
		39.68	48.88			
	150mm (6")	HRS60/IA90A	HRS60/IA90A/BLK	HRS60/IA90A/GRY	HRS60/IA90A/WTE	
		45.04	56.76			
FASCIA BRACKET						
	115mm (4.5")	HRS40/FB	HRS40/FB/BLK	HRS40/FB/GRY	HRS40/FB/WTE	
		3.94	4.57			
	125mm (5")	HRS50/FB	HRS50/FB/BLK	HRS50/FB/GRY	HRS50/FB/WTE	
		4.23	4.75			
	150mm (6")	HRS60/FB	HRS60/FB/BLK	HRS60/FB/GRY	HRS60/FB/WTE	
		4.48	4.85			
SIDE FIX RAFTER BRACKET						
	115mm (4.5")	HRS40/RB/SF	HRS40/RB/SF/BLK	HRS40/RB/SF/GRY	HRS40/RB/SF/WTE	
		6.01	7.82			
	125mm (5")	HRS50/RB/SF	HRS50/RB/SF/BLK	HRS50/RB/SF/GRY	HRS50/RB/SF/WTE	
		6.29	7.82			
	150mm (6")	HRS60/RB/SF	HRS60/RB/SF/BLK	HRS60/RB/SF/GRY	HRS60/RB/SF/WTE	
		6.75	7.82			

STEEL RAINWATER SYSTEM						
STEEL GUTTERS		EXTERNAL & INTERNAL ANGLES, FASCIA BRACKETS, RAFTER BRACKETS, ADJUSTABLE GUTTER BRACKETS				
Description	Nom. Size	Galvanised	Black	Anthracite Grey	White	
TOP FIX RAFTER BRACKET (Bend on site)						
	115mm (4.5")	HRS40/RB/TF	HRS40/RB/TF/BLK	HRS40/RB/TF/GRY	HRS40/RB/TF/WTE	
		6.01	7.82			
	125mm (5")	HRS50/RB/TF	HRS50/RB/TF/BLK	HRS50/RB/TF/GRY	HRS50/RB/TF/WTE	
		6.29	7.82			
	150mm (6")	HRS60/RB/TF	HRS60/RB/TF/BLK	HRS60/RB/TF/GRY	HRS60/RB/TF/WTE	
		6.75	7.82			
RISE & FALL BRACKET						
	115mm (4.5")	HRS40/R&F	HRS40/R&F/BLK	HRS40/R&F/GRY	HRS40/R&F/WTE	
		28.21	29.73			
	125mm (5")	HRS50/R&F	HRS50/R&F/BLK	HRS50/R&F/GRY	HRS50/R&F/WTE	
		30.27	31.93			
	150mm (6")	HRS60/R&F	HRS60/R&F/BLK	HRS60/R&F/GRY	HRS60/R&F/WTE	
		31.45	33.12			

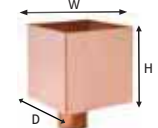
STEEL RAINWATER SYSTEM						
DOWNPIPES		DOWNPIPES, DP CONNECTORS, 70° OFFSET BENDS, 90° OFFSET BENDS, 72° BRANCHES				
Description	Nom. Size	Galvanised	Black	Anthracite Grey	White	
DOWNPIPE (plain ended)						
	Length 3000 mm	80mm (3½")	SRW1/3M	SRW1/3M/BLK	SRW1/3M/GRY	SRW1/3M/WTE
			£38.95	£46.40		
	100mm (4")	SRW2/3M	SRW2/3M/BLK	SRW2/3M/GRY	SRW2/3M/WTE	
		£42.76	£55.57			
DOWNPIPE CONNECTION						
 + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/DC	SRW1/DC/BLK	SRW1/DC/GRY	SRW1/DC/WTE	
		£7.44	£10.40			
	100mm (4")	SRW2/DC	SRW2/DC/BLK ⁺	SRW2/DC/GRY	SRW2/DC/WTE	
		£9.43	£11.21			
OFFSET BEND 70° (single socket)						
 + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/OSB/70	SRW1/OSB/70/BLK	SRW1/OSB/70/GRY	SRW1/OSB/70/WTE	
		£12.36	£14.91			
	100mm (4")	SRW2/OSB/70	SRW2/OSB/70/BLK ⁺	SRW2/OSB/70/GRY	SRW2/OSB/70/WTE	
		£13.73	£16.30			
OFFSET BEND 90° (single socket)						
	80mm (3½")	SRW1/OSB/90	SRW1/OSB/90/BLK	SRW1/OSB/90/GRY	SRW1/OSB/90/WTE	
		£20.22	£24.16			
	100mm (4")	SRW2/OSB/90	SRW2/OSB/90/BLK	SRW2/OSB/90/GRY	SRW2/OSB/90/WTE	
		£23.63	£28.20			
BRANCH 72°						
	80mm (3½")	SRW1/BR/72	SRW1/BR/72/BLK	SRW1/BR/72/GRY	SRW1/BR/72/WTE	
		£51.27	£64.40			
	100mm (4")	SRW2/BR/72	SRW2/BR/72/BLK	SRW2/BR/72/GRY	SRW2/BR/72/WTE	
		£56.90	£67.07			

RAINWATER SYSTEM						
DOWNPIPES		2 PART OFFSETS, FIXED OFFSETS, SHOES, PIPE CLIPS, HOPPER HEADS				
Description	Nom. Size	Galvanised	Black	Anthracite Grey	White	
2 PART ADJUSTABLE OFFSET (Projection of 200mm to 700mm)						
 NEW Only available in Black & Antracite grey	80mm		SRW1/AOS/700/BLK	SRW1/AOS/700/GRY		
			£76.35			
	100mm		SRW2/AOS/700/BLK	SRW2/AOS/700/GRY		
			£79.80			
FIXED OFFSET						
 64mm Projection + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/FOS/60	SRW1/FOS/60/BLK	SRW1/FOS/60/GRY	SRW1/FOS/60/WTE	
		£37.91	£47.85			
	100mm (4")	SRW2/FOS/60	SRW2/FOS/60/BLK	SRW2/FOS/60/GRY	SRW2/FOS/60/WTE	
		£45.96	£52.07			
SHOE						
 + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/SH	SRW1/SH/BLK +	SRW1/SH/GRY	SRW1/SH/WTE	
		£23.74	£26.29			
	100mm (4")	SRW2/SH	SRW2/SH/BLK	SRW2/SH/GRY	SRW2/SH/WTE	
		£24.71	£26.85			
PIPE CLIP						
	80mm (3½")	SRW1/PC	SRW1/PC/BLK	SRW1/PC/GRY	SRW1/PC/WTE	
		£4.25	£4.96			
	100mm (4")	SRW2/PC	SRW2/PC/BLK	SRW2/PC/GRY	SRW2/PC/WTE	
		£4.48	£5.37			
HOPPER HEAD						
W 205 x D 205 x H 200mm  + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/HH/GSR	SRW1/HH/GSR/BLK	SRW1/HH/GSR/GRY	SRW1/HH/GSR/WTE	
		£105.50	£150.98			
	100mm (4")	SRW2/HH/GSR	SRW2/HH/GSR/BLK	SRW2/HH/GSR/GRY	SRW2/HH/GSR/WTE	
		£105.50	£150.98			

ZINC & COPPER RAINWATER SYSTEM					
ZINC & COPPER GUTTERS	HALF ROUND GUTTERS, UNION CONNECTORS, STOP-ENDS, WRAP AROUND GUTTER OUTLETS				
Description	Nom. Size	Code Zinc	Price Zinc	Code Copper	Price Copper
GUTTER ASSEMBLIES - 3.0m lengths (plain ended) Note: Gutter prices are inclusive of Union Connectors.					
	115mm (4.5")	HRS40/3MA/QZ	134.09	HRS40/3MA/COP	127.74
	125mm (5")	HRS50/3MA/QZ	143.27	HRS50/3MA/COP	142.71
	150mm (6")			HRS60/3MA/COP	215.98
UNION CONNECTOR					
 *N.B. QUARTZ ZINC COLOUR COATED GALVANISED STEEL	115mm (4.5")	HRS40/UC/QZ*	12.08	HRS40/UC/COP	15.81
	125mm (5")	HRS50/UC/QZ*	12.08	HRS50/UC/COP	16.28
	150mm (6")			HRS60/UC/COP	24.07
PUSH FIT STOP-ENDS					
	115mm (4.5")	HRS40/SE/QZ	3.24	HRS40/SE/COP	7.80
	125mm (5")	HRS50/SE/QZ	3.35	HRS50/SE/COP	8.17
	150mm (6")			HRS60/SE/COP	13.07
WRAP AROUND GUTTER OUTLET					
	115mm (4.5")	HRS40/RO80/QZ	27.91	HRS40/RO80/COP	21.48
	125mm (5")	HRS50/RO80/QZ	28.43	HRS50/RO80/COP	22.74
	150mm (6")			HRS60/RO100/COP	48.79

ZINC & COPPER RAINWATER SYSTEM					
ZINC & COPPER GUTTERS	EXTERNAL & INTERNAL ANGLES, FASCIA BRACKETS, RAFTER BRACKETS, ADJUSTABLE GUTTER BRACKETS				
Description	Nom. Size	Code Zinc	Price Zinc	Code Copper	Price Copper
90° EXTERNAL ANGLE Note: Inclusive of Union Connectors.					
	115mm (4")	HRS40/EA90A/QZ	49.01	HRS40/EA90A/COP	62.85
	125mm (5")	HRS50/EA90A/QZ	50.03	HRS50/EA90A/COP	63.32
	150mm (6")			HRS60/EA90A/COP	80.57
90° INTERNAL ANGLE Note: Inclusive of Union Connectors.					
 *N.B. QUARTZ ZINC COLOUR COATED GALVANISED STEEL	115mm (4")	HRS40/IA90A/QZ	49.01	HRS40/IA90A/COP	62.85
	125mm (5")	HRS50/IA90A/QZ	51.22	HRS50/IA90A/COP	63.32
	150mm (6")			HRS60/IA90A/COP	69.59
FASCIA BRACKET					
	115mm (4")	HRS40/FB/QZ*	6.46	HRS40/FB/COP	8.30
	125mm (5")	HRS50/FB/QZ*	6.46	HRS50/FB/COP	8.99
	150mm (6")			HRS60/FB/COP	11.39
TOP FIX RAFTER BRACKET					
	115mm (4")			HRS40/RB/TF/COP	18.94
	125mm (5")			HRS50/RB/TF/COP	26.79
	150mm (6")			HRS60/RB/TF/COP	28.97

ZINC & COPPER RAINWATER SYSTEM					
DOWNPIPES	DOWNPIPES, DP CONNECTORS, 70° OFFSET BENDS, 90° OFFSET BENDS, 72° BRANCHES				
Description	Nom. Size	Code Zinc	Price Zinc	Code Copper	Price Copper
DOWNPIPE (plain ended)					
 Length 3000 mm	80mm (3½")	SRW1/3M/QZ	132.21	SRW1/3M/COP	129.97
	100mm (4")			SRW2/3M/COP	198.61
DOWNPIPE CONNECTION					
 + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/DC/QZ	7.99	SRW1/DC/COP	8.99
	100mm (4")			SRW2/DC/COP	11.92
OFFSET BEND 70° (single socket)					
 + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/OSB/70/QZ	16.16	SRW1/OSB/70/COP	16.05
	100mm (4")			SRW2/OSB/70/COP	22.92
OFFSET BEND 90° (single socket)					
	80mm (3½")	SRW1/OSB/90/QZ	23.65	SRW1/OSB/90/COP	16.05
	100mm (4")			SRW2/OSB/90/COP	22.92
BRANCH 72°					
	80mm (3½")	SRW1/BR/72/QZ	75.14	SRW1/BR/72/COP	49.72
	100mm (4")			SRW2/BR/72/COP	65.10

ZINC & COPPER RAINWATER SYSTEM					
DOWNPIPES	RAINWATER DIVERTORS, FIXED OFFSETS, SHOES, PIPE CLIPS, HOPPER HEADS				
Description	Nom. Size	Code Zinc	Price Zinc	Code Copper	Price Copper
RAINWATER DIVERTER					
 + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/RDIV/QZ	54.86	SRW1/RDIV/COP	62.77
	100mm (4")			SRW2/RDIV/COP	73.49
FIXED OFFSET					
 + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/FOS/60/QZ	25.70	SRW1/FOS/60/COP	32.28
	100mm (4")			SRW2/FOS/60/COP	41.86
SHOE					
	80mm (3½")	SRW1/SH/QZ	19.23	SRW1/SH/COP	24.76
	100mm (4")			SRW2/SH/COP	32.08
PIPE CLIP					
 *N.B. QUARTZ ZINC COLOUR COATED GALVANISED STEEL	80mm (3½")	SRW1/PC/QZ*	9.18	SRW1/PC/COP	9.82
	100mm (4")			SRW2/PC/COP	13.45
HOPPER HEAD					
 W 200 x D 200 x H 200mm W 250 x D 250 x H 390mm + Non stocked item contact customer services for lead time	80mm (3½")	SRW1/HH/GSR/QZ	144.13	SRW1/HH/GSR/COP	261.50
	100mm (4")			SRW2/HH/GSR/COP	282.76

SKYLINE

FASCIA SOFFIT COPINGS

SKYLINE® RANGE

Alumasc Skyline is a leading manufacturer of aluminium fascia, soffit and complimentary rainwater systems.

With over 30 years in the industry our products are widely recognised by architects, specifiers, contractors and developers. Skyline includes fascia and soffits, copings, cills and surrounds and all available in high quality, in-house, BBA certified process for powder coated aluminium.

Contact us for more information about our Fascias, Soffits, Cills & Surrounds, Bull Nose & Anti Climb ranges.

Fascias



Soffits



Copings



Cills & Surrounds



Bull Nose - Anti Climb



Column Casings



SKYLINE ALUMINIUM COPING SYSTEM



The Skyline Coping system in either Standard flat or Sloped provides an economical and easily installed capping to upstand parapets, in conjunction with flat or pitched roofs. The strap fixing method avoids penetration of the capping, whilst allowing ventilation over the top of the wall.

Applications

- Provides a totally weatherproof covering to upstand parapets as fixing method does not penetrate the skyline coping
- Suitable for new buildings and retrofit

Features & Performance

- Attractive, clean lines are maintained as fixings are not visible on the surface of the Skyline Coping
- The fixing strap profile allows ventilation over the top of the wall whilst remaining weatherproof
- Material thickness and fixing mechanism gives excellent rigidity
- Lightweight, durable and non-corrodible
- Coefficient of linear thermal expansion is $23 \times 10^{-6} \text{mm/m/}^{\circ}\text{C}$
- A gap of 3-4mm should be left between Skyline copings sections to accommodate for thermal expansion
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- 100% recyclable
- Standard flat coping or sloping coping available

Manufacture

- UK manufactured
- Skyline Coping are fabricated from 2mm or 3mm thick aluminium alloy sheet, depending on width
- Fixing straps are pressed 3mm aluminium with extruded EPDM seals bonded to the top surface
- All fabricated fittings (90° corners, irregular corners, stop ends, closed ends, upstands, 90° tee junctions) are mitred, welded and have a smooth finish on the front face
- A waterproof membrane will be required beneath the Skyline coping to provide an effective seal

Installation & Fixings

- Simple and quick to install
- In most cases fixing can be carried out from the roof so no external access is required making it particularly suitable for renovation work
- Minimal maintenance requirements



Colours & Finishes

- BBA approved process for factory applied polyester powder coatings
- 26 standard colours with additional BS or RAL colours available to special order



Skyline Standard Coping



2mm Thickness			3mm Thickness		
Overall Wall Thickness	Coping Width		Overall Wall Thickness	Coping Width	
91-120mm	182	SL12	451-480mm	542	SL48
121-150mm	212	SL15	481-510mm	572	SL51
151-180mm	242	SL18	511-540mm	602	SL54
181-210mm	272	SL21	541-570mm	632	SL57
201-240mm	302	SL24	571-600mm	662	SL60
241-270mm	332	SL27	601-630mm	392	SL63
271-300mm	362	SL30	631-660mm	722	SL66
301-330mm	392	SL33	661-690mm	752	SL69
331-360mm	422	SL36	691-720mm	782	SL72
361-390mm	452	SL39	721-750mm	812	SL75
391-420mm	482	SL42	751-780mm	842	SL78
421-450mm	512	SL45	781-810mm	872	SL81
			811-840mm	902	SL84
			841-870mm	932	SL87
			871-900mm	962	SL90
			901-930mm	992	SL93
			931-960mm	1022	SL96

Skyline Sloping Coping



2mm Thickness			3mm Thickness		
Overall Wall Thickness	Coping Width		Overall Wall Thickness	Coping Width	
91-120mm	182	SL12	451-480mm	542	SL48
121-150mm	212	SL15	481-510mm	572	SL51
151-180mm	242	SL18	511-540mm	602	SL54
181-210mm	272	SL21	541-570mm	632	SL57
201-240mm	302	SL24	571-600mm	662	SL60
241-270mm	332	SL27	601-630mm	392	SL63
271-300mm	362	SL30	631-660mm	722	SL66
301-330mm	392	SL33	661-690mm	752	SL69
331-360mm	422	SL36	691-720mm	782	SL72
361-390mm	452	SL39	721-750mm	812	SL75
391-420mm	482	SL42	751-780mm	842	SL78
421-450mm	512	SL45	781-810mm	872	SL81
			811-840mm	902	SL84
			841-870mm	932	SL87
			871-900mm	962	SL90
			901-930mm	992	SL93
			931-960mm	1022	SL96

ALUMINIUM COPING SYSTEM

SKYLINE STANDARD COPING

SKYLINE STANDARD COPING SYSTEM COPING

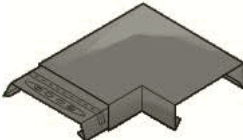
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
COPING Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.					
	91-120	182	SL12/3MPPC	POA	POA
	121-150	212	SL15/3MPPC	POA	POA
	151-180	242	SL18/3MPPC	POA	POA
	181-210	272	SL21/3MPPC	POA	POA
	201-240	302	SL24/3MPPC	POA	POA
	241-270	332	SL27/3MPPC	POA	POA
	271-300	362	SL30/3MPPC	POA	POA
	301-330	392	SL33/3MPPC	POA	POA
	331-360	422	SL36/3MPPC	POA	POA
	361-390	452	SL39/3MPPC	POA	POA
	391-420	482	SL42/3MPPC	POA	POA
	421-450	512	SL45/3MPPC	POA	POA
	451-480	542	SL48/3MPPC	POA	POA
	481-510	572	SL51/3MPPC	POA	POA
	511-540	602	SL54/3MPPC	POA	POA
	541-570	632	SL57/3MPPC	POA	POA
	571-600	662	SL60/3MPPC	POA	POA
	601-630	392	SL63/3MPPC	POA	POA
	631-660	722	SL66/3MPPC	POA	POA
	661-690	752	SL69/3MPPC	POA	POA
	691-720	782	SL72/3MPPC	POA	POA
	721-750	812	SL75/3MPPC	POA	POA
	751-780	842	SL78/3MPPC	POA	POA
	781-810	872	SL81/3MPPC	POA	POA
	811-840	902	SL84/3MPPC	POA	POA
	841-870	932	SL87/3MPPC	POA	POA
	871-900	962	SL90/3MPPC	POA	POA
	901-930	992	SL93/3MPPC	POA	POA
	931-960	1022	SL96/3MPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE STANDARD COPING

SKYLINE STANDARD COPING SYSTEM ANGLES

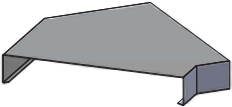
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
90°ANGLE					
	91-120	182	SL12/90PPC	POA	POA
	121-150	212	SL15/90PPC	POA	POA
	151-180	242	SL18/90PPC	POA	POA
	181-210	272	SL21/90PPC	POA	POA
	201-240	302	SL24/90PPC	POA	POA
	241-270	332	SL27/90PPC	POA	POA
	271-300	362	SL30/90PPC	POA	POA
	301-330	392	SL33/90PPC	POA	POA
	331-360	422	SL36/90PPC	POA	POA
	361-390	452	SL39/90PPC	POA	POA
	391-420	482	SL42/90PPC	POA	POA
	421-450	512	SL45/90PPC	POA	POA
	451-480	542	SL48/90PPC	POA	POA
	481-510	572	SL51/90PPC	POA	POA
	511-540	602	SL54/90PPC	POA	POA
	541-570	632	SL57/90PPC	POA	POA
	571-600	662	SL60/90PPC	POA	POA
	601-630	392	SL63/90PPC	POA	POA
	631-660	722	SL66/90PPC	POA	POA
	661-690	752	SL69/90PPC	POA	POA
	691-720	782	SL72/90PPC	POA	POA
	721-750	812	SL75/90PPC	POA	POA
	751-780	842	SL78/90PPC	POA	POA
	781-810	872	SL81/90PPC	POA	POA
	811-840	902	SL84/90PPC	POA	POA
	841-870	932	SL87/90PPC	POA	POA
	871-900	962	SL90/90PPC	POA	POA
	901-930	992	SL93/90PPC	POA	POA
	931-960	1022	SL96/90PPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE STANDARD COPING

SKYLINE STANDARD COPING SYSTEM ANGLES

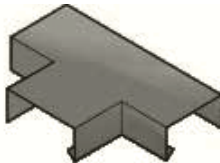
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
135° ANGLE					
	91-120	182	SL12/135PPC	POA	POA
	121-150	212	SL15/135PPC	POA	POA
	151-180	242	SL18/135PPC	POA	POA
	181-210	272	SL21/135PPC	POA	POA
	201-240	302	SL24/135PPC	POA	POA
	241-270	332	SL27/135PPC	POA	POA
	271-300	362	SL30/135PPC	POA	POA
	301-330	392	SL33/135PPC	POA	POA
	331-360	422	SL36/135PPC	POA	POA
	361-390	452	SL39/135PPC	POA	POA
	391-420	482	SL42/135PPC	POA	POA
	421-450	512	SL45/135PPC	POA	POA
	451-480	542	SL48/135PPC	POA	POA
	481-510	572	SL51/135PPC	POA	POA
	511-540	602	SL54/135PPC	POA	POA
	541-570	632	SL57/135PPC	POA	POA
	571-600	662	SL60/135PPC	POA	POA
	601-630	392	SL63/135PPC	POA	POA
	631-660	722	SL66/135PPC	POA	POA
	661-690	752	SL69/135PPC	POA	POA
	691-720	782	SL72/135PPC	POA	POA
	721-750	812	SL75/135PPC	POA	POA
	751-780	842	SL78/135PPC	POA	POA
	781-810	872	SL81/135PPC	POA	POA
	811-840	902	SL84/135PPC	POA	POA
	841-870	932	SL87/135PPC	POA	POA
	871-900	962	SL90/135PPC	POA	POA
	901-930	992	SL93/135PPC	POA	POA
	931-960	1022	SL96/135PPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE STANDARD COPING

SKYLINE STANDARD COPING SYSTEM ANGLES

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
PAINTED T JUNCTION					
	91-120	182	SL12/TJPPC	POA	POA
	121-150	212	SL15/TJPPC	POA	POA
	151-180	242	SL18/TJPPC	POA	POA
	181-210	272	SL21/TJPPC	POA	POA
	201-240	302	SL24/TJPPC	POA	POA
	241-270	332	SL27/TJPPC	POA	POA
	271-300	362	SL30/TJPPC	POA	POA
	301-330	392	SL33/TJPPC	POA	POA
	331-360	422	SL36/TJPPC	POA	POA
	361-390	452	SL39/TJPPC	POA	POA
	391-420	482	SL42/TJPPC	POA	POA
	421-450	512	SL45/TJPPC	POA	POA
	451-480	542	SL48/TJPPC	POA	POA
	481-510	572	SL51/TJPPC	POA	POA
	511-540	602	SL54/TJPPC	POA	POA
	541-570	632	SL57/TJPPC	POA	POA
	571-600	662	SL60/TJPPC	POA	POA
	601-630	392	SL63/TJPPC	POA	POA
	631-660	722	SL66/TJPPC	POA	POA
	661-690	752	SL66/TJPPC	POA	POA
	691-720	782	SL72/TJPPC	POA	POA
	721-750	812	SL75/TJPPC	POA	POA
	751-780	842	SL78/TJPPC	POA	POA
	781-810	872	SL81/TJPPC	POA	POA
	811-840	902	SL84/TJPPC	POA	POA
	841-870	932	SL87/TJPPC	POA	POA
	871-900	962	SL90/TJPPC	POA	POA
	901-930	992	SL93/TJPPC	POA	POA
	931-960	1022	SL96/TJPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE STANDARD COPING

SKYLINE STANDARD COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
PAINTED STOP END					
	91-120	182	SL12/CSPPC	POA	POA
	121-150	212	SL15/CSPPC	POA	POA
	151-180	242	SL18/CSPPC	POA	POA
	181-210	272	SL21/CSPPC	POA	POA
	201-240	302	SL24/CSPPC	POA	POA
	241-270	332	SL27/CSPPC	POA	POA
	271-300	362	SL30/CSPPC	POA	POA
	301-330	392	SL33/CSPPC	POA	POA
	331-360	422	SL36/CSPPC	POA	POA
	361-390	452	SL39/CSPPC	POA	POA
	391-420	482	SL42/CSPPC	POA	POA
	421-450	512	SL45/CSPPC	POA	POA
	451-480	542	SL48/CSPPC	POA	POA
	481-510	572	SL51/CSPPC	POA	POA
	511-540	602	SL54/CSPPC	POA	POA
	541-570	632	SL57/CSPPC	POA	POA
	571-600	662	SL60/CSPPC	POA	POA
	601-630	392	SL63/CSPPC	POA	POA
	631-660	722	SL66/CSPPC	POA	POA
	661-690	752	SL69/CSPPC	POA	POA
	691-720	782	SL72/CSPPC	POA	POA
	721-750	812	SL75/CSPPC	POA	POA
	751-780	842	SL78/CSPPC	POA	POA
	781-810	872	SL81/CSPPC	POA	POA
	811-840	902	SL84/CSPPC	POA	POA
	841-870	932	SL87/CSPPC	POA	POA
	871-900	962	SL90/CSPPC	POA	POA
	901-930	992	SL93/CSPPC	POA	POA
	931-960	1022	SL96/CSPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE STANDARD COPING

SKYLINE STANDARD COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
PAINTED UPSTAND					
	91-120	182	SL12/USPPC	POA	POA
	121-150	212	SL15/USPPC	POA	POA
	151-180	242	SL18/USPPC	POA	POA
	181-210	272	SL21/USPPC	POA	POA
	201-240	302	SL24/USPPC	POA	POA
	241-270	332	SL27/USPPC	POA	POA
	271-300	362	SL30/USPPC	POA	POA
	301-330	392	SL33/USPPC	POA	POA
	331-360	422	SL36/USPPC	POA	POA
	361-390	452	SL39/USPPC	POA	POA
	391-420	482	SL42/USPPC	POA	POA
	421-450	512	SL45/USPPC	POA	POA
	451-480	542	SL48/USPPC	POA	POA
	481-510	572	SL51/USPPC	POA	POA
	511-540	602	SL54/USPPC	POA	POA
	541-570	632	SL57/USPPC	POA	POA
	571-600	662	SL60/USPPC	POA	POA
	601-630	392	SL63/USPPC	POA	POA
	631-660	722	SL66/USPPC	POA	POA
	661-690	752	SL69/USPPC	POA	POA
	691-720	782	SL72/USPPC	POA	POA
	721-750	812	SL75/USPPC	POA	POA
	751-780	842	SL78/USPPC	POA	POA
	781-810	872	SL81/USPPC	POA	POA
	811-840	902	SL84/USPPC	POA	POA
	841-870	932	SL87/USPPC	POA	POA
	871-900	962	SL90/USPPC	POA	POA
	901-930	992	SL93/USPPC	POA	POA
	931-960	1022	SL96/USPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE STANDARD COPING

SKYLINE STANDARD COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
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PAINTED FIXING STRAP



91-120	182	SL12/FSPPC	POA	POA
121-150	212	SL15/FSPPC	POA	POA
151-180	242	SL18/FSPPC	POA	POA
181-210	272	SL21/FSPPC	POA	POA
201-240	302	SL24/FSPPC	POA	POA
241-270	332	SL27/FSPPC	POA	POA
271-300	362	SL30/FSPPC	POA	POA
301-330	392	SL33/FSPPC	POA	POA
331-360	422	SL36/FSPPC	POA	POA
361-390	452	SL39/FSPPC	POA	POA
391-420	482	SL42/FSPPC	POA	POA
421-450	512	SL45/FSPPC	POA	POA
451-480	542	SL48/FSPPC	POA	POA
481-510	572	SL51/FSPPC	POA	POA
511-540	602	SL54/FSPPC	POA	POA
541-570	632	SL57/FSPPC	POA	POA
571-600	662	SL60/FSPPC	POA	POA
601-630	392	SL63/FSPPC	POA	POA
631-660	722	SL66/FSPPC	POA	POA
661-690	752	SL69/FSPPC	POA	POA
691-720	782	SL72/FSPPC	POA	POA
721-750	812	SL75/FSPPC	POA	POA
751-780	842	SL78/FSPPC	POA	POA
781-810	872	SL81/FSPPC	POA	POA
811-840	902	SL84/FSPPC	POA	POA
841-870	932	SL87/FSPPC	POA	POA
871-900	962	SL90/FSPPC	POA	POA
901-930	992	SL93/FSPPC	POA	POA
931-960	1022	SL96/FSPPC	POA	POA

Note: SL12 – SL42 is 2mm thickness, SL48 – SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE SLOPING COPING

SKYLINE SLOPING COPING SYSTEM COPING

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
COPING Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.					
 3.0m Lengths	91-120	182	SC12/3MPPC	POA	POA
	121-150	212	SC15/3MPPC	POA	POA
	151-180	242	SC18/3MPPC	POA	POA
	181-210	272	SC21/3MPPC	POA	POA
	201-240	302	SC24/3MPPC	POA	POA
	241-270	332	SC27/3MPPC	POA	POA
	271-300	362	SC30/3MPPC	POA	POA
	301-330	392	SC33/3MPPC	POA	POA
	331-360	422	SC36/3MPPC	POA	POA
	361-390	452	SC39/3MPPC	POA	POA
	391-420	482	SC42/3MPPC	POA	POA
	421-450	512	SC45/3MPPC	POA	POA
	451-480	542	SC48/3MPPC	POA	POA
	481-510	572	SC51/3MPPC	POA	POA
	511-540	602	SC54/3MPPC	POA	POA
	541-570	632	SC57/3MPPC	POA	POA
	571-600	662	SC60/3MPPC	POA	POA
	601-630	392	SC63/3MPPC	POA	POA
	631-660	722	SC66/3MPPC	POA	POA
	661-690	752	SC69/3MPPC	POA	POA
	691-720	782	SC72/3MPPC	POA	POA
	721-750	812	SC75/3MPPC	POA	POA
	751-780	842	SC78/3MPPC	POA	POA
	781-810	872	SC81/3MPPC	POA	POA
	811-840	902	SC84/3MPPC	POA	POA
	841-870	932	SC87/3MPPC	POA	POA
	871-900	962	SC90/3MPPC	POA	POA
	901-930	992	SC93/3MPPC	POA	POA
	931-960	1022	SC96/3MPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE SLOPING COPING

SKYLINE SLOPING COPING SYSTEM ANGLES

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
90° EXTERNAL ANGLE					
	91-120	182	SC12/EA90PPC	POA	POA
	121-150	212	SC15/EA90PPC	POA	POA
	151-180	242	SC18/EA90PPC	POA	POA
	181-210	272	SC21/EA90PPC	POA	POA
	201-240	302	SC24/EA90PPC	POA	POA
	241-270	332	SC27/EA90PPC	POA	POA
	271-300	362	SC30/EA90PPC	POA	POA
	301-330	392	SC33/EA90PPC	POA	POA
	331-360	422	SC36/EA90PPC	POA	POA
	361-390	452	SC39/EA90PPC	POA	POA
	391-420	482	SC42/EA90PPC	POA	POA
	421-450	512	SC45/EA90PPC	POA	POA
	451-480	542	SC48/EA90PPC	POA	POA
	481-510	572	SC51/EA90PPC	POA	POA
	511-540	602	SC54/EA90PPC	POA	POA
	541-570	632	SC57/EA90PPC	POA	POA
	571-600	662	SC60/EA90PPC	POA	POA
	601-630	392	SC63/EA90PPC	POA	POA
	631-660	722	SC66/EA90PPC	POA	POA
	661-690	752	SC69/EA90PPC	POA	POA
	691-720	782	SC72/EA90PPC	POA	POA
	721-750	812	SC75/EA90PPC	POA	POA
	751-780	842	SC78/EA90PPC	POA	POA
	781-810	872	SC81/EA90PPC	POA	POA
	811-840	902	SC84/EA90PPC	POA	POA
	841-870	932	SC87/EA90PPC	POA	POA
	871-900	962	SC90/EA90PPC	POA	POA
	901-930	992	SC93/EA90PPC	POA	POA
	931-960	1022	SC96/EA90PPC	POA	POA

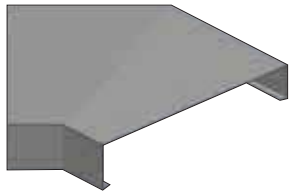
Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM					
SKYLINE SLOPING COPING	SKYLINE SLOPING COPING SYSTEM ANGLES				
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
90° INTERNAL ANGLE					
	91-120	182	SC12/IA90PPC	POA	POA
	121-150	212	SC15/IA90PPC	POA	POA
	151-180	242	SC18/IA90PPC	POA	POA
	181-210	272	SC21/IA90PPC	POA	POA
	201-240	302	SC24/IA90PPC	POA	POA
	241-270	332	SC27/IA90PPC	POA	POA
	271-300	362	SC30/IA90PPC	POA	POA
	301-330	392	SC33/IA90PPC	POA	POA
	331-360	422	SC36/IA90PPC	POA	POA
	361-390	452	SC39/IA90PPC	POA	POA
	391-420	482	SC42/IA90PPC	POA	POA
	421-450	512	SC45/IA90PPC	POA	POA
	451-480	542	SC48/IA90PPC	POA	POA
	481-510	572	SC51/IA90PPC	POA	POA
	511-540	602	SC54/IA90PPC	POA	POA
	541-570	632	SC57/IA90PPC	POA	POA
	571-600	662	SC60/IA90PPC	POA	POA
	601-630	392	SC63/IA90PPC	POA	POA
	631-660	722	SC66/IA90PPC	POA	POA
	661-690	752	SC69/IA90PPC	POA	POA
	691-720	782	SC72/IA90PPC	POA	POA
	721-750	812	SC75/IA90PPC	POA	POA
	751-780	842	SC78/IA90PPC	POA	POA
	781-810	872	SC81/IA90PPC	POA	POA
	811-840	902	SC84/IA90PPC	POA	POA
	841-870	932	SC87/IA90PPC	POA	POA
	871-900	962	SC90/IA90PPC	POA	POA
	901-930	992	SC93/IA90PPC	POA	POA
	931-960	1022	SC96/IA90PPC	POA	POA

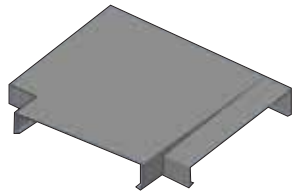
Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM					
SKYLINE SLOPING COPING	SKYLINE SLOPING COPING SYSTEM ANGLES				
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
135° EXTERNAL ANGLE					
	91-120	182	SC12/EA135PPC	POA	POA
	121-150	212	SC15/EA135PPC	POA	POA
	151-180	242	SC18/EA135PPC	POA	POA
	181-210	272	SC21/EA135PPC	POA	POA
	201-240	302	SC24/EA135PPC	POA	POA
	241-270	332	SC27/EA135PPC	POA	POA
	271-300	362	SC30/EA135PPC	POA	POA
	301-330	392	SC33/EA135PPC	POA	POA
	331-360	422	SC36/EA135PPC	POA	POA
	361-390	452	SC39/EA135PPC	POA	POA
	391-420	482	SC42/EA135PPC	POA	POA
	421-450	512	SC45/EA135PPC	POA	POA
	451-480	542	SC48/EA135PPC	POA	POA
	481-510	572	SC51/EA135PPC	POA	POA
	511-540	602	SC54/EA135PPC	POA	POA
	541-570	632	SC57/EA135PPC	POA	POA
	571-600	662	SC60/EA135PPC	POA	POA
	601-630	392	SC63/EA135PPC	POA	POA
	631-660	722	SC66/EA135PPC	POA	POA
	661-690	752	SC69/EA135PPC	POA	POA
	691-720	782	SC72/EA135PPC	POA	POA
	721-750	812	SC75/EA135PPC	POA	POA
	751-780	842	SC78/EA135PPC	POA	POA
	781-810	872	SC81/EA135PPC	POA	POA
	811-840	902	SC84/EA135PPC	POA	POA
	841-870	932	SC87/EA135PPC	POA	POA
	871-900	962	SC90/EA135PPC	POA	POA
	901-930	992	SC93/EA135PPC	POA	POA
	931-960	1022	SC96/EA135PPC	POA	POA

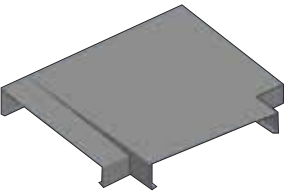
Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM					
SKYLINE SLOPING COPING	SKYLINE SLOPING COPING SYSTEM ANGLES				
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
135° INTERNAL ANGLE					
	91-120	182	SC12/IA135PPC	POA	POA
	121-150	212	SC15/IA135PPC	POA	POA
	151-180	242	SC18/IA135PPC	POA	POA
	181-210	272	SC21/IA135PPC	POA	POA
	201-240	302	SC24/IA135PPC	POA	POA
	241-270	332	SC27/IA135PPC	POA	POA
	271-300	362	SC30/IA135PPC	POA	POA
	301-330	392	SC33/IA135PPC	POA	POA
	331-360	422	SC36/IA135PPC	POA	POA
	361-390	452	SC39/IA135PPC	POA	POA
	391-420	482	SC42/IA135PPC	POA	POA
	421-450	512	SC45/IA135PPC	POA	POA
	451-480	542	SC48/IA135PPC	POA	POA
	481-510	572	SC51/IA135PPC	POA	POA
	511-540	602	SC54/IA135PPC	POA	POA
	541-570	632	SC57/IA135PPC	POA	POA
	571-600	662	SC60/IA135PPC	POA	POA
	601-630	392	SC63/IA135PPC	POA	POA
	631-660	722	SC66/IA135PPC	POA	POA
	661-690	752	SC69/IA135PPC	POA	POA
	691-720	782	SC72/IA135PPC	POA	POA
	721-750	812	SC75/IA135PPC	POA	POA
	751-780	842	SC78/IA135PPC	POA	POA
	781-810	872	SC81/IA135PPC	POA	POA
	811-840	902	SC84/IA135PPC	POA	POA
	841-870	932	SC87/IA135PPC	POA	POA
	871-900	962	SC90/IA135PPC	POA	POA
	901-930	992	SC93/IA135PPC	POA	POA
	931-960	1022	SC96/IA135PPC	POA	POA

Note: SL12 – SL42 is 2mm thickness, SL48 – SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM					
SKYLINE SLOPING COPING	SKYLINE SLOPING COPING SYSTEM ANGLES				
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
RIGHT HAND T JUNCTION					
	91-120	182	SC12/RHTJPPC	POA	POA
	121-150	212	SC15/RHTJPPC	POA	POA
	151-180	242	SC18/RHTJPPC	POA	POA
	181-210	272	SC21/RHTJPPC	POA	POA
	201-240	302	SC24/RHTJPPC	POA	POA
	241-270	332	SC27/RHTJPPC	POA	POA
	271-300	362	SC30/RHTJPPC	POA	POA
	301-330	392	SC33/RHTJPPC	POA	POA
	331-360	422	SC36/RHTJPPC	POA	POA
	361-390	452	SC39/RHTJPPC	POA	POA
	391-420	482	SC42/RHTJPPC	POA	POA
	421-450	512	SC45/RHTJPPC	POA	POA
	451-480	542	SC48/RHTJPPC	POA	POA
	481-510	572	SC51/RHTJPPC	POA	POA
	511-540	602	SC54/RHTJPPC	POA	POA
	541-570	632	SC57/RHTJPPC	POA	POA
	571-600	662	SC60/RHTJPPC	POA	POA
	601-630	392	SC63/RHTJPPC	POA	POA
	631-660	722	SC66/RHTJPPC	POA	POA
	661-690	752	SC69/RHTJPPC	POA	POA
	691-720	782	SC72/RHTJPPC	POA	POA
	721-750	812	SC75/RHTJPPC	POA	POA
	751-780	842	SC78/RHTJPPC	POA	POA
	781-810	872	SC81/RHTJPPC	POA	POA
	811-840	902	SC84/RHTJPPC	POA	POA
	841-870	932	SC87/RHTJPPC	POA	POA
	871-900	962	SC90/RHTJPPC	POA	POA
	901-930	992	SC93/RHTJPPC	POA	POA
	931-960	1022	SC96/RHTJPPC	POA	POA

Note: SL12 – SL42 is 2mm thickness, SL48 – SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM					
SKYLINE SLOPING COPING	SKYLINE SLOPING COPING SYSTEM ANGLES				
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
LEFT HAND T JUNCTION					
	91-120	182	SC12/LHTJPPC	POA	POA
	121-150	212	SC15/LHTJPPC	POA	POA
	151-180	242	SC18/LHTJPPC	POA	POA
	181-210	272	SC21/LHTJPPC	POA	POA
	201-240	302	SC24/LHTJPPC	POA	POA
	241-270	332	SC27/LHTJPPC	POA	POA
	271-300	362	SC30/LHTJPPC	POA	POA
	301-330	392	SC33/LHTJPPC	POA	POA
	331-360	422	SC36/LHTJPPC	POA	POA
	361-390	452	SC39/LHTJPPC	POA	POA
	391-420	482	SC42/LHTJPPC	POA	POA
	421-450	512	SC42/LHTJPPC	POA	POA
	451-480	542	SC48/LHTJPPC	POA	POA
	481-510	572	SC51/LHTJPPC	POA	POA
	511-540	602	SC54/LHTJPPC	POA	POA
	541-570	632	SC57/LHTJPPC	POA	POA
	571-600	662	SC60/LHTJPPC	POA	POA
	601-630	392	SC63/LHTJPPC	POA	POA
	631-660	722	SC66/LHTJPPC	POA	POA
	661-690	752	SC66/LHTJPPC	POA	POA
	691-720	782	SC72/LHTJPPC	POA	POA
	721-750	812	SC75/LHTJPPC	POA	POA
	751-780	842	SC78/LHTJPPC	POA	POA
	781-810	872	SC81/LHTJPPC	POA	POA
	811-840	902	SC84/LHTJPPC	POA	POA
	841-870	932	SC87/LHTJPPC	POA	POA
	871-900	962	SC90/LHTJPPC	POA	POA
	901-930	992	SC93/LHTJPPC	POA	POA
	931-960	1022	SC96/LHTJPPC	POA	POA

Note: SL12 – SL42 is 2mm thickness, SL48 – SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM					
SKYLINE SLOPING COPING	SKYLINE SLOPING COPING SYSTEM ANGLES				
Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
STANDARD TO SLOPING T JUNCTION					
	91-120	182	SC12/FLTJPPC	POA	POA
	121-150	212	SC15/FLTJPPC	POA	POA
	151-180	242	SC18/FLTJPPC	POA	POA
	181-210	272	SC21/FLTJPPC	POA	POA
	201-240	302	SC24/FLTJPPC	POA	POA
	241-270	332	SC27/FLTJPPC	POA	POA
	271-300	362	SC30/FLTJPPC	POA	POA
	301-330	392	SC33/FLTJPPC	POA	POA
	331-360	422	SC36/FLTJPPC	POA	POA
	361-390	452	SC39/FLTJPPC	POA	POA
	391-420	482	SC42/FLTJPPC	POA	POA
	421-450	512	SC42/FLTJPPC	POA	POA
	451-480	542	SC48/FLTJPPC	POA	POA
	481-510	572	SC51/FLTJPPC	POA	POA
	511-540	602	SC54/FLTJPPC	POA	POA
	541-570	632	SC57/FLTJPPC	POA	POA
	571-600	662	SC60/FLTJPPC	POA	POA
	601-630	392	SC63/FLTJPPC	POA	POA
	631-660	722	SC66/FLTJPPC	POA	POA
	661-690	752	SC66/FLTJPPC	POA	POA
	691-720	782	SC72/FLTJPPC	POA	POA
	721-750	812	SC75/FLTJPPC	POA	POA
	751-780	842	SC78/FLTJPPC	POA	POA
	781-810	872	SC81/FLTJPPC	POA	POA
	811-840	902	SC84/FLTJPPC	POA	POA
	841-870	932	SC87/FLTJPPC	POA	POA
	871-900	962	SC90/FLTJPPC	POA	POA
	901-930	992	SC93/FLTJPPC	POA	POA
	931-960	1022	SC96/FLTJPPC	POA	POA

Note: SL12 – SL42 is 2mm thickness, SL48 – SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE SLOPING COPING

SKYLINE SLOPING COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
RIGHT HAND STOP END					
	91-120	182	SC12/RHCSPPC	POA	POA
	121-150	212	SC15/RHCSPPC	POA	POA
	151-180	242	SC18/RHCSPPC	POA	POA
	181-210	272	SC21/RHCSPPC	POA	POA
	201-240	302	SC24/RHCSPPC	POA	POA
	241-270	332	SC27/RHCSPPC	POA	POA
	271-300	362	SC30/RHCSPPC	POA	POA
	301-330	392	SC33/RHCSPPC	POA	POA
	331-360	422	SC36/RHCSPPC	POA	POA
	361-390	452	SC39/RHCSPPC	POA	POA
	391-420	482	SC42/RHCSPPC	POA	POA
	421-450	512	SC45/RHCSPPC	POA	POA
	451-480	542	SC48/RHCSPPC	POA	POA
	481-510	572	SC51/RHCSPPC	POA	POA
	511-540	602	SC54/RHCSPPC	POA	POA
	541-570	632	SC57/RHCSPPC	POA	POA
	571-600	662	SC60/RHCSPPC	POA	POA
	601-630	392	SC63/RHCSPPC	POA	POA
	631-660	722	SC66/RHCSPPC	POA	POA
	661-690	752	SC69/RHCSPPC	POA	POA
	691-720	782	SC72/RHCSPPC	POA	POA
	721-750	812	SC75/RHCSPPC	POA	POA
	751-780	842	SC78/RHCSPPC	POA	POA
	781-810	872	SC81/RHCSPPC	POA	POA
	811-840	902	SC84/RHCSPPC	POA	POA
	841-870	932	SC87/RHCSPPC	POA	POA
	871-900	962	SC90/RHCSPPC	POA	POA
	901-930	992	SC93/RHCSPPC	POA	POA
	931-960	1022	SC96/RHCSPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE SLOPING COPING

SKYLINE SLOPING COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
LEFT HAND STOP END					
	91-120	182	SC12/LHCSPPC	POA	POA
	121-150	212	SC15/LHCSPPC	POA	POA
	151-180	242	SC18/LHCSPPC	POA	POA
	181-210	272	SC21/LHCSPPC	POA	POA
	201-240	302	SC24/LHCSPPC	POA	POA
	241-270	332	SC27/LHCSPPC	POA	POA
	271-300	362	SC30/LHCSPPC	POA	POA
	301-330	392	SC33/LHCSPPC	POA	POA
	331-360	422	SC36/LHCSPPC	POA	POA
	361-390	452	SC39/LHCSPPC	POA	POA
	391-420	482	SC42/LHCSPPC	POA	POA
	421-450	512	SC45/LHCSPPC	POA	POA
	451-480	542	SC48/LHCSPPC	POA	POA
	481-510	572	SC51/LHCSPPC	POA	POA
	511-540	602	SC54/LHCSPPC	POA	POA
	541-570	632	SC57/LHCSPPC	POA	POA
	571-600	662	SC60/LHCSPPC	POA	POA
	601-630	392	SC63/LHCSPPC	POA	POA
	631-660	722	SC66/LHCSPPC	POA	POA
	661-690	752	SC69/LHCSPPC	POA	POA
	691-720	782	SC72/LHCSPPC	POA	POA
	721-750	812	SC75/LHCSPPC	POA	POA
	751-780	842	SC78/LHCSPPC	POA	POA
	781-810	872	SC81/LHCSPPC	POA	POA
	811-840	902	SC84/LHCSPPC	POA	POA
	841-870	932	SC87/LHCSPPC	POA	POA
	871-900	962	SC90/LHCSPPC	POA	POA
	901-930	992	SC93/LHCSPPC	POA	POA
	931-960	1022	SC96/LHCSPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE SLOPING COPING

SKYLINE SLOPING COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
RIGHT HAND UPSTAND					
	91-120	182	SC12/RHUSPPC	POA	POA
	121-150	212	SC15/RHUSPPC	POA	POA
	151-180	242	SC18/RHUSPPC	POA	POA
	181-210	272	SC21/RHUSPPC	POA	POA
	201-240	302	SC24/RHUSPPC	POA	POA
	241-270	332	SC27/RHUSPPC	POA	POA
	271-300	362	SC30/RHUSPPC	POA	POA
	301-330	392	SC33/RHUSPPC	POA	POA
	331-360	422	SC36/RHUSPPC	POA	POA
	361-390	452	SC39/RHUSPPC	POA	POA
	391-420	482	SC42/RHUSPPC	POA	POA
	421-450	512	SC45/RHUSPPC	POA	POA
	451-480	542	SC48/RHUSPPC	POA	POA
	481-510	572	SC51/RHUSPPC	POA	POA
	511-540	602	SC54/RHUSPPC	POA	POA
	541-570	632	SC57/RHUSPPC	POA	POA
	571-600	662	SC60/RHUSPPC	POA	POA
	601-630	392	SC63/RHUSPPC	POA	POA
	631-660	722	SC66/RHUSPPC	POA	POA
	661-690	752	SC69/RHUSPPC	POA	POA
	691-720	782	SC72/RHUSPPC	POA	POA
	721-750	812	SC75/RHUSPPC	POA	POA
	751-780	842	SC78/RHUSPPC	POA	POA
	781-810	872	SC81/RHUSPPC	POA	POA
	811-840	902	SC84/RHUSPPC	POA	POA
	841-870	932	SC87/RHUSPPC	POA	POA
	871-900	962	SC90/RHUSPPC	POA	POA
	901-930	992	SC93/RHUSPPC	POA	POA
	931-960	1022	SC96/RHUSPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE SLOPING COPING

SKYLINE SLOPING COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
LEFT HAND UPSTAND					
	91-120	182	SC12/LHUSPPC	POA	POA
	121-150	212	SC15/LHUSPPC	POA	POA
	151-180	242	SC18/LHUSPPC	POA	POA
	181-210	272	SC21/LHUSPPC	POA	POA
	201-240	302	SC24/LHUSPPC	POA	POA
	241-270	332	SC27/LHUSPPC	POA	POA
	271-300	362	SC30/LHUSPPC	POA	POA
	301-330	392	SC33/LHUSPPC	POA	POA
	331-360	422	SC36/LHUSPPC	POA	POA
	361-390	452	SC39/LHUSPPC	POA	POA
	391-420	482	SC42/LHUSPPC	POA	POA
	421-450	512	SC45/LHUSPPC	POA	POA
	451-480	542	SC48/LHUSPPC	POA	POA
	481-510	572	SC51/LHUSPPC	POA	POA
	511-540	602	SC54/LHUSPPC	POA	POA
	541-570	632	SC57/LHUSPPC	POA	POA
	571-600	662	SC60/LHUSPPC	POA	POA
	601-630	392	SC63/LHUSPPC	POA	POA
	631-660	722	SC66/LHUSPPC	POA	POA
	661-690	752	SC69/LHUSPPC	POA	POA
	691-720	782	SC72/LHUSPPC	POA	POA
	721-750	812	SC75/LHUSPPC	POA	POA
	751-780	842	SC78/LHUSPPC	POA	POA
	781-810	872	SC81/LHUSPPC	POA	POA
	811-840	902	SC84/LHUSPPC	POA	POA
	841-870	932	SC87/LHUSPPC	POA	POA
	871-900	962	SC90/LHUSPPC	POA	POA
	901-930	992	SC93/LHUSPPC	POA	POA
	931-960	1022	SC96/RHUSPPC	POA	POA

Note: SL12 - SL42 is 2mm thickness, SL48 - SL96 is 3mm thickness.

ALUMINIUM COPING SYSTEM

SKYLINE SLOPING COPING

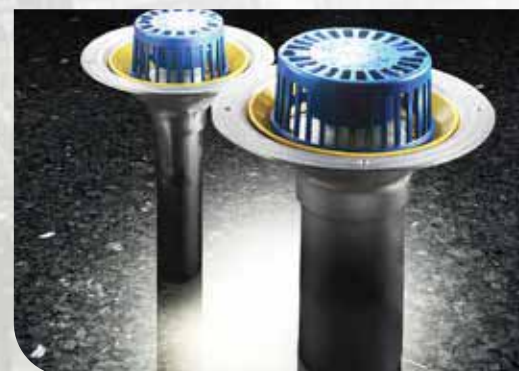
SKYLINE SLOPING COPING SYSTEM STOPPED/CLOSED ENDS

Description	Overall Wall Thickness	Overall Coping Width	Code	Price MILL £	Price PPC £
FIXING STRAP					
	91-120	182	SC12/FSPPC	POA	N/A
	121-150	212	SC15/FSPPC	POA	N/A
	151-180	242	SC18/FSPPC	POA	N/A
	181-210	272	SC21/FSPPC	POA	N/A
	201-240	302	SC24/FSPPC	POA	N/A
	241-270	332	SC27/FSPPC	POA	N/A
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	451-480	542	SC48/FSPPC	POA	N/A
	481-510	572	SC51/FSPPC	POA	N/A
	511-540	602	SC54/FSPPC	POA	N/A
	541-570	632	SC57/FSPPC	POA	N/A
	571-600	662	SC60/FSPPC	POA	N/A
	601-630	392	SC63/FSPPC	POA	N/A
	631-660	722	SC66/FSPPC	POA	N/A
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	781-810	872	SC81/FSPPC	POA	N/A
	811-840	902	SC84/FSPPC	POA	N/A
	841-870	932	SC87/FSPPC	POA	N/A
	871-900	962	SC90/FSPPC	POA	N/A
	901-930	992	SC93/FSPPC	POA	N/A
	931-960	1022	SC96/FSPPC	POA	N/A

Note: SL12 – SL42 is 2mm thickness, SL48 – SL96 is 3mm thickness.

HARMER

BUILDING DRAINAGE



HARMER

Harmer SML Above & Below Ground Socketless Soil & Waste System

A lightweight cast iron, dry jointed, socketless pipework system for use both above and below ground applications.

ABOVE GROUND



See page 180

BELOW GROUND



See page 180

Harmer Roof Outlets & Deck Supports

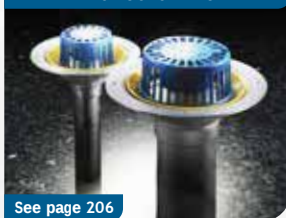
The Harmer roof range offers an unrivalled choice of roof outlets which combines innovative engineering and high performance materials for use with all types of waterproofing systems and building construction.

ALUMINIUM ROOF OUTLETS



See page 196

EXTENDED SPIGOTS RANGE



See page 206

CAST IRON ROOF OUTLETS



See page 218

MODULOCK PEDESTAL SUPPORTS & NON COMBUSTIBLE PEDESTAL SUPPORTS



See page 228

MODULOCK CHANNEL DRAIN RANGE



See page 234

Harmer Floor Drains

A comprehensive range of Cast Iron, Stainless Steel floor drains to suit virtually any interior drainage application, the Harmer Floor Drain range sets new standards in quality, versatility and performance.

CAST IRON FLOOR DRAINS



See page 242

STAINLESS STEEL FLOOR DRAINS



See page 264

DIRECT CONNECTION GRATINGS



See page 274

Shower Drains & Stainless Steel Channels

A new generation of super compact gullies designed and engineered to cater for high and fast volumes of water in modern bathroom and wet room environments.

SHOWER DRAINS - ALUMINIUM



See page 282

SHOWER DRAINS - ABS



See page 292

MODULAR 120 CHANNELS



See page 296

HARMER

BUILDING DRAINAGE

HARMER SML

SOCKETLESS SOIL & WASTE SYSTEM

A market leading above and below ground cast iron soil and waste system with a comprehensive range of pipes, fittings and accessories which are fully compliant with BS EN 877 and CE mark conformity.



The Harmer SML above and below ground lightweight cast iron pipework system is a dry-jointed pipework system at the leading edge of cast iron technology. BBA Agrément Certified and fully compliant with BS EN 877 and with CE Mark conformity. With its comprehensive range of fittings and accessories, SML is the ideal soil and waste system which can also be used for rainwater installations.

Applications

- A complete internal soil and waste pipework system from rain to drain
- Covers installation from pipework connection to stacks and underground sewer connections
- Also suited to rainwater installations in conjunction with Harmer Roof Outlets
- Pipes available in standard 3m lengths, in diameters of 50mm to 400mm
- Choice of ductile or stainless steel couplings

Performance

- Agrément certified no. 05/4191 (above) and meets European Standard BS EN 877
- CE Mark: European product conformity to harmonised standard BS EN 877 in accordance with Construction Products Regulation 2013
- Kitemark accreditation (KM 613802) compliance in accordance with BS EN 877: +A1: 2006
- Lightweight, strong and durable
- Excellent noise attenuation, tested to BS EN 14366: 2004
- Non-combustible - fire protection collars not necessary
- High tensile strength
- Inherent resistance to external accidental damage and vandalism
- Quick to assemble
- 100% recyclable

Installation & Fixing

- Assembled by means of twin THREADED couplings
- Secure socketless fixing between pipe and fitting
- No special installation equipment required
- Epoxy coatings ensure pipes and fittings need minimal maintenance over lifetime of installation

Materials & Finishes

- Pipes and fittings manufactured in grey iron to DIN 1691 (exceeds BS 1452 Grade 150 ISO 185 Grade 15)
- Couplings are manufactured in stainless steel and ductile cast iron
- Above ground pipes exterior have a primer coat, minimum thickness 40 µm
- Below ground pipes exterior have a thermal spray zinc coating, surface density at least 130g/m²
- Pipes interior have an epoxy coating with a minimum thickness of 120 µm
- Fittings are coated externally and internally with an epoxy coating, minimum thickness 60 µm



LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML

PIPES AND COUPLINGS

Description Dia Code List Price £ Code List Price £

PIPES (3m Length)

Above Ground

Below Ground



50	660004	75.92			
70	660094	86.87			
100	660184	103.17			
125	660274	168.32			
150	660364	202.85	232057		266.82
200	660454	339.14	232058		451.75
250	660654	491.18	232095		664.58
300	660664	610.72	232097		827.75
400	660604	1,292.26	232100		1,257.62

DUO COUPLING



50	3140/50	10.78			
70	3140/70	11.93			
100	3140/100	15.57			
125	3140/125	23.86			
150	3140/150	31.18	3140/150		31.18
200	3140/200	69.62	3140/200		69.62
250	3140/250	117.29	3140/250		117.29
300	3140/300	124.24	3140/300		124.24
400			100307		528.85

* Supplied as standard with electrical continuity spur.

TWO PART DUCTILE IRON COUPLING



50	235849	11.46			
70	235526	12.66			
100	235537	17.55			
150	235358	33.44			
200	235527	74.09	235363		103.10

GRIP COUPLING



50	3176/50	19.10			
70	3176/70	23.44			
100	3176/100	29.24			
125	3176/125	29.77			
150	3176/150	50.62			
200	3176/200	105.88			

RAPID COUPLING WITH COMBI GRIP COLLAR



50	218592/COMBI	39.06			
70	218593/COMBI	42.80			
100	214405/COMBI	44.52			
125	218594/COMBI	64.39			
150	218595/COMBI	73.71			
200	659556/COMBI	122.05			

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML

COUPLINGS AND BRACKETRY

Description Dia Code List Price £ Code List Price £

AXILOCK S HIGH PRESSURE COUPLINGS

Above Ground

Below Ground



50	ALS050	167.81			
70	ALS070	173.71			
100	ALS100	189.53			
125	ALS125	319.40			
150	ALS150	368.55			
200	ALS200	697.55			
250	ALS250	746.50			
300	ALS300	1,147.77			
400	ALS400	1,359.62			

DUCTILE BRACKET



50	DB050	10.42			
70	DB070	10.42			
100	DB100	11.97		DB100BG	13.47
150	DB150	22.38		DB150BG	25.54
200	DB200	83.03		DB200BG	97.59

ADAPTOR COUPLINGS



Note: Adapts lightweight 'soil' to conventional drain'.

70	3151/070075	24.54			
100	3102/100	33.67			
150	3102/150	74.04			

OPTIMAL BRACKET



50	220012	7.66			
70	220013	10.11			
100	220014	12.52			
125	220015	19.20			
150	220016	22.63			
200	220011	33.22			

STANDPIPE SUPPORT BRACKET



70	3363070	71.39			
100	3363100	54.38			
125	3363125	94.63			
150	3363150	78.11			

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)					
HARMER SML		BRACKETRY			
Description	Dia	Code	List Price £	Code	List Price £
Pipe Support Bracket		Above Ground			
	50	666365	110.46		
	70	666385	114.80		
	100	666395	121.30		
	125	666435	129.96		
	150	666445	145.13		
OPTIMAL HD BRACKET		Above Ground		Below Ground	
	100	33143116	23.92		
	125	33143140	38.15		
	150	33143169	43.02		
	200	33143213	43.17		
	250	33163275	76.67		
	300	33163325	103.99		
BRACKET ACCESSORIES					
	Acoustic Dampener (db-fix)	6697005	63.33		
STACK PIPE SUPPORT BRACKET - For vertical pipework applications					
	70	4323/70	40.46		
	100	4323/100	57.49		
	125	4323/125	61.77		
	150	4323/150	68.09		
	200	4323/200	69.93		

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)							
HARMER SML		BENDS					
Description	Dia	Code	List Price £	Code	List Price £		
SINGLE BEND		Above Ground		Below Ground			
	15°	50	661004	19.10			
		70	661064	21.72			
		100	661124	25.60		232059	30.25
		125	661184	45.19			
		150	661244	46.39		232065	54.33
	30°	200	661304	131.80			
		50	661014	19.10			
		70	661074	21.72			
		100	661134	25.60		232060	30.25
		125	661194	45.19			
	45°	150	661254	46.39	232066	54.33	
		200	661314	131.80			
		250	661364	263.77			
		300	661384	370.25			
		50	661024	19.10			
	68°	70	661084	21.72			
		100	661144	25.60	232061	30.25	
		125	661204	45.19			
		150	661264	46.39	232067	54.33	
		200	661324	131.80	232070	157.71	
	88°	250	661374	263.77	232103	314.86	
		300	661394	370.25	232104	428.31	
		400*	661284	838.94			
		50	661034	19.10			
		70	661094	21.72			
		100	661154	25.60			
		125	661214	45.19			
		150	661274	46.39			
		200	661334	131.80			
		50	661054	19.10			
		70	661114	21.72			
		100	661174	25.60			
		125	661234	45.19			
		150	661294	46.39			
		200	662784	131.80			
		250	233621	439.21			
		300	233622	487.12			

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)						
HARMER SML		BENDS AND OFFSETS				
Description	Dia	Code	List Price £	Code	List Price £	
REST BEND		Above Ground		Below Ground		
	100	100263	99.91	232110	87.98	
	150			232150	216.89	
LONG TAIL DOUBLE BEND						
	88°	70	662734	70.29		
		100	662744	77.29		
		125	662754	112.89		
		150	662764	162.98		
LONG AND MEDIUM BEND						
	22° Long Radius Bend	100			21210022	53.78
	45° Medium Radius Bend	100			21210045	53.39
		150			21215045	132.84
	88° Long Radius Bend	100	235125L	81.34	232105	70.93
	Medium Radius Bend	150	235126L	205.23	232106	212.96
SHORT DOUBLE BEND						
	88°	50	661484	26.32		
		70	661494	37.87		
		100	661504	61.41		
		125	661514	93.09		
		150	661524	129.27		
BEND WITH LONG TAILS						
	45°	70	662054	42.97		
		100	662074	45.19		
	88°	70	662064	42.97		
		100	662084	45.19		
	135°	100	662774	82.56		
OFFSET						
	65mm	100	662864	54.33		
	130mm	100	662874	65.03		
	200mm	100	662884	74.69		
CLEANING ARM						
	45°	100		212100CA	150.88	

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)						
HARMER SML		BRANCHES				
Description	Dia	Code	List Price £	Code	List Price £	
SINGLE BRANCHES		Above Ground			Below Ground	
	45 °	50 x 50	664004	31.04		
		70 x 50	663034	32.92		
		70 x 70	663064	32.92		
		100 x 50	663094	44.20		
		100 x 70	663124	44.20		
		100 x 100	663154	41.26	232077	48.73
		125 x 50	663184	53.22		
		125 x 70	663214	68.19		
		125 x 100	663244	98.41		
		125 x 125	663274	98.41		
		150 x 70	663334	98.43		
		150 x 100	663364	96.51	232080	114.49
		150 x 125	663394	120.06		
		150 x 150	663424	97.65		
		200 x 70	663484	183.78		
		200 x 100	663514	247.03		
		200 x 125	663544	247.03		
		200 x 150	663574	244.32		
		200 x 200	663604	265.48	232086	317.88
		250 x 100	663634	572.33		
		250 x 125	664504	572.33		
		250 x 150	664514	571.21		
		250 x 200	663644	591.19		
		250 x 250	663654	591.19	232111	709.26

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML

BRANCHES

Description Dia Code List Price £ Code List Price £

SINGLE BRANCHES continued

Above Ground

Below Ground



45°

300 x 100

663664

696.22

300 x 125

664524

709.16

300 x 150

664534

685.20

300 x 200

664444

764.49

300 x 250

663674

764.49

300 x 300

663684

764.49

232112

1,023.13

*400mm dia single branch is available on request

400* x 300

663694

1,326.07



68°

50 x 50

663014

31.04

70 x 50

663044

32.92

70 x 70

663074

32.92

100 x 50

663104

44.20

100 x 70

663134

44.20

100 x 100

663164

44.20

125 x 50

663194

53.22

125 x 100

663254

98.41

150 x 100

663374

98.43

150 x 125

663404

120.06

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML

BRANCHES

Description Dia Code List Price £ Code List Price £

SINGLE BRANCHES continued

Above Ground

Below Ground



88°

50 x 50

663024

31.04

70 x 50

663054

32.92

70 x 70

663084

32.92

100 x 50

663114

44.20

100 x 70

663144

44.20

100 x 100

663174*

41.78

232113

48.73

125 x 50

663204

53.22

125 x 70

663234

68.19

125 x 100

663264

98.43

125 x 125

663294

98.43

150 x 50

663324

98.43

150 x 100

663384

98.43

232114

95.43

150 x 125

663414

120.06

150 x 150

663444

99.62

232115

106.06

*Note: product code 663174 is available with a 250mm long spigot and when this is required the code becomes 664454.

DOUBLE BRANCHES



45°

100 x 100 x 100

100260

68.62

232117

70.78

150 x 100 x 100

661444

178.23

232118

205.15

150 x 150 x 150

15015045D

276.41



68°

100 x 100 x 100

663864

59.73

232116

77.56



88°

125 x 100 x 100

663954

115.45

100 x 50 x 50

663814

44.20

100 x 70 x 70

663844

44.20

100 x 100 x 100

663874

59.48

232119

67.17

150 x 100 x 70

664184

POA

150 x 100 x 100

664084

157.23

SWEPT DOUBLE BRANCHES



100 x 100 x 100

100264

75.19

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML		BRANCHES, ACCESS PIPES AND BENDS				
Description		Dia	Code	List Price £	Code	List Price £
SWEPT ENTRY BRANCHES		Above Ground			Below Ground	
	88° Without Access	100	663174S	54.69		
		150	235684	179.67		
		With Access	100	663174SA	94.31	232131
CORNER BRANCHES						
	88°	100 x 70 x 70	662044	130.94		
	** Note: product code 662034 is available with a 250mm long spigot and when this is required the code becomes 664464.	100 x 100 x 100	662034**	107.96		
		125 x 100 x 100	662014	159.57		
		150 x 100 x 100	664434	159.57		
ASYMMETRICAL CORNER BRANCHES						
	Left	100 x 100 x 50	662024	112.55		
		Right	100 x 100 x 50	662114		
COMBINATION BRANCHES						
	90°	100 x 70 x 100	665834	149.72		
		100 x 100 x 100	665924	149.72		
ACCESS PIPES						
	Round	50	669580	51.00		
		70	669583	54.29		
	Rectangular	100	669586	57.18	232134	67.34
		100	669624	69.39	232096	134.78
		125	669627	109.99		
		150	669630	158.75	232099	210.91
		200	669633	358.87	232101	424.05
		250	669612	564.09	232137	688.41
		300	669615	701.81	232140	822.10
ACCESS BEND						
	88°	100	661174A	61.96		
		150	232741	123.33		
	Long	100	661174AL	80.16	232109	93.54

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML		BOSS PIPES AND END CAPS								
Description		Dia	Code	List Price £	Code	List Price £				
BOSS PIPES		Above Ground			Below Ground					
 B (Bossed)	88° Single	50 x 2” BSP	240581	42.79						
		70 x 2” BSP	663054B	42.79						
		100 x 2” BSP	663114B	53.52						
 DB (Double Bossed)	Double	150 x 2” BSP	232746	111.88						
		100 x 2” BSP	663114DB	137.26						
		150 x 2” BSP	237738	136.16						
 CB (Corner Bossed)	Corner	100 x 2” BSP	663114CB	187.96						
END CAPS										
	Blank Ends	50	665504	7.83						
		70	665514	8.21						
		100	665524	9.65					232091	11.28
		125	665534	13.64						
		150	665544	13.88	232093	16.10				
		200	665554	65.68	232094	71.97				
		250	665564	134.08	232126	146.45				
		300	665574	170.83	232127	183.77				
	Tapped	50	665504TE	14.19						
		70	665514TE	23.30						
		100	665524TE	25.44						
		150	665544TE	30.00						
		200	665554TE	129.24						
		Plug	100	664804			41.36			
			125	664814			52.15			
			150	664824			62.75			
200	664834		143.44							

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML

REDUCERS AND SUPPORTS

Description Dia Code List Price £ Code List Price £

REDUCERS

Above Ground

Below Ground



70 x 50	662504	27.59		
100 x 50	662514	34.61		
125 x 50	662534	27.59		
150 x 50	662564	40.95		
100 x 70	662524	34.61		
125 x 70	662544	34.61		
150 x 70	662574	66.32		
125 x 100	662554	34.61		
150 x 100	662584	66.32	232072	72.26
200 x 100	662604	108.43	232074	128.45
150 x 125	662594	66.32		
200 x 125	662614	108.43		
200 x 150	662624	108.43	232076	128.45
250 x 150	662634	223.35	232120	264.66
300 x 150	662494	305.33	232122	368.40
250 x 200	662644	245.88	232121	264.66
300 x 200	662714	305.33	232123	368.40
300 x 250	662724	305.33	232124	368.40
400 x 300	662444	335.59		

DOWNPIPE SUPPORTS



50	661544	35.40		
70	661554	41.71		
100	661564	46.37		
125	661574	51.42		
150	661584	73.39		
200	661594	108.18		
250	661604	334.43		
300	661614	416.30		

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML

RINGS & CONNECTORS

Description Dia Code List Price £

BEARING RINGS

Above Ground



50	666314	38.91
70	666324	45.25
100	666334	52.28
125	666344	57.44
150	666354	80.01
200	666374	108.18

SLEEVED CONNECTOR



100	662194	81.99
125	662204	94.16
150	662214	106.55

STONEWARE CONNECTOR



Note: For stoneware connection to Harmer SML pipes use the 'A' ring coupling. For connection from Harmer SML to stoneware with a female end pipe use the 'O' ring coupling.

100	664924	59.00
125	664934	89.44
150	664944	118.65
200	664954	219.60

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)					
HARMER SML		CONNECTORS, FLANGES, TRAPS AND MANIFOLDS			
Description	Dia	Code	List Price £	Code	List Price £
FLANGED CONNECTORS		Above Ground		Below Ground	
	100	665934	228.82		
	125	665944	288.80		
	150	665954	346.79		
	200	665964	543.81		
PIPE WITH WALL FLANGE					
	100	662224	202.18		
RAINWATER STENCH TRAPS					
	70	669557	410.87		
	100	669558	498.49		
	125	669559	743.61		
	150	669560	804.29		
BRANCH TRAPS					
	50	669562	116.20		
	70	669563	159.32		
	100	669564	176.84		
	125	669565	320.43		
	150	669566	350.48		
	200	669567	915.88		
PLAIN TRAP					
	100	100261	62.23	232125	56.05
MANIFOLD					
	100/4 x 42	214089	123.04		
	150/3 x 42	240417	150.17		

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)					
HARMER SML		COUPLINGS & JOINTS			
Description	Dia	Code	List Price £	Code	List Price £
KONFIX WASTE ADAPTOR		Above Ground		Below Ground	
 * Multi Coupling 	50	100270	25.40		
	70	100271	36.19		
	100	100272	46.98		
	100*	100030	88.80		

ROUND INSPECTION CHAMBERS						Above Ground		Below Ground	
	Round	100 x 100 x 45			GCSR/100100	310.11			
		150 x 100 x 45			GCSR/150100	401.88			
		150 x 150 x 45			GCSR/150150	509.91			
SQUARE AND RECTANGULAR SINGLE AND DOUBLE INSPECTION CHAMBERS									
	*Square	100 x 100 x 100			SSC100100	364.46			
		150 x 100 x 100			SSC150100	472.21			
		150 x 150 x 150			SSC150150	599.19			
	*Rectangular	100 x 100 x 100			DRC100100	717.46			
		150 x 100 x 100			DRC150100	958.99			
		150 x 150 x 150			DRC150150	1,196.50			

BELLMOUTH GULLIES				
	100		BG100	62.14
	150		BG150	102.20
BELLMOUTH SOLID PLATE				
	200		BMSP200	21.09
BELLMOUTH GRATE				
	200		BMG200	14.40
PUDDLE FLANGES				
	100		PF100	74.33
	150		PF150	96.76

LIGHTWEIGHT CAST IRON SOIL AND WASTE SYSTEM (ABOVE & BELOW)

HARMER SML

TOOLS & TOUCH UP PAINT

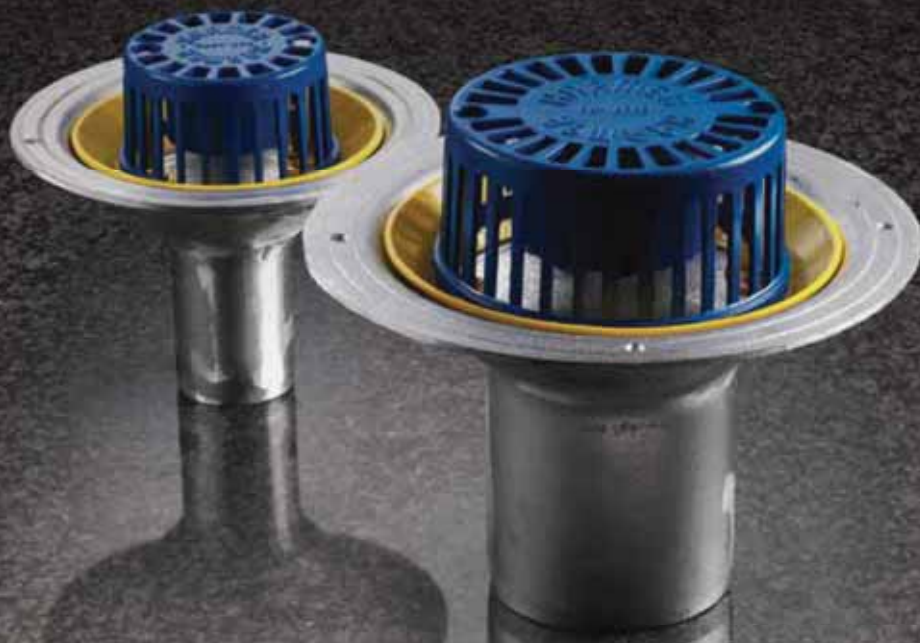
Description	Dia	Code	List Price £	
FIXING TOOLS		Above Ground		
 1/2" Drive Tools	Harmer Duomat Fixing Tool - 9Nm torque setting	3900	252.59	
	Ratchet Handle 1/2" Drive	110000	134.37	
	Torque Wrench 1/2" Drive - 4Nm - 40Nm torque range	110001	203.71	
	10mm 1/2" Drive Socket	110007	14.65	
	13mm 1/2" Drive Socket	110002	16.04	
	18mm 1/2" Drive Socket	110003	16.04	
	19mm 1/2" Drive Socket	110004	16.04	
	5mm Allen Key 1/2" Drive Socket	110008	17.87	
	6mm Allen Key 1/2" Drive Socket	110005	21.69	
	8mm Allen Key 1/2" Drive Socket	110013	23.39	
	10mm Allen Key 1/2" Drive Socket	110012	24.62	
	14mm Allen Key 1/2" Drive Socket	110014	26.00	
	10mm Flat Bit with 5/16" Hexagonal Shank	110006	11.40	
	 3/8" Drive Tools	Torque Wrench 3/8" drive - 4Nm - 20Nm torque range	110009	230.05
5mm Allen Key 3/8" Drive Socket		110010	17.32	
6mm Allen Key 3/8" Drive Socket		110011	21.05	
TOUCH UP PAINT		Above Ground	Below Ground	
	125ml Above Ground Touch Up Paint	TUPCI/RAL3009/125	TUPCI/RAL8011/125	20.47
	1 litre Below Ground Touch Up Paint	TUPCI/RAL3009	TUPCI/RAL8011	73.65

HARMER

BUILDING DRAINAGE

HARMER ALUMINIUM ROOF OUTLETS

Harmer Aluminium Roof Outlets are hydraulically engineered to ensure trouble-free performance in excess of building life, whilst offering versatility and choice for architects, specifiers and consultants.



Applications

- Provide flat roof drainage for warm, cold and inverted roofs
- For flat roof structures with insitu cast concrete, timber or lightweight metal deck construction
- Ideal for connection to continuous waterproofing systems (single layer, built up felt, mastic asphalt or single ply)
- Designed to connect to individual downpipes
- Not be used in managed rainwater systems
- THREADED outlets recommended where connection to outlet occurs within thickness of concrete slab, where a completely gas-tight seal is required
- AV® Retro-Gulley outlets available for flat roof refurbishment (removal of old rainwater outlet not necessary)
- AV® Multi-Gulley outlets available for variable angle discharge

Installation & Fixing

- Easy to handle and fix
- Minimal maintenance requirements

Performance

- Lightweight, durable and non-corrodible
- AV® outlets drain up to 40% more roof area than conventional gravity outlets
- High flow performance with increasing head of water at the outlet
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Aluminium is 100% recyclable

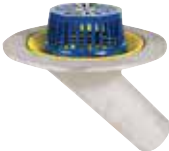
Materials & Finishes

- Precision cast in aluminium silicon alloy LM6 to BS EN 1559:2011
- The outlet body (fully concealed after installation) is in mill finish aluminium
- The grate (Blue) and clamping collar (Yellow) are polyester powder coated in blue; clamping collar is coated in yellow
- Domical grates supplied as standard; flat grates are available

ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

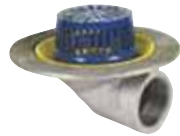
AV ALUMINIUM OUTLETS DOME AND FLAT GRATE PRODUCTS

Description	Dia	Code	List Price £	Code	List Price £	
AV VERTICAL SPIGOT OUTLET						
	Aluminium	Dome Grate		Flat Grate		
		50	AV200	129.90	AV200/F	129.90
		75	AV300	170.21	AV300/F	172.38
		100	AV400	221.69	AV400/F	241.77
		150	AV600	284.00	AV600/F	300.72
AV VERTICAL SCREW / THREADED OUTLET						
	Aluminium	50	AV200T	132.76	AV200T/F	132.76
		75	AV300T	170.21	AV300T/F	172.38
		100	AV400T	242.23	AV400T/F	258.99
		100	AV600T	290.11	AV600T/F	306.84
FOR HARMER GRATE & CLAMPING RING ASSEMBLIES FOR 50MM & 75MM AV OUTLETS (REPLACEMENT PARTS)						
Yellow Clamping Ring Small Assembly w / Fixings			200/C/ASSY		28.09	
Anti Vortex Dome Grate Small Assembly w / Fixings			AV23DG/ASSY		49.35	
Flat Grate Small 50/75mm Assembly w / Fixings			200/FG/ASSY		53.71	
HARMER GRATE & CLAMPING RING ASSEMBLIES FOR 100MM & 150MM AV OUTLETS (REPLACEMENT PARTS)						
Yellow Clamping Ring Large Assembly w / Fixings			400/C/ASSY		30.09	
Anti Vortex Dome Grate Large Assembly w / Fixings			AV46DG/ASSY		59.83	
Flat Grate Small 100/150mm Assembly w / Fixings			400/FG/ASSY		75.80	
AV RETRO GULLEY OUTLET						
	Aluminium	75	RAV75	295.44	RAV75/F	293.30
		100	RAV100	308.63	RAV100/F	306.49
AV 45° SPIGOT OUTLET						
	Aluminium	50	245	194.99	245/F	182.00
		75	345	217.55	345/F	227.46
		100	445	256.67	445/F	273.42

ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

AV ALUMINIUM OUTLETS DOME AND FLAT GRATE PRODUCTS

Description	Dia	Code	List Price £	Code	List Price £
45° SCREW / THREADED OUTLET					
	Aluminium	50	245T	250.09	245T/F 236.82
		75	345T	268.89	345T/F 250.28
		100	445T	292.73	445T/F 309.41
90° SPIGOT OUTLET					
	Aluminium	50	290	169.46	290/F 169.46
		75	390	235.12	390/F 237.29
		100	490	281.54	490/F 323.14
90° SCREW / THREADED OUTLET					
	Aluminium	50	290T	210.23	290T/F 208.79
		75	390T	227.93	390T/F 229.78
		100	490T	314.87	490T/F 331.59
		150	690T	449.01	690T/F 437.93
GRATE EXTENSION PIECE					
	Height is 128mm	50/75	2/3EP	71.69	
		100/150	4/6EP	82.02	
*Note: For use with AV and Detail Circular Outlets					
TERRACE GRATE					
	Aluminium	50/75	2/3TG	43.95	
		100/150	4/6TG	64.09	
*Note: For use with extension piece code ref: 2/3EP and 4/6EP					

*Note: For use with AV and Detail Circular Outlets

*Note: For use with extension piece code ref: 2/3EP and 4/6EP

ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

DETAIL ALUMINIUM OUTLETS Dome and Flat Grate products

Description	Dia	Code	List Price £	Code	List Price £
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ABS PLASTIC THREADED SPIGOT ADAPTOR

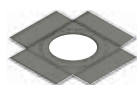


Welded extended spigots available to achieve A2 fire rating. Page 182

*Note: For use with all threaded outlets.

55 x 400	2ADP	30.15
55 x 600	2ADP/600	60.44
83 x 400	3ADP	38.96
83 x 600	3ADP/600	68.42
110 x 400	4ADP	51.56
110 x 600	4ADP/600	75.38
160 x 400	6ADP	87.13
160 x 600	6ADP/600	151.60

METAL DECK SUPPORT PLATE



50/75	SP1	62.27
100/150	SP2	69.65

TWO WAY OUTLET



Aluminium	50 Mini		2TW/M	172.52
	50		2TW	172.52
	75		3TW	222.97
	100		4TW	234.47
	150		6TW	324.40

PUSH-FIT PARAPET DOWNSPOUT



Cast Iron	110	CDS/4	143.23
Aluminium	110	ADS/4	167.96

OVERFLOW OUTLET



2/3"	50/75	OF/23	173.40
4/6"	100/150	OF/46	173.40

ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

DETAIL ALUMINIUM OUTLETS & COUPLINGS Dome and Flat Grate products

Description	Dia	Code	List Price £	Code	List Price £
-------------	-----	------	--------------	------	--------------

CAR PARK OUTLETS

Dome Grate

Flat Grate



Aluminium Flanged

100

400CP

308.14

150

600CP

355.95

Aluminium Flangeless

100

400T/DD

308.14

150

600T/DD

355.95

GULLEY OUTLET



Aluminium

75

3GO

222.10

100

4GO

232.94

TWO PART DUCTILE IRON COUPLING



50

235849

11.46

100

235537

17.55

150

235358

33.44

DUO COUPLING



50

3140/50

10.78

100

3140/100

15.57

150

3140/150

31.18

ADAPTOR COUPLINGS



75

3151/070075

24.54

ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

BALCONY OUTLETS Circular and Square Bezel and Grate products

Description Dia Code List Price £ Code List Price £

BALCONY OUTLET

Dome Grate

Flat Grate

 Aluminium	50			2BO	153.83
	75			3BO	176.86
	100			4BO	217.23

BALCONY OUTLET GRATE EXTENSION

 Aluminium Only compatible with above balcony outlet			BO/EP	94.88	
--	--	--	-------	-------	--

MINI BALCONY OUTLET

 Aluminium	50			2BO/M	130.41
	75			3BO/M	130.41

ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

BALCONY OUTLETS Concentric and star Grate products

Description Dia Code List Price £ Code List Price £

MINI BALCONY OUTLET

Concentric Grate

Star Grate

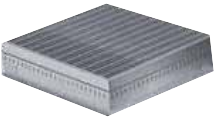
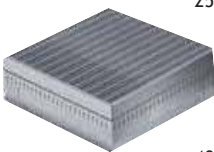
 Stainless Steel	50	2BO/M/RS	267.31	2BO/M/SS	267.31
	75	3BO/M/RS	267.31	3BO/M/SS	267.31
Star grate shown					

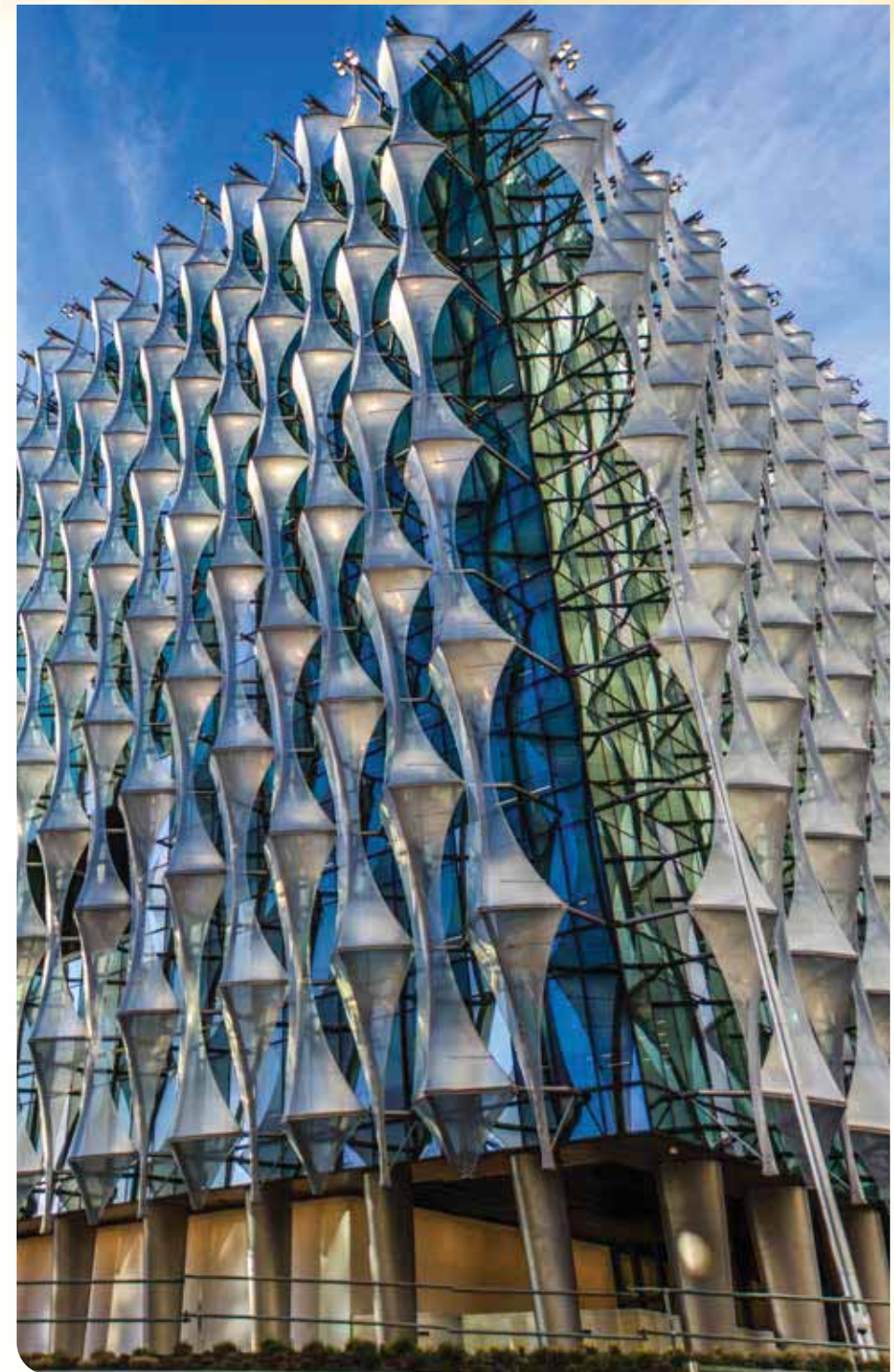
MINI BALCONY OUTLET - ADJUSTABLE THROAT

Circular Bezel & Grate

Square Bezel & Grate

 Stainless Steel	50	2BO/M/C15S	373.15	2BO/M/S15S	373.15
		Grate size: 150mm dia		Grate size: 150 x 150mm	
	50			2BO/M/S20S	478.08
				Grate size: 200 x 200mm	
	75	3BO/M/C15S	373.15	3BO/M/S15S	373.15
		Grate size: 150mm dia		Grate size: 150 x 150mm	
	75			3BO/M/S20S	478.08
				Grate size: 200 x 200mm	

ROOF DRAINAGE AND DECK SUPPORTS						
HARMER MODULOCK		ACCESS CHAMBERS				
Description	Depth	Code Galvanised	Price Galvanised	Code Stainless Steel	Price Stainless Steel	
MAINTENANCE ACCESS UNITS						
	250 x 250mm	50mm	MD24925200	76.80	MD24925300	103.30
	250 x 250mm	70 - 160mm	MD24925201	131.62	MD24925301	181.64
	250 x 250mm	100 - 160mm	MD24925202	159.67	MD24925302	183.33
	400 x 400mm	50mm	MD24940200	95.12	MD24940300	119.28
	400 x 400mm	70 - 160mm	MD24940201	132.05	MD24940301	207.21
	400 x 400mm	100 - 160mm	MD24940202	176.70	MD24940302	238.72
MAINTENANCE ACCESS UNITS GRATE TOPS						
	to suit 250 x 250mm	80mm	MD24525200	28.33	MD24525300	77.10
	to suit 400 x 400mm	80mm	MD24540200	34.56	MD24540300	111.43
CHAMBER EXTENSION						
	250x250mm	80mm	MD24925210	86.81	MD24925310	139.92
	400x400mm	80mm	MD24940210	105.33	MD24940310	182.09

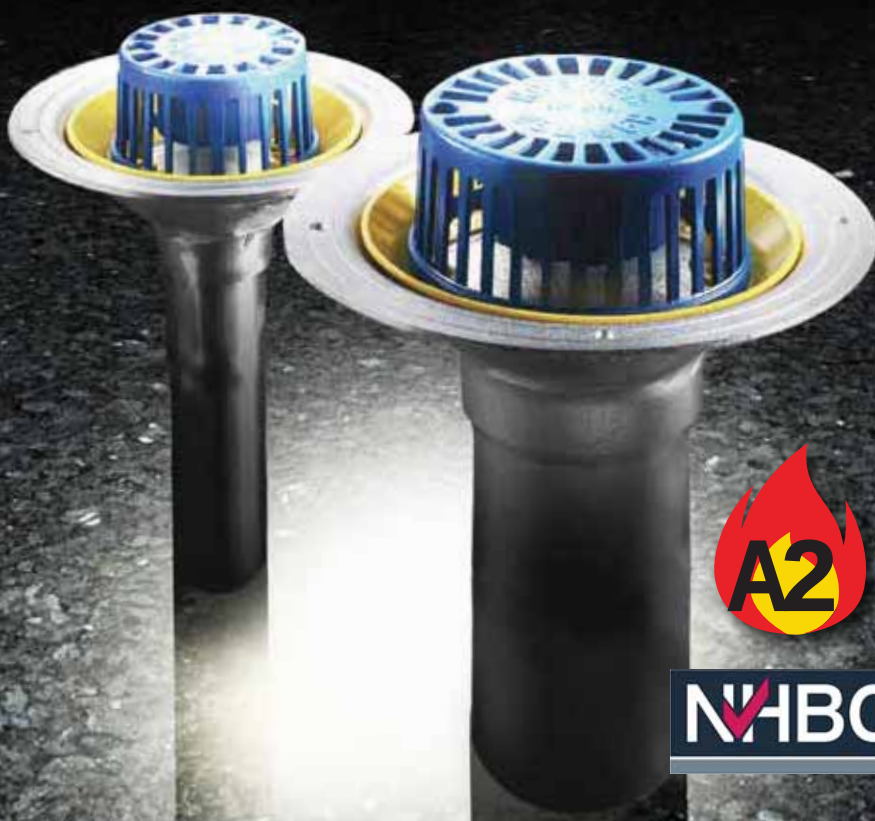


HARMER

BUILDING DRAINAGE

HARMER ALUMINIUM ROOF OUTLETS EXTENDED SPIGOTS RANGE

Harmer Aluminium Roof Outlets are hydraulically engineered to ensure trouble-free performance in excess of building life, whilst offering versatility and choice for architects, specifiers and consultants.



Compliances

Drainage flow performance to BS EN 12056. European Classification (Euroclass) A2 Fire Rated Aluminium Roof Outlet Compliant with BS 8579 - Guide to the design of balconies and terraces. A2 is in accordance with BS EN 13501-1:2018 "Fire classification of construction products and building elements. Classification using data from reaction to fire tests.

High Flow Performance

An outlet body with a deep integral sump and extended spigot in various sizes for controlled flow of water into pipe. Domical grates for Harmer AV outlets incorporate a patented baffle to prevent vortex formation and air entrapment, enabling the outlet to drain at optimum pipe capacity. The AV system provides complete reassurance which is critical to building drainage design.

Robust and Secure

Optional flat grates are available for trafficked and terraced areas. A wide choice of standard drain body variations with extended spigot connection, for vertical, horizontal or 45° discharge. The shallow sump balcony outlets incorporate stainless steel and nickel bronze grate options for enhanced appearance with alternative deck finishes.

Low Maintenance

Domical grates for Harmer outlets permit a free flow of rainwater while preventing loose chippings or debris from entering the outlet. The offset fixings of the clamping ring and domical grate to the outlet body, for both Detail and AV grates, ensures that the throat is completely unobstructed for optimised flow and to facilitate rodding.

Easy and Quick to Install

New prefabricated extended spigots range, available with either standard spigot or with Flushjoint extruded aluminium downpipe spigots. Aluminium alloy is lightweight, therefore easy to handle on site and during installation. This lightness also makes aluminium outlets suitable for a wide range of lightweight roof decks.

Value for Money

Diecast in LM6 aluminium alloy which has excellent resistance to corrosion under both atmospheric and marine conditions. Clamps and grates are polyester powder coated to BBA-approved painting process standard to further increase protection and extend product life.

Sustainable

Aluminium is 100% recyclable making it a cost effective, sustainable material. End of life Harmer Roof aluminium outlets can be recast into new aluminium products. Life expectancy of aluminium: 40 years for rural suburban areas, up to 25 years for industrial/marine areas.

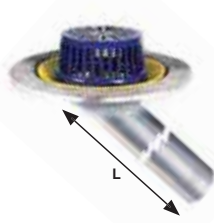
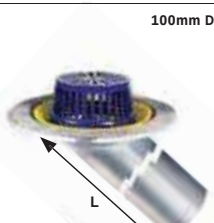
Bespoke Roof Outlet Solutions

Our innovative, problem-solving specials cover a myriad of applications in which a bespoke design creates a drainage solution in applications that would otherwise be unworkable. Our special designs have solved problems with overflow, rainwater pipework configurations, flow rates, practical constructional issues, problems with the location of pipework, compliance with Building Regulations and conformity with the requirements of bodies such as the National Housebuilding Council (NHBC).

HARMER

HARMER ALUMINIUM ROOF OUTLETS - EXTENDED SPIGOTS						
Description	Code	Extended Spigot Size (S)	List Price £	Code	Extended Spigot Size	List Price £
AV200 VERTICAL OUTLET - EXTENDED SPIGOT		Dome Grate		Flat Grate		
	AV200/EXT/200	up to 200mm	152.83	AV200/F/EXT/200	up to 200mm	152.83
	AV200/EXT/400	up to 400mm	167.62	AV200/F/EXT/400	up to 400mm	167.62
	AV200/EXT/600	up to 600mm	185.58	AV200/F/EXT/600	up to 600mm	185.58
	AV200/EXT/800	up to 800mm	199.86	AV200/F/EXT/800	up to 800mm	199.86
	AV200/EXT/1000	up to 1000mm	216.51	AV200/F/EXT/1000	up to 1000mm	216.51
AV300 VERTICAL OUTLET - EXTENDED SPIGOT		Dome Grate		Flat Grate		
	AV300/EXT/200	up to 200mm	194.54	AV300/F/EXT/200	up to 200mm	194.54
	AV300/EXT/400	up to 400mm	212.76	AV300/F/EXT/400	up to 400mm	212.76
	AV300/EXT/600	up to 600mm	226.95	AV300/F/EXT/600	up to 600mm	226.95
	AV300/EXT/800	up to 800mm	243.16	AV300/F/EXT/800	up to 800mm	243.16
	AV300/EXT/1000	up to 1000mm	261.87	AV300/F/EXT/1000	up to 1000mm	261.87
AV400 VERTICAL OUTLET - EXTENDED SPIGOT		Dome Grate		Flat Grate		
	AV400/EXT/200	up to 200mm	246.33	AV400/F/EXT/200	up to 200mm	246.33
	AV400/EXT/400	up to 400mm	260.81	AV400/F/EXT/400	up to 400mm	260.81
	AV400/EXT/600	up to 600mm	277.11	AV400/F/EXT/600	up to 600mm	277.11
	AV400/EXT/800	up to 800mm	295.59	AV400/F/EXT/800	up to 800mm	295.59
	AV400/EXT/1000	up to 1000mm	305.78	AV400/F/EXT/1000	up to 1000mm	305.78
AV600 VERTICAL OUTLET - EXTENDED SPIGOT		Dome Grate		Flat Grate		
	AV600/EXT/200	up to 200mm	307.03	AV600/F/EXT/200	up to 200mm	295.59
	AV600/EXT/400	up to 400mm	324.58	AV600/F/EXT/400	up to 400mm	305.78
	AV600/EXT/600	up to 600mm	344.25	AV600/F/EXT/600	up to 600mm	307.03
	AV600/EXT/800	up to 800mm	366.46	AV600/F/EXT/800	up to 800mm	324.58
	AV600/EXT/1000	up to 1000mm	378.68	AV600/F/EXT/1000	up to 1000mm	344.25

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM ROOF OUTLETS - EXTENDED SPIGOTS						
Description	Code	Extended Spigot Size (S)	List Price £	Code	Extended Spigot Size	List Price £
45° EXTENDED SPIGOT OUTLET		Dome Grate		Flat Grate		
	245/EXT/200	up to 200mm	371.42	245/F/EXT/200	up to 200mm	371.42
	245/EXT/400	up to 400mm	389.98	245/F/EXT/400	up to 400mm	389.98
	245/EXT/600	up to 600mm	410.51	245/F/EXT/600	up to 600mm	410.51
	245/EXT/800	up to 800mm	433.32	245/F/EXT/800	up to 800mm	433.32
	245/EXT/1000	up to 1000mm	458.81	245/F/EXT/1000	up to 1000mm	458.81
45° EXTENDED SPIGOT OUTLET		Dome Grate		Flat Grate		
	345/EXT/200	up to 200mm	394.96	345/F/EXT/200	up to 200mm	394.96
	345/EXT/400	up to 400mm	413.77	345/F/EXT/400	up to 400mm	413.77
	345/EXT/600	up to 600mm	434.45	345/F/EXT/600	up to 600mm	434.45
	345/EXT/800	up to 800mm	457.33	345/F/EXT/800	up to 800mm	457.33
	345/EXT/1000	up to 1000mm	482.72	345/F/EXT/1000	up to 1000mm	482.72
45° EXTENDED SPIGOT OUTLET		Dome Grate		Flat Grate		
	445/EXT/200	up to 200mm	427.78	445/F/EXT/200	up to 200mm	427.78
	445/EXT/400	up to 400mm	446.37	445/F/EXT/400	up to 400mm	446.37
	445/EXT/600	up to 600mm	466.66	445/F/EXT/600	up to 600mm	466.66
	445/EXT/800	up to 800mm	488.88	445/F/EXT/800	up to 800mm	488.88
	445/EXT/1000	up to 1000mm	513.33	445/F/EXT/1000	up to 1000mm	513.33

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM ROOF OUTLETS - EXTENDED SPIGOTS

Description	Code	Extended Spigot Size (S)	List Price £	Code	Extended Spigot Size	List Price £
90° EXTENDED SPIGOT OUTLET		Dome Grate		Flat Grate		
50mm Dia 	290/EXT/400	up to 400mm	356.76	290/F/EXT/400	up to 400mm	356.76
	290/EXT/600	up to 600mm	376.58	290/F/EXT/600	up to 600mm	376.58
	290/EXT/800	up to 800mm	398.73	290/F/EXT/800	up to 800mm	398.73
	290/EXT/1000	up to 1000mm	423.66	290/F/EXT/1000	up to 1000mm	423.66
90° EXTENDED SPIGOT OUTLET		Dome Grate		Flat Grate		
75mm Dia 	390/EXT/400	up to 400mm	376.19	390/F/EXT/400	up to 400mm	376.19
	390/EXT/600	up to 600mm	391.86	390/F/EXT/600	up to 600mm	391.86
	390/EXT/800	up to 800mm	408.91	390/F/EXT/800	up to 800mm	408.91
	390/EXT/1000	up to 1000mm	427.49	390/F/EXT/1000	up to 1000mm	427.49
90° EXTENDED SPIGOT OUTLET		Dome Grate		Flat Grate		
100mm Dia 	490/EXT/400	up to 400mm	402.21	490/F/EXT/400	up to 400mm	402.21
	490/EXT/600	up to 600mm	417.11	490/F/EXT/600	up to 600mm	417.11
	490/EXT/800	up to 800mm	433.15	490/F/EXT/800	up to 800mm	433.15
	490/EXT/1000	up to 1000mm	450.47	490/F/EXT/1000	up to 1000mm	450.47
90° EXTENDED SPIGOT OUTLET		Dome Grate		Flat Grate		
150mm Dia 	690/EXT/400	up to 400mm	898.03	690/F/EXT/400	up to 400mm	898.03
	690/EXT/600	up to 600mm	945.29	690/F/EXT/600	up to 600mm	945.29
	690/EXT/800	up to 800mm	997.81	690/F/EXT/800	up to 800mm	997.81
	690/EXT/1000	up to 1000mm	1,056.51	690/F/EXT/1000	up to 1000mm	1,056.51

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM MINI BALCONY ROOF OUTLETS - EXTENDED SPIGOTS

Description	Code	Extended Spigot Size (S)	List Price £
2BO MINI EXTENDED SPIGOT BALCONY OUTLET			
50mm Dia 	2BO/M/EXT/400	up to 400mm	168.27
	2BO/M/EXT/600	up to 600mm	186.31
	2BO/M/EXT/800	up to 800mm	200.63
	2BO/M/EXT/1000	up to 1000mm	217.36
3BO MINI EXTENDED SPIGOT BALCONY OUTLET			
75mm Dia 	3BO/M/EXT/400	up to 400mm	193.20
	3BO/M/EXT/600	up to 600mm	208.66
	3BO/M/EXT/800	up to 800mm	226.80
	3BO/M/EXT/1000	up to 1000mm	248.40

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM BALCONY ROOF OUTLETS - EXTENDED FLUSHJOINT SPIGOT

Description	Code	Extended Spigot Length (L)	List Price £
2BO BALCONY OUTLETS WITH EXTENDED CP25 FLUSHJOINT SPIGOT (CIRCULAR)			
	2BO/EXT/200/CP25	up to 200mm - CP25	186.47
	2BO/EXT/400/CP25	201 to 400mm - CP25	205.12
	2BO/EXT/600/CP25	401 to 600mm - CP25	219.76
	2BO/EXT/800/CP25	601 to 800mm - CP25	236.67
	2BO/EXT/1000/CP25	801 to 1000mm - CP25	256.39
3BO BALCONY OUTLETS WITH EXTENDED CP30 FLUSHJOINT SPIGOT (CIRCULAR)			
	3BO/EXT/200/CP30	up to 200mm - CP30	214.38
	3BO/EXT/400/CP30	201 to 400mm - CP30	228.22
	3BO/EXT/600/CP30	401 to 600mm - CP30	243.95
	3BO/EXT/800/CP30	601 to 800mm - CP30	262.02
	3BO/EXT/1000/CP30	801 to 1000mm - CP30	282.98
3BO BALCONY OUTLETS WITH EXTENDED CP33 FLUSHJOINT SPIGOT (SQUARE)			
	3BO/EXT/200/CP33	up to 200mm - CP33	214.38
	3BO/EXT/400/CP33	201 to 400mm - CP33	228.22
	3BO/EXT/600/CP33	401 to 600mm - CP33	243.95
	3BO/EXT/800/CP33	601 to 800mm - CP33	262.02
	3BO/EXT/1000/CP33	801 to 1000mm - CP33	282.98

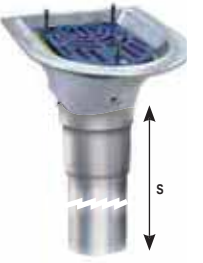
Not available as a threaded / screw outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM BALCONY ROOF OUTLETS - EXTENDED FLUSHJOINT SPIGOT

Description	Code	Extended Spigot Length (L)	List Price £
4BO BALCONY OUTLETS WITH EXTENDED FLUSHJOINT SPIGOT (CIRCULAR)			
	4BO/EXT/200/CP40	up to 200mm - CP40	255.56
	4BO/EXT/400/CP40	201 to 400mm - CP40	271.53
	4BO/EXT/600/CP40	401 to 600mm - CP40	289.64
	4BO/EXT/800/CP40	601 to 800mm - CP40	310.33
	4BO/EXT/1000/CP40	801 to 1000mm - CP40	334.19
4BO BALCONY OUTLETS WITH EXTENDED FLUSHJOINT SPIGOT (RECTANGULAR)			
	4BO/EXT/200/CP43	up to 200mm - CP43	255.56
	4BO/EXT/400/CP43	201 to 400mm - CP43	271.53
	4BO/EXT/600/CP43	401 to 600mm - CP43	289.64
	4BO/EXT/800/CP43	601 to 800mm - CP43	310.33
	4BO/EXT/1000/CP43	801 to 1000mm - CP43	334.19
4BO BALCONY OUTLETS WITH EXTENDED FLUSHJOINT SPIGOT (SQUARE)			
	4BO/EXT/200/CP44	up to 200mm - CP44	255.56
	4BO/EXT/400/CP44	201 to 400mm - CP44	271.53
	4BO/EXT/600/CP44	401 to 600mm - CP44	289.64
	4BO/EXT/800/CP44	601 to 800mm - CP44	310.33
	4BO/EXT/1000/CP44	801 to 1000mm - CP44	334.19

Not available as a threaded / screw outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM BALCONY ROOF OUTLETS - EXTENDED SPIGOT

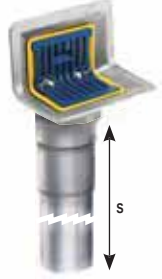
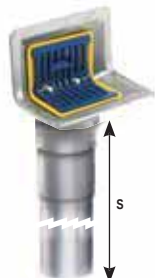
Description	Code	Extended Spigot Size (S)	List Price £
2BO BALCONY OUTLETS WITH EXTENDED SPIGOT			
	2BO/EXT/200	up to 200mm	175.82
	2BO/EXT/400	up to 400mm	192.29
	2BO/EXT/600	up to 600mm	205.12
	2BO/EXT/800	up to 800mm	219.76
	2BO/EXT/1000	up to 1000mm	236.67
3BO BALCONY OUTLETS WITH EXTENDED SPIGOT			
	3BO/EXT/200	up to 200mm	202.14
	3BO/EXT/400	up to 400mm	221.08
	3BO/EXT/600	up to 600mm	235.81
	3BO/EXT/800	up to 800mm	252.66
	3BO/EXT/1000	up to 1000mm	272.10
4BO BALCONY OUTLETS WITH EXTENDED SPIGOT			
	4BO/EXT/200	up to 200mm	241.36
	4BO/EXT/400	up to 400mm	255.56
	4BO/EXT/600	up to 600mm	271.53
	4BO/EXT/800	up to 800mm	289.64
	4BO/EXT/1000	up to 1000mm	310.33

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

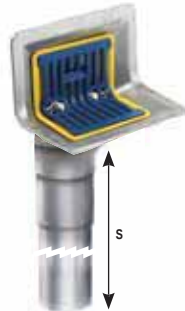
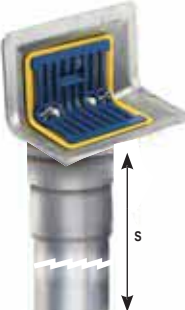
HARMER ALUMINIUM GULLY OUTLETS - EXTENDED SPIGOTS

Description	Code	Extended Spigot Size (S)	List Price £
3GO GULLY OUTLET WITH EXTENDED SPIGOT			
	3GO/EXT/200	up to 200mm	246.79
	3GO/EXT/400	up to 400mm	261.31
	3GO/EXT/600	up to 600mm	277.63
	3GO/EXT/800	up to 800mm	296.13
	3GO/EXT/1000	up to 1000mm	317.29
4GO GULLY OUTLET WITH EXTENDED SPIGOT			
	4GO/EXT/200	up to 200mm	258.83
	4GO/EXT/400	up to 400mm	274.06
	4GO/EXT/600	up to 600mm	291.18
	4GO/EXT/800	up to 800mm	310.59
	4GO/EXT/1000	up to 1000mm	332.78

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM TWO WAY ROOF OUTLETS - EXTENDED SPIGOTS			
Description	Code	Extended Spigot Size (S)	List Price £
2TW MINI TWO WAY OUTLET WITH EXTENDED SPIGOT			
	2TW/M/EXT/200	up to 200mm	197.18
	2TW/M/EXT/400	up to 400mm	215.67
	2TW/M/EXT/600	up to 600mm	230.05
	2TW/M/EXT/800	up to 800mm	246.47
	2TW/M/EXT/1000	up to 1000mm	265.44
2TW TWO WAY OUTLET WITH EXTENDED SPIGOT			
	2TW/EXT/200	up to 200mm	197.18
	2TW/EXT/400	up to 400mm	215.67
	2TW/EXT/600	up to 600mm	230.05
	2TW/EXT/800	up to 800mm	246.47
	2TW/EXT/1000	up to 1000mm	265.44
3TW TWO WAY OUTLET WITH EXTENDED SPIGOT			
	3TW/EXT/200	up to 200mm	247.75
	3TW/EXT/400	up to 400mm	262.32
	3TW/EXT/600	up to 600mm	278.72
	3TW/EXT/800	up to 800mm	297.30
	3TW/EXT/1000	up to 1000mm	318.53

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

HARMER ALUMINIUM TWO WAY ROOF OUTLETS - EXTENDED SPIGOTS			
Description	Code	Extended Spigot Size (S)	List Price £
4TW TWO WAY OUTLET WITH EXTENDED SPIGOT			
	4TW/EXT/200	up to 200mm	253.47
	4TW/EXT/400	up to 400mm	267.96
	4TW/EXT/600	up to 600mm	284.20
	4TW/EXT/800	up to 800mm	302.54
	4TW/EXT/1000	up to 1000mm	323.40
6TW TWO WAY OUTLET WITH EXTENDED SPIGOT			
	6TW/EXT/200	up to 200mm	350.71
	6TW/EXT/400	up to 400mm	370.75
	6TW/EXT/600	up to 600mm	393.22
	6TW/EXT/800	up to 800mm	405.50
	6TW/EXT/1000	up to 1000mm	418.59

Not available as a threaded / screwed outlet option - only spigot or Flushjoint options

HARMER

BUILDING DRAINAGE

HARMER CAST IRON ROOF OUTLETS

Harmer Cast Iron Roof outlets provide a practical solution to many building drainage applications. Inherently strong, cast iron is an ideal choice for load-bearing applications.



Applications

- The medium sump range is a compact outlet body in vertical and horizontal variations
- The large sump range provides a deeper sump for 100 and 150mm vertical pipe
- Two way outlet is suitable for use in a parapet wall construction
- Provide flat roof drainage for warm, cold and inverted roofs
- For flat roof structures with insitu cast concrete, timber or lightweight metal deck construction
- Ideal for use with copper and lead clad roofs where the risk of bi-metallic corrosion is high
- Load bearing applications where rainwater outlets are exposed to vehicular traffic. Ideal for connection to continuous water systems
- New Cast Iron balcony outlet range with flat or aperture grate options

Performance

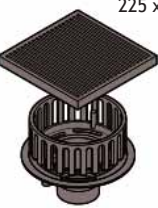
- The Harmer cast iron range is cast to BS EN 1561:2011 and are suitable for most types of flat roof drainage
- Designated load rating up to 12.5 tonnes
- Medium and large sump outlet bodies are available with varying flow rate capacity
- Cast iron has a proven track record for its longevity over the lifetime of the building
- Cast Iron is 100% recyclable

Materials & Finishes

- The crystallised nature of cast iron gives the material very high strength and robustness
- Once installed cast iron components resist impact damage even in exposed areas
- All Harmer cast iron clamps and grates are surface treated using a sherardizing zinc coating which provides an extremely hard wearing anti-corrosive finish
- Domical grates are made from UK-stable polypropylene to give long life service
- Two way outlet rectangular grate available in sherardized cast iron, nickel bronze or mill finish aluminium. Aluminium grates can be polyester powder coated upon request
- The outlet flanges only have a primer coating, so the contractor/installer should protect or coat it during installation



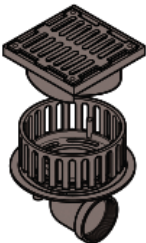
ROOF DRAINAGE AND DECK SUPPORTS					
HARMER ROOF		CAST IRON OUTLETS Dome and Flat Grate products			
Description	Dia	Code	List Price £	Code	List Price £
MEDIUM SUMP VERTICAL SPIGOT OUTLET		Dome Grate		Flat Grate	
  Flat Grate	50	C200	98.37	C200/F	98.37
	75	C300	99.30	C300/F	99.30
	100	C400	113.64	C400/F	113.64
  Flat Grate	50	C200/D	221.11	C200/DF	221.11
	75	C300/D	222.05	C300/DF	222.05
	100	C400/D	236.36	C400/DF	236.36
 220mm Circular Ductile Iron Adjustable	50			C200/ECD	165.30
	75			C300/ECD	166.24
	100			C400/ECD	180.58
 225 x 225mm Square Ductile Iron Adjustable	50			C200/ESD	155.17
	75			C300/ESD	156.09
	100			C400/ESD	170.41
 225 x 225mm Square Stainless Steel Adjustable	50			C200/ESS	307.16
	75			C300/ESS	308.09
	100			C400/ESS	322.42

ROOF DRAINAGE AND DECK SUPPORTS					
HARMER ROOF		CAST IRON OUTLETS Dome and Flat Grate products			
Description	Dia	Code	List Price £	Code	List Price £
MEDIUM SUMP VERTICAL THREADED OUTLET		Dome Grate		Flat Grate	
  Flat Grate	50	C200T	89.66	C200T/F	89.66
	75	C300T	90.11	C300T/F	90.11
	100	C400T	99.54	C400T/F	99.54
  Flat Grate	50	C200T/D	212.42	C200T/DF	212.42
	75	C300T/D	212.85	C300T/DF	212.85
	100	C400T/D	222.26	C400T/DF	222.26
 220mm Circular Ductile Iron Adjustable	50			C200T/ECD	156.64
	75			C300T/ECD	157.07
	100			C400T/ECD	166.46
 220mm Circular Ductile Iron Adjustable	50			C200T/ESD	146.49
	75			C300T/ESD	146.93
	100			C400T/ESD	156.33
 225 x 225mm Square Stainless Steel Adjustable	50			C200T/ESS	298.47
	75			C300T/ESS	298.90
	100			C400T/ESS	308.32

ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

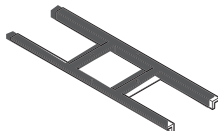
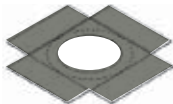
CAST IRON OUTLETS
Dome and Flat Grate products

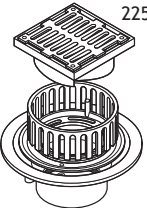
Description	Dia	Code	List Price £	Code	List Price £
MEDIUM SUMP HORIZONTAL THREADED OUTLET		Dome Grate		Flat Grate	
  Flat Grate Double Flange  Flat Grate	50	C290T	122.66	C290T/F	122.66
	75	C390T	126.94	C390T/F	126.94
	100	C490T	130.20	C490T/F	130.20
 220mm Circular Ductile Iron Adjustable	50	C290T/D	245.41	C290T/DF	245.41
	75	C390T/D	249.69	C390T/DF	249.69
	100	C490T/D	252.94	C490T/DF	252.94
 225mm Square Ductile Iron Adjustable	50			C290T/ECD	189.62
	75			C390T/ECD	193.89
	100			C490T/ECD	197.16
 225mm Square Ductile Iron Adjustable	50			C290T/ESD	179.49
	75			C390T/ESD	183.76
	100			C490T/ESD	187.01
 225mm Square Stainless Steel Adjustable	50			C290T/ESS	331.48
	75			C390T/ESS	335.75
	100			C490T/ESS	338.99

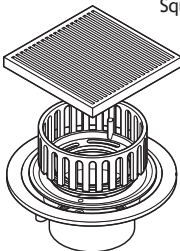
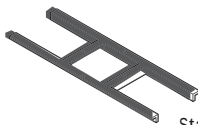
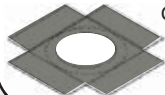
ROOF DRAINAGE AND DECK SUPPORTS

HARMER ROOF

CAST IRON OUTLETS
Dome and Flat Grate products

Description	Dia	Code	List Price £	Code	List Price £
MEDIUM SUMP GRAVEL GUARD					
	200 x 150	C4/GG/15	57.16	Dome Grate	
	200 x 200	C4/GG/20	62.98	Flat Grate	
MEDIUM SUMP OVERFLOW OUTLET					
		C4/OF	166.46		
MEDIUM SUMP UNDERDECK CLAMP					
 Mild Steel		C4/UC	34.02		
		C4/UC/SS	76.71		
MEDIUM SUMP METAL DECK SUPPORT PLATE					
 Galvanised Steel		SP1	62.27		

ROOF DRAINAGE AND DECK SUPPORTS					
HARMER ROOF		CAST IRON OUTLETS Dome and Flat Grate products			
Description	Dia	Code	List Price £	Code	List Price £
LARGE SUMP VERTICAL THREADED OUTLET		Dome Grate		Flat Grate	
  Flat Grate	100	C400LT	147.26	C400LT/F	147.26
	150	C600LT	151.63	C600LT/F	151.63
 Double Flange Flat Grate	100	C400LT/D	253.18	C400LT/DF	253.18
	150	C600LT/D	257.50	C600LT/DF	257.50
 Double Flange Square Grate	100			C400LT/DS	293.47
	150			C600LT/DS	297.80
 220mm Circular Ductile Iron Adjustable	100			C400LT/ECD	227.03
	150			C600LT/ECD	231.37
 225 x 225mm Square Ductile Iron Adjustable	100			C400LT/ESD	216.75
	150			C600LT/ESD	221.11

ROOF DRAINAGE AND DECK SUPPORTS					
HARMER ROOF		CAST IRON OUTLETS Dome and Flat Grate products			
Description	Dia	Code	List Price £	Code	List Price £
LARGE SUMP VERTICAL THREADED OUTLET (Continued)		Dome Grate		Flat Grate	
 225 x 225mm Square Stainless Steel Adjustable	100			C400LT/ESS	368.38
	150			C600LT/ESS	372.72
 323 x 323mm Square Grate	100			C400LT/S	187.67
	150			C600LT/S	192.01
LARGE SUMP GRAVEL GUARD					
	300 x 150	C6/GG/15	74.54		
	300 x 200	C6/GG/20	84.68		
LARGE SUMP UNDERDECK CLAMP					
 Mild Steel		C6/UC	38.71		
		C6/UC/SS	81.79		
Stainless Steel					
LARGE SUMP METAL DECK SUPPORT PLATE					
 Galvanised Steel		SP2	69.65		

ROOF DRAINAGE AND DECK SUPPORTS						
HARMER ROOF		CAST IRON OUTLETS Dome, Flat and Rectangular Grate products				
Description		Size	Code	List Price £	Code	List Price £
TWO WAY OUTLET		Rectangular Grate			Flat Grate	
	Cast Iron	2” BSP	CTW2/RC	75.99	CTW2/FC	75.99
	Flat Grate	3” BSP	CTW3/RC	75.99	CTW3/FC	75.99
		4” BSP	CTW4/RC	75.99	CTW4/FC	75.99
	Nickel Bronze	2” BSP	CTW2/RN	101.25		
		3” BSP	CTW3/RN	101.25		
		4” BSP	CTW4/RN	101.25		
	Aluminium	2” BSP	CTW2/RA	81.00		
		3” BSP	CTW3/RA	81.00		
		4” BSP	CTW4/RA	81.00		
BALCONY OUTLET SPIGOT		Flat Grate				
		50	C2BO	81.85	C2BO/4	81.85
		75	C3BO	81.85	C3BO/4	81.85
		100	C4BO	81.85	C4BO/4	81.85
BALCONY OUTLET BSP THREADED OUTLET		Flat Grate			Aperture Grate	
		50	C2BO/T	81.85	C2BO/T/4	81.85
		75	C3BO/T	81.85	C3BO/T/4	81.85
		100	C4BO/T	81.85	C4BO/T/4	81.85

ROOF DRAINAGE AND DECK SUPPORTS					
HARMER ROOF		CAST IRON OUTLETS AND COUPLINGS Dome, and Rectangular Grate products			
Description	Size	Code	List Price £	Code	List Price £
THREADED SPIGOT ADAPTOR		Rectangular Grate		Flat Grate	
	55 x 400	2ADP	30.15		
	55 x 600	2ADP/600	60.44		
	83 x 400	3ADP	38.96		
	83 x 600	3ADP/600	68.42		
	110 x 400	4ADP	51.56		
	110 x 600	4ADP/600	75.38		
	160 x 400	6ADP	87.13		
	160 x 600	6ADP/600	151.60		
*Note: For use with all threaded outlets.					
PUSH-FIT PARAPET DOWNSPOUT		Dia			
	Cast Iron	110	CDS/4	143.23	
	Aluminium	110	ADS/4	167.96	
TWO PART DUCTILE IRON COUPLING					
	50	235849	11.46		
	100	235537	17.55		
	150	235358	33.44		
DUO COUPLING					
	50	3140/50	10.78		
	100	3140/100	15.57		
ADAPTOR COUPLINGS					
	75	3151/070075	24.54		
PLANTER DRAIN					
	50	BVT100/PLANT/50	213.29		
	75	BVT100/PLANT/75	250.90		
	100	BVT100/PLANT/100	295.96		

HARMER

BUILDING DRAINAGE

MODULOCK® PEDESTALS SUPPORTS

A complete range of pedestal supports systems, including non-combustible options.



Non-Combustible



Non-Combustible



Harmer Modulock is a range of fully engineered raised pedestal systems for supporting paving slabs, timber or plywood decking at varying heights. The standard range is available with a self-levelling head for paving and timber decking along with a fixed head option. The new A1 fire rated non-combustible range is available with a paving or timber head option.

Applications

- Ideal for concealed drainage and the support of paving slabs, timber or sheet decking at varying heights from the sub-structure
- Designed for use in terraces, walkways, balconies and ballasted flat roof constructions
- Irregular, uneven or sloping sub-bases can usually be easily surmounted by the system resulting in a new level raised floor
- Allows for accommodation of services and pipework beneath the floor such as electricity, gas & drainage channels etc
- Modulock non-combustible pedestal supports provide A1 fire rated protection for balconies, terraces and podiums.

Performance

- Harmer Modulock comprises 15 basic modules, each with a supporting head and base component, allowing a wide range of void heights
- Modules are used either individually or in combination to give floor voids ranging from 28mm to 550mm
- The non-combustible range has 8 modules giving raised height from 25mm - 505mm
- The Modulock pedestal self-levelling head compensates for gradients up to 5%
- Fine adjustment for both height and level are possible

- Locating blades on Modulock pedestal self-levelling head assist positioning of slabs and maintaining open joints when required
- Resistant to temperatures from -40° to +120°, UV stable and resistant to acids
- Watertight and resistant to mould and freeze-thaw

Materials & Finishes

- The Modulock Pedestals are made of Polypropylene, the Self-Levelling heads also have a rubber layer on the head to provide an anti-noise and anti-slip bedding surface
- The Modulock non-combustible range is manufactured from mild steel and coated with a highly durable zinc nickel finish, providing an excellent corrosion resistance

Installation & Fixing

- Quick and easy to install and provide fast, efficient drainage through the open joints of the slabs to the concealed drainage below
- Fine adjustment of the self-levelling head can be made using the adjustment key

ROOF DRAINAGE AND DECK SUPPORTS

HARMER MODULOCK

ADJUSTABLE PAVING & DECKING SUPPORTS

Description Height Variance Type Code List Price £

ADJUSTABLE PEDESTAL

	28-38mm	Self-Levelling	MB0	5.55
		Fixed	MB0/FH	
		Timber Decking	MB0/DH	
	37.5-50mm	Self-Levelling	MB1	5.80
		Fixed	MB1/FH	
		Timber Decking	MB1/DH	
	50-75mm	Self-Levelling	MB2	6.71
		Fixed	MB2/FH	
		Timber Decking	MB2/DH	
	75-120mm	Self-Levelling	MB3	7.35
		Fixed	MB3/FH	
		Timber Decking	MB3/DH	
	120-170mm	Self-Levelling	MB4	9.19
		Fixed	MB4/FH	
		Timber Decking	MB4/DH	
	170-215mm	Self-Levelling	MB5	10.59
		Fixed	MB5/FH	
		Timber Decking	MB5/DH	
	140-230mm	Self-Levelling	MB6	11.93
		Fixed	MB6/FH	
		Timber Decking	MB6/DH	
	185-275mm	Self-Levelling	MB7	12.40
		Fixed	MB7/FH	
		Timber Decking	MB7/DH	

ROOF DRAINAGE AND DECK SUPPORTS

HARMER MODULOCK

ADJUSTABLE PAVING & DECKING SUPPORTS

Description Height Variance Type Code List Price £

ADJUSTABLE PEDESTAL

	235-325mm	Self-Levelling	MB8	12.71
		Fixed	MB8/FH	
		Timber Decking	MB8/DH	
	205-345mm	Self-Levelling	MB9	16.00
		Fixed	MB9/FH	
		Timber Decking	MB9/DH	
	250-385mm	Self-Levelling	MB10	16.49
		Fixed	MB10/FH	
		Timber Decking	MB10/DH	
	300-400mm	Self-Levelling	MB11	16.79
		Fixed	MB11/FH	
		Timber Decking	MB11/DH	
	270-455mm	Self-Levelling	MB12	20.09
		Fixed	MB12/FH	
		Timber Decking	MB12/DH	
	315-500mm	Self-Levelling	MB13	20.57
		Fixed	MB13/FH	
		Timber Decking	MB13/DH	
	365-550mm	Self-Levelling	MB14	20.87
		Fixed	MB14/FH	
		Timber Decking	MB14/DH	

ROOF DRAINAGE AND DECK SUPPORTS			
HARMER UNI-RING		PAVING & DECKING SUPPORTS	
Description	Dia	Code	List Price £
EXTENSION COUPLER			
	65-100mm	C1	4.09
SELF-LEVELLING HEAD			
	Size		
	20 x 2mm Tabs	H20/2	1.22
	20 x 3mm Tabs	H20/3	1.22
	20 x 4mm Tabs	H20/4	1.22
	12 x 2mm Tabs	H12/2	1.22
	12 x 3mm Tabs	H12/3	1.22
SELF-LEVELLING FLAT HEAD			
		H/F	1.22
ADJUSTMENT KEY			
	One needed per installation	KEY	46.13
UNI-RING			
	Dia		
	176mm	Uni-ring	1.13
UNI-SHIM			
	110mm	Uni-shim	0.29
UNI-PLUS			
	25-40mm	Uni-plus	5.48

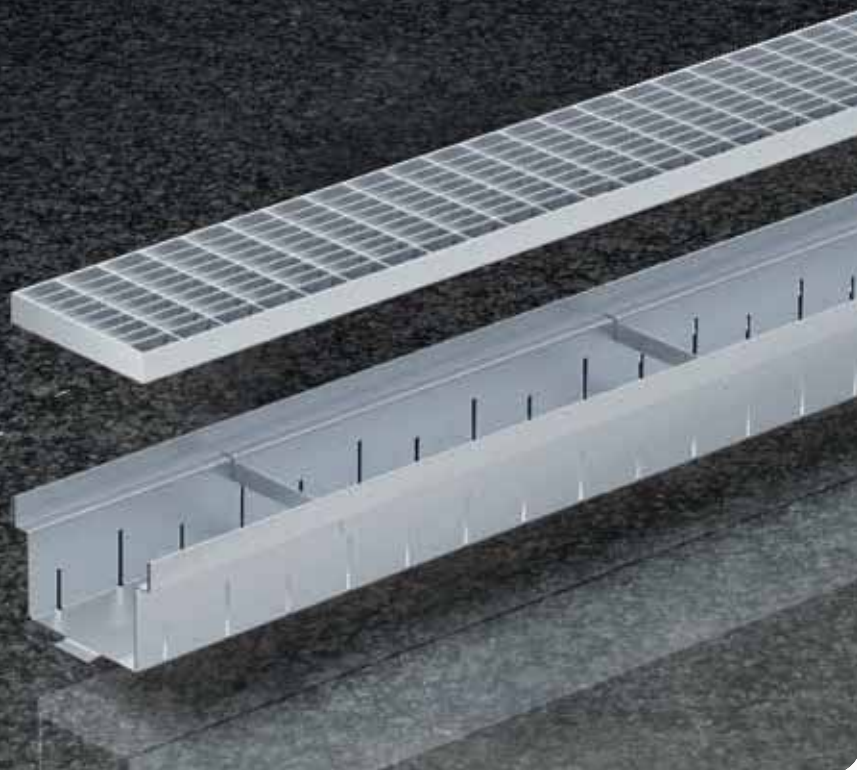
ROOF DRAINAGE AND DECK SUPPORTS			
HARMER MODULOCK		NON COMBUSTIBLE PAVING & DECKING SUPPORTS - FIXED HEAD ONLY	
Description	Type	Code	List Price £
NON COMBUSTIBLE PAVING PEDESTALS - FIXED HEAD ONLY			
	25-35mm	NCP1/P	POA
	35-50mm	NCP2/P	POA
	50-70mm	NCP3/P	POA
	70-115mm	NCP4/P	POA
	115-205mm	NCP5/P	POA
	205-305mm	NCP6/P	POA
	305-405mm	NCP7/P	POA
	405-505mm	NCP8/P	POA
NON COMBUSTIBLE DECKING PEDESTALS - FIXED HEAD ONLY			
	25-35mm	NCP1/D	POA
	35-50mm	NCP2/D	POA
	50-70mm	NCP3/D	POA
	70-115mm	NCP4/D	POA
	115-205mm	NCP5/D	POA
	205-305mm	NCP6/D	POA
	305-405mm	NCP7/D	POA
	405-505mm	NCP8/D	POA
BRSP RUBBER SHOCKPAD FOR PEDESTAL BASE			
	230x230mm, 3mm	NCP/SP	POA
4 WAY 4MM SPACER GASKET - REPLACEMENT COMPONENT FOR HEAD			
	4mm	NCP/4/GASK	POA
2 WAY 4MM SPACER GASKET - REPLACEMENT COMPONENT FOR HEAD			
	4mm	NCP/2/GASK	POA
BLANK GASKET (NO TABS) - REPLACEMENT COMPONENT FOR HEAD			
	NA	NCP/BLANK/GASK	POA

HARMER

BUILDING DRAINAGE

Modulock Channel Drain Range

The advanced, linear, steel drainage ranges are for use within a raised deck structure. Combining threshold drainage with the level access requirement of Part M. Can be used in conjunction with Harmer Modulock Pedestal Supports.



Applications

- A rainwater channel system in two nominal width sizes (130mm & 200mm) with either perforated, unperforated or open bottom channels. Channels are available in 500mm or 1000mm lengths
- Rainwater runoff is collected at hard surface level whilst percolation is relieved at membrane level
- Designed for use in terraces, walkways, balconies and ballasted flat roof construction
- Harmer Modulock channels are used in all types of raised deck construction where drainage at the façade and across entrances is a requirement. Compatible with inverted roof, warm roof. Green roof and podium deck construction
- Fixed height of variable height options

Performance

- Modulock Channels form part of the overall rainwater drainage plan for most types of flat roof or deck construction including balconies and terraces within pedestrian areas permitting K3 Class loading
- A drainage system that intercepts rainwater and improves safety at the point of access
- Buildings are protected from weathering at the vulnerable point where hard surface meets structure. Pending water is prevented and freeze thaw attack on masonry is eliminated

Materials & Finishes

- highly stable yet lightweight steel channel bodies
- Channels and gratings are available in grade 304 stainless steel or galvanised mild steel

Installation & Fixing

- Easy and quick to install
- Straight line end to end installation with simple location clips ensures the system is fully stable whilst butt joint, site formed irregular angles accommodate change in direction
- Connection tabs - tongue & groove connection tabs keep the individual sections securely connected
- Strengthening bars ensure a stable form during installation, preventing the channel walls from being pressed together or apart
- Adjustable feet to allow adjustment of height when installing
- gratings are available with a locking system to keep secure and safe while withstanding foot traffic and prevent theft

MODULOCK CHANNEL DRAINS						
HARMER MODULOCK		CHANNEL DRAIN 130MM WIDE				
Description		Depth (mm)	Code Galvanised	Price Galvanised	Code Stainless Steel	Price Stainless Steel
PERFORATED CHANNEL						
	0.5m	80mm	MD21013200	33.22	MD21013300	60.15
	1m	80mm	MD21013201	46.09	MD21013301	87.18
	2m	80mm	MD21013202	63.36	MD21013302	164.04
	1m	180mm	MD21013211	64.64	MD21013311	137.35
	2m	180mm	MD21013212	124.54	MD21013312	238.30
OPEN BOTTOM CHANNEL						
	1m	80 - 120mm	MD21013231	87.46	MD21013331	147.42
	2m	80 - 120mm	MD21013232	137.35	MD21013332	265.86
	1m	120 - 180mm	MD21013233	106.18	MD21013333	181.00
	2m	120 - 180mm	MD21013234	156.39	MD21013334	289.24
UNPERFORATED CHANNEL						
	1m	80mm	MD21013251	92.91	MD21013351	92.91
	2m	80mm	MD21013252	161.04	MD21013352	161.04
	1m	180mm	MD21013261	135.71	MD21013361	135.71
	2m	180mm	MD21013262	235.51	MD21013362	235.51

MODULOCK CHANNEL DRAINS						
HARMER MODULOCK		CHANNEL DRAIN 130MM WIDE				
Description		Length	Code Galvanised	Price Galvanised	Code Stainless Steel	Price Stainless Steel
GRATINGS						
	Mesh	1m	MD24513201	30.11	MD24513301	131.62
		0.5m	MD24513202	16.78	MD24513302	93.29
	Perforated	1m	MD24513203	13.33	MD24513303	42.17
		0.5m	MD24513204	10.87	MD24513304	32.07
	Slotted	1m	MD24513205	45.50	MD24513305	63.41
		0.5m	MD24513206	30.37	MD24513306	41.45
	Longitudinal bar	1m	MD24513207	43.63	MD24513307	139.47
		0.5m	MD24513208	29.52	MD24513308	86.06
	Cross Bar	1m	MD24513209	47.02	MD24513309	251.32
		0.5m	MD24513210	32.91	MD24513310	174.66
	Ray Design	1m	MD24513211	118.85	MD24513311	172.08
		0.5m	MD24513212	95.08	MD24513312	137.60
OUTLET UNIT DN75						
	1m	80mm	MD24913201	111.86	MD24913301	148.17
		180mm	MD24913202	126.65	MD24913302	154.35
CORNER PIECE 90 DEG						
		80mm	MD24913211	126.65	MD24913311	211.07
FRONT CAPS						
		80mm	MD24913221	4.64	MD24913321	7.64
		180mm	MD24913222	6.55	MD24913322	10.37
LOCKING SET						
			MD24900010	POA	MD24900011	3.37

MODULOCK CHANNEL DRAINS						
HARMER MODULOCK		CHANNEL DRAIN 200MM WIDE				
Description		Depth (mm)	Code Galvanised	Price Galvanised	Code Stainless Steel	Price Stainless Steel
PERFORATED CHANNEL						
	0.5m	50mm	MD21020200	37.84	MD21020300	61.85
	1m	50mm	MD21020201	46.95	MD21020301	102.24
	2m	50mm	MD21020202	65.86	MD21020302	168.27
	1m	90mm	MD21020211	51.96	MD21020311	118.25
	2m	90mm	MD21020212	83.03	MD21020312	200.60
OPEN BOTTOM CHANNEL						
	1m	50 - 70mm	MD21020221	98.49	MD21020321	161.75
	2m	50 - 70mm	MD21020222	140.57	MD21020322	277.96
	1m	70 - 100mm	MD21020223	107.09	MD21020323	191.60
	2m	70 - 100mm	MD21020224	159.74	MD21020324	303.05
UNPERFORATED CHANNEL						
	1m	50mm	MD21020231	45.07	MD21020331	101.64
	2m	50mm	MD21020232	74.60	MD21020332	168.38
	1m	90mm	MD21020241	57.94	MD21020341	118.77
	2m	90mm	MD21020242	82.82	MD21020342	200.50
GRATINGS						
		Length				
	Mesh	1m	MD24520201	44.72	MD24520301	172.34
		0.5m	MD24520202	31.28	MD24520302	99.17
	Perforated	1m	MD24520207	53.84	MD24520307	92.19
		0.5m	MD24520208	40.82	MD24520308	63.41
	Longitudinal bar	1m	MD24520203	64.54	MD24520303	214.18
		0.5m	MD24520204	42.22	MD24520304	141.09
	Cross Bar	1m	MD24520205	80.08	MD24520305	292.43
		0.5m	MD24520206	56.02	MD24520306	204.09

MODULOCK CHANNEL DRAINS						
HARMER MODULOCK		CHANNEL DRAIN 200MM WIDE				
Description	Depth	Code Galvanised	Price Galvanised	Code Stainless Steel	Price Stainless Steel	
OUTLET UNIT DN75						
	1m	50mm	MD24920201	114.17	MD24920301	151.23
		90mm	MD24920202	115.02	MD24920302	202.58
CORNER PIECE 90 DEG						
	50mm	MD24920211	212.99	MD24920311	255.58	
	90mm	MD24920212	255.58	MD24920312	298.17	
FRONT CAPS						
	50mm	MD24920221	4.10	MD24920321	7.40	
	90mm	MD24920222	5.83	MD24920322	10.35	
LOCKING SET						
		MD24900010	POA	MD24900011	3.37	
	Incl strengthening bar	MD24900012	9.38	MD24900013*	12.53	

MODULOCK CHANNEL DRAINS					
HARMER MODULOCK		CHANNEL DRAINS			
Description		Length	Code Stainless Steel	Price Stainless Steel	
TERRACE SLOT CHANNELS					
1m Perforated	Adjustable		80-130	MD38030	235.18
1m Perforated	Fixed		100	MD38020	123.89
1m Closed	Adjustable		80-130	MD38010	230.93
1m Closed	Fixed		100	MD38000	121.51

MODULOCK CHANNEL DRAINS					
HARMER MODULOCK		CHANNEL DRAINS			
Description		Length	Code Stainless Steel	Price Stainless Steel	
CORNER CONNECTIONS					
External 200 x 200	Adjustable		80-130	MD38050	166.02
Internal 200 x 200	Adjustable		80-130	MD38055	182.99
					
MAINTENANCE UNIT WITH OUTLET					
500 x 100		81-130	MD38040	192.74	
END PLATES					
Left & right hand	Adjustable		80-130	MD38060	27.52

HARMER

BUILDING DRAINAGE

Cast Iron Floor Drains

Harmer Cast Iron Floor Drains offer an all new range of drain bodies from shallow sump to deep sump with a wide selection of grate & bezel designs with three connection types, available in Satin Stainless finish or Nickel Bronze. Also complemented with a range of cast iron floor drain assemblies which are ideally suited for composite or asphaltic floor applications.



Harmer Cast Iron Floor Drains offer an all new range of drain bodies from shallow sump to deep sump with a wide selection of grate & bezel designs with three connection types, available in Satin Stainless finish or Nickel Bronze. Also complemented with a range of cast iron floor drain assemblies which are ideally suited for composite or asphaltic floor applications.

Applications

- Suitable for industrial and commercial applications
- Drain bodies available: shallow sump, medium sump, deep sump, P-trapped, S-trapped and a clean out drain body
- A range of floor drain assemblies, especially suited for plant rooms with a composite or asphaltic floor finish
- Grates available for tiled, vinyl, resin, composite and asphaltic floor applications
- Grate options available for load class ratings to BS EN 1252 - K3 (3 kN), L15 (15 kN) & M125 (125 kN)
- Outlet size available from 50mm up to 150mm

Performance

- High flow performance
- High sump volume
- Excellent corrosion resistance
- Cast Iron is 100% recyclable

Materials & Finishes

- High quality cast iron
- The Floor drain bodies are available with a choice of 30 grate options in either a satin stainless or nickel bronze finish
- Three types of bezel connections - 4" NPSM thread and 110mm direct fix.
- Harmer Cast Iron gullies are coated internally and externally with a dark grey 2 part epoxy coating. This is in compliance to Class 1 fire classification BS476: Part 7:1997, Surface spread of flame. Smoke and Toxicity test to Part 2, Annex 1 & Annex 2 of fire test procedure code, IMO Resolution MSC61(67).

Installation & Fixing

- Easy and quick to install
- Innovatively designed with supporting feet for easier and quick installation
- Easy to clean and maintain with easy access to the trap

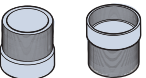
FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	CAST IRON DRAIN BODIES			
Description	Outlet (mm)	Connection	Code	List Price £
SHALLOW SUMP VERTICAL DRAIN BODIES				
	50	BSP	CSV50	34.21
	75	BSP	CSV75	35.20
	100	BSP	CSV100	35.42
	75	SPIGOT	CSV575	29.52
	100	SPIGOT	CSV5100	29.39

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	CAST IRON DRAIN BODIES			
Description	Outlet (mm)	Connection	Code	List Price £
MEDIUM SUMP VERTICAL DRAIN BODIES				
	50	BSP	CM1VT50	59.02
	75	BSP	CM1VT75	58.31
	100	BSP	CM1VT100	53.15
	50	BSP	CM1VT50/A	63.06
	75	BSP	CM1VT75/A	58.31
	100	BSP	CM1VT100/A	53.15

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	CAST IRON DRAIN BODIES			
Description	Outlet (mm)	Connection	Code	List Price £
MEDIUM SUMP VERTICAL DRAIN BODIES				
	50	SPIGOT	CM2V50	64.54
	75	SPIGOT	CM2V75	64.70
	100	SPIGOT	CM2V100	74.18
	50	BSP	CM2VT50	64.74
	75	BSP	CM2VT75	73.30
	100	BSP	CM2VT100	86.92

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	CAST IRON DRAIN BODIES			
Description	Outlet (mm)	Connection	Code	List Price £
MEDIUM SUMP HORIZONTAL DRAIN BODIES				
	50	BSP	CM2HT50	93.06
	75	BSP	CM2HT75	97.41
	100	BSP	CM2HT100	102.00
DEEP SUMP VERTICAL DRAIN BODIES				
	100	BSP	CDVT100	194.61
	150	BSP	CDVT150	202.52

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	CAST IRON DRAIN BODIES			
Description	Outlet (mm)	Connection	Code	List Price £
P TRAPPED HORIZONTAL DRAIN BODIES				
	110	SPIGOT	CTH100/A	73.58
	110	SPIGOT	CTH100	64.37
	100	BSP	CTHT100/A	65.78
	100	BSP	CTHT100	65.78
S TRAPPED VERTICAL DRAIN BODIES				
	110	SPIGOT	CTV100/A	72.52
	110	SPIGOT	CTV100	64.54

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	CAST IRON DRAIN BODIES/EXTENSION PIECES			
Description	Outlet (mm)	Connection	Code	List Price £
CLEAN OUT DRAIN BODY				
	110	SPIGOT	CCO100	268.29
NPSM EXTENSION PIECES				
		-	CEXT103	34.44
		-	CEXT153	42.47

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
150mm Ø CIRCULAR BEZELS - PLAIN CAP GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	CP15/SS/4/T	166.75
	4" NPSM Threaded	Nickel bronze with trap	100	CP15/NB/4/T	69.23
150mm Ø CIRCULAR BEZELS - STAR GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	CS15/SS/4/T	151.78
	4" NPSM Threaded	Nickel bronze with trap	100	CS15/NB/4/T	84.65
150mm Ø CIRCULAR BEZELS - CONCENTRIC RING GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	CC15/SS/4/T	137.93
	4" NPSM Threaded	Nickel bronze with trap	100	CC15/NB/4/T	74.33
For all grates with plug seals RA/ please order a SEO5 For the security fixings see pg 269.					

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
150mm Ø CIRCULAR BEZELS - COMPACT RING GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	CR15/SS/4/T	116.87
	4" NPSM Threaded	Nickel bronze with trap	100	CR15/NB/4/T	60.20
150mm Ø CIRCULAR BEZELS - ANTI-LIGATURE GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	CA15/SS/4/T	157.42
	4" NPSM Threaded	Nickel bronze with trap	100	CA15/NB/4/T	67.73
150mm Ø CIRCULAR BEZELS - SOLID PLATE GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	CB15/SS/4/T	147.47
	4" NPSM Threaded	Satin Stainless with plug seal	100	RA/CB15/SS/4	170.14
	4" NPSM Threaded	Nickel bronze with trap	100	CB15/NB/4/T	81.05
	4" NPSM Threaded	Nickel bronze with plug seal	100	RA/CB15/NB/4	91.54
For all grates with plug seals RA/ please order a SEO5 For the security fixings see pg 269.					

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

CAST IRON GRATES & BEZELS

Description Size Grate & Bezel Options Outlet (mm) Code List Price £

150 x 150mm TILE BEZELS - PLAIN CAP GRATE

	4" NPSM Threaded	Satin Stainless with trap	100	TP15/SS/4/T	183.29
	4" NPSM Threaded	Nickel bronze with trap	100	TP15/NB/4/T	76.85

150 x 150mm TILE BEZELS - STAR CAP GRATE

	4" NPSM Threaded	Satin Stainless with trap	100	TS15/SS/4/T	170.59
	4" NPSM Threaded	Nickel bronze with trap	100	TS15/NB/4/T	90.24

150 x 150mm TILE BEZELS - CONCENTRIC RING GRATE

	4" NPSM Threaded	Satin Stainless with trap	100	TC15/SS/4/T	175.06
	4" NPSM Threaded	Nickel bronze with trap	100	TC15/NB/4/T	67.38

For all grates with plug seals RA/ please order a SEO5
For the security fixings see pg 269.

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

CAST IRON GRATES & BEZELS

Description Size Grate & Bezel Options Outlet (mm) Code List Price £

150 x 150mm TILE BEZELS - COMPACT RING GRATE

	4" NPSM Threaded	Satin Stainless with trap	100	TR15/SS/4/T	148.65
	4" NPSM Threaded	Nickel bronze with trap	100	TR15/NB/4/T	53.28

150 x 150mm TILE BEZELS - ANTI-LIGATURE GRATE

	4" NPSM Threaded	Satin Stainless with trap	100	TA15/SS/4/T	162.75
	4" NPSM Threaded	Nickel bronze with trap	100	TA15/NB/4/T	77.44

150 x 150mm TILE BEZELS - SOLID PLATE GRATE

	4" NPSM Threaded	Satin Stainless with trap	100	TB15/SS/4/T	173.07
	4" NPSM Threaded	Nickel bronze with trap	100	TB15/NB/4/T	95.98

For all grates with plug seals RA/ please order a SEO5
For the security fixings see pg 269.

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
200mm Ø CIRCULAR BEZELS WITH GRATE OPTIONS - PLAIN CAP GRATE FOR VINYL					
	4" NPSM Threaded	Satin Stainless with trap	100	VP20/SS/4/T	219.70
	4" NPSM Threaded	Nickel bronze with trap	100	VP20/NB/4/T	130.08
200mm Ø CIRCULAR BEZELS WITH GRATE OPTIONS - STAR CAP GRATE FOR VINYL					
	4" NPSM Threaded	Satin Stainless with trap	100	VS20/SS/4/T	213.66
	4" NPSM Threaded	Nickel bronze with trap	100	VS20/NB/4/T	155.42
200mm Ø CIRCULAR BEZELS WITH GRATE OPTIONS - CONCENTRIC RING GRATE FOR VINYL					
	4" NPSM Threaded	Satin Stainless with trap	100	VC20/SS/4/T	167.81
	4" NPSM Threaded	Nickel bronze with trap	100	VC20/NB/4/T	124.80
For all grates with plug seals RA/ please order a SEO5 For the security fixings see pg 269.					

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
200mm Ø CIRCULAR BEZELS WITH GRATE OPTIONS - COMPACT RING GRATE FOR VINYL					
	4" NPSM Threaded	Satin Stainless with trap	100	VR20/SS/4/T	164.69
	4" NPSM Threaded	Nickel bronze with trap	100	VR20/NB/4/T	101.89
200mm Ø CIRCULAR BEZELS WITH GRATE OPTIONS - ANTI-LIGATURE GRATE FOR VINYL					
	4" NPSM Threaded	Satin Stainless with trap	100	VA20/SS/4/T	175.49
	4" NPSM Threaded	Nickel bronze with trap	100	VA20/NB/4/T	130.03
200 Ø CIRCULAR BEZELS WITH GRATE OPTIONS - SOLID PLATE GRATE FOR VINYL					
	4" NPSM Threaded	Satin Stainless with trap	100	VB20/SS/4/T	179.26
	4" NPSM Threaded	Satin Stainless with plug seal	100	RA/VB20/SS/4	191.72
	4" NPSM Threaded	Nickel bronze with trap	100	VB20/NB/4/T	179.26
	4" NPSM Threaded	Nickel bronze with plug seal	100	RA/VB20/NB/4	117.31
For all grates with plug seals RA/ please order a SEO5					

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
200 x 200mm TILE BEZELS - PLAIN CAP GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	TP20/SS/4/T	202.07
	4" NPSM Threaded	Nickel bronze with trap	100	TP20/NB/4/T	97.55
200 x 200mm TILE BEZELS - STAR CAP GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	TS20/SS/4/T	197.62
	4" NPSM Threaded	Nickel bronze with trap	100	TS20/NB/4/T	115.73
200 x 200mm TILE BEZELS - CONCENTRIC RING GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	TC20/SS/4/T	202.80
	4" NPSM Threaded	Nickel bronze with trap	100	TC20/NB/4/T	116.18
For all grates with plug seals RA/ please order a SEO5 For the security fixings see pg 269.					

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
200 x 200mm TILE BEZELS - COMPACT RING GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	TR20/SS/4/T	157.56
	4" NPSM Threaded	Nickel bronze with trap	100	TR20/NB/4/T	95.98
200 x 200mm TILE BEZELS - ANTI-LIGATURE GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	TA20/SS/4/T	189.00
	4" NPSM Threaded	Nickel bronze with trap	100	TA20/NB/4/T	119.35
200 x 200mm TILE BEZELS - SOLID PLATE GRATE					
	4" NPSM Threaded	Satin Stainless with trap	100	TB20/SS/4/T	183.44
	4" NPSM Threaded	Nickel bronze with trap	100	TB20/NB/4/T	114.37
For all grates with plug seals RA/ please order a SEO5 For the security fixings see pg 269.					

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
MISCELLANEOUS GRATES - SQUARE GRATE 150 x 150mm					
	4" NPSM Threaded	Satin Stainless with trap	100	SG15/SS/4/T	138.04
	4" NPSM Threaded	Nickel bronze with trap	100	SG15/NB/4/T	88.17
MISCELLANEOUS GRATES - QUATTRO GRATE 200 x 200mm					
	4" NPSM Threaded	Satin Stainless with trap	100	SH15/SS/4/T	107.94
	4" NPSM Threaded	Nickel bronze with trap	100	SH15/NB/4/T	80.59
MISCELLANEOUS GRATES - SOLID PLATE GRATE 200 x 200mm					
	4" NPSM Threaded	Satin Stainless with trap	100	SB15/SS/4/T	167.59
	4" NPSM Threaded	Satin Stainless with plug seal	100	RA/SB15/SS/4	195.79
	4" NPSM Threaded	Nickel bronze with trap	100	SB15/NB/4/T	85.74
	4" NPSM Threaded	Nickel bronze with plug seal	100	RA/SB15/NB/4	99.67
For all grates with plug seals RA/ please order a SE05 For the security fixings see pg 269.					

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		CAST IRON GRATES & BEZELS			
Description	Size	Grate & Bezel Options	Outlet (mm)	Code	List Price £
MISCELLANEOUS GRATES - HEEL PROOF STAINLESS STEEL GRATE 225 x 225mm					
	4" NPSM Threaded	Satin Stainless with trap	100	S225/SS/4/T	277.94
MISCELLANEOUS GRATES - SHERARDIZED DUCTILE IRON CIRCULAR GRATE 220mm Ø					
	4" NPSM Threaded	Ductile Iron with trap	100	C220/DI/4/T	142.32
MISCELLANEOUS GRATES - SQUARE HEAVY DUTY GRATE 323 x 323mm					
	4" NPSM Threaded	Ductile Iron with trap	100	S300/DI/4/T	223.26
For all grates with plug seals RA/ please order a SE05 For the security fixings see pg 269.					

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

CAST IRON DRAIN ASSEMBLIES
Asphalt/Composite Floors

Description Outlet (mm) Connection Code List Price £

MEDIUM SUMP VERTICAL WITH CIRCULAR FLAT GRATE

 	220mm Sherardized Ductile Iron	50	BSP	CPV50/F	91.84
		75	BSP	CPV75/F	91.90
		100	BSP	CPV100/F	105.58
		50	BSP	CPV50T/F	83.25
		75	BSP	CPV75T/F	82.16
		100	BSP	CPV100T/F	92.21

MEDIUM SUMP HORIZONTAL WITH CIRCULAR FLAT GRATE

	220mm Sherardized Ductile Iron	50	BSP	CPH50T/F	112.44
		75	BSP	CPH75T/F	112.44
		100	BSP	CPH100T/F	112.44

MEDIUM SUMP VERTICAL WITH CIRCULAR FLAT GRATE AND ADJUSTABLE EXTENSION

 	220mm Sherardized Ductile Iron	50	SPIGOT	CPV50/ECD	152.36
		75	SPIGOT	CPV75/ECD	152.78
		100	SPIGOT	CPV100/ECD	164.96
		50	BSP	CPV50T/ECD	145.47
		75	BSP	CPV75T/ECD	145.80
		100	BSP	CPV100T/ECD	155.53

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

CAST IRON DRAIN ASSEMBLIES
Asphalt/Composite Floors

Description Outlet (mm) Connection Code List Price £

MEDIUM SUMP HORIZONTAL WITH CIRCULAR FLAT GRATE AND ADJUSTABLE EXTENSION

	220mm Sherardized Ductile Iron	50	BSP	CPH50T/ECD	174.99
		75	BSP	CPH75T/ECD	177.64
		100	BSP	CPH100T/ECD	182.78

LARGE SUMP VERTICAL WITH CIRCULAR FLAT GRATE AND ADJUSTABLE EXTENSION

	220mm Sherardized Ductile Iron	100	BSP	CPV100LT/ECD	210.50
		150	BSP	CPV150LT/ECD	213.02

MEDIUM SUMP VERTICAL WITH SQUARE FLAT GRATE AND ADJUSTABLE EXTENSION

	225 x 225mm Sherardized Ductile Iron	50	SPIGOT	CPV50/ESD	144.41
		75	SPIGOT	CPV75/ESD	145.48
		100	SPIGOT	CPV100/ESD	158.42
		50	BSP	CPV50T/ESD	136.07
		75	BSP	CPV75T/ESD	136.76
		100	BSP	CPV100T/ESD	145.80

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

CAST IRON DRAIN ASSEMBLIES
Asphalt/Composite Floors

Description Outlet (mm) Connection Code List Price £

MEDIUM SUMP HORIZONTAL WITH SQUARE FLAT GRATE AND ADJUSTABLE EXTENSION

 225 x 225mm Sherardized Ductile Iron	50	BSP	CPH50T/ESD	166.38
	75	BSP	CPH75T/ESD	170.54
	100	BSP	CPH100T/ESD	172.43

LARGE SUMP VERTICAL WITH SQUARE FLAT GRATE AND ADJUSTABLE EXTENSION

 225 x 225mm Sherardized Ductile Iron	100	BSP	CPV100LT/ESD	202.20
	150	BSP	CPV150LT/ESD	206.34
	100	BSP	CPV100LT/DS	175.12
 323 x 323mm Sherardized Ductile Iron	150	BSP	CPV150LT/DS	177.15

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

CAST IRON DRAIN ASSEMBLIES
Asphalt/Composite Floors

Description Outlet (mm) Connection Code List Price £

MEDIUM SUMP VERTICAL WITH SQUARE FLAT GRATE AND ADJUSTABLE EXTENSION

 225 x 225mm Stainless Steel	50	SPIGOT	CPV50/ESS	286.32
	75	SPIGOT	CPV75/ESS	287.09
	100	SPIGOT	CPV100/ESS	300.63
	50	BSP	CPV50T/ESS	278.09
	75	BSP	CPV75T/ESS	278.32
	100	BSP	CPV100T/ESS	287.55

MEDIUM SUMP HORIZONTAL WITH SQUARE FLAT GRATE AND ADJUSTABLE EXTENSION

 225 x 225mm Stainless Steel	50	BSP	CPH50T/ESS	307.91
	75	BSP	CPH75T/ESS	312.18
	100	BSP	CPH100T/ESS	316.34

MEDIUM SUMP HORIZONTAL WITH SQUARE FLAT GRATE AND ADJUSTABLE EXTENSION

 225x225mm Stainless Steel	100	BSP	CPV100LT/ESS	344.23
	150	BSP	CPV150LT/ESS	347.94

HARMER

BUILDING DRAINAGE

Harmer Drainage Systems Stainless Steel Floor Outlets

The new high performance stainless steel, trapped floor drain range, featuring standard and compact drains with a choice of grate finishes to suit any application.



Applications

- Standard drains are suitable for industrial applications such as Chemical & Pharmaceutical and Food/Drink processing
- Compact drains are suitable for domestic application
- Available trapped or untrapped, with vertical or horizontal spigot connection
- Single body and adjustable two part bodies to suit different floor depths
- Grate options available for load classes ratings to BS EN 1252 - K3 (3 kN), L15 (15 kN) & M125 (125 kN)
- Grates available for tiled and vinyl floor applications. Outlet size available from 110mm up to 160mm

Performance

- High flow performance
- High sump volume
- Excellent corrosion resistance and durability
- Integral waste baskets to be used when the drained waste water has a high content of solids
- Round bodies and smooth welded joints limit waste accumulation

Materials & Finishes

- Available in 304 or 316 grade stainless steel
- All stainless steel is fully pickle passivated to ensure high quality corrosion free joints
- Available in a choice of 4 grate finishes (Mesh anti-slip, Ladder, Plate & Tight Cover) depending on design and load class requirements
- Standard Drains - Square grates from 200 x 200mm to 300 x 300mm, circular grates from 200mm to 255mm
- Compact Drains - Square grates from 150 x 150mm to 200 x 200mm, circular grates from 160mm to 200mm

Installation & Fixing

- Easy and quick to install
- Drain bodies easily connect to other materials such as cast iron, HDPE, PVC-U and polypropylene
- Low maintenance and hygienic, easy clean cap design with fast flow trap offers unrestricted waterways, reduced hair snagging and dirt build-up

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

STAINLESS STEEL STANDARD DRAINS

Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
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VERTICAL ONE-PART FIXED DRAINS WITH SQUARE GRATES

	110	200 x 200	Perforated	SV110/S20/B/T	307.17	353.25
	110	200 x 200	Mesh anti-slip	SV110/S20/K/T	307.17	353.25
	110	200 x 200	Ladder	SV110/S20/D/T	307.17	353.25
	110	200 x 200	Plate	SV110/S20/P/T	307.17	353.25
	110	250 x 250	Perforated	SV110/S25/B/T	321.96	370.24
	110	250 x 250	Mesh anti-slip	SV110/S25/K/T	321.96	370.24
	110	250 x 250	Ladder	SV110/S25/D/T	321.96	370.24
	110	250 x 250	Plate	SV110/S25/P/T	321.96	370.24
	160	300 x 300	Perforated	SV160/S30/B/T	420.25	483.27
	160	300 x 300	Mesh anti-slip	SV160/S30/K/T	420.25	483.27
   	160	300 x 300	Ladder	SV160/S30/D/T	420.25	483.27
	160	300 x 300	Plate	SV160/S30/P/T	420.25	483.27

VERTICAL ONE-PART FIXED DRAINS WITH CIRCULAR GRATES (INCLUDING VINYL OPTIONS)

	Vinyl Floor	110	200	Mesh anti-slip	SV110/C20/K/T/V	467.31	537.41
	Vinyl Floor	110	200	Ladder	SV110/C20/D/T/V	467.31	537.41
		110	200	Mesh anti-slip	SV110/C20/K/T	321.04	369.18
		110	200	Plate	SV110/C20/P/T	321.04	369.18
		110	200	Ladder	SV110/C20/D/T	321.04	369.18
		110	200	Tight Cover	SV110/C20/S/T	321.04	369.18
		110	255	Mesh anti-slip	SV110/C25/K/T	331.13	380.81
		110	255	Plate	SV110/C25/P/T	331.13	380.81
		110	255	Ladder	SV110/C25/D/T	331.13	380.81
		110	255	Tight Cover	SV110/C25/S/T	331.13	380.81
   							

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

STAINLESS STEEL STANDARD DRAINS

Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
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HORIZONTAL ONE-PART FIXED DRAINS WITH SQUARE GRATES

	110	200 x 200	Perforated	SH110/S20/B/T	300.18	345.21
	110	200 x 200	Mesh anti-slip	SH110/S20/K/T	300.18	345.21
	110	200 x 200	Ladder	SH110/S20/D/T	300.18	345.21
	110	200 x 200	Plate	SH110/S20/P/T	300.18	345.21
	110	250 x 250	Perforated	SH110/S25/B/T	315.18	362.46
	110	250 x 250	Mesh anti-slip	SH110/S25/K/T	315.18	362.46
	110	250 x 250	Ladder	SH110/S25/D/T	315.18	362.46
	110	250 x 250	Plate	SH110/S25/P/T	315.18	362.46
	160	300 x 300	Perforated	SH160/S30/B/T	406.97	468.02
	160	300 x 300	Mesh anti-slip	SH160/S30/K/T	406.97	468.02
   	160	300 x 300	Ladder	SH160/S30/D/T	406.97	468.02
	160	300 x 300	Plate	SH160/S30/P/T	406.97	468.02

HORIZONTAL ONE-PART FIXED DRAINS WITH CIRCULAR GRATES (INCLUDING VINYL OPTIONS)

	Vinyl Floor	110	200	Mesh anti-slip	SH110/C20/K/T/V	496.12	570.53
	Vinyl Floor	110	200	Ladder	SH110/C20/D/T/V	496.12	570.53
		110	200	Mesh anti-slip	SH110/C20/K/T	345.15	396.93
		110	200	Plate	SH110/C20/P/T	345.15	396.93
		110	200	Ladder	SH110/C20/D/T	345.15	396.93
		110	200	Tight Cover	SH110/C20/S/T	345.15	396.93
		110	255	Mesh anti-slip	SH110/C25/K/T	364.64	419.34
		110	255	Plate	SH110/C25/P/T	364.64	419.34
		110	255	Ladder	SH110/C25/D/T	364.64	419.34
		110	255	Tight Cover	SH110/C25/S/T	364.64	419.34
   							

When ordering 316 grade finish add /316

Note: Stainless Steel grade 316 is made to order and subject to longer lead times

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

STAINLESS STEEL STANDARD DRAINS

Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
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VERTICAL TWO-PART ADJUSTABLE DRAINS WITH SQUARE GRATES

	110	200 x 200	Perforated	SVA110/S20/B/T	371.88	427.63
	110	200 x 200	Mesh anti-slip	SVA110/S20/K/T	371.88	427.63
	110	200 x 200	Ladder	SVA110/S20/D/T	371.88	427.63
	110	200 x 200	Plate	SVA110/S20/P/T	371.88	427.63
	110	250 x 250	Perforated	SVA110/S25/B/T	387.69	445.87
	110	250 x 250	Mesh anti-slip	SVA110/S25/K/T	387.69	445.87
	110	250 x 250	Ladder	SVA110/S25/D/T	387.69	445.87
	110	250 x 250	Plate	SVA110/S25/P/T	387.69	445.87
	160	300 x 300	Perforated	SVA160/S30/B/T	545.71	627.56
	160	300 x 300	Mesh anti-slip	SVA160/S30/K/T	545.71	627.56
	160	300 x 300	Ladder	SVA160/S30/D/T	545.71	627.56
	160	300 x 300	Plate	SVA160/S30/P/T	545.71	627.56

VERTICAL TWO-PART ADJUSTABLE DRAINS WITH CIRCULAR GRATES

	Vinyl Floor	110	200	Mesh anti-slip	SVA110/C20/K/T/V	595.11	684.38
	Vinyl Floor	110	200	Ladder	SVA110/C20/D/T/V	595.11	684.38
		110	200	Mesh anti-slip	SVA110/C20/K/T	473.04	544.00
		110	200	Plate	SVA110/C20/P/T	473.04	544.00
		110	200	Ladder	SVA110/C20/D/T	473.04	544.00
		110	200	Tight Cover	SVA110/C20/S/T	473.04	544.00
		110	255	Mesh anti-slip	SVA110/C25/K/T	480.76	552.90
		110	255	Plate	SVA110/C25/P/T	480.76	552.90
		110	255	Ladder	SVA110/C25/D/T	480.76	552.90
		110	255	Tight Cover	SVA110/C25/S/T	480.76	552.90

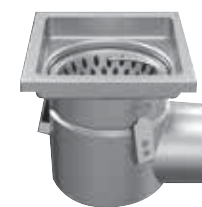
FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

STAINLESS STEEL STANDARD DRAINS

Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
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HORIZONTAL TWO-PART ADJUSTABLE DRAINS WITH SQUARE GRATES

	110	200 x 200	Perforated	SHA110/S20/B/T	380.13	437.15
	110	200 x 200	Mesh anti-slip	SHA110/S20/K/T	380.13	437.15
	110	200 x 200	Ladder	SHA110/S20/D/T	380.13	437.15
	110	200 x 200	Plate	SHA110/S20/P/T	380.13	437.15
	110	250 x 250	Perforated	SHA110/S25/B/T	406.67	467.69
	110	250 x 250	Mesh anti-slip	SHA110/S25/K/T	406.67	467.69
	110	250 x 250	Ladder	SHA110/S25/D/T	406.67	467.69
	110	250 x 250	Plate	SHA110/S25/P/T	406.67	467.69
	160	300 x 300	Perforated	SHA160/S30/B/T	592.97	681.91
	160	300 x 300	Mesh anti-slip	SHA160/S30/K/T	592.97	681.91
	160	300 x 300	Ladder	SHA160/S30/D/T	592.97	681.91
	160	300 x 300	Plate	SHA160/S30/P/T	592.97	681.91

HORIZONTAL TWO-PART FIXED DRAINS WITH CIRCULAR GRATES

	Vinyl Floor	110	200	Mesh anti-slip	SHA110/C20/K/T/V	721.62	829.86
	Vinyl Floor	110	200	Ladder	SHA110/C20/D/T/V	721.62	829.86
		110	200	Mesh anti-slip	SHA110/C20/K/T	469.00	539.33
		110	200	Plate	SHA110/C20/P/T	469.00	539.33
		110	200	Ladder	SHA110/C20/D/T	469.00	539.33
		110	200	Tight Cover	SHA110/C20/S/T	469.00	539.33
		110	255	Mesh anti-slip	SHA110/C25/K/T	519.20	597.08
		110	255	Plate	SHA110/C25/P/T	519.20	597.08
		110	255	Ladder	SHA110/C25/D/T	519.20	597.08
		110	255	Tight Cover	SHA110/C25/S/T	519.20	597.08

When ordering 316 grade finish add /316

Note: Stainless Steel grade 316 is made to order and subject to longer lead times

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR		STAINLESS STEEL COMPACT DRAINS				
Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
VERTICAL ONE-PART FIXED DRAINS WITH SQUARE GRATES						
     Plate Ladder Perforated Mesh anti-slip	110	150 x 150	Perforated	SMKV110/S15/B/T	115.91	133.31
	110	150 x 150	Ladder	SMV110/S15/D/T	115.91	133.31
	110	200 x 200	Perforated	SMV110/S20/B/T	157.37	180.89
	110	200 x 200	Mesh anti-slip	SMV110/S20/K/T	157.37	180.89
	110	200 x 200	Ladder	SMV110/S20/D/T	157.37	180.89
	110	200 x 200	Plate	SMV110/S20/P/T	157.37	180.89
VERTICAL ONE-PART FIXED DRAINS WITH CIRCULAR GRATES						
     Tight Cover Ladder Mesh anti-slip Plate	110	160	Mesh anti-slip	SMV110/C16/K/T	124.48	143.16
	110	160	Plate	SMV110/C16/P/T	124.48	143.16
	110	160	Ladder	SMV110/C16/D/T	124.48	143.16
	110	160	Tight Cover	SMV110/C16/S/T	124.48	143.16
	110	200	Mesh anti-slip	SMV110/C20/K/T	165.20	189.96
	110	200	Plate	SMV110/C20/P/T	165.20	189.96
	110	200	Ladder	SMV110/C20/D/T	165.20	189.96
	110	200	Tight Cover	SMV110/C20/S/T	165.20	189.96

FLOOR DRAINAGE SYSTEMS

HARMER FLOOR		STAINLESS STEEL COMPACT DRAINS				
Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
HORIZONTAL ONE-PART FIXED DRAINS WITH SQUARE GRATES						
     Plate Ladder Perforated Mesh anti-slip	110	150 x 150	Perforated	SMKH110/S15/B/T	124.48	143.16
	110	150 x 150	Ladder	SMH110/S15/D/T	124.48	143.16
	110	200 x 200	Perforated	SMH110/S20/B/T	165.20	189.96
	110	200 x 200	Mesh anti-slip	SMH110/S20/K/T	165.20	189.96
	110	200 x 200	Ladder	SMH110/S20/D/T	165.20	189.96
	110	200 x 200	Plate	SMH110/S20/P/T	165.20	189.96
HORIZONTAL ONE-PART FIXED DRAINS WITH CIRCULAR GRATES						
     Tight Cover Ladder Mesh anti-slip Plate	110	160	Mesh anti-slip	SMH110/C16/K/T	145.55	167.39
	110	160	Plate	SMH110/C16/P/T	145.55	167.39
	110	160	Ladder	SMH110/C16/D/T	145.55	167.39
	110	160	Tight Cover	SMH110/C16/S/T	145.55	167.39
	110	200	Mesh anti-slip	SMH110/C20/K/T	175.89	202.28
	110	200	Plate	SMH110/C20/P/T	175.89	202.28
	110	200	Ladder	SMH110/C20/D/T	175.89	202.28
	110	200	Tight Cover	SMH110/C20/S/T	175.89	202.28

When ordering 316 grade finish add /316

Note: Stainless Steel grade 316 is made to order and subject to longer lead times

FLOOR DRAINAGE SYSTEMS						
HARMER FLOOR		STAINLESS STEEL COMPACT DRAINS				
Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
VERTICAL TWO-PART ADJUSTABLE DRAINS WITH SQUARE GRATES						
   Plate Ladder   Perforated Mesh anti-slip	110	150 x 150	Perforated	SMKVA110/S15/B/T	234.43	269.58
	110	150 x 150	Ladder	SMVA110/S15/D/T	234.43	269.59
	110	200 x 200	Perforated	SMVA110/S20/B/T	259.44	298.35
	110	200 x 200	Mesh anti-slip	SMVA110/S20/K/T	259.44	298.35
	110	200 x 200	Ladder	SMVA110/S20/D/T	259.44	298.35
	110	200 x 200	Plate	SMVA110/S20/P/T	259.44	298.35
VERTICAL TWO-PART ADJUSTABLE DRAINS WITH CIRCULAR GRATES						
   Tight Cover Ladder   Mesh anti-slip Plate	110	160	Mesh anti-slip	SMVA110/C16/K/T	245.12	281.88
	110	160	Plate	SMVA110/C16/P/T	245.12	281.88
	110	160	Ladder	SMVA110/C16/D/T	245.12	281.88
	110	160	Tight Cover	SMVA110/C16/S/T	245.12	281.88
	110	200	Mesh anti-slip	SMVA110/C20/K/T	268.72	309.03
	110	200	Plate	SMVA110/C20/P/T	268.72	309.03
	110	200	Ladder	SMVA110/C20/D/T	268.72	309.03
	110	200	Tight Cover	SMVA110/C20/S/T	268.72	309.03

FLOOR DRAINAGE SYSTEMS						
HARMER FLOOR		STAINLESS STEEL COMPACT DRAINS				
Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £304	List Price £316L
HORIZONTAL TWO-PART ADJUSTABLE DRAINS WITH SQUARE GRATES						
   Plate Ladder   Perforated Mesh anti-slip	110	150 x 150	Perforated	SMKHA110/S15/B/T	245.12	281.88
	110	150 x 150	Ladder	SMHA110/S15/D/T	245.12	281.88
	110	200 x 200	Perforated	SMHA110/S20/B/T	268.72	309.03
	110	200 x 200	Mesh anti-slip	SMHA110/S20/K/T	268.72	309.03
	110	200 x 200	Ladder	SMHA110/S20/D/T	268.72	309.03
	110	200 x 200	Plate	SMHA110/S20/P/T	268.72	309.03
HORIZONTAL TWO-PART ADJUSTABLE DRAINS WITH CIRCULAR GRATES						
   Tight Cover Ladder   Mesh anti-slip Plate	110	160	Mesh anti-slip	SMHA110/C16/K/T	234.83	270.05
	110	160	Plate	SMHA110/C16/P/T	234.83	270.05
	110	160	Ladder	SMHA110/C16/D/T	234.83	270.05
	110	160	Tight Cover	SMHA110/C16/S/T	234.83	270.05
	110	200	Mesh anti-slip	SMHA110/C20/K/T	282.46	324.82
	110	200	Plate	SMHA110/C20/P/T	282.46	324.82
	110	200	Ladder	SMHA110/C20/D/T	282.46	324.82
	110	200	Tight Cover	SMHA110/C20/S/T	282.46	324.82

When ordering 316 grade finish add /316

Note: Stainless Steel grade 316 is made to order and subject to longer lead times

HARMER

BUILDING DRAINAGE

DIRECT CONNECTION GRATINGS

This versatile, fully engineered range is available trapped, with a new extensive range of satin stainless or nickel bronze grates.



FLOOR DRAINAGE SYSTEMS

HARMER FLOOR

DIRECT CONNECTION GRATINGS - 110MM PVC THROAT

Description	Grates & Bezel Options	Outlet (mm)	Code	List Price £
150mm Ø CIRCULAR BEZELS - PLAIN CAP				
	Satin Stainless with trap	110	CPA15/SS/B/T	166.75
	Nickel Bronze with trap	110	CPA15/NB/B/T	69.23
150mm Ø CIRCULAR BEZELS - STAR GRATE				
	Satin Stainless with trap	110	CSA15/SS/B/T	151.78
	Nickel Bronze with trap	110	CSA15/NB/B/T	84.65
150mm Ø CIRCULAR BEZELS - CONCENTRIC RING GRATE				
	Satin Stainless with trap	110	CCA15/SS/B/T	137.93
	Nickel Bronze with trap	110	CCA15/NB/B/T	74.33
150mm Ø CIRCULAR BEZELS - COMPACT RING GRATE				
	Satin Stainless with trap	110	CRA15/SS/B/T	116.87
	Nickel Bronze with trap	110	CRA15/NB/B/T	60.20
150mm Ø CIRCULAR BEZELS - ANTI-LIGATURE GRATE				
	Satin Stainless with trap	110	CAA15/SS/B/T	157.42
	Nickel Bronze with trap	110	CAA15/NB/B/T	67.73
150mm Ø CIRCULAR BEZELS - SOLID PLATE GRATE				
	Satin Stainless with trap	110	CBA15/SS/B/T	147.47
	Satin Stainless with plug seal	110	RA/CBA15/SS/B	170.14
	Nickel Bronze with trap	110	CBA15/NB/B/T	81.05
	Nickel Bronze with plug seal	110	RA/CBA15/NB/B	91.54

For all grates with plug seals RA/ please order a SEO5
For the security fixings see pg 261.

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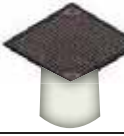
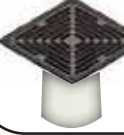
FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR		110MM PVC THROAT		
Description	Grates & Bezel Options	Outlet (mm)	Code	List Price £
150 x 150mm TILE BEZELS - PLAIN CAP GRATE				
	Satin Stainless with trap	110	TPA15/SS/B/T	183.29
	Nickel Bronze with trap	110	TPA15/NB/B/T	76.85
150 x 150mm TILE BEZELS - STAR CAP GRATE				
	Satin Stainless with trap	110	TSA15/SS/B/T	170.59
	Nickel Bronze with trap	110	TSA15/NB/B/T	90.24
150 x 150mm TILE BEZELS - CONCENTRIC RING GRATE				
	Satin Stainless with trap	110	TCA15/SS/B/T	175.06
	Nickel Bronze with trap	110	TCA15/NB/B/T	67.38
150 x 150mm TILE BEZELS - COMPACT RING GRATE				
	Satin Stainless with trap	110	TRA15/SS/B/T	148.65
	Nickel Bronze with trap	110	TRA15/NB/B/T	53.28
150 x 150mm TILE BEZELS - ANTI-LIGATURE GRATE				
	Satin Stainless with trap	110	TAA15/SS/B/T	162.75
	Nickel Bronze with trap	110	TAA15/NB/B/T	77.44
150 x 150mm TILE BEZELS - SOLID PLATE GRATE				
	Satin Stainless with trap	110	TBA15/SS/B/T	173.07
	Nickel Bronze with trap	110	TBA15/NB/B/T	95.98

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR		110MM PVC THROAT		
Description	Grates & Bezel Options	Outlet (mm)	Code	List Price £
200mm Ø CIRCULAR BEZELS - PLAIN CAP GRATE FOR VINYL				
	Satin Stainless with trap	110	VPA20/SS/B/T	219.70
	Nickel Bronze with trap	110	VPA20/NB/B/T	130.08
200mm Ø CIRCULAR BEZELS - STAR CAP GRATE FOR VINYL				
	Satin Stainless with trap	110	VSA20/SS/B/T	213.66
	Nickel Bronze with trap	110	VSA20/NB/B/T	155.42
200mm Ø CIRCULAR BEZELS - CONCENTRIC RING GRATE FOR VINYL				
	Satin Stainless with trap	110	VCA20/SS/B/T	167.81
	Nickel Bronze with trap	110	VCA20/NB/B/T	124.80
200mm Ø CIRCULAR BEZELS - COMPACT RING GRATE FOR VINYL				
	Satin Stainless with trap	110	VRA20/SS/B/T	164.69
	Nickel Bronze with trap	110	VRA20/NB/B/T	101.89
200mm Ø CIRCULAR BEZELS - ANTI-LIGATURE GRATE FOR VINYL				
	Satin Stainless with trap	110	VAA20/SS/B/T	175.49
	Nickel Bronze with trap	110	VAA20/NB/B/T	130.03
200mm Ø CIRCULAR BEZELS - SOLID PLATE GRATE FOR VINYL				
	Satin Stainless with trap	110	VBA20/SS/B/T	191.72
	Satin Stainless with plug seal	110	RA/VBA20/SS/B	179.26
	Nickel Bronze with trap	110	VBA20/NB/B/T	117.31
	Nickel Bronze with plug seal	110	RA/VBA20/NB/B	179.26

For all grates with plug seals RA/ please order a SEO5
For the security fixings see pg 261.

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FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	110MM PVC THROAT			
Description	Grates & Bezel Options	Outlet (mm)	Code	List Price £
150 x 150mm TILE BEZELS - PLAIN CAP GRATE				
	Satin Stainless with trap	110	TPA20/SS/B/T	202.07
	Nickel Bronze with trap	110	TPA20/NB/B/T	97.55
200 x 200mm TILE BEZELS - STAR GRATE				
	Satin Stainless with trap	110	TSA20/SS/B/T	197.62
	Nickel Bronze with trap	110	TSA20/NB/B/T	115.73
200 x 200mm TILE BEZELS - CONCENTRIC RING GRATE				
	Satin Stainless with trap	110	TCA20/SS/B/T	202.68
	Nickel Bronze with trap	110	TCA20/NB/B/T	116.18
200 x 200mm TILE BEZELS - COMPACT RING GRATE				
	Satin Stainless with trap	110	TRA20/SS/B/T	157.56
	Nickel Bronze with trap	110	TRA20/NB/B/T	95.98
200 x 200mm TILE BEZELS - ANTI-LIGATURE GRATE				
	Satin Stainless with trap	110	TAA20/SS/B/T	189.00
	Nickel Bronze with trap	110	TAA20/NB/B/T	119.35
200 x 200mm TILE BEZELS - SOLID PLATE GRATE				
	Satin Stainless with trap	110	TBA20/SS/B/T	183.44
	Nickel Bronze with trap	110	TBA20/NB/B/T	114.37

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR	110MM PVC THROAT			
Description	Grates & Bezel Options	Outlet (mm)	Code	List Price £
SQUARE GRATE 200 x 200mm				
	Satin Stainless with trap	110	SGA15/SS/B/T	138.04
	Nickel Bronze with trap	110	SGA15/NB/B/T	88.17
QUATTRO GRATE 200 x 200mm				
	Satin Stainless with trap	110	SHA15/SS/B/T	107.94
	Nickel Bronze with trap	110	SHA15/NB/B/T	80.59
SOLID PLATE GRATE 200 x 200mm				
	Satin Stainless	110	SBA15/SS/B/T	167.59
	Satin Stainless with plug seal	110	RA/SBA15/SS/B	195.79
	Nickel Bronze	110	SBA15/NB/B/T	85.74
	Nickel Bronze with plug seal	110	RA/SBA15/NB/B	99.67
HEEL PROOF STEEL GRATE 225 x 225mm				
	Satin Stainless with trap	110	SA225/SS/B/T	277.94
SHERARDIZED DUCTILE IRON CIRCULAR GRATE 220mm Ø				
	Satin Stainless with trap	110	CA220/DI/B/T	142.32
SQUARE HEAVY DUTY GRATE 323 x 323mm				
	Nickel Bronze with plug seal	110	SA300/DI/B/T	223.26

For all grates with plug seals RA/ please order a SEO5
For the security fixings see pg 261.

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FLOOR AND SHOWER SYSTEMS			
HARMER FLOOR		TRAP AND PIPE ADAPTORS	
Description	Dia	Code	List Price £Each
TRAP			
	100	B100/TRAP	39.61
PIPE ADAPTORS			
	100	ADP100/SML	55.77
	100	ADP100/PVCU	60.35

FLOOR DRAINAGE SYSTEMS				
HARMER FLOOR		BACKFLOW DRAINS		
Description	Outlet (mm)	Type	Code	List Price £
SINGLE FLAP DRAIN				
	110	Single Flap	HBF110S	49.63
DOUBLE FLAP DRAIN				
	110	Double Flap	HBF110D	82.75
DOUBLE FLAP DRAIN				
	160	Double Flap	HBF160D	136.57

HARMER

BUILDING DRAINAGE

HARMER SHOWER DRAINS THE ALUMINIUM & ABS RANGE

Harmer Shower Drains in either Aluminium or ABS offer a range of high performance drain bodies with a wide choice of caps and grates to suit any application.



Applications

- Compact drain bodies are ideal to install in all types of solid and suspended floor construction including installations where shallow invert pipework is essential, e.g. joisted timber floor construction
- Suited to tiled or flexible sheet floor applications
- Pebble and Plain caps; Concentric Ring and Star grates - available in a choice of materials
- Security fixings available to prevent unauthorised removal of caps and grates

Performance

- Meets requirements of BS EN 1253 for general design, flow performance and load testing
- Lightweight, durable and non-corrodible
- Super compact size
- High flow of up to 1.3 litres per second
- Compliant with K3 (300kg) load class
- Free running waterways, designed for self-cleaning
- Compatible with 43, 56 and 110mm UK pipe sizes
- Aluminium is 100% recyclable

Materials & Finishes

- Drain bodies and clamp rings precision cast in aluminium silicon alloy LM6 to BS EN 1559:
- BBA approved powder coating on drain bodies, clamps and tile frames
- Caps and grates available in powder coated aluminium, stainless steel, mirror finish and nickel bronze

Installation & Fixing

- Easy and quick to install
- Preformed Harmer Level Access Formers simplify the creation of drainage falls in joisted floor construction, Removable trap and top access roddable
- Drain bodies easily connect to other materials such as cast iron, HDPE, PVC-U and polypropylene
- Low maintenance and hygienic as easy clean cap design with fast flow trap offers unrestricted waterways, reduced hair snagging and dirt build-up

FLOOR AND SHOWER SYSTEMS

HARMER SHOWER

ALUMINIUM VERTICAL OUTLET
Flexible Sheet Floor

Description Grate Size Code List Price £

VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - WHITE PPC ALUMINIUM

	Pebble Cap White PPC Aluminium	150	AVS/WH	133.91
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VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - MIRROR FINISH

	Plain Cap Mirror Finish	150	AVS/CH	154.38
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VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - STAINLESS STEEL

	Plain Cap Stainless Steel	150	AVS/CS	254.38
	Concentric Ring Grate Stainless Steel	150	AVS/RS	254.38
	Star Grate Stainless Steel	150	AVS/SS	254.38
	Anti-Ligature Stainless Steel	150	AVS/AS	254.38

FLOOR AND SHOWER SYSTEMS

HARMER SHOWER

ALUMINIUM VERTICAL OUTLET
Flexible Sheet Floor

Description Grate Size Code List Price £

VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - NICKEL BRONZE

	Plain Cap Nickel Bronze	150	AVS/CN	254.38
	Concentric Ring Grate Nickel Bronze	150	AVS/RN	254.38
	Star Grate Nickel Bronze	150	AVS/SN	254.38
	Anti-Ligature Nickel Bronze	150	AVS/AN	254.38

FLOOR AND SHOWER SYSTEMS				
HARMER SHOWER		ALUMINIUM VERTICAL OUTLET Tiled Floor		
Description		Grate Size (mm)	Code	List Price £
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - WHITE PPC ALUMINIUM				
	Pebble Cap White PPC Aluminium	150 x 150	AVS/WH/T15	179.66
		200 x 200	AVS/WH/T20	187.17
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - MIRROR FINISH				
	Plain Cap Mirror Finish	150 x 150	AVS/CH/T15	203.79
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - STAINLESS STEEL				
	Plain Cap Stainless Steel	150 x 150	AVS/CS/T15	254.38
		200 x 200	AVS/CS/T20	299.56
	Concentric Ring Grate Stainless Steel	150 x 150	AVS/RS/T15	254.38
		200 x 200	AVS/RS/T20	299.56
	Star Grate Stainless Steel	150 x 150	AVS/SS/T15	254.38
		200 x 200	AVS/SS/T20	299.56
	Anti-Ligature Stainless Steel	150 x 150	AVS/AS/T15	240.71
		200 x 200	AVS/AS/T20	240.71

FLOOR AND SHOWER SYSTEMS				
HARMER SHOWER		ALUMINIUM VERTICAL OUTLET Tiled Floor		
Description	Grate Size (mm)	Code	List Price £	
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - NICKEL BRONZE				
 Plain Cap Nickel Bronze	150 x 150	AVS/CN/T15	254.38	
	200 x 200	AVS/CN/T20	299.56	
 Concentric Ring Grate Nickel Bronze	150 x 150	AVS/RN/T15	254.38	
	200 x 200	AVS/RN/T20	299.56	
 Star Grate Nickel Bronze	150 x 150	AVS/SN/T15	254.38	
	200 x 200	AVS/SN/T20	299.56	
 Anti-Ligature Nickel Bronze	150 x 150	AVS/AN/T15	254.38	
	200 x 200	AVS/AN/T20	254.38	

FLOOR AND SHOWER SYSTEMS				
HARMER SHOWER		ALUMINIUM HORIZONTAL OUTLET Flexible Sheet Floor		
Description	Grate Size (mm)	Code	List Price £	
HORIZONTAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - WHITE PPC ALUMINIUM				
 Pebble Cap White PPC Aluminium	150	AHS/WH	133.91	
HORIZONTAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - MIRROR FINISH				
 Plain Cap Mirror Finish	150	AHS/CH	154.38	
HORIZONTAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - STAINLESS STEEL				
 Plain Cap Stainless Steel	150	AHS/CS	254.38	
 Concentric Ring Grate Stainless Steel	150	AHS/RS	254.38	
 Star Grate Stainless Steel	150	AHS/SS	254.38	
 Anti-Ligature Stainless Steel	150	AHS/AS	254.38	

FLOOR AND SHOWER SYSTEMS			
HARMER SHOWER		ALUMINIUM HORIZONTAL OUTLET Flexible Sheet Floor	
Description	Grate Size (mm)	Code	List Price £
HORIZONTAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - NICKEL BRONZE			
 Plain Cap Nickel Bronze	150	AHS/CN	254.38
 Concentric Ring Grate Nickel Bronze	150	AHS/RN	254.38
 Star Grate Nickel Bronze	150	AHS/SN	254.38
 Anti-Ligature Nickel Bronze	150	AHS/AN	254.38

FLOOR AND SHOWER SYSTEMS				
HARMER SHOWER		ALUMINIUM HORIZONTAL OUTLET Tiled Floor		
Description		Grate Size (mm)	Code	List Price £
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - WHITE PPC ALUMINIUM				
	Pebble Cap White PPC Aluminium	150 x 150	AHS/WH/T15	179.66
		200 x 200	AHS/WH/T20	187.17
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - MIRROR FINISH				
	Plain Cap Mirror Finish	150 x 150	AHS/CH/T15	203.79
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - STAINLESS STEEL				
	Plain Cap Stainless Steel	150 x 150	AHS/CS/T15	254.38
		200 x 200	AHS/CS/T20	299.56
	Concentric Ring Grate Stainless Steel	150 x 150	AHS/RS/T15	254.38
		200 x 200	AHS/RS/T20	299.56
	Star Grate Stainless Steel	150 x 150	AHS/SS/T15	254.38
		200 x 200	AHS/SS/T20	299.56
	Anti-Ligature Stainless Steel	150 x 150	AHS/AS/T15	254.38
		200 x 200	AHS/AS/T20	299.56

FLOOR AND SHOWER SYSTEMS				
HARMER SHOWER		ALUMINIUM HORIZONTAL OUTLET Tiled Floor		
Description	Grate Size (mm)	Code	List Price £	
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - NICKEL BRONZE				
 Plain Cap Nickel Bronze	150 x 150	AHS/CN/T15	254.38	
	200 x 200	AHS/CN/T20	299.56	
 Concentric Ring Grate Nickel Bronze	150 x 150	AHS/RN/T15	254.38	
	200 x 200	AHS/RN/T20	299.56	
 Star Grate Nickel Bronze	150 x 150	AHS/SN/T15	254.38	
	200 x 200	AHS/SN/T20	299.56	
 Anti-Ligature Nickel Bronze	150 x 150	AHS/AN/T15	254.38	
	200 x 200	AHS/AN/T20	299.56	

FLOOR AND SHOWER SYSTEMS				
HARMER SHOWER		ABS Vertical Outlet - Flexible Sheet Floor/Tiled Floor		
Description	Grate Size (mm)	Code	List Price £	
VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - WHITE ABS				
 Pebble Cap White ABS	150	CVS/CP	69.03	
 Quadrant Cap White ABS	150	CVS/CQ	69.03	
VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - MIRROR FINISH				
 Plain Cap Mirror Finish	150	CVS/CH	84.34	
VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - STAINLESS STEEL				
 Anti-Ligature Stainless Steel	150	CVS/AS	245.60	
VERTICAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - NICKEL BRONZE				
 Anti-Ligature Nickel Bronze	150	CVS/AN	232.17	

FLOOR AND SHOWER SYSTEMS				
HARMER SHOWER		ABS Vertical Outlet - Flexible Sheet Floor/Tiled Floor		
Description		Grate Size (mm)	Code	List Price £
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - WHITE ABS				
	Pebble Cap White ABS	150 x 150	CVS/CP/T15	69.03
		200 x 200	CVS/CP/T20	69.03
	Quadrant Cap White ABS	150 x 150	CVS/CQ/T15	69.03
		200 x 200	CVS/CQ/T20	69.03
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - MIRROR FINISH				
	Plain Cap Mirror Finish	150 x 150	CVS/CH/T15	84.34
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - STAINLESS STEEL				
	Anti-Ligature Stainless Steel	150 x 150	CVS/AS/T15	245.60
		200 x 200	CVS/AS/T20	245.60
VERTICAL SHOWER DRAINS - FOR TILED FLOORING - NICKEL BRONZE				
	Anti-Ligature Nickel Bronze	150 x 150	CVS/AN/T15	263.28
		200 x 200	CVS/AN/T20	263.28

FLOOR AND SHOWER SYSTEMS			
HARMER SHOWER		ABS Horizontal Outlet - Flexible Sheet Floor/Tiled Floor	
Description	Grate Size (mm)	Code	List Price £
HORIZONTAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - WHITE ABS			
 Pebble Cap White ABS	150	CHS/CP	69.03
 Quadrant Cap White ABS	150	CHS/CQ	69.03
HORIZONTAL SHOWER DRAINS - FOR FLEXIBLE SHEET FLOORING - MIRROR FINISH			
 Plain Cap Mirror Finish	150	CHS/CH	84.34
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - WHITE ABS			
 Pebble Cap White ABS	150 x 150	CHS/CP/T15	69.03
	200 x 200	CHS/CP/T20	69.03
 Quadrant Cap White ABS	150 x 150	CHS/CQ/T15	69.03
	200 x 200	CHS/CQ/T20	69.03
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - MIRROR FINISH			
 Plain Cap Mirror Finish	150 x 150	CHS/CH/T15	84.34

FLOOR AND SHOWER SYSTEMS			
HARMER SHOWER		ABS Horizontal Outlet - Flexible Sheet Floor/Tiled Floor	
Description	Grate Size (mm)	Code	List Price £
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - STAINLESS STEEL			
 Anti-Ligature Stainless Steel	150 x 150	CHS/AS/T15	245.60
	200 x 200	CHS/AS/T20	245.60
HORIZONTAL SHOWER DRAINS - FOR TILED FLOORING - NICKEL BRONZE			
 Plain Cap Mirror Finish	150 x 150	CHS/AN/T15	232.17
	200 x 200	CHS/AN/T20	232.17
HORIZONTAL SHOWER DRAINS - FOR VINYL FLOORING - STAINLESS STEEL & NICKEL BRONZE			
 Anti-Ligature Stainless Steel	150 x 150	CHS/AS	245.60
 Anti-Ligature Nickel Bronze	200 x 200	CHS/AN	245.60
SUNDRY ITEMS			
Description	Description	Code	List Price £
Snake Eye Threaded	M5 x 16mm Countersunk Snake Eye Threaded	M5/SNAKE/16	5.21
Snake Eye Threaded	M5 x 25mm Countersunk Snake Eye Threaded	M5/SNAKE/25	5.21
Power Driver	No 10 x ¼ Hex Power Driver to suit Snake Eye Threaded	SE05	15.79

HARMER

BUILDING DRAINAGE

MODULAR 120 STAINLESS STEEL FLOOR CHANNELS

Harmer Modular 120 features a high performance Stainless Steel modular channel system in a range of depths with a choice of grating finishes to suit a variety of internal drainage applications.



Harmer Modular 120 features a high performance stainless steel modular channel system in a range of depths with a choice of grating finishes to suit a variety of internal drainage applications.

Applications

- Modular 120 is suitable for a wide range of applications, including School & Leisure, Food Production & Processing, Commercial Kitchens, Breweries, Retail and Chemical & Pharmaceutical
- Off the shelf stocked product range
- Designed to drain high volumes of effluent water

Materials & Finishes

- Available as standard in grade 304 Stainless Steel and also available in made to order 316 grade Stainless Steel
- All Stainless Steel is fully pickle passivated to ensure a high quality corrosion resistant drainage system
- Available in a choice of 3 grate finishes (Anti-Slip, Quattro & Ladder) depending on design and load class requirements to BS EN:1433 - A15 (15kN) & C250 (250 kN)
- Supplied with a synthetic edge infill to all channel lengths to ensure a resistance to high loads
- Channels are available in 1000mm or 500mm lengths
- Available in a range of sloping and level invert depths from 50-100mm

Performance

- Fully tested and classified to BS EN:1433 - *Drainage Channels for Vehicular & Pedestrian Areas*
- Excellent corrosion resistance

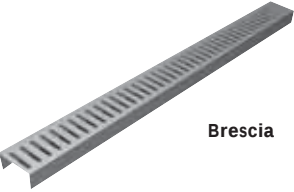
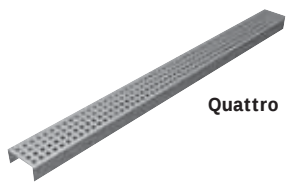
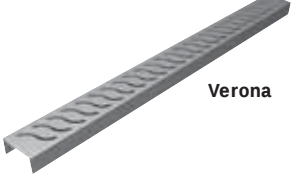
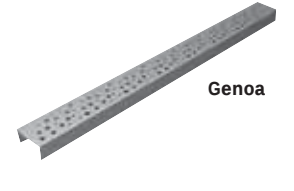
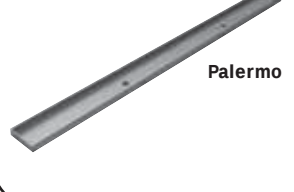
Installation & Fixing

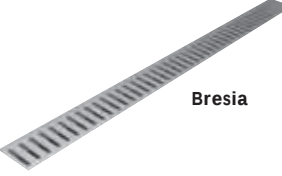
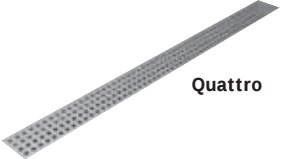
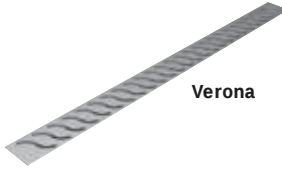
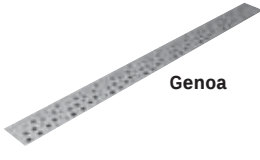
- Suitable for tiled, resin or concrete floor applications
- All channel lengths are supplied with concrete anchor tangs and levelling feet
- Each channel section is jointed using bolted flange plates, with a neoprene gasket to ensure a water-tight seal
- Channels are available with closing end plates

FLOOR DRAINAGE SYSTEMS			
HARMER FLOOR		MODULAR 120 STAINLESS STEEL CHANNELS	
Description	Depth	Product Code	List Price £
MODULAR CHANNEL CONSTANT DEPTH - supplied with 2x flange joint, gaskets, fixing bolts, fixing tangs and levelling feet			
 L = 500mm L = 1000mm	50mm	M550	135.63
	60mm	M560	135.63
	70mm	M570	135.63
	80mm	M580	135.63
	90mm	M590	135.63
	100mm	M5100	135.63
	50mm	M1050	171.82
	60mm	M1060	171.82
	70mm	M1070	171.82
	80mm	M1080	171.82
	90mm	M1090	171.82
	100mm	M10100	171.82
MODULAR CHANNEL SLOPING DEPTH - supplied with 2x flange joint, gaskets, fixing bolts, fixing tangs and levelling feet			
 L = 500mm L = 1000mm	50-60mm	M55060	135.63
	60-70mm	M56070	135.63
	70-80mm	M57080	135.63
	80-90mm	M58090	135.63
	90-100mm	M590100	135.63
	50-60mm	M105060	171.82
	60-70mm	M106070	171.82
	70-80mm	M107080	171.82
	80-90mm	M108090	171.82
	90-100mm	M1090100	171.82

FLOOR DRAINAGE SYSTEMS			
HARMER FLOOR		MODULAR 120 STAINLESS STEEL CHANNELS	
Description	Depth	Product Code	List Price £
MODULAR CHANNEL (with Centre Outlet) - supplied with 2x flange joint, gaskets, fixing bolts, fixing tangs, levelling feet, foul air trap & sieve			
 			

FLOOR DRAINAGE SYSTEMS			
HARMER FLOOR		MODULAR 120 STAINLESS STEEL CHANNELS	
Description	Length	Product Code	List Price £
MODULAR ANTI-SLIP GRATING (25 x 2mm) A15			
	500mm	MMESH500	94.82
	1000mm	MMESH1000	167.95
MODULAR QUATTRO GRATING A15			
	500mm	MQUAT500	71.62
	1000mm	MQUAT1000	112.74
MODULAR LADDER GRATING (25 x 4mm) C250			
	500mm	MLADD500	127.32
MODULAR END PLATE		DEPTH	
	50mm	M050EP	21.21
	60mm	M060EP	21.21
	70mm	M070EP	21.21
	80mm	M080EP	21.21
	90mm	M090EP	21.21
	100mm	M100EP	21.21
ACCESSORIES		DIMENSION	
Replacement Foul Air Trap	110mm	MMODFAT	27.58
Replacement Sieve	110mm	MMODSIE	8.50
Sediment Bucket	110mm	MMODBUC	14.85

FLOOR DRAINAGE SYSTEMS							
HARMER FLOOR		STAINLESS STEEL SHOWER CHANNELS SHOWER CHANNEL FOR TILED FLOORS					
Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price	Code	List Price
SPA SHOWER CHANNEL (includes grate, channel and outlet)				Standard		With Flange	
	50	700	Brescia	SC/700/B	349.14	SCF/700/B	375.24
	50	800	Brescia	SC/800/B	360.44	SCF/800/B	390.61
	50	900	Brescia	SC/900/B	377.16	SCF/900/B	406.03
	50	1000	Brescia	SC/1000/B	391.96	SCF/1000/B	423.60
	50	1200	Brescia	SC/1200/B	413.67	SCF/1200/B	452.09
	50	700	Quattro	SC/700/Q	349.14	SCF/700/Q	375.24
	50	800	Quattro	SC/800/Q	360.44	SCF/800/Q	390.61
	50	900	Quattro	SC/900/Q	377.16	SCF/900/Q	406.03
	50	1000	Quattro	SC/1000/Q	391.96	SCF/1000/Q	423.60
	50	1200	Quattro	SC/1200/Q	413.67	SCF/1200/Q	452.09
	50	700	Verona	SC/700/V	349.14	SCF/700/V	375.24
	50	800	Verona	SC/800/V	360.44	SCF/800/V	390.61
	50	900	Verona	SC/900/V	377.16	SCF/900/V	406.03
	50	1000	Verona	SC/1000/V	391.96	SCF/1000/V	423.60
	50	1200	Verona	SC/1200/V	413.67	SCF/1200/V	452.09
	50	700	Genoa	SC/700/G	349.14	SCF/700/G	375.24
	50	800	Genoa	SC/800/G	360.44	SCF/800/G	390.61
	50	900	Genoa	SC/900/G	377.16	SCF/900/G	406.03
	50	1000	Genoa	SC/1000/G	391.96	SCF/1000/G	423.60
	50	1200	Genoa	SC/1200/G	413.67	SCF/1200/G	452.09
	50	700	Palermo	SC/700/P	349.14	SCF/700/P	375.24
	50	800	Palermo	SC/800/P	360.44	SCF/800/P	390.61
	50	900	Palermo	SC/900/P	377.16	SCF/900/P	406.03
	50	1000	Palermo	SC/1000/P	391.96	SCF/1000/P	423.60
	50	1200	Palermo	SC/1200/P	413.67	SCF/1200/P	452.09

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		STAINLESS STEEL SHOWER CHANNELS Shower Channel for Vinyl Floors			
Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £
SPA SHOWER CHANNEL (includes grate, channel and outlet)					
	50	700	Brescia	SCV/700/B	386.00
	50	800	Brescia	SCV/800/B	409.95
	50	900	Brescia	SCV/900/B	434.74
	50	1000	Brescia	SCV/1000/B	469.93
	50	1200	Brescia	SCV/1200/B	498.58
	50	700mm	Quattro	SCV/700/Q	386.00
	50	800mm	Quattro	SCV/800/Q	409.95
	50	900mm	Quattro	SCV/900/Q	434.74
	50	1000mm	Quattro	SCV/1000/Q	469.93
	50	1200mm	Quattro	SCV/1200/Q	498.58
	50	700	Verona	SCV/700/V	386.00
	50	800	Verona	SCV/800/V	409.95
	50	900	Verona	SCV/900/V	434.74
	50	1000	Verona	SCV/1000/V	469.93
	50	1200	Verona	SCV/1200/V	498.58
	50	700	Genoa	SCV/700/G	386.00
	50	800	Genoa	SCV/800/G	409.95
	50	900	Genoa	SCV/900/G	434.74
	50	1000	Genoa	SCV/1000/G	469.93
	50	1200	Genoa	SCV/1200/G	498.58

FLOOR DRAINAGE SYSTEMS					
HARMER FLOOR		STAINLESS STEEL SHOWER CHANNELS AND SHOWER DRAINS Shower Channel for Vinyl Floors			
Description	Outlet (mm)	Grate (mm)	Grate Type	Code	List Price £
SPA CHANNEL CORNER					
	50	500 x 500	Brescia	SCC/500/B	533.27
	50	500 x 500	Quattro	SCC/500/Q	533.27
	50	500 x 500	Verona	SCC/500/V	533.27
	50	500 x 500	Genoa	SCC/500/G	533.27
	50	500 x 500	Palermo	SCC/500/P	533.27
SHOWER DRAINS HORIZONTAL					
	50	100 x 100	Cerchio	SBH32/S10/C	191.24
	50	100 x 100	Fiore	SBH32/S10/F	£191.24
	50	100 x 100	Genoa	SBH32/S10/G	191.24
SHOWER DRAINS VERTICAL					
	50	100 x 100	Cerchio	SBV40/S10/C	180.09
	50	100 x 100	Fiore	SBV40/S10/F	180.09
	50	100 x 100	Goccia	SBV40/S10/G	180.09

WADE

BUILDING DRAINAGE



WADE

FLOOR GULLIES

Quality floor drains, floor gullies, gully gratings and access covers*, to suit a myriad of applications. For most floor finishes and construction types, we can offer a tailor made solution from our standard floor drain range.

Stainless Steel Gullies



See page 330

Shower Gullies



See page 333

Miscellaneous Gullies



See page 344

Cast Iron Vari-Level Floor Gullies & Access Covers



See page 310

Direct Connection Gratings & Access Covers



See page 334

ACCESS COVERS

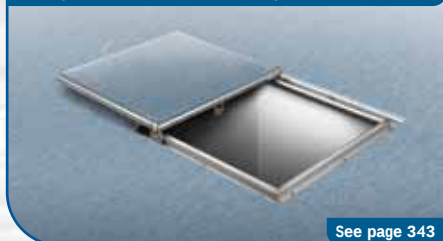
Wade offers a comprehensive range of high-quality access covers.

General Purpose Access Covers



See page 334

Sliding Access For Sheet Flooring

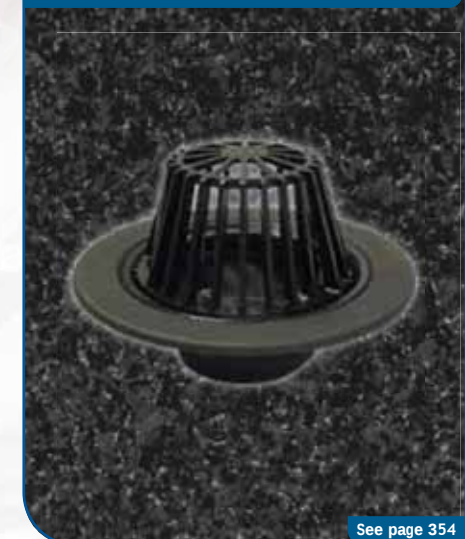


See page 343

ROOF OUTLETS

Wade offers a range of Cast Iron roof drainage products with roof outlets available to drain different types of roof construction.

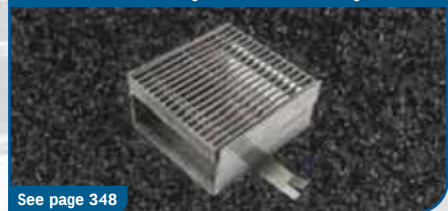
Cast Iron Roof Outlets



See page 354

LINEAR DRAINAGE

Stainless Steel Drainage Channel & Gratings



See page 348

Stainless Steel Hidden Channel



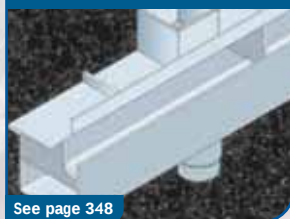
See page 348

Stainless Steel Supaslot Channel



See page 348

Stainless Steel Threshold Channel



See page 348

Specialised Applications



See page 348

GREASE / SEDIMENT

Automatic Grease Converters



See page 371

Sediment Interceptors



See page 369

WATER POINTS

Water Points



See page 370

FLOOR GULLIES



Wade Floor Drains offer a market leading, comprehensive range of floor drains and gullies in Cast Iron, Stainless Steel, Nickel Bronze and ABS for all applications and load class requirements.

Applications

- Vari-Level range allowing fine adjustability of the grate or access cover, enabling installation exactly at the finished floor level.
- A range of stainless-steel gully assemblies is available for use, particularly in areas associated with food production, processing or preparation where corrosion resistance or minimum maintenance is a requirement.
- Wade offers a comprehensive range of high-quality access covers, sometimes referred to as cleanouts or rodding eyes.
- Direct connection for applications where a gully body is not required.
- Uni-Level are designed for applications with asphalt/composition finished floors.
- Multi-Level are height-adjustable gullies designed for use with unfinished floors.
- A range of drainage for specialised applications including planting areas and high capacity gullies.

Performance

- High flow performance
- High sump volume
- Excellent corrosion resistance
- Cast Iron is 100% recyclable
- Trapped - all Wade stainless steel body assemblies are trapped. Some versions can be supplied as non-trap if required
- Choice of Gratings - including Perforated, Anti-Slip mesh, Plain mesh, Bar and Streamline

Installation & Fixing

- **Comprehensive range for all applications and installation types**
- **Easy and quick to install**
- **Easy to clean and maintain**

Materials & Finishes

- Ductile Iron - for use in unfinished floors such as in plant rooms and car parks; also, for restoration or refurbishment projects to match period architecture
- Nickel bronze - for use in pedestrian areas; versions are available to suit a variety of floor finishes including ceramic or vinyl tiles, marble, paviers, terrazzo, resin, carpet or wood;
- Stainless steel - for use in high specification applications including food preparation, prison cells, and areas where high corrosion resistance is a requirement.

ACCESS COVERS



Wade offers a comprehensive range of high-quality access covers, sometimes referred to as cleanouts or rodding eyes, which complement wall and floor finishes. Along with a double sealed sliding access cover.

Applications

- Nickel Bronze (BS EN 1982) Satin finish General Purpose Access Cover, for use with tiles, marble, terrazzo, resin etc. flooring (Unsealed, secured removable).
- Durable, superbly finished items particularly suited to a high volume of pedestrian traffic.
- Inspection chamber or a service duct within a building where sheet floor covering is used with the double sealed sliding access cover. A watertight joint formed between the sheet floor covering and the edge of the frame, prevents water from seeping into the structure.

Performance

- Type - Sealed or unsealed with either a removal cover or a recessed cover.
- Durable - Durable, superbly finished items particularly suited to a high volume of pedestrian traffic.
- Access Covers Load Class Rating - L15 - M125.

Inspection Chamber

- Airtight - Double sealed by closed cell neoprene gaskets to meet all current building regulations.
- Watertight - Clamped flooring prevents water from seeping into the structure.
- Hygienic - Stainless Steel grade 304, no holes, recesses or dirt traps.
- Load Class Rating - K3.

- Reliable - Floor material edges remain clamped even when cover is removed.
- Safe - All edges of floor material are securely clamped in position by concealed clamp strips. No steps or exposed edges.
- Vandal Resistant - Cover can only be opened after loosening several screws. Can also be supplied with pin Torx screws for security applications.
- Floor Type - Use with vinyl / material thickness 2mm - 4mm.

Installation & Fixing

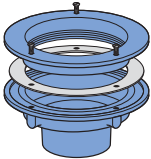
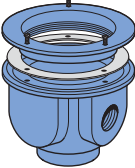
- Inspection chambers have a watertight joint formed between the sheet floor covering and the edge of the frame, prevents water from seeping into the structure.

Materials & Finishes

- Nickel Bronze - BS EN 1982: Used with satin finish for gratings, funnels and access covers. A cast alloy with a fine grain effect which blends well with most floor finishes
- Inspection Chamber - Stainless Steel grade 304 in a range of sizes from 450 x 450mm to 900 x 600mm.

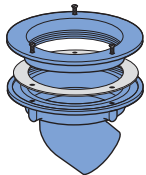
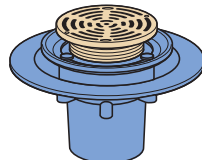
WADE - FLOOR DRAINAGE SYSTEMS

CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS

Description	Code	Type	Price £
VARI-LEVEL NON-TRAPPED BODIES - CAST IRON MEDIUM SUMP		TYPE	
 Vertical Outlet	C202	2"BSP	22.98
	C203	3"BSP	24.12
	C204	4"BSP	24.53
	C343	82 Plastic	19.47
	C344	110 Plastic	20.02
	C363	75 BS437	18.32
	C364	100 BS437	19.47
	C393	75 BS416	18.32
	C344	100 BS416	20.02
	C.C	Membrane Clamping Collar	10.59
VARI-LEVEL NON-TRAPPED BODIES - CAST IRON DEEP SUMP			
 Vertical Outlet	C502	2"BSP	66.99
	C503	3"BSP	55.88
	C504	4"BSP	41.40
	C.C	Membrane Clamping Collar	10.59

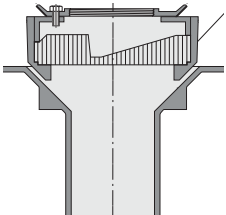
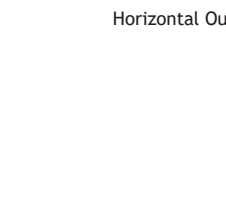
WADE - FLOOR DRAINAGE SYSTEMS

CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS

Description	Code	Type	Price £
VARI-LEVEL NON-TRAPPED BODIES - CAST IRON ANGLED / SIDE OUTLET			
 45° Outlet Side Outlet	B504	4"BSP	52.80
	D604	4"BSP	132.00
	D702	2"BSP	102.52
	D703	3"BSP	135.19
	D704	4"BSP	135.19
	C.D	Membrane Clamping Collar	19.14
	VARI-LEVEL NON-TRAPPED BODIES - CAST IRON - FOR USE WITH BITUMINOUS MEMBRANE		
 Vertical Outlet Horizontal Outlet	D1002	2"BSP	45.98
	D1003	3"BSP	45.15
	D1004	4"BSP	54.14
	D1107	50mm BS 416	53.07
	D1108	75mm BS 416	53.71
	D1109	100mm BS 416	67.41
	D1207	2"BSP	115.06
	D1208	3"BSP	111.98
	D1209	4"BSP	119.13
	C.D10	Membrane Clamping Collar	19.80

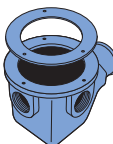
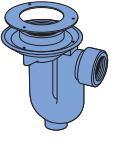
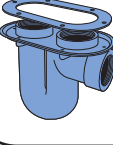
WADE - FLOOR DRAINAGE SYSTEMS

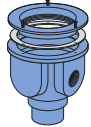
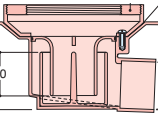
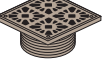
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS

Description	Code	Type	Price £
VARI-LEVEL NON-TRAPPED BODIES - CAST IRON - FOR SUB-SURFACE DRAINAGE SUCH AS WITH CAVITY MEMBRANES			
 Vertical Outlet	SD102	2"BSP	138.35
	SD103	3"BSP	138.78
	SD104	4"BSP	147.77
	SD202	50mm BS 416	146.70
	SD203	75mm BS 416	147.34
	SD204	100mm BS 416	160.93
	SD402	2"BSP	252.52
	SD403	3"BSP	252.95
	SD404	4"BSP	262.04
	SD502	50mm BS 416	260.87
 Horizontal Outlet	SD503	75mm BS 416	261.51
	SD504	100mm BS 416	POA
	SD302	2"BSP	205.44
	SD303	3"BSP	202.44
	SD304	4"BSP	209.51
	SD602	2"BSP	319.72
	SD603	3"BSP	316.72
	SD604	4"BSP	323.68

WADE - FLOOR DRAINAGE SYSTEMS

CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS

Description	Code	Type	Price £
VARI-LEVEL TRAPPED BODIES - CAST IRON 'P' TRAPPED 50MM SEAL			
	G102	2"BSP	64.13
	G202	2"BSP	70.40
	G203	3"BSP	61.07
	G303	75mm BS 416	68.20
	G304	100mm BS 416	52.80
VARI-LEVEL TRAPPED BODIES - CAST IRON 'S' TRAPPED 50MM SEAL			
	G502	2"BSP	77.22
	G503	3"BSP	67.43
	G603	75mm BS 416	66.44
	G604	100mm BS 416	61.27
	G1014	100mm BS 416	60.24
VARI-LEVEL TRAPPED BODIES - CAST IRON 'H' TRAPPED 100MM SEAL			
	H102	2"BSP	119.96
	H203	3"BSP	265.37
	H204	4"BSP	270.60
VARI-LEVEL TRAPPED BODIES - CAST IRON 'P' Trapped RODDING ACCESS 100MM SEAL			
	J204	4"BSP	385.33

WADE - FLOOR DRAINAGE SYSTEMS			
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS			
Description	Code	Type	Price £
VARI-LEVEL TRAPPED BODIES - CAST IRON			
 Bell Trapped - 50mm Seal Membrane Clamping Collar Bottle Trapped - 50mm Seal	GD144	100mm BS 416	309.54
	GD164	100mm BS437	291.25
	C.D	Cast Iron D Series	19.14
	C.C	Cast Iron C Series	10.59
	GC144	100mm BS 416	109.81
VARI-LEVEL TRAPPED BODIES - ABS			
 'P' Trapped - 50mm Seal	GP312	50mm plastic	58.89
	GP1104	110 plastic/BS416	34.67
'S' Trapped - 50mm Seal	GP614	110/50mm plastic	58.89
VARI-LEVEL GRATINGS - CAST IRON, SHERARDIZED 4" NPSM			
	K2103CI	155mm dia	80.52
	L2501CI	150 sq	107.23
	K2501	176mm dia	25.74
	L2601	150 sq	28.49

WADE - FLOOR DRAINAGE SYSTEMS			
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS			
Description	Code	Type	Price £
VARI-LEVEL GRATINGS - STAINLESS STEEL GRADE 304 - SATIN FINISH 4" NPSM			
	K1807*	176mm dia	97.19
	K2107	150mm dia	134.86
	K2307*	176mm dia	158.77
	K2407	150mm dia	182.68
	K2801	140mm dia	168.60
	K2901	114mm dia	199.86
	K3407*	176mm Dia	239.60
VARI-LEVEL GRATINGS - STAINLESS STEEL GRADE 304 - SATIN FINISH 4" NPSM SECURITY GRATINGS			
	K3504	150mm dia	152.56
	K3604*	176mm dia	169.22
 3" NPSM	L2105	101 sq	103.50
	L2106	147 sq	160.74
VARI-LEVEL GRATINGS - STAINLESS STEEL GRADE 304 - SATIN FINISH 4" NPSM STREAMLINE GRATINGS			
	L2901	150 sq	176.88
	L2902	200 sq	209.28

WADE - FLOOR DRAINAGE SYSTEMS				
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS				
Description		Code	Type	Price £
VARI-LEVEL GRATINGS - STAINLESS STEEL GRADE 304 - SATIN FINISH 4"NPSM PERFORATED GRATINGS				
 (Round Holes)	L3101	150 sq	104.22	
 (Round Holes)	L3102	200 sq	145.21	
 (square holes)	L3201	150 sq	104.22	
 (square holes)	L3202	200 sq	154.33	
 (8 Round Holes)	L3801	173 sq	166.01	
 (8 Round Holes)	L3802	223 sq	181.94	
 (8 sq. Holes)	L3901	173 sq	166.01	
 (8 sq. Holes)	L3902	223 sq	181.94	
VARI-LEVEL GRATINGS - STAINLESS STEEL GRADE 304 - SATIN FINISH 4"NPSM ANTI-SLIP MESH GRATINGS				
	L3301	150 sq	118.51	
	L3302	200 sq	150.90	
	L3601	173 sq	157.01	
	L3602	223 sq	176.88	

WADE - FLOOR DRAINAGE SYSTEMS			
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS			
Description	Code	Type	Price £
VARI-LEVEL GRATINGS - STAINLESS STEEL GRADE 304 - SATIN FINISH 4"NPSM PLAIN MESH GRATINGS			
	L3401	150 sq	118.51
	L3402	200 sq	150.90
	L3501	173 sq	144.38
	L3502	223 sq	176.88
	L3701	173 sq	202.86
	L3702	223 sq	235.26
 (8 Round Holes)	L3801	173 sq	166.01
 (8 Round Holes)	L3802	223 sq	181.94
 (8 sq. Holes)	L3901	173 sq	166.01
 (8 sq. Holes)	L3902	223 sq	181.94
VARI-LEVEL GRATINGS - STAINLESS STEEL GRADE 304 - SATIN FINISH 4"NPSM			
	L3701	173 sq	202.86
	L3702	223 sq	235.26

WADE - FLOOR DRAINAGE SYSTEMS			
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS			
Description	Code	Type	Price £
VARI-LEVEL GRATINGS - NICKEL BRONZE - CIRCULAR GRATING			
 98mm Dia	K2041	2" BSP	83.49
 (3" THROAT) 142mm Dia	K2301	3" NPSM	76.07
 (3" THROAT) 135mm Dia	K2102	3" NPSM	49.99
VARI-LEVEL GRATINGS - NICKEL BRONZE - CIRCULAR GRATING - 4" NPSM			
 152mm Dia	K2103	152mm Dia	60.96
 135mm Dia	K2142	135mm Dia	53.13
 Base 176mm Dia	K2201	Base 176mm Dia	137.72
 135mm Dia	K2101	135mm Dia	39.02
 176mm Dia	K2302	176mm Dia	98.53
 250mm Dia	K2303	250mm Dia	206.25
 (Stainless Steel Flange) 152mm Dia	K2401	(Stainless Steel Flange) 152mm Dia	92.62

WADE - FLOOR DRAINAGE SYSTEMS			
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS			
Description	Code	Type	Price £
VARI-LEVEL GRATINGS - NICKEL BRONZE - FUNNEL WITH CIRCULAR BASE 4" NPSM			
 K2601	K2601	Oval	205.04
 K2701	K2701	Round	181.28
 135mm Dia	K3101	Dome	88.44
 K3301	K3301	Round	135.57
 K3302	K3302	Oval	180.95
 K3401	K3401	Svf Round	156.91
 K3402	K3402	Svf Oval	196.68
VARI-LEVEL GRATINGS - NICKEL BRONZE - SQUARE GRATING			
 100mm	L2041	2" NPSM	72.49
 (3" THROAT) 101mm	L2101	3" NPSM	39.02
VARI-LEVEL GRATINGS - NICKEL BRONZE - SQUARE GRATING - 4" NPSM			
 L2102	L2102	135mm	143.00
 L2103	L2103	150mm	66.14
 L2104	L2104	201mm	147.18
 L2141	L2141	101mm	39.02

WADE - FLOOR DRAINAGE SYSTEMS				
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS				
Description		Code	Type	Price £
VARI-LEVEL GRATINGS - NICKEL BRONZE GRATING 3" NPSM - 3" THROAT				
 Rectangular		L2201	102 x 204mm	116.49
 Johnson		L2402	115mm	166.10
 Pilkington / Gail 4420		L2404	150mm	86.11
 Ruabon		L2407	150mm	198.11
VARI-LEVEL GRATINGS - NICKEL BRONZE GRATING 4" NPSM				
 Rectangular		L2202	125 x 430mm	281.16
 Rectangular		L2241	102 x 204mm	109.50
 Platt 2300		L2406	150mm	159.08
		L2301	150mm	51.54
 Ceramic		L2408	150mm	183.15

WADE - FLOOR DRAINAGE SYSTEMS				
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS				
Description		Code	Type	Price £
VARI-LEVEL GRATINGS - NICKEL BRONZE GRATING 4" NPSM				
 Floral		L2501	150mm	94.29
 Hinged		L3001	161mm	163.90
VARI-LEVEL ACCESS COVERS - DUCTILE IRON, SHERARDIZED 4" NPSM				
		K5801	176mm Dia	74.42
		L5701	150mm Dia	76.07

WADE - FLOOR DRAINAGE SYSTEMS				
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS				
Description		Code	Type	Price £
VARI-LEVEL ACCESS COVERS - STAINLESS STEEL GRADE 304 - 4" NPSM				
 Sheradized Cast Iron Frame		K5107	176mm Dia	184.85
		K5207	150mm Dia	158.77
		K5307	150mm Dia	208.76
		K5507	150mm Dia	158.77
 Sheradized Cast Iron Frame		K5607	176mm Dia	168.39
 Hinged		L5305	135mm	118.92
 Hinged		L5308	150mm	129.17
		L5507	147mm	183.51
		L5807	150mm	189.20

WADE - FLOOR DRAINAGE SYSTEMS				
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS				
Description		Code	Type	Price £
VARI-LEVEL ACCESS COVERS - NICKEL BRONZE - 3" NPSM - 3" THROAT				
 Sheradized Cast Iron Frame		K5101	142mm Dia	99.15
		K5201	135mm Dia	96.47
VARI-LEVEL ACCESS COVERS - NICKEL BRONZE - 4" NPSM				
 Sheradized Cast Iron Frame		K5103	250mm Dia	216.83
 Sheradized Cast Iron Frame		K5102	176mm Dia	113.75
		K5202	135mm Dia	73.04
		K5203	150mm Dia	76.34
		K5241	135mm Dia	103.73
 Stainless Flange		K5301	152mm Dia	134.55
 Access Plug		K5401	155mm Dia	194.04
		K5501	152mm Dia	86.84
 Sheradized Cast Iron Frame		K5601	176mm Dia	118.92
		K5701	152mm Dia	188.98

WADE - FLOOR DRAINAGE SYSTEMS			
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS			
Description	Code	Type	Price £
VARI-LEVEL ACCESS COVERS - NICKEL BRONZE - 4" NPSM			
	L5101	135mm	68.52
	L5103	160mm	137.39
 Hinged	L5201	150mm	57.13
 Hinged	L5301	150mm	92.94
 Hinged	L5401	150mm	123.37
	L5501	150mm	90.46
	L5601	150mm	79.80

WADE - FLOOR DRAINAGE SYSTEMS		
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS		
Description	Code	Price £
FLOOR GULLY ACCESSORIES		
ABS TP series Pipework Grating / Cover to Pipework Adaptor	TP702	23.43
Cast Iron Vari-Level Extension, with 3" NPSM dia. outlet	U101	32.78
Cast Iron Vari-Level Extension, with 4" NPSM dia. vertical outlet	U102	25.47
Cast Iron Vari-Level Extension, with 4" NPSM dia. vertical outlet	U103	31.89
Cast Iron Vari-Level Extension, with 4" NPSM dia. vertical outlet	U104	39.38
Stainless Steel General Purpose Portable Funnel	U1202	156.43
Stainless Steel General Purpose Portable Funnel	U1203	156.43
General Purpose Removable Bottle Trap (50mm trap seal depth)	U1404	48.90
General Purpose Removable Bell Trap (50mm trap seal depth)	U1704	38.84
General Purpose Removable Bell Trap (50mm trap seal depth)	U1706	123.05
Cast Iron Multi-Level Extension	U301	130.54
Nickel Bronze General Purpose Bolt-on Funnel To take single indirect waste pipe	U501	49.97
Mild Steel General Purpose Bolt-on Funnel To take single indirect waste pipe	U502	34.21
Stainless Steel General Purpose Bolt-on Funnel single indirect waste pipe - Polished	U511	140.81
Nickel Bronze General Purpose Bolt-on Funnel To take multiple indirect waste pipes; for use with gratings - min. 150 mm dia. / sq	U601	88.00

WADE - FLOOR DRAINAGE SYSTEMS

CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS

Description	Code	Price £
FLOOR GULLY ACCESSORIES		
Cast Iron General Purpose Bolt-on Funnel To take multiple indirect waste pipes; for use with gratings min. 150 mm dia. / sq	U602	44.99
Vari-Level Backwater Valve (For use with 3" throat vari-level / direct connection gratings and access covers)	U703	44.99
Stainless Steel Vari-Level Backwater Valve (For use with 4" throat vari-level/direct connection gratings and access covers. Max flow rate of 0.3 l/s)	U704	43.76
Cast Iron General Purpose Deep Seal 'P' Trap (125mm water seal), with 3" BSP dia outlet	U903	117.49
Cast Iron General Purpose Deep Seal 'P' Trap (132mm water seal), with 4" BSP dia outlet	U904	267.08
ABS Vari-Level Extension, with 4" NPSM dia vertical outlet	UP104	34.24
Vari-Level Filter Bucket	UP701	13.48
Vari-Level Filter Bucket	UP702	24.18

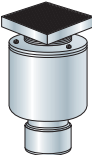
WADE - FLOOR DRAINAGE SYSTEMS

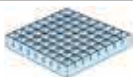
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS

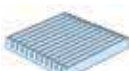
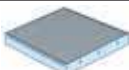
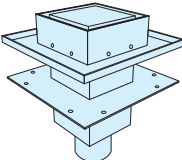
Description	Code	Price £
FLOOR GULLY ADAPTORS		
Sherardized 2" BS416 Spigot x 90 LG	T101	15.42
Spigot 3" BS416 X 90 LG	T102	18.32
4" BS416/DIN19522 X 90	T103	19.25
6" BS416/DIN19522 X 90	T104	32.56
Spigot 4" BS437 X 90 LG	T105	19.25
Spigot 6" BS437 X 90 LG	T106	25.74
Spigot 75 I.D. DIN19522 X 90	T108	20.46
Adaptor 4"CI / Supersleve - SA14/1	T1103	28.60
4" NPSM Gully Adaptor	T1301	25.19
3"NPSM Gully Adaptor	T1302	42.95
Circular 4" Gully Adaptor	T1401	10.25
Circular 3" Gully Adaptor	T1402	10.25
Coupling 100-115 Pipe	T1501	19.46
3" 416/EN50425 GT1270-75	T1603	32.78

WADE - FLOOR DRAINAGE SYSTEMS		
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS		
Description	Code	Price £
FLOOR GULLY ADAPTORS		
2"BSP 50MM PVC SDW6-GREY	T1702	7.92
4"BSPT MALE/110 PVC ADAPT	T1704	17.49
ADAPTOR 2" BSPT/EUROPIPE (BS EN 1124)	T1802	13.25
6" PLASTIC SPIGOT X 166	T303	39.16
4" SUPERSLEVE SPIGOT CI	T501	24.64
6" SUPERSLEVE SPIGOT CI	T502	44.00
CI HUB ADAPTOR 8902H	T601	18.94
CI HUB ADAPTOR 8903H	T602	22.05
CI HUB ADAPTOR 8904H BSP	T603	115.30
CI 3"NPSM TO PVC/DIN19522	T701	26.84
CI 4"NPSM-BS416/DIN19522	T702	24.22
4"NPSM / 75MM PLASTIC	T703	60.61
CI 4"NPSM F TO 75MM O.D	T704	43.89
CI 3"NPSM TO 4"PVC/416	T712	44.82

WADE - FLOOR DRAINAGE SYSTEMS		
CAST IRON VARI-LEVEL FLOOR GULLIES & ACCESS COVERS		
Description	Code	Price £
FLOOR GULLY ADAPTORS		
CI 3"NPSM F TO 75MM O.D	T714	57.97
CI 4" NPSM/ 2" BSP ADAPTOR	T742	37.57
CI 4" NPSM/50mm ADAPTOR - BS416/DIN 19522	T792	37.57
3"NPSM(F) TO 75MM BS416	T801	25.74
4"NPSM(F) TO 75MM BS416	T803	62.48
4" NPSM F TO S/SLEVE ADPT	T901	22.00
CI 3"NPSM F TO 4"S/SLEVE	T911	43.45
REDUCING BUSH 4"/3" NPSM	U1101	19.25
LONG BEND 2" BSP M+F 90DEG	U1301	47.52
CAST IRON ADAPTOR 4NPSM F/3NPSM M	U201	62.15
PLASTIC INLET/OUTLET PLUG	UX9901	1.76

WADE - FLOOR DRAINAGE SYSTEMS				
STAINLESS STEEL GULLIES				
Description		Code	Outlet Size	Price £
STAINLESS STEEL GULLIES FOR FINISHED FLOORS (200MM) HEIGHT ADJUSTABLE				
	'P' trap	Q2334	100	434.49
	Vertical trap	Q2434	100	423.73
STAINLESS STEEL GULLIES FOR FINISHED FLOORS (200MM) FIXED HEIGHT				
	'P' trap	Q2734	100	207.41
	Vertical trap	Q2834	100	234.43
STAINLESS STEEL VARI-LEVEL GULLY BODIES NON-TRAPPED			OUTLET TYPE (MM)	
	Vertical Outlet	QB114	100	142.73
	Horizontal Outlet	QB214	100	142.73
STAINLESS STEEL VARI-LEVEL GULLY BODIES TRAPPED				
	Vertical Outlet	QG114	100	345.79
	P' Vertical Outlet	QG214	100	356.66

WADE - FLOOR DRAINAGE SYSTEMS			
STAINLESS STEEL GULLIES			
Description	Code	Outlet Size (mm)	Price £
STAINLESS STEEL GULLIES FOR FINISHED FLOORS (300MM)			
	Q1034	100	589.95
	Q1036	150	671.30
	Q1234	100	461.20
	Q1334	100	442.77
	Q1434	100	367.84
	Q1436	150	449.29
192MM SQUARE STAINLESS STEEL GRATING AND COVER		LOAD CLASS	
 Anti-Slip Mesh	Q4232	L15	73.07
 Plain Mesh	Q5232	L15	73.07
 Perforated (Square holes)	Q6230	K3	67.48
 Perforated (Round holes)	Q6430	K3	71.72
 Bar	Q7235	M125	84.35
 Streamline	Q9233	L15	131.45
 Cover with 55mm inlet	U5232		73.07

WADE - FLOOR DRAINAGE SYSTEMS				
STAINLESS STEEL GULLIES				
Description		Code	Load Class	Price £
293MM SQUARE STAINLESS STEEL GRATING AND COVER				
	Anti-Slip mesh	Q4332	L15	90.20
	Plain mesh	Q5332	L15	84.87
	Bar	Q7335	M125	158.46
	Streamline	Q9333	L15	154.73
STAINLESS STEEL HEAVY DUTY LORRY DECK GULLY 100MM				
		Q904	D400	903.35

WADE - FLOOR DRAINAGE SYSTEMS				
SHOWER GULLIES				
Description		Code	Type	Price £
MULTI-PURPOSE GULLIES FOR FLEXIBLE SHEET MATERIAL, 56MM SOCKET				
	Stainless Steel	GV5007	Peripheral Slot	112.61
	Nickel Bronze	GV5103	Slotted Grating	114.06
	Stainless Steel	GV5107	Slotted Grating	174.29
	Stainless Steel	GV5247	Security Grating	184.75
	Nickel Bronze	GV5503	Solid Cover	129.17
	Stainless Steel	GV5517	Solid Cover	200.27
	Nickel Bronze	GV5803	Funnel	172.33
	Stainless Steel	GV5817	Funnel	255.02
	Nickel Bronze	GV5823	Funnel	200.48
MULTI-PURPOSE GULLIES FOR FLEXIBLE SHEET MATERIAL, 110MM SPIGOT / 50MM REDUCER				
	Stainless Steel	GV6007	Peripheral Slot	112.61
	Nickel Bronze	GV6103	Slotted Grating	114.06
	Stainless Steel	GV6107	Slotted Grating	174.29
	Stainless Steel	GV6247	Security Grating	184.75

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description	Code	Type	Price £	
MULTI-PURPOSE GULLIES FOR FLEXIBLE SHEET MATERIAL, 110MM SPIGOT / 50MM REDUCER				
	Nickel Bronze	GV6503	Solid Cover	129.17
	Stainless Steel	GV6517	Solid Cover	200.27
	Nickel Bronze	GV6803	Funnel	172.33
	Stainless Steel	GV6817	Funnel	255.02
	Nickel Bronze	GV6823	Funnel	200.48
DIRECT CONNECTION GRATINGS - CAST IRON, SHERARDIZED, 110.2MM				
	Circular	K2591	176mm Dia	19.58
	Square	L2691	150mm	29.81
DIRECT CONNECTION GRATINGS - STAINLESS STEEL GRADE 304 - CIRCULAR - 110.2MM				
	Sheradized Cast Iron Frame	K1897	176mm Dia	97.19
	2" BSP Female	K1947	100mm Dia	72.14
		K2197	150mm Dia	134.86
	Sheradized Cast Iron Frame	K2397	176mm Dia	158.77
	6mm Flange Depth	K2497	150mm Dia	182.68
	Shower Drain	K2891	140mm Dia	168.60

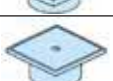
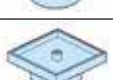
WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description		Code	Type	Price £
DIRECT CONNECTION GRATINGS - STAINLESS STEEL GRADE 304 - CIRCULAR - 110.2MM				
	Security Drain	K2941	114mm Dia	199.86
	Security Drain	K2991	114mm Dia	212.41
	Sheradized Cast Iron Frame	K3497	Funnel	239.60
	Security Grating 4mm Holes	K3594	150mm Dia	152.56
	Sheradized Cast Iron Frame	K3694	176mm Dia	169.22
	GRATING 100mm SQUARE	L1947	2"BSP	72.14
DIRECT CONNECTION SQUARE GRATINGS - STAINLESS STEEL GRADE 304 - 110.2MM				
		L2196	147mm	160.74
	Round Funnel With Square Base	L2791	150mm	186.82
	Streamline	L2991	150mm	176.88
	Streamline	L2992	200mm	209.28
	Perforated 8mm Round Holes	L3191	150mm	104.22
	Perforated 8mm Round Holes	L3192	200mm	145.21
	Perforated 8mm Square Holes	L3291	150mm	110.77
	Perforated 8mm Square Holes	L3292	200mm	145.21

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description		Code	Type	Price £
DIRECT CONNECTION GRATINGS - STAINLESS STEEL GRADE 304 - 110.2MM				
	Anti-Slip Mesh	L3391	150mm	118.51
	Anti-Slip Mesh	L3392	200mm	150.90
	Plain Mesh	L3491	150mm	118.51
	Plain Mesh	L3492	200mm	150.90
	Plain Mesh	L3591	175mm	157.01
	Plain Mesh	L3592	225mm	176.88
	Anti-Slip Mesh	L3691	175mm	157.01
	Anti-Slip Mesh	L3692	225mm	176.88
	Secured Streamline	L3791	173mm	202.86
	Secured Streamline	L3792	223mm	235.26
	Perforated 8mm Round Holes	L3891	173mm	166.01
	Perforated 8mm Round Holes	L3892	223mm	181.94
	Perforated 8mm Square Holes	L3991	173mm	166.01
	Perforated 8mm Square Holes	L3992	223mm	171.19

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description		Code	Type	Price £
DIRECT CONNECTION CIRCULAR GRATINGS - NICKEL BRONZE				
	2”BSP Female	K1941	98mm Dia	79.20
	2”BSP Female	K2041	98mm Dia	83.49
	82mm	K2142	135mm Dia	53.13
DIRECT CONNECTION GRATINGS - NICKEL BRONZE - 110.2MM				
		K2191	135mm Dia	42.35
		K2193	155mm Dia	60.96
		K2291	176mm Dia	137.83
		K2392	176mm Dia	98.53
	Stainless Steel Flange	K2491	150mm Dia	101.75
	Oval Funnel With Circular Base	K2691		205.15
	Round Funnel With Circular Base	K2791		181.39
	Dome	K3191	135mm Dia	86.32
	Round Funnel With Circular Base	K3391		135.57
	Oval Funnel / Frame	K3392		190.08
	Round Funnel	K3491		156.91

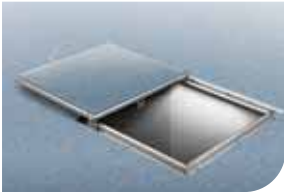
WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description	Code	Type	Price £	
DIRECT CONNECTION GRATINGS - NICKEL BRONZE				
 Oval Funnel	K3492			185.06
 100mm Square	L1941	2" BSP Female		66.77
 100mm Square	L2041	2" BSP Female		72.49
DIRECT CONNECTION GRATINGS - NICKEL BRONZE - 82MM WITH PLASTIC CONNECTION				
 Square	L2141	101mm		39.02
 Rectangular	L2241	102 x 204mm		109.50
 Johnson 4200	L2442	115mm		159.29
 Pilkington / Gail 4420	L2444	150mm		86.11
 Strata / Buchtal	L2449	150mm		134.24
DIRECT CONNECTION GRATINGS - NICKEL BRONZE - 110.2MM				
 Square	L2192	135mm		140.14
 Square	L2193	150mm		66.14
 Square	L2194	201mm		147.73
 Rectangular	L2292	125 x 430mm		280.17
 Circular Grating With Square Frame	L2391	150mm		51.54

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description		Code	Type	Price £
DIRECT CONNECTION GRATINGS - NICKEL BRONZE - 110.2MM				
	Platt 2300	L2496	150mm	192.06
	Keramic	L2498	150mm	200.38
	Floral	L2591	150mm	94.29
	Round Funnel With Square Base	L2891	150mm	157.61
	Hinged	L3091	161mm	162.14
	Oval Funnel With Square Base	L2893	150mm	194.58
DIRECT CONNECTION GRATINGS - NICKEL BRONZE - 3"BS416				
	Pilkington / Gail 4420	L2494	150mm	127.49
	Square	L2191	101mm	41.47
	Rectangular	L2291	102 x 204mm	109.50
	Johnson	L2492	115mm	156.29
	Ruabon	L2497	150mm	119.96
	Strata / Buchtal	L2499	150mm	134.24

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description		Code	Type	Price £
DIRECT CONNECTION SUPERSEAL ACCESS COVERS - DUCTILE IRON, SHERARDIZED - 110.2MM				
	Circular	K5891	176mm	74.42
	Square	L5791	150mm	76.07
DIRECT CONNECTION ACCESS COVERS - STAINLESS STEEL GRADE 304 - 110.2MM				
	Sheradized Cast Iron Frame	K5197	176mm Dia	184.85
		K5297	150mm Dia	158.77
	6mm Flange Depth	K5397	150mm Dia	208.76
		K5597	150mm Dia	168.74
	Sheradized Cast Iron Frame	K5697	176mm Dia	168.39
	Hinged Cover	L5395	135mm	118.92
	Hinged Cover	L5398	150mm	129.17
		L5597	147mm	183.51
		L5897	150mm	201.08

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description	Code	Type	Price £	
DIRECT CONNECTION ACCESS COVERS - NICKEL BRONZE - 82MM				
 Circular	K5241	135mm Dia	103.73	
DIRECT CONNECTION ACCESS COVERS - NICKEL BRONZE - 110.2MM				
	K5192	176mm Dia	113.75	
	K5292	135mm Dia	80.96	
	K5293	150mm Dia	86.90	
	K5391	152mm Dia	141.07	
 Access Plug	K5491	155mm Dia	200.42	
	K5591	152mm Dia	86.84	
	K5691*	176mm Dia	118.92	
	L5191	135mm	68.52	
	L5193	160mm	161.81	
 Circular Hinged Cover With Square Frame	L5291	150mm	57.13	

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description	Code	Type	Price £	
DIRECT CONNECTION ACCESS COVERS - NICKEL BRONZE - 110.2MM				
 Hinged	L5391	150mm	92.94	
 Hinged Sealed	L5491	150mm	123.37	
	L5591	150mm	90.46	
	L5691	150mm	79.80	
ACCESS COVERS - GENERAL PURPOSE - NICKEL BRONZE				
	R311	186mm Dia	155.46	
	R411	178mm Dia	142.42	
 Circular Recessed	R611	138mm Dia	210.52	
	R621	138mm Dia	160.43	
	R801	205mm Dia	176.33	

WADE - FLOOR DRAINAGE SYSTEMS				
DIRECT CONNECTION GRATINGS & ACCESS COVERS				
Description		Code	Type	Price £
ACCESS COVERS - SLIDING ACCESS COVERS FOR SVF *MAN ENTRY				
		RS231	450 x 450mm	1134.57
	Slides Along Length	RS232L	450 x 600mm	1181.76
	Slides Across Width	RS232W	600 x 450mm	1181.76
		RS233	600 x 600mm*	1264.46
	Slides Along Length	RS234L	600 x 750mm*	1320.14
	Slides Across Width	RS234W	750 x 600mm*	1320.14
		RS235	750 x 750mm*	1371.48
	Slides Along Length	RS236L	600 x 900mm*	1428.61
	Slides Across Width	RS236W	900 x 600mm*	1428.61

WADE - FLOOR DRAINAGE SYSTEMS			
MISCELLANEOUS GULLIES			
Description	Code	Type	Price £
MULTI-LEVEL FLOOR GULLIES - CAST IRON 4" BSP FEMALE			
	E204	Threaded Body	129.80
	E404	Threaded Body 4 (Pad)	260.92
Cast Iron / Ductile Iron	F204	396mm Sq	703.01
MULTI-LEVEL FLOOR GULLIES - CAST IRON 6" BSP FEMALE			
	E206	Threaded Body	129.80
	E406	Threaded Body 4 (Pad)	305.47
Cast Iron / Ductile Iron	F206	396mm Sq	725.56
MULTI-LEVEL FLOOR GULLIES - STAINLESS STEEL / DUCTILE IRON GULLY 450MM SQUARE			
	F304	100mm BS 416	606.20
	F306	150mm BS 416	669.33
COMPATIBLE GRATINGS			
 Ductile Iron Circular	M101	220mm Dia	49.78
 Cast Iron Circular	M301	280mm Dia	131.89
 Ductile Iron Circular	M401	270mm Dia	223.15

WADE - FLOOR DRAINAGE SYSTEMS			
MISCELLANEOUS GULLIES			
Description	Code	Type	Price £
MULTI-LEVEL FLOOR GULLIES - CAST IRON			
	C.F2	Membrane Clamp for F Body	57.96
	C.F3	SS Membrane Clamp for F Body	102.67
90° GULLIES - CAST IRON WITH NICKEL BRONZE GRATING			
	P1412	2" BSP Female	179.68
	P1413	3" BSP Female	179.68
	P1414	4" BSP Female	179.68
90° GULLIES - CAST IRON WITH STAINLESS STEEL GRATING			
	P1422	2" BSP Female	346.00
	P1423	3" BSP Female	346.00
	P1424	4" BSP Female	346.00

WADE LINEAR DRAINAGE



Wade offer a comprehensive range of standard sizes and bespoke stainless steel channels for all types of application with a range of grating finishes in stainless steel, nickel bronze and cast iron.

Applications

- Stainless steel channels in a wide range of profiles, generally with an inbuilt fall towards the outlet. Available with a selection of grate options in either stainless steel, Nickel bronze or cast iron to suit all applications.
- Stainless steel hidden channels for draining areas of screed, resin and other floor finishes along with block paving.
- Supaslot stainless steel slotted channels are suited for large areas with only low volumes of wastewater such as in abattoirs, butcheries, dairies, breweries etc.
- Stainless steel hidden channel for threshold drainage, designed to help protect a building threshold from the ingress / ponding of rainwater
- A range of channels for specialised applications including channel & grating for firefighting lifts a jubilee modular system for unfinished floors and tree grills for public realm applications

Performance

- BS EN 1433 compliant
- Load Classes from A15 to C250 dependent on the channel and grating selection
- Custom made channels with built in falls
- Easily cleaned by directing a jet of water along the channel towards the outlet
- Suitable for tiled and resin floors
- Can be combined with Wade gullies

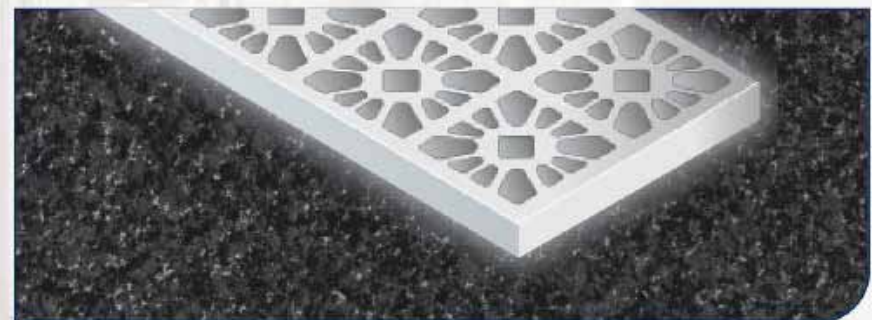
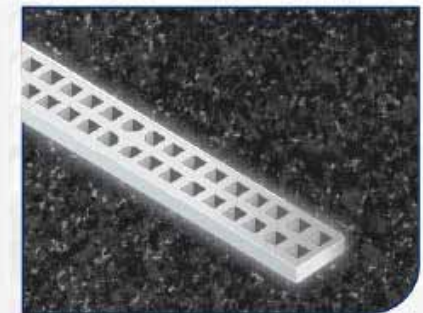
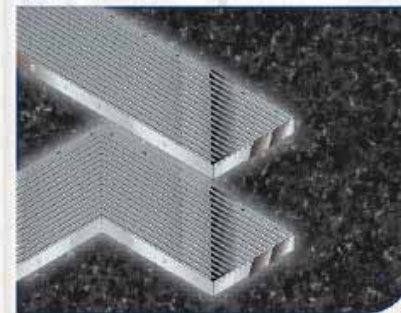
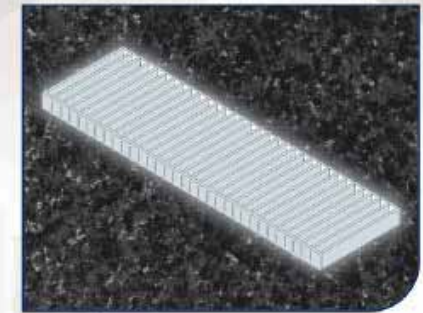
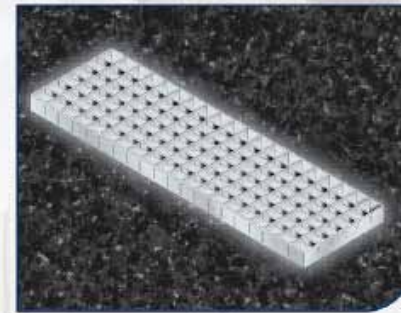
- TDN and TDR channels have CE mark conformity

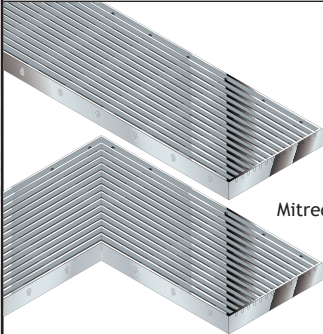
Installation & Fixing

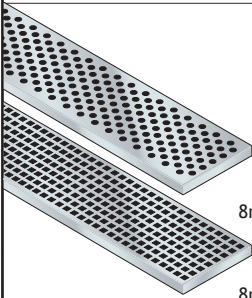
- The linear channel range offer solutions for all systems of project installations
- Suitable for tiled, resin, concrete, vinyl and unfinished floors

Materials & Finishes

- Wade stainless steel grade 304 channels 1.5mm thickness have a wide range of grating options to suit all applications. Grade 316 is available on request.
- Channels are available with level invert or in-built fall to outlet from a minimum of 40mm deep
- Nickel bronze stain finish gratings, durable high quality suited to areas of high-volume pedestrian traffic
- Cast Iron gratings for use in service areas, plant areas and for restoration or refurbishment projects to match period architecture



WADE DRAINAGE			
LINEAR DRAINAGE SYSTEMS			
Description	Code	Type	Price £
LINEAR DRAINAGE - STAINLESS STEEL CHANNEL STREAMLINE GRATINGS 5MM			
	SS3080B1	82W x 1000L x 20DP	125.96
	SS3080B5	82W x 500L x 20DP	86.94
	Mitred Corner SS3080BC	250 x 250	135.30
	SS3135A1	134W x 1000L x 20DP	137.55
Mitred Corner	SS3135A5	134W x 500L x 20DP	98.33
	SS3135AC	250 x 250	154.01
	SS3135B1	134W x 1000L x 30DP	200.42
	SS3135B5	134W x 500L x 30DP	111.26
Mitred Corner	SS3135BC	250 x 250	173.80
	SS3150A1	152W x 1000L x 20DP	146.19
	SS3150A5	152W x 500L x 20DP	98.33
	Mitred Corner SS3150AC	250 x 250	154.01
Mitred Corner	SS3150B1	152W x 1000L x 30DP	188.58
	SS3150B5	152W x 500L x 30DP	111.26

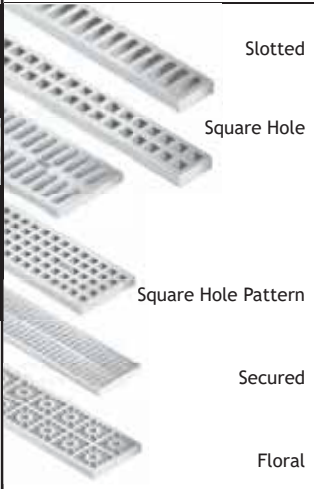
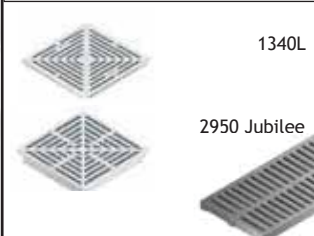
WADE DRAINAGE			
LINEAR DRAINAGE SYSTEMS			
Description	Code	Type	Price £
LINEAR DRAINAGE - STAINLESS STEEL CHANNEL PERFORATED GRATINGS			
	8 Dia Holes SS40135A1	134W x 1000L x 20DP	76.23
	8 Dia Holes SS40150A1	149W x 1000L x 20DP	76.23
	8mm Square Holes SS41135A1	134W x 1000L x 20DP	76.23
	8mm Square Holes SS41150A1	149W x 1000L x 20DP	76.23
LINEAR DRAINAGE - STAINLESS STEEL CHANNEL PLAIN MESH GRATINGS			
	SS5135A5	134 x 500 x 20/2	71.52
	SS5135B5	134 x 500 x 30/2	82.83
	SS5150A5	149 x 500 x 20/2	71.52
	SS5150B5	149 x 500 x 30/2	77.94
	SS5200A5	199 x 500 x 20/2	88.49
	SS5200B5	199 x 500 x 30/3	107.69
	SS5300A5	299 x 500 x 30/2	124.10
	SS5300B5	299 x 500 x 40/3	180.61
LINEAR DRAINAGE - STAINLESS STEEL CHANNEL BAR GRATINGS			
	SS6150B5	149 x 500 x 20/5	143.24

WADE DRAINAGE			
LINEAR DRAINAGE SYSTEMS			
Description	Code	Type	Price £
LINEAR DRAINAGE - STAINLESS STEEL CHANNEL BAR GRATINGS			
	SS6150C5	149 x 500 x 30/5	180.61
	SS6150D5	149 x 500 x 50/5	219.52
	SS6300B5	299 x 500 x 30/5	POA
LINEAR DRAINAGE - STAINLESS STEEL CHANNEL MESH GRATINGS			
	SS7135A5	134 x 500 x 20/2	76.01
	SS7135B5	134 x 500 x 30/2	77.94
	SS7150A5	149 x 500 x 20/2	71.52
	SS7150B5	149 x 500 x 30/2	77.94
	SS7300A5	23 299 x 500 x 30/2	124.10
	SS7300B5	23 299 x 500 x 40/3	180.61
LINEAR DRAINAGE - STAINLESS STEEL CHANNEL ANTI-SLIP MESH GRATINGS			
	SS7200A5	199 x 500 x 20/2	94.05

WADE DRAINAGE			
LINEAR DRAINAGE SYSTEMS			
Description	Code	Type	Price £
LINEAR DRAINAGE - NICKEL BRONZE CHANNEL GRATINGS			
	SN11230	60 x 495 x 15	153.78
	SN11430	60 x 495 x 15	93.28
	SN12220	115 x 544 x 10	157.30
	SN12230	134 x 662 x 15	184.36
	SN16330	300 x 483 x 15	332.09
	SN23130	150 x 500 x 15	148.39
	SN23930	149W x 499L	156.97
	SN25930	293W x 499L x 15	315.70
LINEAR DRAINAGE - ALUMINIUM CHANNEL GRATINGS			
	SA12220	115 x 544 x 10	112.86
	SA12230	134 x 662 x 15	124.74
	SA16330	300 x 483 x 15	175.12

WADE DRAINAGE

LINEAR DRAINAGE SYSTEMS

Description	Code	Type	Price £	
LINEAR DRAINAGE - SHERARDIZED CAST IRON CHANNEL GRATINGS				
	Slotted	SC11230	60 x 497 x 16	97.81
	Square Hole	SC11430	60 x 500 x 15	53.13
		SC12330	143 x 387 x 12	44.51
	Square Hole Pattern	SC12431	149 x 447 x 15	84.66
	Secured	SC12220	115 x 544 x 10	137.17
	Floral	SC23930	149 x 499 x 16	141.90
LINEAR DRAINAGE - SHERARDIZED DUCTILE IRON CHANNEL GRATINGS				
	1340L	SG15350	251 x 251 x 23	117.06
	2950 Jubilee	SG16250	305 x 305 x 26	58.63
		SG16460	305 x 610 x 26	252.23

WADE ROOF OUTLETS



Wade offers a range of Cast Iron roof drainage products with roof outlets available to drain different types of roof construction

Applications

- Medium Sump cast iron roof drain outlets with choice of outlet size and connection type; with polycarbonate dome or sherardized cast or ductile iron grating.
- Deep Sump cast iron roof drain outlets with choice of outlet size and connection type; with polycarbonate dome or sherardized cast or ductile iron grating.
- Parapet Outlets - with reversible cast iron drain body to provide horizontal or vertical threaded outlet. May be used in conjunction with our downspout nozzles.
- Balcony Outlets - cast iron, for drainage on balconies with an asphalt finish.

- M125 Areas with vehicular traffic, such as car parks, factories and workshops - not including light commercial vehicles or heavy wheel loads.

Installation & Fixing

- A wide range of accessories such as extension pieces, pipe adaptors and grates are available to ensure successful installation of Wade rainwater outlets in most types of roof construction.

Materials & Finishes

- Cast Iron - BS EN 1561
- Used for bodies, membrane clamping collars, extensions and threaded pipework adaptors. A widely used metal in the drainage industry, its resistance to corrosion permits extended use under extreme conditions.
- Castings are coated with a high-grade lacquer paint, applied by full immersion dip, to provide internal and external surface coverage. Paint will gradually wear off and is replaceable; oxidation (surface rusting) is a natural process which does not weaken the material.

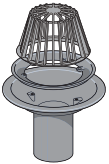
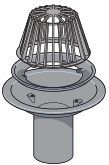
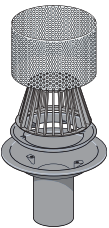
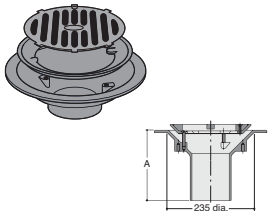
Performance

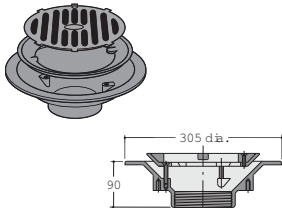
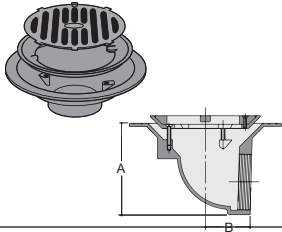
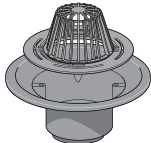
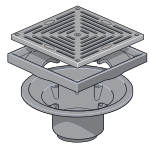
- Roof outlets are not multi-purpose, versions are designed for use with specific types of roof construction. The depth of the structural slab, thickness and position of insulation, and the type and position of waterproofing membrane are factors to be considered.

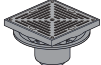
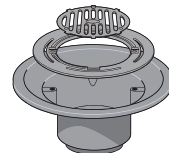
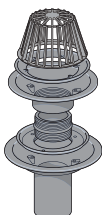
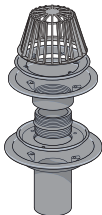
Load Rating

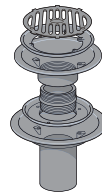
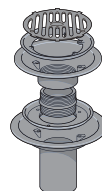
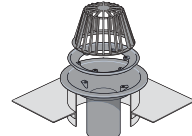
- It is essential that roof outlets withstand expected loads. Based on BS EN 1253, as follows:
- H1.5 Unused flat roofs such as felt-and-gravel roofs, gravel fill roofs and similar.
- K3 Areas without vehicular traffic, such as balconies, terraces and roof gardens.
- L15 Areas with light vehicular traffic.

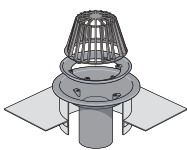
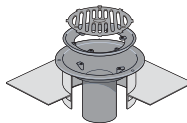
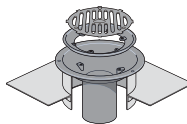


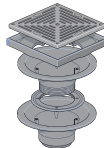
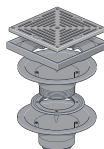
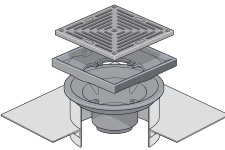
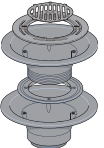
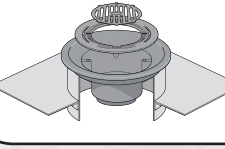
WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
COLD ROOF OUTLETS, CAST IRON - MEDIUM SUMP - DOME SPIGOT			
	WB202	50mm	91.49
	WB203	75mm	92.13
	WB204	100mm	105.82
COLD ROOF OUTLETS, CAST IRON - MEDIUM SUMP - DOME THREADED			
	WB222	2" BSP female	83.14
	WB223	3" BSP female	83.57
	WB224	4" BSP female	92.56
COLD ROOF OUTLETS, CAST IRON - MEDIUM SUMP - DOME HORIZONTAL			
	WB232	2" BSP female	150.34
	WB233	3" BSP female	147.34
	WB234	4" BSP female	158.62
COLD ROOF OUTLETS, CAST IRON - MEDIUM SUMP - FG SPIGOT			
	WB302	50mm	91.38
	WB303	75mm	92.02
	WB304	100mm	105.72

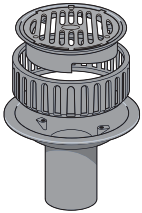
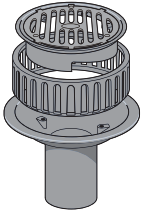
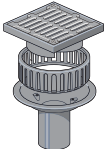
WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
COLD ROOF OUTLETS, CAST IRON - MEDIUM SUMP - FG THREADED			
	WB322	2" BSP female	83.03
	WB323	3" BSP female	83.46
	WB324	4" BSP female	92.45
COLD ROOF OUTLETS, CAST IRON - MEDIUM SUMP - FG HORIZONTAL			
	WB332	2" BSP female	154.44
	WB333	3" BSP female	147.23
	WB334	4" BSP female	158.51
COLD ROOF OUTLETS, CAST IRON - DEEP SUMP - DOME THREADED			
	WB414	4" BSP female	142.85
	WB416	6" BSP female	151.08
COLD ROOF OUTLETS, CAST IRON - DEEP SUMP - DOME SPIGOT			
	WB418	200mm spigot	235.51
COLD ROOF OUTLETS, CAST IRON - DEEP SUMP - SQUARE FG THREADED			
	WB514	4" BSP female	185.24
	WB516	6" BSP female	193.71

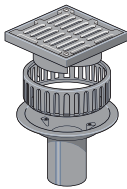
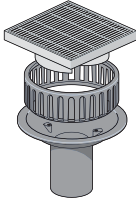
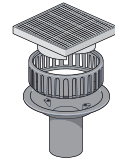
WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
COLD ROOF OUTLETS, CAST IRON - DEEP SUMP - SQUARE FG SPIGOT			
	WB518	200mm spigot	272.74
COLD ROOF OUTLETS, CAST IRON - DEEP SUMP - CIRCLE FG THREADED			
	WB614	4" BSP female	142.74
	WB616	6" BSP female	150.98
	WB618	200mm spigot	235.40
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT DOME GRATE			
	WC202	50mm	205.65
	WC203	75mm	206.40
	WC204	100mm	219.99
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED DOME			
	WC222	2" BSP female	197.42
	WC223	3" BSP female	197.84
	WC224	4" BSP female	206.83
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - HORIZONTAL THREADED DOME			
	WC232	2" BSP female	258.30
	WC233	3" BSP female	261.51

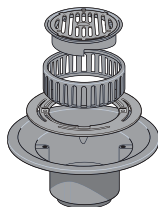
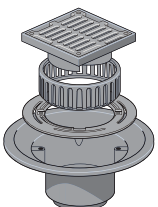
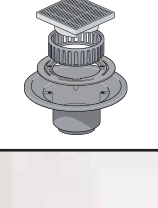
WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - HORIZONTAL THREADED DOME			
	WC234	4" BSP female	268.57
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT FLAT GRATE			
	WC302	50mm	205.55
	WC303	75mm	206.30
	WC304	100mm	219.89
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED FLAT GRATE			
	WC322	2" BSP female	197.31
	WC323	3" BSP female	197.74
	WC324	4" BSP female	206.72
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - HORIZONTAL THREADED FLAT GRATE			
	WC332	2" BSP female	258.19
	WC333	3" BSP female	261.40
	WC334	4" BSP female	268.46
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT DOME			
	WC402	50mm	169.70
	WC403	75mm	170.88

WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT DOME			
	WC404	100mm	183.51
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED DOME			
	WC422	2" BSP female	161.68
	WC423	3" BSP female	161.78
	WC424	4" BSP female	171.31
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT FLAT GRATE			
	WC502	50mm	169.60
	WC503	75mm	170.77
	WC504	100mm	183.40
WARM ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED FLAT GRATE			
	WC522	2" BSP female	161.57
	WC523	3" BSP female	161.68
	WC524	4" BSP female	171.20
WARM ROOF OUTLETS, CAST IRON - DEEP SUMP - VERTICAL THREADED DOME			
	WC644	4" BSP female	275.95
	WC646	6" BSP female	284.19

WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
WARM ROOF OUTLETS, CAST IRON - DEEP SUMP - VERTICAL THREADED FLAT GRATE			
	WC744	4" BSP female	322.08
	WC746	6" BSP female	330.55
WARM ROOF OUTLETS, CAST IRON - DEEP SUMP - VERTICAL THREADED DOME			
	WC814	4" BSP female	230.80
	WC816	6" BSP female	235.40
	WC818	200mm spigot	329.88
WARM ROOF OUTLETS, CAST IRON - DEEP SUMP - VERTICAL THREADED			
	WC914	4" BSP female	268.14
	WC916	6" BSP female	272.64
	WC918	200mm spigot	367.22
WARM ROOF OUTLETS, CAST IRON - DEEP SUMP - VERTICAL THREADED FLAT GRATE			
	WC1044	4" BSP female	275.85
	WC1046	6" BSP female	284.09
WARM ROOF OUTLETS, CAST IRON - DEEP SUMP - VERTICAL THREADED			
	WC1114	4" BSP female	230.69
	WC1116	6" BSP female	235.19

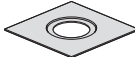
WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
WARM ROOF OUTLETS, CAST IRON - DEEP SUMP - VERTICAL THREADED			
	WC1118	200mm spigot	329.77
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT			
	WD202	50mm	153.55
	WD203	75mm	154.19
	WD204	100mm	167.88
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED			
	WD222	2" BSP female	145.20
	WD223	3" BSP female	145.63
	WD224	4" BSP female	154.62
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - HORIZONTAL THREADED			
	WD232	2" BSP female	212.40
	WD233	3" BSP female	209.40
	WD234	4" BSP female	216.35
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT			
	WD302	50mm	151.19
	WD303	75mm	151.83

WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT			
	WD304	100mm	165.53
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED			
	WD322	2" BSP female	142.85
	WD323	3" BSP female	143.27
	WD324	4" BSP female	152.26
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - HORIZONTAL THREADED			
	WD332	2" BSP female	210.04
	WD333	3" BSP female	207.05
	WD334	4" BSP female	214.00
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - SPIGOT			
	WD702	50mm	284.83
	WD703	75mm	285.48
	WD704	100mm	299.17
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED			
	WD722	2" BSP female	276.49
	WD723	3" BSP female	277.02

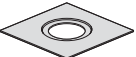
WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - VERTICAL THREADED			
	WD724	4" BSP female	286.01
INVERTED ROOF OUTLETS, CAST IRON - MEDIUM SUMP - HORIZONTAL THREADED			
	WD732	2" BSP female	343.68
	WD733	3" BSP female	340.69
	WD734	4" BSP female	347.64
INVERTED ROOF OUTLETS, CAST IRON - DEEP SUMP VERTICAL THREADED			
	WD514	4" BSP female	216.68
	WD516	6" BSP female	224.91
	WD518	200mm spigot	299.12
INVERTED ROOF OUTLETS, CAST IRON - DEEP SUMP VERTICAL THREADED SQUARE			
	WD614	4" BSP female	214.32
	WD616	6" BSP female	222.56
	WD618	200mm spigot	296.94
INVERTED ROOF OUTLETS, CAST IRON - DEEP SUMP VERTICAL THREADED STAINLESS STEEL			
	WD644	4" BSP female	348.07
	WD646	6" BSP female	356.20

WADE DRAINAGE				
ROOF DRAINAGE SYSTEMS				
Description	Code	Type	Price £	
INVERTED ROOF OUTLETS, CAST IRON - DEEP SUMP VERTICAL THREADED STAINLESS STEEL				
	WD648	200mm spigot	426.21	
PARAPET OUTLETS - CAST IRON WITH CHOICE OF GRATING MATERIAL				
	Nickel Bronze	WF002	2" BSP	92.98
		WF003	3" BSP	92.98
		WF004	4" BSP	92.98
	Aluminium	WF012	2" BSP	75.65
		WF013	3" BSP	75.65
		WF014	4" BSP	75.65
	Cast Iron	WF022	2" BSP	70.41
		WF023	3" BSP	70.41
		WF024	4" BSP	70.41
	Stainless Steel	WF032	2" BSP	76.61
		WF033	3" BSP	76.61
		WF034	4" BSP	76.61

WADE DRAINAGE				
ROOF DRAINAGE SYSTEMS				
Description	Code	Type	Price £	
PARAPET OUTLETS - CAST IRON WITH STAINLESS STEEL GRATING				
   	WF042	2" BSP	80.46	
	WF043	3" BSP	80.46	
	WF044	4" BSP	80.46	
	WF046	6" BSP	194.63	
	WF072	2" BSP	76.61	
	WF073	3" BSP	76.61	
	WF074	4" BSP	76.61	
	WF076	6" BSP	188.54	
PARAPET OUTLETS - PVC WITH CHOICE OF GRATING MATERIAL				
	Nickel Bronze	WF105*	4" BSP	144.02
	Aluminium	WF115*	4" BSP	126.58
	Cast Iron	WF125*	4" BSP	121.34
	Stainless Steel	WF135*	4" BSP	127.54
PARAPET OUTLETS - CAST IRON WITH CHOICE OF GRATING MATERIAL				
	Aluminium	WF156	6" BSP	187.77

WADE DRAINAGE				
ROOF DRAINAGE SYSTEMS				
Description	Code	Type	Price £	
PARAPET OUTLETS - CAST IRON WITH CHOICE OF GRATING MATERIAL				
	Aluminium	WF166	6" BSP	254.21
		WF176	6" BSP	242.44
DOWNSPOUT THREADED NOZZLES - CAST GUNMETAL				
 		WJ102	2" BSP	151.14
		WJ103	3" BSP	135.08
		WJ104	4" BSP	135.08
		WJ202	2" BSP	123.42
		WJ203	3" BSP	109.67
BALCONY OUTLETS - CAST IRON				
 	Full Grating	WF604	100mm BS 416	85.07
	Cut-Out Grating.	WF704	100mm BS 416	82.18
ROOF OUTLET ACCESSORIES				
   		WG201	Bearing Pan Galv Mild Steel	39.64
		WG301	Filter Bucket	57.20
		WG406	Gravel Guard 150H	46.78
		WG408	Gravel Guard 200H	54.03

WADE WATER POINTS & GREASE / SEDIMENT

WADE DRAINAGE			
ROOF DRAINAGE SYSTEMS			
Description	Code	Type	Price £
ROOF OUTLET ACCESSORIES			
	WG501	96mm Extension Cast Iron	44.92
	WG502	35mm Extension Cast Iron	62.62
	WH301	Bearing Pan Galv Steel Deep Sump	35.86
	WH402	Filter Bucket Stainless Steel Deep Sump	72.35
	WH506	Gravel Guard 150H Deep Sump	70.40
	WH508	Gravel Guard 200H Deep Sump	83.05
	WJ302	Outfall Outlets Stainless Steel 2" Pipe	30.12
	WJ303	Outfall Outlets Stainless Steel 3" Pipe	30.12
	WJ304	Outfall Outlets Stainless Steel 4" Pipe	30.12



Meeting demands of water and municipal authorities, environmentalist, employers and employees, Wade provides effective and easy to use means of dealing with grease, oil and sediment. Non-Freeze water points provide an external water source for plant watering, area cleaning, vehicle wash down and similar activities

Applications

- A Wade Actimatic Grease Converter eliminates such problems and is a Natural means of Permanently converting grease to bio-degradable product
- Actimatic Grease Converters are available to suit a wide range of applications.
- Wade Sediment Interceptors are used to help prevent blockages where solids such as food scraps, hair, plaster, sediment etc are discharged into drain lines.
- Water Points provide an external water source for plant watering, area cleaning, vehicle wash down and similar activities.

- There is no optimum distance between the last fixture and the converter; it is generally accepted that pipework longer than 8 metres may allow grease to solidify before it reaches the converter.
- The product is designed to be installed with the valve seal located inside a building, whilst the on/off control mechanism and hose connections are outside; when the valve is turned off, water drains out from the unit so that freezing cannot occur.

Performance

- The Actimatic Grease Converter works in two stages, Separation then Digestion to convert to water soluble, environmentally friendly products.
- Wade Non-Freeze Water Points provide an external watering point through a wall, for a variety of uses such as cleaning and garden watering. Wade Non-Freeze Water Points are not for fire - fighting use.

Installation & Fixing

- Wade Actimatic Grease Converters are designed to be installed in existing or new kitchens, at restaurants, canteens, hotels, hospitals, etc., and also at commercial or industrial premises where food is cooked, prepared or processed.

Materials & Finishes

- Wade Actimatic Grease Converters and Sediment Interceptors are made from stainless steel grade 304. Grade 316 is also available on request along with an anti-slip cover.
- Wade non-freeze water points are available in either Aluminium (white epoxy coated), Nickel Bronze, Gun metal, stain and stainless steel (grade 304 or 315).

WADE DRAINAGE			
WATER POINTS & GREASE / SEDIMENT			
Description	Code	Type	Price £
NON-FREEZE WATER POINTS			
	W=100 TO 120 YA101#100	Without Wall Box	308.02
	W=130 TO 150 YA101#130	Without Wall Box	311.33
	W=130-150 YA211#130	White	373.12
	W=160-180 YA211#160	White	376.33
	W=130-150 YA212#130	Nickel Bronze	400.03
	W=160-180 YA212#160	Nickel Bronze	403.24
	W=130-150 YA213#130	Gunmetal Satin	399.51
	W=160-180 YA213#160	Gunmetal Satin	402.72
	W=130-150 YA304#130	Stainless Steel 304	381.29
	W=160-180 YA304#160	Stainless Steel 304	384.50
	W=130-150 YA316#130	Stainless Steel 316	419.69
	W=160-180 YA316#190	Stainless Steel 316	426.21
SEDIMENT INTERCEPTORS - STAINLESS STEEL			
SSL SEDIMENT INTERCEPTOR	5740	2" BSP	1395.70
SEDIMENT INTERCEPTOR	5750	2" BSP	999.19

WADE DRAINAGE			
WATER POINTS & GREASE / SEDIMENT			
Description	Code	Type	Price £
ACTIMATIC GREASE CONVERTERS - STAINLESS STEEL			
	6020LR	4" BSP	1508.62
	6022LR	2" BSP	1508.62
	6030	4" BSP	1465.66
	6032LR	2" BSP	1825.95
	6035LR	4" BSP	1825.95
	6060	4" BSP	1825.95
	6080	4" BSP	1982.03



GATIC

DRAINAGE & ACCESS COVERS





Gatic's Slotdrain hexagonal channel profile was originally developed in conjunction with industry professionals from the airport sector. The unique concept however has proved infinitely scalable and has been developed into a comprehensive range of products suitable for smaller projects too such as landscaping schemes, shopping developments and parking facilities.

Manufacture

- UK manufactured by Gatic
- Environmental Management System has been approved and accredited to ISO 14001:
- Slotdrain is mechanically assembled, which eliminates welding and minimises energy usage in the manufacturing process

Applications

- CastSlot sits within asphalt, block and concrete surface
- UltraSlot is used in external pavements areas such as airports, ports and highways
- PaveSlot is used to drain external hard surface areas where a neat, unobtrusive aesthetic is required
- FacadeSlot surface drainage to be installed against a building

Materials and Finishes

- Slotdrain channels, accessories and components are manufactured from materials including galvanised steel, ductile iron and plastics
- A significant proportion of these raw materials used are from recycled sources
- Slotdrain is 100% recyclable

Features & Benefits

- Minimal visual impact
- Comprehensive range for all types of applications
- Suitable for applications up to F900
- Water attenuation is a primary feature of Slotdrain
- Single Unit – 3000mm, 1000mm, 500mm channels
- V shaped channel base aides self-cleaning flow
- Tapered throat helps prevent blockages
- Slotdrain complies with the relevant parts of BS EN 1433: + A1 for linear drainage channels
- New Through Spacer design & Locking System



See page 356

CastSlot



See page 357

CastSlot Treadsafe



See page 358

UltraSlot



See page 359

UltraSlot Treadsafe



See page 360

PaveSlot



See page 361

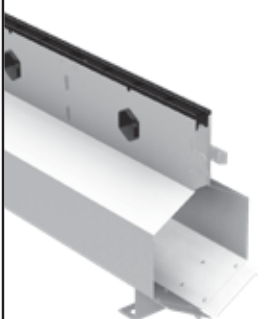
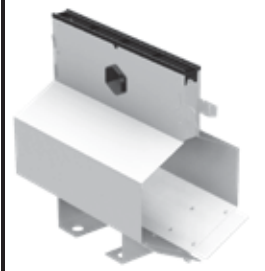
FacadeSlot

SLOTDRAIN

CASTSLOT

Description	Code	Width (mm)	Price £
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CHANNELS

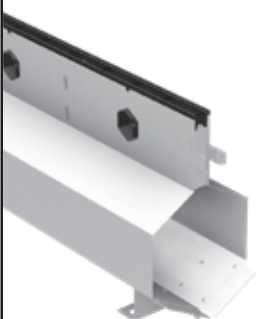
	3m	CA00225	100	POA
		CA00226	150	POA
		CA00227	225	POA
		CA00228	300	POA
		CA00229	350	POA
		CA00230	400	POA
		CA00231	500	POA
	1m	CA00232	600	POA
		CA00233	100	POA
		CA00234	150	POA
		CA00235	225	POA
		CA00236	300	POA
		CA00237	350	POA
		CA00238	400	POA
	0.5m	CA00239	500	POA
		CA00240	600	POA
		CA00241	100	POA
		CA00242	150	POA
		CA00243	225	POA
		CA00244	300	POA
		CA00245	350	POA
		CA00246	400	POA
		CA00247	500	POA
		CA00248	600	POA

SLOTDRAIN

CASTSLOT TREADSAFE

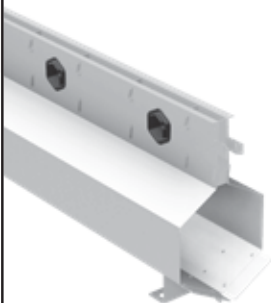
Description	Code	Width (mm)	Price £
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CHANNELS

	3m	CAT00225	100	POA
		CAT00226	150	POA
		CAT00227	225	POA
		CAT00228	300	POA
		CAT00229	350	POA
		CAT00230	400	POA
		CAT00231	500	POA
	1m	CAT00232	600	POA
		CAT00233	100	POA
		CAT00234	150	POA
		CAT00235	225	POA
		CAT00236	300	POA
		CAT00237	350	POA
		CAT00238	400	POA
	0.5m	CAT00239	500	POA
		CAT00240	600	POA
		CAT00241	100	POA
		CAT00242	150	POA
		CAT00243	225	POA
		CAT00244	300	POA
		CAT00245	350	POA
		CAT00246	400	POA
		CAT00247	500	POA
		CAT00248	600	POA

SLOTDRAIN

ULTRASLOT

Description	Code	Width (mm)	Price £	
CHANNELS				
	3m	UA00325	100	POA
		UA00326	150	POA
		UA00327	225	POA
		UA00328	300	POA
		UA00329	350	POA
		UA00330	400	POA
		UA00331	500	POA
	1m	UA00332	600	POA
		UA00333	100	POA
		UA00334	150	POA
		UA00335	225	POA
		UA00336	300	POA
		UA00337	350	POA
		UA00338	400	POA
		UA00339	500	POA
		UA00340	600	POA
	0.5m	UA00341	100	POA
		UA00342	150	POA
		UA00343	225	POA
		UA00344	300	POA
		UA00345	350	POA
		UA00346	400	POA
		UA00347	500	POA
		UA00348	600	POA

SLOTDRAIN

ULTRASLOT TREADSAFE

Description		Code	Width (mm)	Price £
CHANNELS				
	3m	UAT00325	100	POA
		UAT00326	150	POA
		UAT00327	225	POA
		UAT00328	300	POA
		UAT00329	350	POA
		UAT00330	400	POA
		UAT00331	500	POA
	1m	UAT00332	600	POA
		UAT00333	100	POA
		UAT00334	150	POA
		UAT00335	225	POA
		UAT00336	300	POA
		UAT00337	350	POA
		UAT00338	400	POA
	0.5m	UAT00339	500	POA
		UAT00340	600	POA
		UAT00341	100	POA
		UAT00342	150	POA
		UAT00343	225	POA
		UAT00344	300	POA
		UAT00345	350	POA
		UAT00346	400	POA
		UAT00347	500	POA
		UAT00348	600	POA

SLOT DRAIN

PAVESLOT

Description		Code	Width (mm)	Price £
CHANNELS				
	3m	PA00025	100	POA
		PA00026	150	POA
		PA00027	225	POA
		PA00028	300	POA
		PA00029	350	POA
		PA00192	400	POA
	1m	PA00193	500	POA
		PA00194	600	POA
		PA00033	100	POA
		PA00034	150	POA
		PA00035	225	POA
		PA00036	300	POA
	0.5m	PA00037	350	POA
		PA00195	400	POA
		PA00196	500	POA
		PA00197	600	POA
		PA00041	100	POA
		PA00042	150	POA
		PA00043	225	POA
		PA00044	300	POA
		PA00045	350	POA
		PA00198	400	POA
		PA00199	500	POA
		PA00200	600	POA

SLOT DRAIN

FACADESLOT

Description		Code	Width (mm)	Price £
CHANNELS				
	3m	FA00025	50	POA
		FA00026	75	POA
		FA00027	115	POA
	1m	FA00033	50	POA
		FA00034	75	POA
		FA00035	115	POA
	0.5m	FA00041	50	POA
		FA00042	75	POA
		FA00043	115	POA
FACADE SLOT END CAPS				
		00170	50	POA
		00171	75	POA
		00172	115	POA

SLOT DRAIN				
BOXES				
Description	Code	To Suit Channels	Price £	
ACCESS BOX (CASTSLOT/ULTRASLOT) - Double Triangular Grating				
	Asphalt/Paving	ADD00116	Up to 225	POA
	Concrete	ADD00119	From 225 to 400	POA
		ADD00122	From 400 to 600	POA
		ADF00118	Up to 225	POA
		ADF00121	From 225 to 400	POA
		ADF00124	From 400 to 600	POA
OUTLET BOX (CASTSLOT/ULTRASLOT) - Double Triangular Grating				
	Asphalt/Paving	TDD00116	Up to 225	POA
	Concrete	TDD00119	From 225 to 400	POA
		TDD00122	From 400 to 600	POA
		TDF00118	Up to 225	POA
		TDF00121	From 225 to 400	POA
		TDF00124	From 400 to 600	POA
SILT BOX (CASTSLOT/ULTRASLOT) - Double Triangular Grating				
	Asphalt/Paving	SDD00116	Up to 225	POA
	Concrete	SDD00119	From 225 to 400	POA
		SDD00122	From 400 to 600	POA
		SDF00118	Up to 225	POA
		SDF00121	From 225 to 400	POA
		SDF00124	From 400 to 600	POA
ACCESS BOX (PAVESLOT) - Galvanised Recessed Cover				
	Paving	AFC00125	Up to 225	POA
		AFC00127	From 225 to 400	POA
		AFC00129	From 400 to 600	POA
OUTLET BOX (PAVESLOT) - Galvanised Recessed Cover				
	Paving	TFC00125	Up to 225	POA
		TFC00127	From 225 to 400	POA
		TFC00129	From 400 to 600	POA
SILT BOX (PAVESLOT) - Galvanised Recessed Cover				
	Paving	SFC00125	Up to 225	POA
		SFC00127	From 225 to 400	POA
		SFC00129	From 400 to 600	POA
FACADE ACCESS BOX (FACADESLOT) - Galvanised Recessed Cover				
	Paving	FBA00140	115	POA
FACADE OUTLET BOX (FACADESLOT) - Galvanised Recessed Cover				
	Paving	FBA00144	115	POA
FACADE COMBINED ACCESS/OUTLET VBOX (FACADESLOT)				
	Paving	FBA00146	115	POA

SLOT DRAIN			
SLOT DRAIN ACCESSORIES			
Description	Code	To Suit Channels	Price £
CATCHPIT CONNECTORS			
(not available for FacadeSlot) 	CCA00173	100	POA
	CCA00174	150	POA
	CCA00175	225	POA
	CCA00176	300	POA
	CCA00177	350	POA
	CCA00178	400	POA
	CCA00179	500	POA
	CCA00180	600	POA
CHANNEL PIPES			
(not available for FacadeSlot) 	SPA00181	100	POA
	SPA00182	150	POA
	SPA00183	225	POA
	SPA00184	300	POA
	SPA00185	350	POA
	SPA00186	400	POA
	SPA00187	500	POA
	SPA00188	600	POA
DROP CONNECTORS			
(not available for FacadeSlot) 	00155	100-150	POA
	00156	150-225	POA
	00157	225-300	POA
	00158	300-350	POA
	00159	350-400	POA
	00160	400-500	POA
	00161	500-600	POA

SLOT DRAIN

SLOT DRAIN ACCESSORIES continued

Description	Code	To Suit Channels	Price £
END CAPS/END CAP OUTLETS			
	00162	100	POA
	00163	150	POA
	00164	225	POA
	00165	300	POA
	00166	350	POA
	00167	400	POA
	00168	500	POA
	00169	600	POA
	00170	50	POA
	00171	75	POA
	00172	115	POA
FLOW REGULATORS			
(not available for FacadeSlot) 	00217	225	POA
	00218	300	POA
	00219	350	POA
	00220	400	POA
	00221	500	POA
	00222	600	POA





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