

Alumasc Rainwater Systems

The Traditional Aluminium Range

Heritage Cast Aluminium is a range of traditional profiles, fittings and accessories in cast aluminium. Designed to provide all the key architectural features appropriate to traditionally designed buildings either new build or refurbishment, in a lightweight fully finished product.



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Contemporary
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Steel

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Aluminium Rainwater Systems - Overview of finishes

Alumasc Aluminium Rainwater Systems are available in plain mill finish or in the Raincote range of BBA approved polyester powder coatings. The standard aluminium RAL range offers a choice of 26 colours, all with a 30% gloss finish unless otherwise stated.

Traditional & Contemporary Aluminium Rainwater Systems: In-House Powder Coatings

Alumasc's in-house powder coating plant gives both the control and the freedom to produce a range of colour finishes to a level not typically available in the construction industry. Utilising the technologies and procedures adopted for its automotive precision castings division, Alumasc benefits from high specification coating techniques that fulfil the rigors of testing prescribed by some of the world's leading vehicle producers. Finishes of this quality maintain their appearance even when subject to harsh geographical weather conditions.

The aluminium undergoes a series of pretreatments to provide the ideal prepared surface to receive an electrostatically applied polyester powder in the chosen colour. This is then 'baked' and bonded to the fitting in a carefully controlled oven; the complete process is achieved on a continuous line to obtain the best results. The performance of polyester powder coated rainwater systems greatly exceeds that of site painted systems.

Approvals & Quality Control

Polyester powder coating is in accordance with BS EN 12206-1:2004. This refers to the coating of aluminium and aluminium alloys for architectural purposes. In the case of rainwater systems it is accepted that such a coating is both decorative and protective. Alumasc systems will certainly be finished to this standard, and in most cases will exceed it.

Along with independent auditing to the ISO 9001:2008 Quality Management Standard, Alumasc maintains BBA certification for the powder coating of its aluminium rainwater goods in respect of longevity of performance and colourfastness - British Board of Agrément Certificate No. 86/1671.

Choice of Colour

The standard aluminium Raincote range comprises 26 colours and additional colours with a BS or RAL number available to special order, subject to quantity and cost.

The colours reproduced on this page are for general guidance only.

Please contact the Alumasc marketing team for further information on colour choice and samples.

01536 383810



* Also available in a textured finish



We can match any BS or RAL colour of your choice

Heritage Cast Aluminium - Product Summary

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 for cast iron
- For both flush and projecting eaves applications
- Can use any combination of aluminium gutter and aluminium downpipe ranges

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 when using a marine grade coating)
- Easy to handle and fix
- BBA approved process
- Aluminium is 100% recyclable

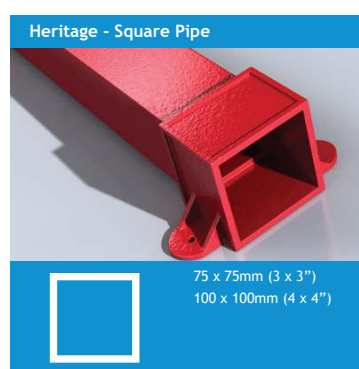
Manufacture

- UK manufactured by Alumasc

- Gutters and fixings made from LM6 marine 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 & 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
- 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



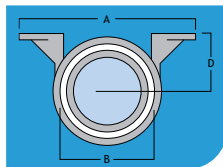
Heritage - Circular Pipes & Fittings

Contents

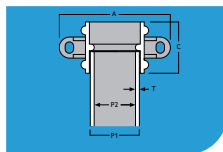


Heritage Circular Pipes are available in 4 pipe diameters and 3 pipe lengths, together with a complete range of fittings. Complementary rainwater heads are also available. It can be finished to replicate cast iron, or BBA approved polyester powder coated using the Raincote range.

Notes: Pipes are extruded sections with cast sockets. The majority of fixings are cast, however, certain fittings are fabricated.
All dimensions are in mm unless shown otherwise.
Pipe sizes shown are nominal.
All circular sockets are an interference fit with the exception of 150mm which are factory welded.

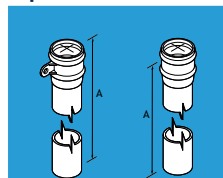


Sockets (Nominal)	63	75	100	150
A Length of flange overall	144	160	187	245
B Internal Diameter	73.5 to 70	85 to 81.5	110 to 108	163 to 160
C Height of socket	89	95	90	125
D Distance from Centre line of pipe to wall	65	71	90	118



Pipes (Nominal)	63	75	100	150
P1 External Diameter	63	76.5	102	152
P2 Internal Diameter	60.5	74	98.5	147
T Thickness	1.22	1.22	1.6	2.5

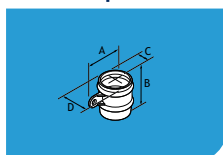
Pipes - With and Without Ears



Note: The codes given above are for pipes with ears. For pipes without ears suffix codes with /NE 63, 75 and 100mm pipes are supplied with separate interference-fit cast sockets

Pipe Size	A	Product Code
63 (2.5")	3000	RW1/3MPPC
63 (2.5")	2000	RW1/2MPPC
63 (2.5")	1000	RW1/1MPPC
75 (3")	3000	RW2/3MPPC
75 (3")	2000	RW2/2MPPC
75 (3")	1000	RW2/1MPPC
100 (4")	3000	RW3/3MPPC
100 (4")	2000	RW3/2MPPC
100 (4")	1000	RW3/1MPPC
150 (6")	3000	RW60/3MPPC
150 (6")	2000	RW60/2MPPC
150 (6")	1000	RW60/1MPPC

Round Pipe Sockets - With Ears



Pipe Size	A	B	C	D	Product Code
63 (2.5")	144	89	65	73.5 to 70	RW1/240PPC
75 (3")	160	95	71	86.5 to 81	RW2/241PPC
100 (4")	187	90	90	110 to 108	RW3/242PPC
150 (6")	245	125	118	163 to 160	RW60/PSPPC

Note: The products are available in plain mill finish or polyester powder coated using a BBA approved process. Product codes in the tables refer to the powder coated finish. For mill finish please remove the suffix PPC. Sundry items are not included as standard unless otherwise stated. Please order sundry items separately.

Heritage - Hopper Heads

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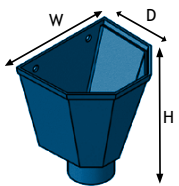
Flat Back (Curved Edge)



Pipe Size	W	D	H	Product Code
63mm Ø	190	170	180	RW1/72PPC
75mm Ø	190	170	180	RW2/86PPC
100mm Ø	190	170	180	RW3/131PPC

Bespoke code needed when using small base clips

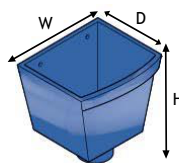
Flat Back (Fluted Edge)



Pipe Size	W	D	H	Product Code
63mm Ø	200	170	170	RW1/HOP/FBPPC
75mm Ø	200	170	170	RW2/HOP/FBPPC

Bespoke code needed when using small base clips

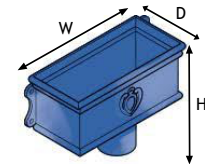
Rectangular



Pipe Size	W	D	H	Product Code
63mm Ø	260	190	180	RW1/111PPC
75mm Ø	260	190	180	RW2/112PPC
100mm Ø	260	190	180	RW3/113PPC

Bespoke code needed when using small base clips

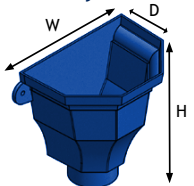
Ornamental



Pipe Size	W	D	H	Product Code
63mm Ø	410	190	180	RWOH/25PPC
75mm Ø	410	190	180	RWOH/30PPC
100mm Ø	410	190	180	RWOH/40PPC

Bespoke code needed when using small base clips

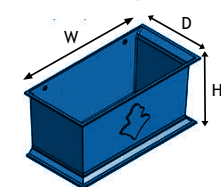
Berkeley



Pipe Size	W	D	H	Product Code
63mm Ø	315	200	230	RW1/HOP/BPPC
75mm Ø	315	200	230	RW2/HOP/BPPC
100mm Ø	315	200	230	RW3/HOP/BPPC

Bespoke code needed when using small base clips

Chatsworth (with Motif)



Pipe Size	W	D	H	Product Code
63mm Ø	380	190	180	RW1/HOP/CMPPC
75mm Ø	380	190	180	RW2/HOP/CMPPC
100mm Ø	380	190	180	RW3/HOP/CMPPC

Bespoke code needed when using small base clips

Note: The products are available in plain mill finish or polyester powder coated using a BBA approved process. Product codes in the tables refer to the powder coated finish. For mill finish please remove the suffix PPC. Sundry items are not included as standard unless otherwise stated. Please order sundry items separately.