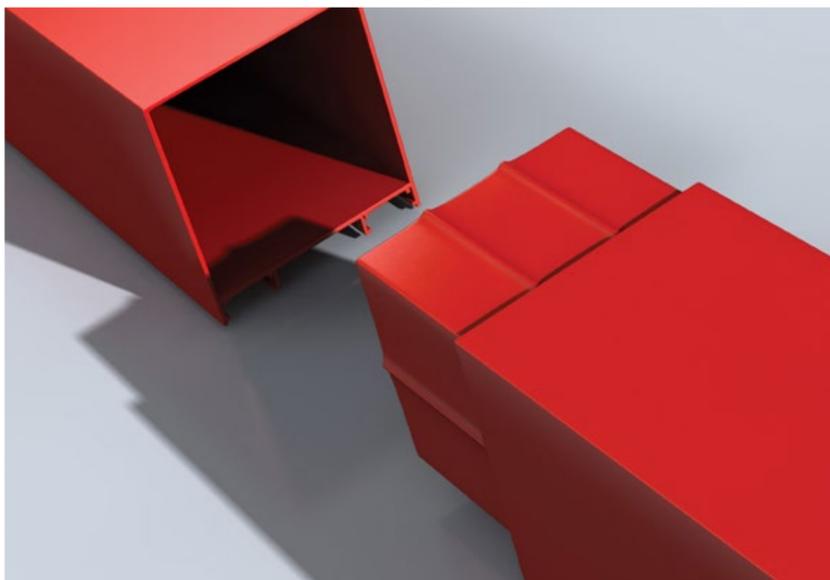


Guardian - Square & Rectangular Pipes & Fittings

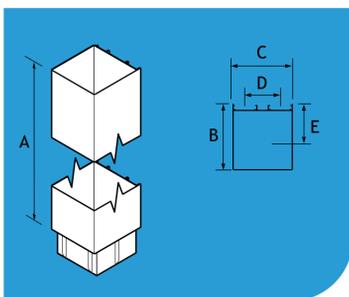
Contents



Guardian Square Pipes are available in 3 square/rectangular sizes and pipe lengths of 2m. Concealed flush fixing ensures that the pipe cannot be scaled. Polyester powder coated using the raincote range on a BBA approved process.

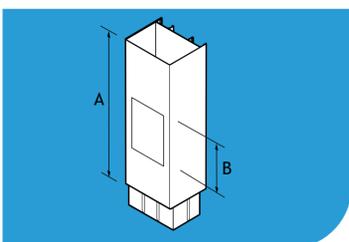
Notes: Guardian is a bespoke manufactured range. Contact Alumasc Technical Services for more information.

All dimensions are in mm unless shown otherwise.



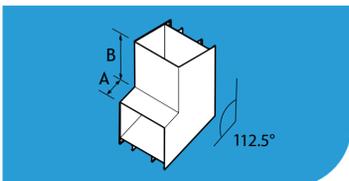
Pipe Size	Pipe Length (A)	B	C	D	E	Product Code
80 x 72	2000	80	72	41	44	HSP/S33/2MAPPCC
80 x 72	1000	80	72	41	44	HSP/S33/1MAPPCC
84 x 102	2000	84	102	71	46	HSP/S43/2MAPPCC
84 x 102	1000	84	102	71	46	HSP/S43/1MAPPCC
109 x 102	2000	109	102	71	59	HSP/S44/2MAPPCC
109 x 102	1000	109	102	71	59	HSP/S44/1MAPPCC

Access Pipes



Pipe Size	A	B	Product Code
80 x 72	300	150	HSP/S33/ACPPPC
84 x 102	300	150	HSP/S43/ACPPPC
109 x 102	300	150	HSP/S44/ACPPPC

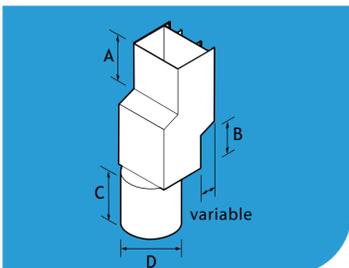
Shoe



Pipe Size	A	B	Product Code
80 x 72	30	100	HSP/S33/SHPPC
84 x 102	30	305	HSP/S43/SHPPC
109 x 102	30	100	HSP/S44/SHPPC

Drain Connector

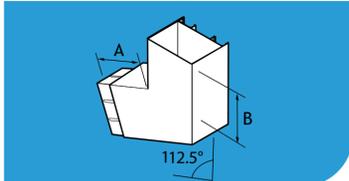
Note: This is a made to order item. Dimensions are required from the wall to the centre of the drain prior to placing an order



Pipe Size	A	B	C	D	Product Code
80 x 72	100	100	100	Variable	HSP/S33/ZADPPPC
84 x 102	100	100	100	Variable	HSP/S43/ZADPPPC
109 x 102	100	100	100	Variable	HSP/S44/ZADPPPC

Bend

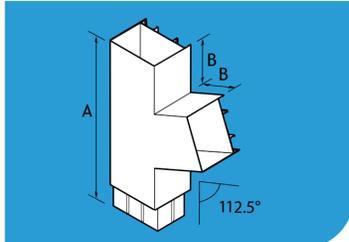
Note: Please specify whether left, right, front or rear is required. Please specify whether 92.5, 112.5 or 135° is required



Pipe Size	A	B	Product Code
80 x 72	100	100	HSP/S33/ZBNDPPC
84 x 102	100	100	HSP/S43/ZBNDPPC
109 x 102	100	100	HSP/S44/ZBNDPPC

Branch

Note: Please state whether left or right hand is required. Please specify whether 92.5, 112.5 or 135° is required



Pipe Size	A	B	Product Code
80 x 72	300	100	HSP/S33/ZBRNPPC
84 x 102	300	100	HSP/S43/ZBRNPPC
109 x 102	300	100	HSP/S44/ZBRNPPC

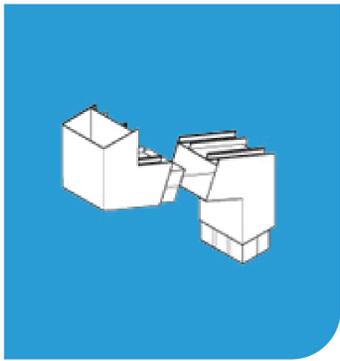
Note: The products are available in plain mill finish or polyester powder coated using a BBA approved process. Product codes in the tables refer to the powder coated finish. For mill finish please remove the suffix PPC. Sundry items are not included as standard unless otherwise stated. Please order sundry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

Guardian - Square & Rectangular Pipes & Fittings - Cont.

Contents

92.5° Two Part Offsets

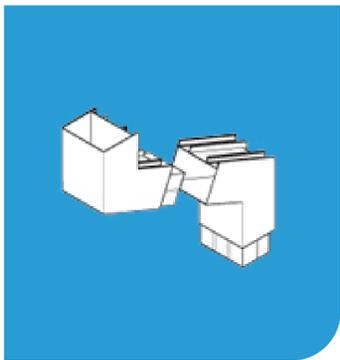
Note: Dimension C can be cut on site, min and max dimensions below



Pipe Size	Offset size	A	MAX	MIN	Product Code
80x72	305	100	408	147	HSP/S33/305/92
80x72	533	100	636	147	HSP/S33/533/92
80x72	762	100	865	147	HSP/S33/762/92
84x102	305	100	413	152	HSP/S43/305/92
84x102	533	100	641	152	HSP/S43/533/92
84x102	762	100	870	152	HSP/S43/762/92
109x102	305	100	436	178	HSP/S44/305/92
109x102	533	100	664	178	HSP/S44/533/92
109x102	762	100	893	178	HSP/S44/762/92

112.5° Two Part Offsets

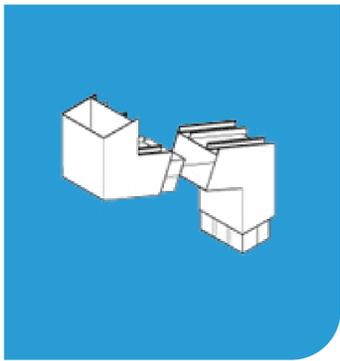
Note: Dimension C can be cut on site, min and max dimensions below



Pipe Size	A	Offset Size	MAX	MIN	Product Code
80x72	100	305	354	115	HSP/S33/305/112
80x72	100	533	568	115	HSP/S33/533/112
80x72	100	762	780	115	HSP/S33/762/112
84x102	100	305	354	115	HSP/S43/305/112
84x102	100	533	568	115	HSP/S43/533/112
84x102	100	762	780	115	HSP/S43/762/112
109x102	100	305	436	178	HSP/S44/305/112
109x102	100	533	664	178	HSP/S44/533/112
109x102	100	762	893	178	HSP/S44/762/112

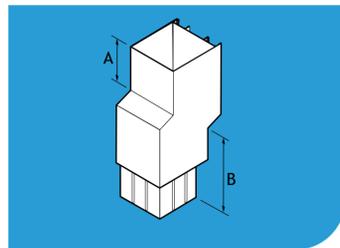
135° Two Part Offsets

Note: Dimension C can be cut on site, min and max dimensions below



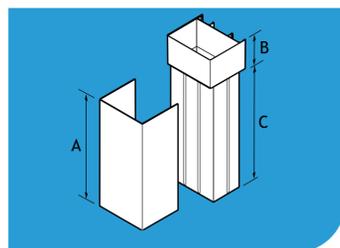
Pipe Size	A	Offset Size	MAX	MIN	Product Code
80x72	100	305	257	100	HSP/S33/305/135
80x72	100	533	418	100	HSP/S33/533/135
80x72	100	762	580	100	HSP/S33/762/135
84x102	100	305	258	100	HSP/S43/305/135
84x102	100	533	419	100	HSP/S43/533/135
84x102	100	762	581	100	HSP/S43/762/135
109x102	100	305	266	100	HSP/S44/305/135
109x102	100	533	427	100	HSP/S44/533/135
109x102	100	762	590	100	HSP/S44/762/135

135° Fixed Offsets



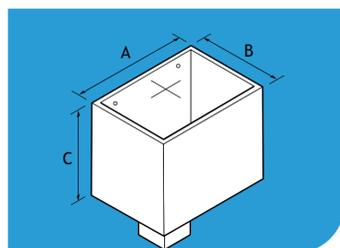
Pipe Size	Offset	A	B	Product Code
80 x 72	75	100	100	HSP/S33/75/135APPC
84 x 102	75	100	100	HSP/S43/75/135APPC
109 x 102	75	100	100	HSP/S44/75/135APPC

Make-Up Piece



Pipe Size	A	B	C	Product Code
80 x 72	340	60	380	HSP/S33/MUPPPC
84 x 102	340	60	380	HSP/S43/MUPPPC
109 x 102	340	60	380	HSP/S44/MUPPPC

Contemporary Rainwater Heads



Pipe Size	A	B	C	Product Code
80 x 72	250	180	200	HSP/S33/HOPPPC
84 x 102	250	180	200	HSP/S43/HOPPPC
109 x 102	250	180	200	HSP/S44/HOPPPC

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.

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 coating is both decorative and protective. Alumasc systems will certainly be finished to this standard, and will in most cases 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 colour fastness - British Board of Agrément Certificate No. 86/1671.

Choice of Colour

The standard aluminium Raincote range comprises 26 colours with 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 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”