

# Guardian - Circular Pipes & Fittings

## Contents

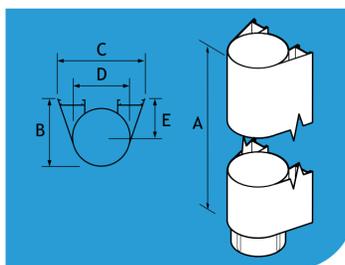


Guardian Circular Pipes are available in 2 sizes and pipe lengths of 2m. Concealed flush fixing ensures that the pipe cannot be scaled. Polyester powder coated using the raincote range on a BBA approved process.

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

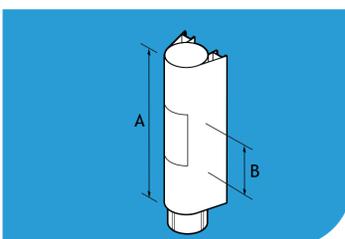
All dimensions are in mm unless shown otherwise.

## Pipes



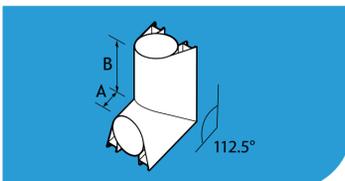
Pipe Size	Pipe Length (A)	B	C	D	E	Product Code
86 x 106	3000	63	86	70	47	HSP/V30/2MAPPC
86 x 106	2000	63	86	70	47	HSP/V30/1MAPPC
111 x 138	1000	63	111	102	60	HSP/V40/2MAPPC
111 x 138	3000	75	111	102	60	HSP/V40/1MAPPC

## Access Pipes



Pipe Size	A	B	Product Code
86 x 106	300	150	HSP/V30/ACPPPC
111 x 138	300	150	HSP/V40/ACPPPC

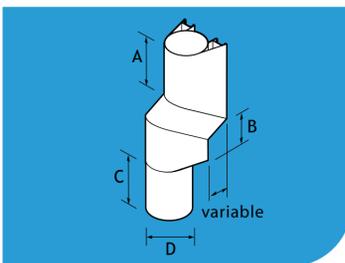
## Shoe



Pipe Size	A	B	Product Code
86 x 106	30	100	HSP/V30/SHPPC
111 x 138	30	100	HSP/V40/SHPPC

## Drain Connector

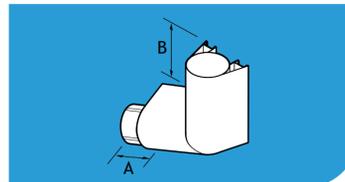
Note: This is a made to order item. Dimensions are required from the wall to the centre of the drain prior to placing an order



Pipe Size	A	B	C	D	Product Code
86 x 106	100	100	100	Variable	HSP/V30/ZADPPC
111 x 138	100	100	100	Variable	HSP/V40/ZADPPC

## Bend

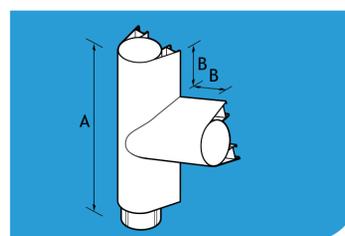
Note: Please specify whether left, right, front or rear is required. Please specify whether 92.5, 112.5 or 135° is required



Pipe Size	A	B	Product Code
86 x 106	100	100	HSP/V30/ZBNDPPC
111 x 138	100	100	HSP/V40/ZBNDPPC

## Branch

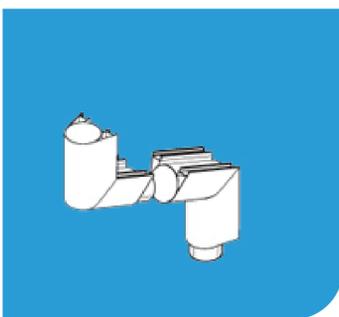
Note: Please state whether left or right hand is required. Please specify whether 92.5, 112.5 or 135° is required



Pipe Size	A	B	Product Code
86 x 106	300	100	HSP/V30/ZBRNPPC
111 x 138	300	100	HSP/V40/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.

## 92.5° Two Part Offsets



Pipe Size	A	B	MAX	MIN	Product Code
86x106	100	305	413	152	HSP/V30/305/92
86x106	100	533	641	152	HSP/V30/533/92
86x106	100	762	870	152	HSP/V30/762/92
111x138	100	305	438	181	HSP/V40/305/92
111x138	100	533	666	181	HSP/V40/533/92
111x138	100	762	895	181	HSP/V40/762/92

## 112.5° Two Part Offsets

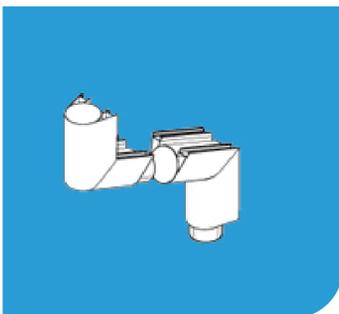
Note: Dimension C can be cut on site, min and max dimensions below



Pipe Size	A	B	MAX	MIN	Product Code
86x106	100	305	413	152	HSP/V30/305/112
86x106	100	533	641	152	HSP/V30/533/112
86x106	100	762	870	152	HSP/V30/762/112
111x138	100	305	438	181	HSP/V40/305/112
111x138	100	533	666	181	HSP/V40/533/112
111x138	100	762	895	181	HSP/V40/762/112

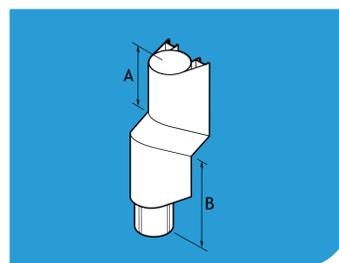
## 135° Two Part Offsets

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



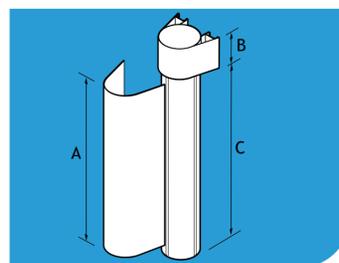
Pipe Size	A	B	MAX	MIN	Product Code
86x106	100	305	413	152	HSP/V30/305/135
86x106	100	533	641	152	HSP/V30/533/135
86x106	100	762	870	152	HSP/V30/762/135
111x138	100	305	438	181	HSP/V40/305/135
111x138	100	533	666	181	HSP/V40/533/135
111x138	100	762	895	181	HSP/V40/762/135

## 135° Fixed Offsets



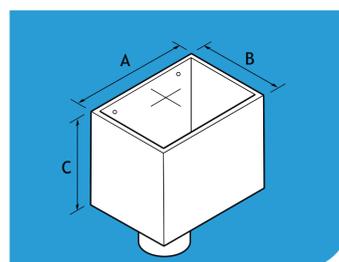
Pipe Size	Offset	A	B	Product Code
86 x 106	75	100	100	HSP/V30/75/135APPC
111 x 138	75	100	100	HSP/V40/75/135APPC

## Make-Up Piece



Pipe Size	A	B	C	Product Code
86 x 106	340	60	380	HSP/V30/MUPPPC
111 x 138	340	60	380	HSP/V40/MUPPPC

## Contemporary Rainwater Heads



Pipe Size	A	B	C	Product Code
86 x 106	250	180	200	HSP/V30/HOPPPC
111 x 138	250	180	200	HSP/V40/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”*