

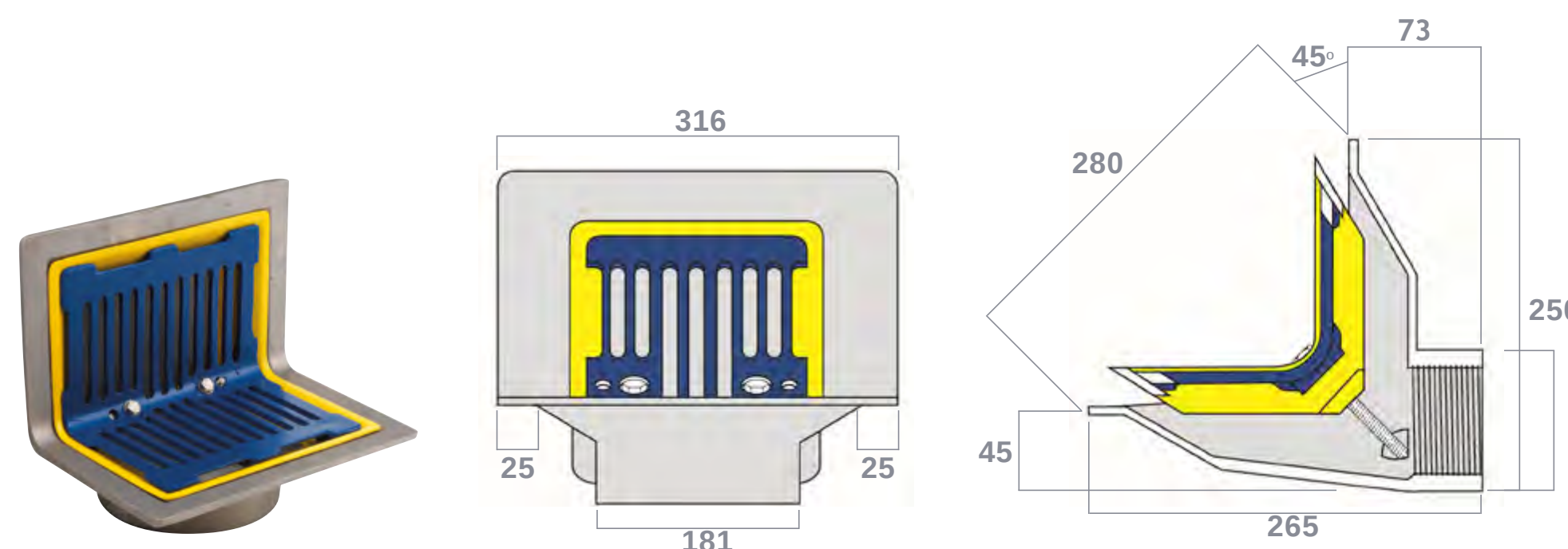
Aluminium Roof Outlets - Two-Way Detail Outlets



Large Two-Way

The Large Two-Way is designed for use on large surface drainage areas where 150mm outlets are required. Outlet connection options is 6" BSP thread.

Threaded outlets are particularly recommended where a connection to the outlet occurs within the thickness of a concrete slab. In such cases, a threaded connection will create a completely gastight seal within the slab. (Page 42)



Flow Rate Note 1 (applies to all tables) Flow rates are in litres per second based on flow rate test data. Where tested flow rates are greater than pipe capacity limits of BS EN 12056, the pipe capacity limit has been shown. Contact Harmer Technical Services for variable outlet performance to specific depth of water and rainfall intensity

Outlet Size (mm)	a (BSP)	Flow Rate ¹ (l/s)		Weight (kg)	Product Code
		Vertical	Horizontal		
150	2"	6.37	2.91	5.1	6TW

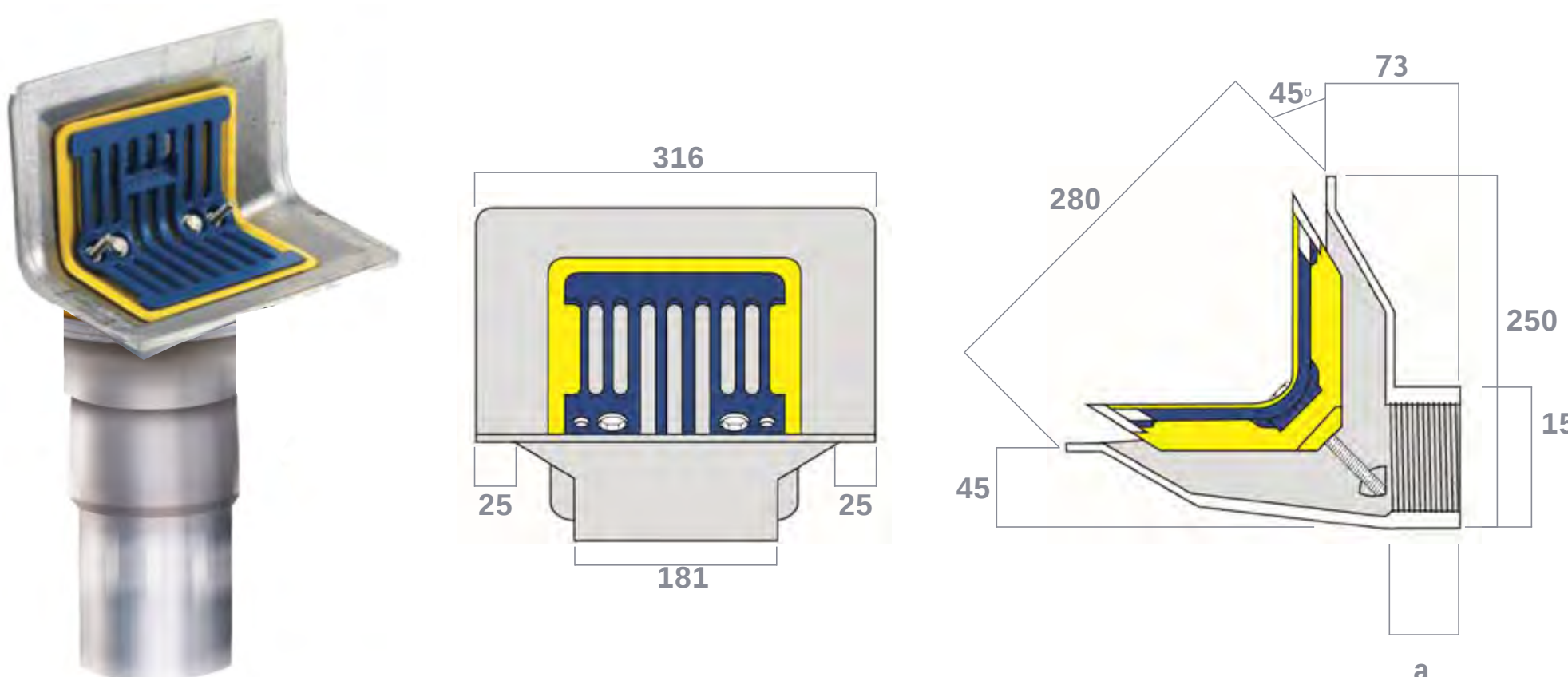


Large Two-Way Extended Spigot Outlet

The Large Two-Way is designed for use on large surface drainage areas where 150mm outlets are required. Outlet connection options is 6" BSP thread.

Bespoke Lengths

All extended outlets come as standard with 200mm, 400mm, 600mm, 800mm and 1000mm spigots. For bespoke lengths please use the table below to specify the correct product code, and clearly state the dimension required when specifying or placing an order. For bespoke lengths a drawing for approval will be issued prior to manufacture. For example an AV400 with a spigot length of 362mm, please specify AV400/EXT/400 and clearly state 362mm spigot on your specification and/or order. If no specific dimension is provided, spigot length will be supplied as shown in column "e" of the product table.



Bespoke Spigot Length Required (mm)	Product Code Required
0-200	Code ending /200
201-400	Code ending /400
401-600	Code ending /600
601-800	Code ending /800
801-1000	Code ending /1000

Outlet Size (mm)	a (mm)	Flow Rate ¹ (l/s)		Weight (kg)	Product Code
		Vertical	Horizontal		
150	Up to 200	6.37	2.91	5.7	6TW/EXT/200
150	201 to 400	6.37	2.91	6.4	6TW/EXT/400
150	401 to 600	6.37	2.91	7.0	6TW/EXT/600
150	601 to 800	6.37	2.91	7.8	6TW/EXT/800
150	801 to 1000	6.37	2.91	8.3	6TW/EXT/1000

Aluminium Roof Outlets - Parapet Downspouts

Harmer Roof Parapet Downspouts are designed to effectively discharge rainwater away from the building and avoid the problem of rainwater backtrack to the face of the wall. Parapet Downspouts can also be used in conjunction with parapet overflows.

Introduction

Harmer Roof Parapet Downspouts provide an attractive means of directing water away from the face of the building in such a way as to prevent the backtrack of rainwater from causing unsightly staining and damage.

Harmer Roof Parapet Downspouts can be used in combination with Alumasc's Flushjoint and Heritage rainwater pipes as well as hoppers, and when colour co-ordinated, will add to the finished appearance of the building.

Application

Downspouts are ideally suited for use with Harmer Detail Two-Way outlets fitted with Harmer Threaded Spigot Adaptors. They can also provide a discreet means of discharge when used with parapet overflows.

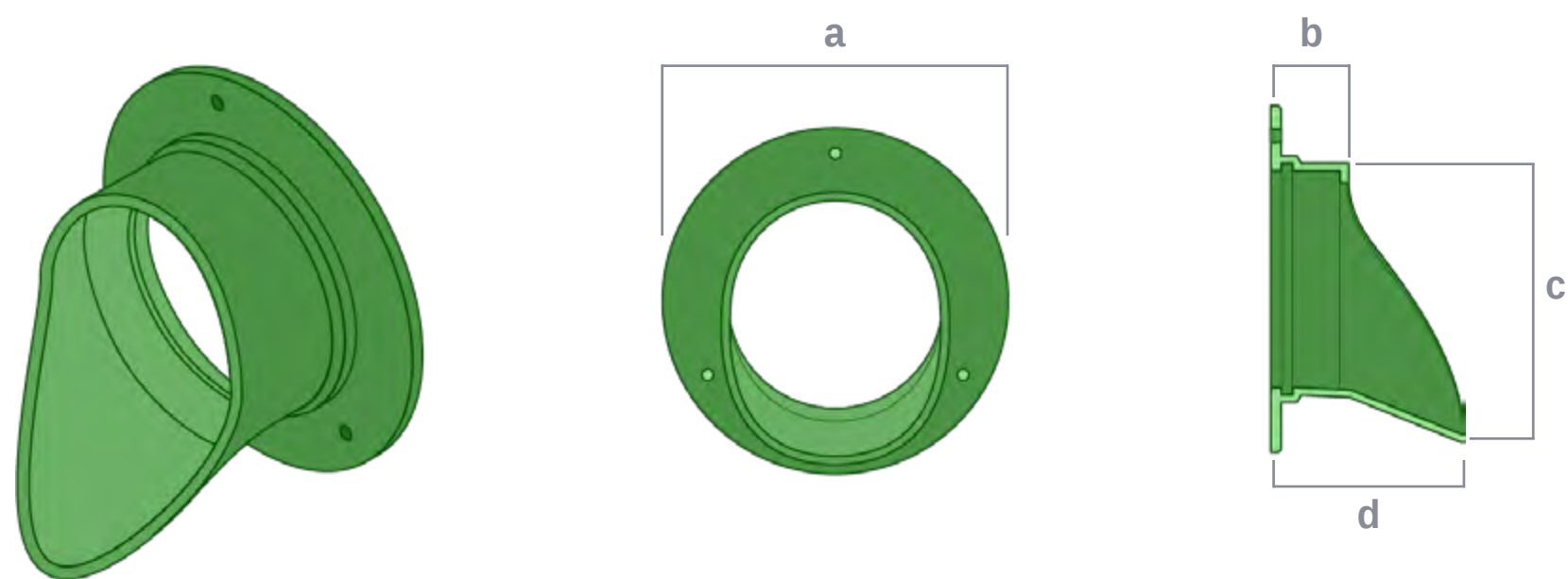
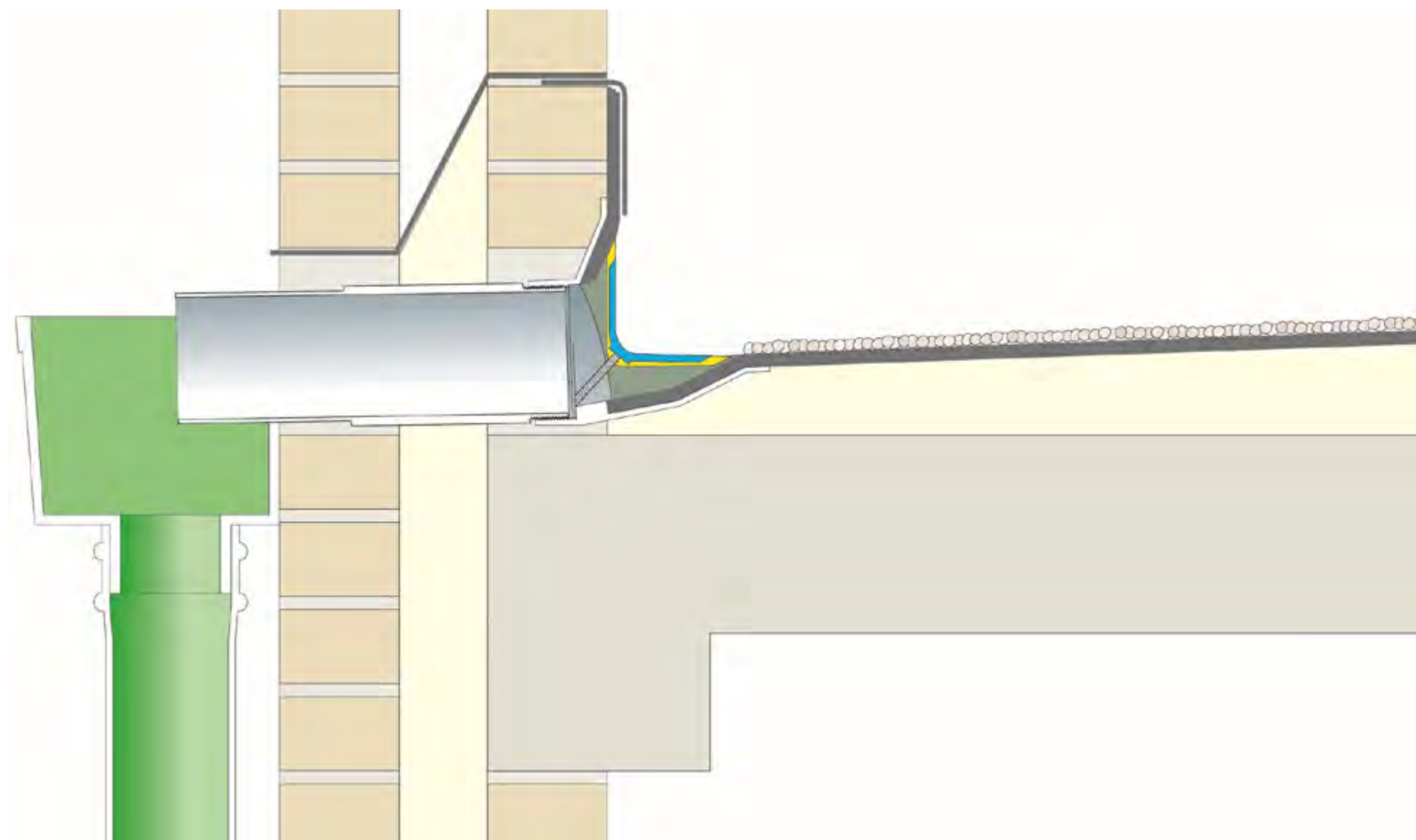
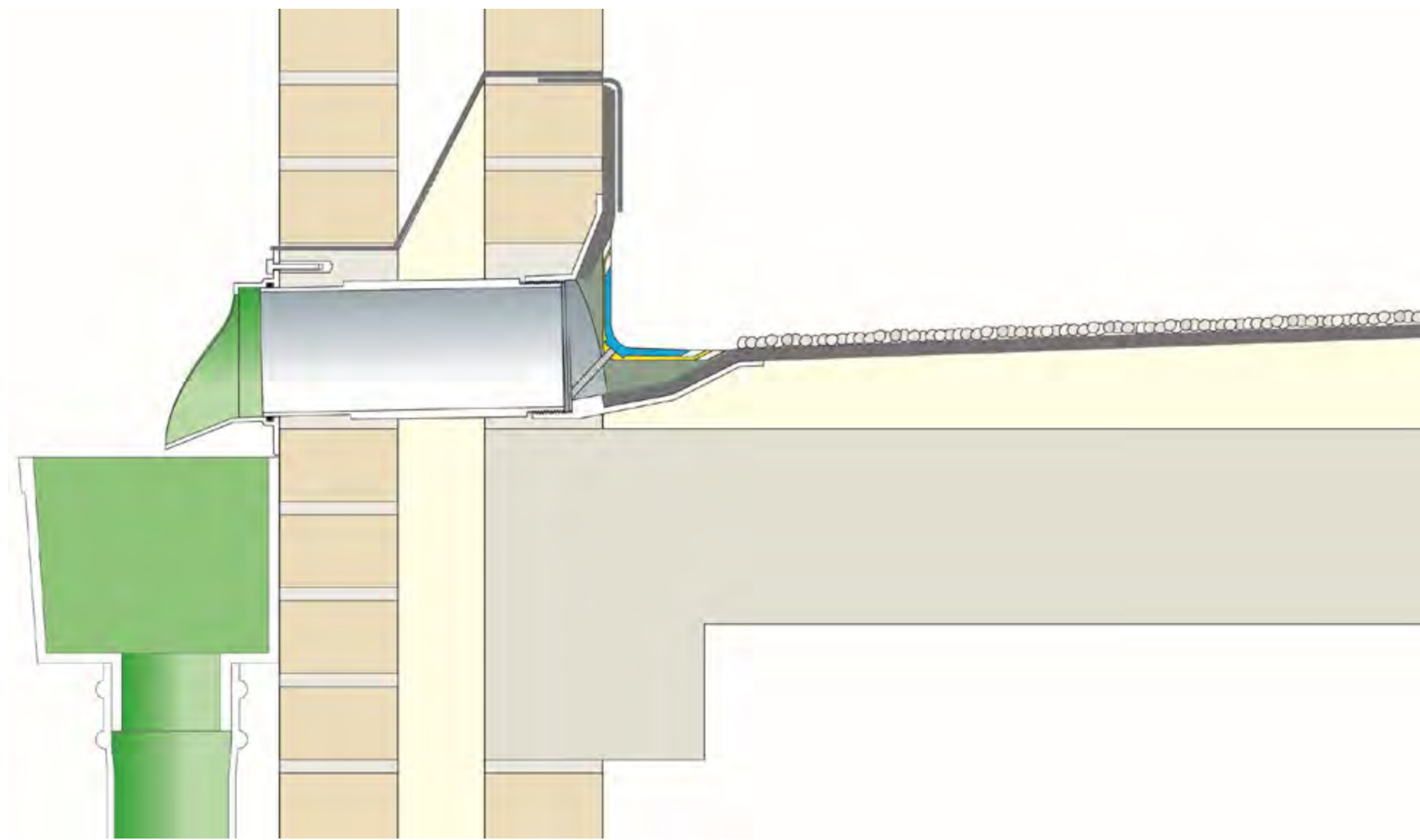
Material - Siliconised Cast Aluminium LM6

Finish

Aluminum downspouts are supplied in mill finish cast aluminium. Polyester powder coated finishes in Alumasc's standard colours are available to match external building finishes or colour coated rainwater pipes and hoppers.

Connection

For ease of installation and perfect alignment, Harmer Downspouts push-fit connect to standard 110mm diameter plain ended pipe using an "O" ring seal and mechanical fixing into masonry.



Outlet Size (mm)	Material	a (mm)	b (mm)	c (mm)	d (mm)	Weight (kg)	Product Code
100	Aluminium	180	40	146	100	0.5	ADS/4*

*Also available in polyester powder coated finish to Alumasc standard colour range or RAL.