

# HARMER

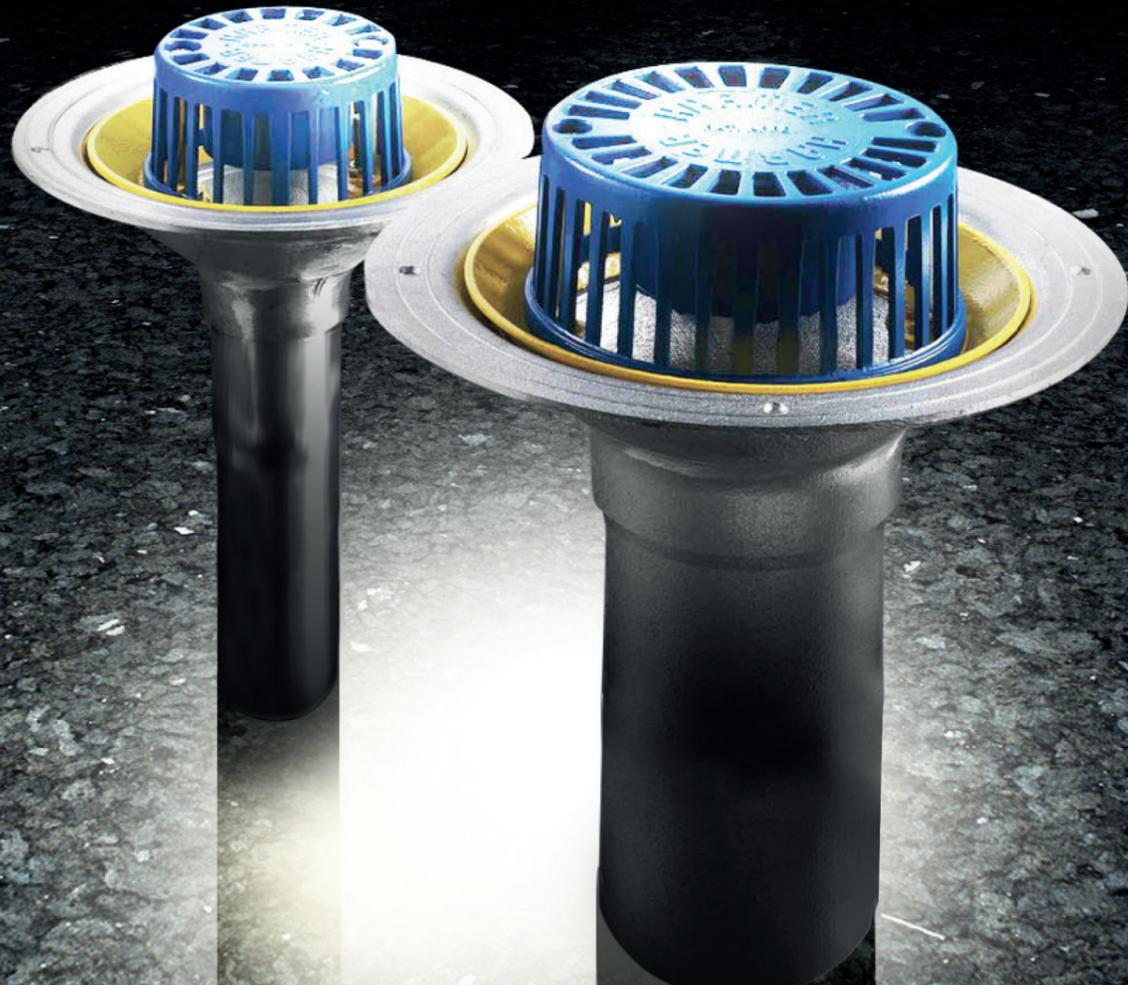
BUILDING DRAINAGE

## HARMER ALUMINIUM ROOF OUTLETS EXTENDED SPIGOT RANGE

Harmer Roof is a high-performance rainwater drainage system suitable for all types of flat roof application. The variety of drainage conditions encountered in modern refurbishment and new build work means that a standard rainwater outlet will not always be available to address a particular detailing requirement.

The Harmer AV<sup>®</sup> and Detail Aluminium Roof Outlets are now available with Extended Spigot options including for the Flushjoint Aluminium downpipe range.

Available in any length option from 200mm up to 1000mm.



## Aluminium Roof Outlets - Extended Spigot Range

### 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.

### High Flow Performance

An outlet body with a deep integral sump and extended spigot in various lengths for controlled flow of water into pipe. Domical grates for Harmer AV outlets incorporate a patented baffle to prevent water swirl 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).

