

# BAILEY RAINWATER SYSTEMS

## RAINWATER SYSTEMS THAT MEET EVERY NEED

Bailey manufactures a complete range of rainwater systems appropriate for both traditional and modern buildings.

Pressed, extruded or cast gutters are available in half-round, ogee and box shapes for direct or bracket fixing. Bailey's downpipe range includes traditional, flush fit, security and internal pipes to suit almost every project. Bailey also supplies industrial gutters including Monsoon high performance gutters with membrane lining with or without insulation.

Bailey's gutters are normally supplied as part of a combined rainwater and fascia soffit system. Gutters can be formed within the eaves profile assembly, can be hidden by a fascia or can be surface fixed on to the fascia as an external visible type.

Rainwater systems can however be supplied in isolation. Bailey manufactures both traditional and modern designs with a choice of direct or bracket fix and a variety of jointing methods.



**BAILEY**



**Multi-storey car park, Walton-on-Thames**

Like the majority of Bailey products the rainwater systems are manufactured in aluminium finished with a polyester powder coating. Bailey uses this specification because of its high strength to weight ratio, corrosion resistance and excellent appearance retention.

Potential climate change makes adequate design of rainwater systems increasingly important. Flow rates are given within the datasheets for each system plus Bailey recommends that designers refer to BS EN 12056 -3:2000 Gravity drainage systems which recommends drainage disposal design methods for roofs.

As a general rule outlets are the governing and restricting factor in most rainwater systems and the size and position of outlets in gutter runs is critical. High capacity gutters enable the number of downpipes to be reduced with possible benefits in cost and appearance.

Peak storm conditions should be allowed for at the design stage and are calculated according to geographical location and building design life. Bailey is pleased to advise on these details and comprehensive flow figures are available for all Bailey rainwater systems.

#### Further Information

There are product datasheets available for each eaves and rainwater system as well as Bailey's comprehensive technical handbook.



**Shopping village, Bournemouth**

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