Rainscreen Cladding

Rainscreen cladding is a unique method of cladding or over-cladding a building to provide weather protection for the building fabric and structure. Renowned for their ability to create a completely ‘flat’ surface, rainscreen cladding systems are increasingly used on prestigious new build projects where guaranteed long-term performance and the aesthetics of the building façade are of paramount importance.

**Product features**

- Excellent whole building lifecycle costs – durable and low maintenance system.
- Superior aesthetics – creates a perfectly ‘flat’ rigid building façade.
- Easily integrates with building elements to create a ventilated complete building façade.
- Sustainable construction solutions.
- Easily shaped and curved to create unique details.
- Fixes to most rigid wall structures.
- Thermal insulation easily incorporated.
- Wide range of standard and non-standard colours.
- Full carrier system detail and design.
- Full range of accessories.
- Available in flat, embossed and perforated cassette and flat panel formats.
- Fully integrated bullnose, column casings and perimeter detail availability.
Case Studies – Sector - Education

Soffit Canopy & Rainscreen Cladding Profile - Sussex University - Brighton

Bailey deep, horizontal soffits combined with louvred panels were installed internally as a feature of the main concourse as well as being used to create an external feature canopy. With such extensive area of soffit, specifying Bailey Cassette system was key to ensuring flat soffits without visible fixings or quilting.
Case Studies - Sector – Leisure

Rainscreen Cladding Profile - Little Venice - London

The architect required products that were eco-friendly and adaptable to enable the building to complement the immediate surroundings and be as unobtrusive as possible. Bailey rainscreen cassette cladding system was ideal for this application, providing an aluminium secret fix system that was suitably covered in a polyester powder coated finish, while being supported on a Bailey carcassing framework.
TYPICAL DETAIL

BAILEY ALUMINIUM SECTIONS FOR VERTICAL CLADDING ARE TO BE PROVIDED WITH REINFORCED ANCHORAGE DETAIL SUPPORTED BY BAILEY UPRIGHTS AND BEGINNING AT EACH SUPPORT DECAL. SEE DETAIL SOLUTION FOR MORE INFORMATION.
Large Bullnose and Canopy Profile - Carmarthen Hospital

The eaves are one of the key features of a buildings architecture, it provides the important line that heads the elevation, helping to bring together many visual elements and forming the junction between walls and roof. Significantly, the eaves are also where rainwater is channelled from the roof, as well as protecting and shading the walls, windows and doors underneath.