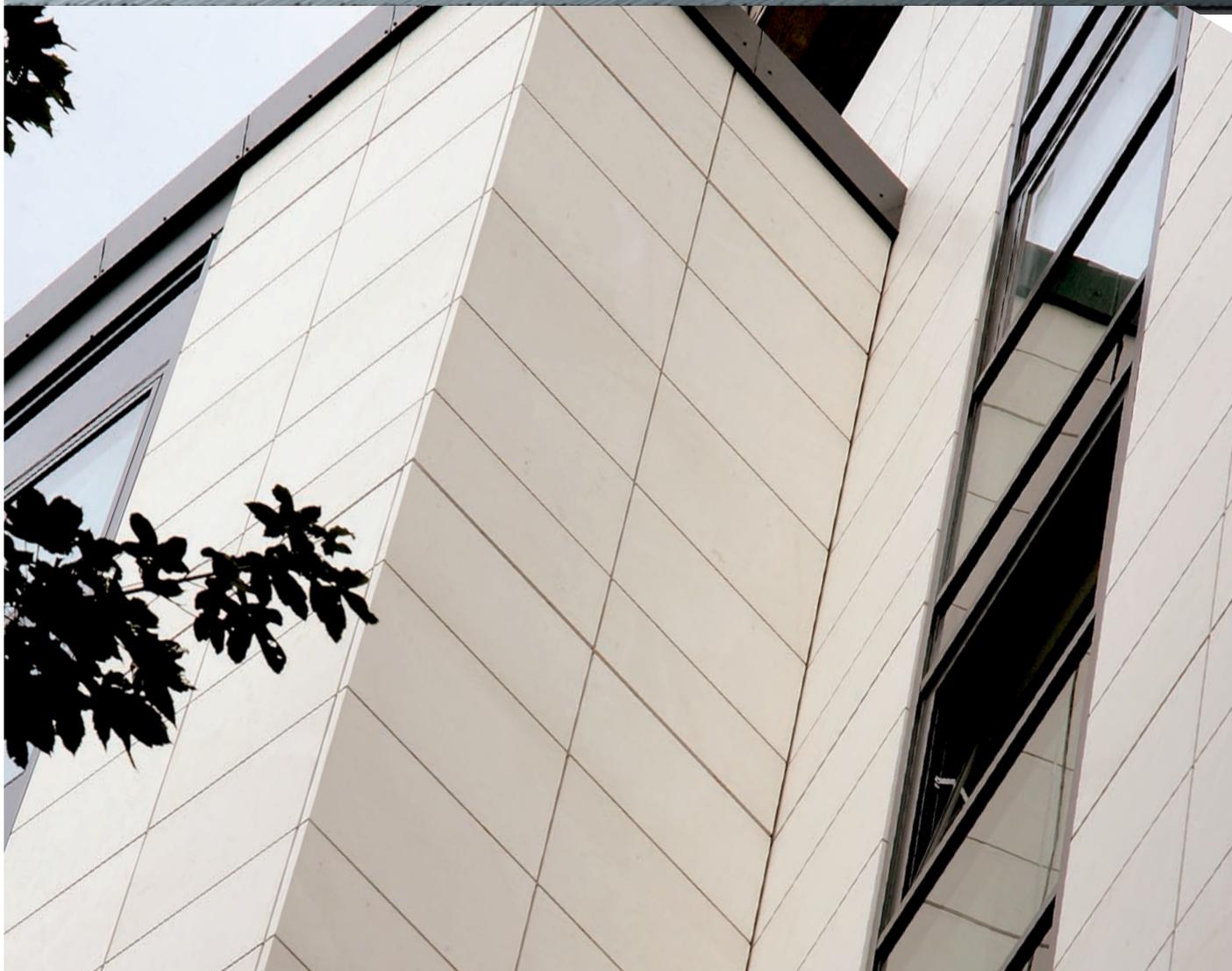
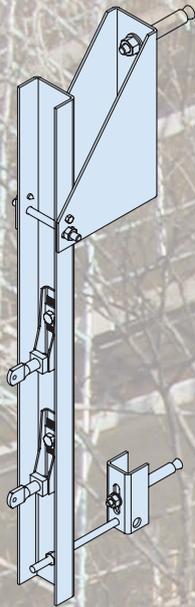


151 TOWER BRIDGE ROAD
LONDON



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without the frequent breaks to the waterproof insulation system required by conventional methods.

The UKB system is a range of standard components which can be tailored to suit specific requirements. The system comprises vertical aluminium rails hung and restrained to the structure, to which are fixed the Body Anchor support brackets.

The aluminium rails were hung from the concrete slab edge, fixed to Halfen cast in channel. As the internal leaf of the wall construction was a light weight steel stud frame faced with insulation, the vertical rails were restrained to the studs using a set screw and stainless steel self-clinching fastener installed in the stud. Halfen over-laid the UKB rail positions on the stone supplier's drawings. This enabled the rigid insulation board to be fixed to the steel studs in advance of the UKB sub frame, leaving pockets in the insulation for the rail restraints to be installed later.

The stone support brackets can be fixed almost anywhere along the rail and allow for adjustment

Client:
Sunlight Projects

Architect:
KTA Architects

Engineer:
Eastwood & Partners

Main Contractor:
R G Falla

Stone Installer:
Allard Et Fils

System Installer:
Allard Et Fils

Sunlight Projects achieved a stunning façade to their building in Tower Bridge Road, London with the aid of Halfen's UKB stone support system.

It was important to achieve a high quality of finish to the rainscreen cladding system which would comprise 40mm Limestone panels with 10mm open joints and a 130mm ventilated cavity.

The UKB aluminium sub structure system provided the solution for setting differing sizes of stone

in three axes; in and out, horizontal and vertical for final levelling. As the rainscreen cladding was open jointed, it was felt that the Body Anchors and rails may be visible through the joints. Halfen provided the rails and stone support brackets in a black finish to make them less noticeable through the open joints at low level. Halfen supplied longer dowels and plastic sleeves for the Body Anchors to comply with requirements resulting from independent tests on the stone



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