

**EXTENSIVE USE OF ALUMINIUM AND STEEL SYSTEMS FROM
SCHUECO AND SCHUECO JANSEN AT NEW SHOPPING
CENTRE IN BALBRIGGAN**

The newly completed Millfield Shopping Centre in the seaside town of Balbriggan, north of Dublin, is a stunning building whose construction makes extensive use of insulated aluminium and steel façade, window and door systems from Schueco and Schueco Jansen.

Architects A & D Wejchert & Partners, Dublin, designed the Centre to be an important focal point for a new urban precinct linking Balbriggan's existing town centre to the new peripheral development to the west. The Centre is expected to become the convenience shopping and services hub for the whole North Fingal region.

Façade System Specialists, Gunn Lennon Fabrications Ltd (GLF), were appointed to carry out the contract for the building envelope by main contractor Walls Construction Ltd. The project, worth €2.5 million, is the first major work to be undertaken by GLF employing systems from Schueco UK.

A particular feature of the building – the 1,800 sq metre area of sloped and gradually faceted roof glazing which leads to the main shopping malls – was constructed using Schueco's FW 60+ curtain walling system. Although the roof glazing is ultimately supported by a steel and timber structure, the Schueco system had to be strong enough to carry glazing with a total weight in excess of 95 tonnes.

The mall end-sections, which consist of two large-bay, glazed screens, incorporating glazed panels 3 metres wide by 2 metres high, employ a feature capping system fixed to Jansen-VISS Basic TVS V, a fully insulated, gasketed glazing, steel façade system from Schueco sister company, Schueco Jansen. In addition, Jansen-VISS Basic TVS S was used for the glazed canopy roof over the southern elevation.

Other areas of the shopping centre and entrances have been constructed using both the Schueco FW 50+ and the FW 60+ façade systems and the Centre also includes a large number of Schueco AWS 60 window systems and ADS 85 FR 30-minute fire doors. In addition, the motorised Schueco AWS 1032 system has been used for opening vents in a number of locations.

With a gross lettable area of around 17,000 sq metres in Phase 1 alone, Millfield Shopping Centre offers 30 retail units over two internal street levels, a large restaurant and café area, plus a medical centre together with health and fitness and community facilities.

For further information about the full range of façade, window and door systems available from Schueco UK Limited, go to mkinfobox@schueco.com

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