

Case Study: Loreto High School, Manchester

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Kawneer systems feature prominently on the redevelopment of Loreto High School

Glazing from Kawneer has helped give a Greater Manchester high school a new lease of life. The systems were installed at Loreto High School, Chorlton within a tight, two-phased construction programme for main contractor Bramall Construction by specialist sub-contractor Extruded Window Systems.

Building: Loreto High School

Location: Manchester

Architect: EllisWilliams

Main Contractor: Bramall Construction

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Kawneer helps give a school a sustainable facelift

Kawneer's AA®100 zone/mullion-drained curtain walling and AA®100 and AA®110 curtain walling (both structurally silicone glazed but the former with 50mm sightlines and latter with 65mm), complemented by AA®601 casement windows and 350 severe-duty commercial entrance doors, were specified by EllisWilliams Architects for the part new-build and part-refurbishment of Loreto High School in Chorlton, Manchester.

A specialist school for English and Humanities for 11 to 16-year-olds, the £10 million project is probably one of the last schools in the region to have benefitted from major Government investment through the former BSF programme and has achieved a BREEAM "Very good" rating.

The windows are fitted with high-specification solar control glazing to minimise solar gain and maximise natural light.

The first phase was the refurbishment of the existing 1960s two- and three-storey concrete-framed teaching block while students were housed in temporary accommodation. This building was overlaid with new windows and wall panels to increase its energy efficiency, reduce carbon emissions and improve conditions for its users. Colour was used in the cladding materials to provide a new vibrant image.

Phase 2 was the construction of a new three-storey extension for additional teaching spaces, a larger library and focal point for the main entrance.

Liz Mather, project architect at EllisWilliams, who have used Kawneer systems before, said: "We specified the Kawneer systems to achieve a sustainable, low-maintenance fabric. The curtain walling sits against high pressure laminate panels in some areas and existing brickwork in others but generally was used around the whole building.

"A new image has been created for students, staff and the community, in which the building now has a strong presence."



Please contact our Architectural Services Team if you have a project you would like to discuss: Tel: 01928 502604 / Email: kawneerAST@arconic.com

Kawneer UK Limited, Astmoor Road, Astmoor Industrial Estate, Runcorn, Cheshire WA7 1QQ
Tel: + 44 (0)1928 502500 Fax: + 44 (0)1928 502501

WWW.KAWNEER.CO.UK