

Case Study: Lincoln College

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Photos: Paul Grundy

Kawneer contributes to the redevelopment of a further education college

Kawneer's full height 1202 curtain walling and 1202S structural silicone glazing, incorporating a feature walkable Brise Soleil on every storey, was installed at Lincoln College in a complete overhaul and refurbishment of the principal college building, the Abbey Building and Temple Building extensions.

Building: Lincoln College

Location: Lincoln

Architect: CAD Associates

Main Contractor: Linpave Building Ltd

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Kawneer solutions in the heart of historic Lincoln

Kawneer contributed to the redevelopment of Lincoln College. Designed by CAD Associates, the structure makes extensive use of Kawneer 1202 curtain walling and 1202S structural silicone glazing, supplied and installed by Pendant Aluminium in a 42 week design and build contract in conjunction with primary contractor Linpave Building Ltd.

A major part of the development involved stripping back the 45,000ft² five-storey structure to the original concrete frame and removing the existing concrete panel façade. This was then replaced with Kawneer's full height 1202 and 1202S curtain walling, incorporating a feature walkable Brise Soleil on every storey. The design also showcases a feature entrance and atrium constructed in full height structural glazing. Kawneer's curtain walling system was specified for the development as it met with the extreme technical constraints of the project. The Abbey Building was originally constructed in the late 1950's and required a great deal of attention to detail of fixings and expert specification to give strength and durability to the old structure, which the 1202 system provided. The 1202 system offers flexibility in design, performance and ease of installation incorporating zone drainage as a design characteristic, where each glazed panel is self-drained. The 1202S system was specified as it is available as a four sided structural silicone glazed system to suit the individual project requirements and also has an opening vent option. The use of structural silicone combined with the internal aluminium frame allows for a flush exterior façade.

In addition to the external façade, the redevelopment also involved extensive internal modifications including the provision of state-of-the-art science laboratories, along with new teaching areas and a refectory and the replacement of all building services. The Temple Building, which is home to the School of Construction, was expanded significantly during the project. Olav Holm-Johansen of CAD Associates commented: "The project was quite a challenging one as we needed to work within the structural parameters of the existing building, whilst providing a brand new external identity. Kawneer's innovative products were selected for the project on the basis that their systems have a proven track record, with guaranteed performance and the ability to meet with the detailed technical specifications of the project whilst being aesthetically pleasing."

Lincoln College has recently been awarded Centre of Vocational Excellence status as part of a national initiative by the Learning and Skills Council. This will provide opportunities for capital and revenue investment in the College facilities and will help satisfy the high demand for construction training in the region.

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

