

ADVANCED LEARNING CENTRE, TAMESIDE

CASE STUDY

Sector: Education

Client: Kier Northern

System: Bespoke Curved
Vertical Cladding

PROJECT OVERVIEW.

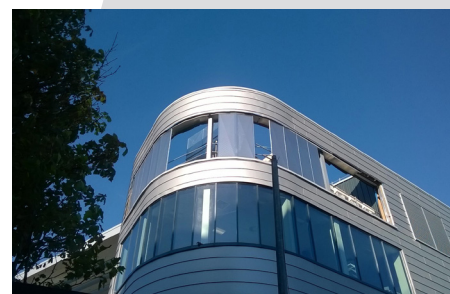
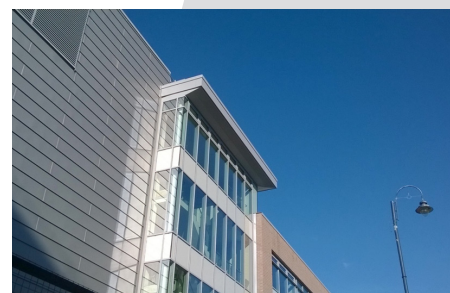
The Clarendon Sixth Form College is a £10million "Advanced Learning Centre" built by Kier Northern. Part of the VisionTameside initiative, the new campus provides a range of top class educational facilities for over 600 young people, including state of the art laboratories, media and digital art spaces, modern classrooms and social spaces.

THE SOLUTION.

On this prestigious education project, JWD manufactured and installed a highly attractive, curved vertical cladding system. The original specification called for traditional metal zinc cladding, but value engineering requirements led to the selection of the Euroclad Vieo 25/454 organic patina finish standing seam system.

JWD's Design Team also had to overcome a number of challenges to ensure that the installed system adhered to the exacting requirements of the client. This included the provision of thermally modelled U-value calculation, acoustic calculations and air-tightness tests, all backed up by a 25-year warranty. Significant skill and attention to detail was also required by the Operatives in order to create the desired effect. For example, the large areas of radius façade work needed to be expertly formed using a combination of plywood sheets, insulation, mechanical support systems, membrane and factory formed standing seam panels.

Elsewhere on this project, JWD manufactured and installed a number of eye-catching aluminium system components, including high level parapet capping detail, secret fix fascia & soffit details, perforated plant screening, cappings and box louvre detailing.



“ JWD had to overcome a number of challenges to meet the needs of the client and the large areas of radius façade work needed to be expertly formed using a combination of materials. ”



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