



Burnley College

Education in Lancashire has benefited from a significant makeover following major investment led by Burnley College and the University of Central Lancashire. Some £81 million has been injected into the development of a new iconic campus for Burnley's growing student population.

Situated on a 10 acre site along the edge of the town centre the new building is set to become an impressive landmark dominating the skyline on the key gateway to the town. The impressive structure has utilised a number of different building materials and innovative technologies to provide the optimum creative environment for the 1000 students set to pass through its doors in 2009/2010.

Cleverly incorporated into the ambitious design, alongside various elements of glass and rainscreen is Eurobond's **Europanel** System in Corus Colorcoat Prisma Metallic Sliver and Grey Aluminium. Increasingly specified for use within educational buildings, **Europanel** provides a simple and effective solution for contractors whilst encompassing a range of 'built in' features that will provide additional benefits throughout the duration of the buildings life.

Designed to provide an aesthetically pleasing external finish thanks to the secret fix joint detail, **Europanel** is the perfect architecturally flat composite wall panel solution to be expertly integrated with glazing and louvre components. Modular flexibility in 5mm increments between 300mm & 1500mm provides greater design flexibility for architectural expression enabling the blend of various building elements within this ambitious project.

Panel spans in excess of 6 metres can be easily installed to create a weather tight building thanks to the patented development of Eurobond Panel Lifting Clamp. Simplifying the installation process of the **Europanel** system helps to ensure a thermally efficient building envelope is erected swiftly, all Eurobond products have been engineered to fulfil the energy performance and air leakage requirements demanded of modern building envelopes. Relevant panel construction details have been thermally modelled using the BRE approved finite element software package TRISCO.

Innovative design and sustainable elements have created a state-of-the-art learning facility, which includes a 100 seat lecture theatre and Technical Innovation Centre, along with an on site Design and Innovation academy for students studying engineering and a state of the art fitness suite and sports facilities. The new Burnley campus was built by Shepherd Construction, who completed the work on time for the start of the September 2009 term. Students will benefit from break out rooms and a larger performance area for exhibitions and shows. Europanel's stone wool core provides exceptional sound reduction helping to minimise distraction from external noise.

Client: Greggs Bakery
Architect: Cox Freeman Partnership
Panel Contractor: Hemsec Installa-



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