



Boldon School

Architects Waring and Netts have specified Eurobond Europanel composite panels in blue and white to provide an attractive finish and inherent fire protection to Boldon's new school. The Europanel composite panel system has provided the school with excellent acoustic installation and greater thermal performance thanks to superb properties of the panels stone wool insulating core.

Boldon school is a new PFI secondary school in the Newcastle area comprising three linked blocks. The 1050 pupil school is designed to reflect new teaching practices with five main areas and linked open planning spaces with lengthy corridors eliminated.

In an unusual development, an additional £3 million was made available to fund a fully equipped 220 seat theatre and community swimming pool, with adjacent badminton courts, sports hall and fitness centre.

Technician Russell Nolan was instrumental in selecting Eurobond panels for the school's cladding. "We had to take into account the insurance implications and maximize loss prevention within the construction. This meant adhering to such standards and regulations as BB100: Design guidance for schools and colleges, and specifying LPS 1181 Grade A panels. We could have utilised a similar panel system from another manufacturer, however the alternative system would have had to be flashed internally and stitched to achieve the fire performance requirements we were looking for. This would have increased costs and time. With Europanel we were able to reduce build time encouraging early commencement of internal works thanks it's simple interlocking joints and patented panel lifting clamp, suitable for horizontal installation of composite panels."

Boldon schools cladding comprises of 900 module LPS 1181 Grade A panels, 125mm thick and fixed to vertical studwork, the panels have been coated in HPS200® Corus Colorcoat in white and Sargasso.



Client: Boldon School
Architect: Waring and Netts
Contractor: Gleeson
Panel Contractor: MDK Roofing



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