

Beechwood School Slough

Sector: Education
New Build



Client:
Wates

Building Type:
New Build Secondary School

Project Size:
1500m²

Product:
External Wall Insulation &
Render

Background:

Completed in 2007, Beechwood School was part of a £44 million, grouped PFI project which involved three schools, community facilities and a residential unit for autistic children.

The school was designed in partnership between Wates, the school and Slough Borough Council and is an 11,700m² new build replacement school on the existing site, providing accommodation for 750 pupils between the ages of 11 and 16 plus 150 Post 16 places.

Solution:

The building was predominantly of masonry/concrete construction, with some areas of steel frame and cement particle sheathing board. Structherm worked closely with the Wates design team to develop the interface details.

Both masonry/concrete and steel framed sections were insulated with 200mm mineral fibre insulation and required a durable and maintenance free finish to be applied.

Structherm's NSC 2 offered a range of benefits, including a wide choice of finishes, high thermal efficiency and an extremely high degree of impact resistance - all key elements for this type of build.

Results:

The eye catching multi coloured finish was achieved with Structherm's acrylic Flesscoat Cortina TH Plus Medium product which gave the client a wide variety of coloured and textured finishes to choose from. The system selected achieved a U-value of 0.17W/m²K and excellent air tightness.



Far Left: Insulation being installed
Left & Below: Completed project

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