



SIKA AT WORK

WOODLANDS ACADEMY, SCARBOROUGH

ROOFING: Decothane Ultra, Decotherm, Decostik, S-Vap 5000, Decotrim and Decolights





FUNDING SECURED TO REFURBISH WOODLANDS ACADEMY IN SCARBOROUGH

BACKGROUND

Woodlands Academy is a special educational needs (SEN) school in Scarborough for pupils aged 2-16.

A two storey building on campus had previously been refurbished using Sika Liquid Plastics' Decothane Ultra 25-year cold-applied liquid roofing system. With an additional four buildings on site in need of roof refurbishment as the existing roof surfaces reached the end of their service life, the school worked with Sika Liquid Plastics' and building surveyor partner, Make Consulting, to secure government funding for a new roof refurbishment project.

REQUIREMENT

The roofs of two classroom blocks, the kitchen and the hall on the campus had reached the end of their service life with the existing felt surface leaking in several places.

While some of the works could be carried out during the summer holiday period, there was a need to complete the project during term time. Working in a live school environment always involves specific health and safety and safeguarding challenges. Consequently it was vital to avoid the use of hot works and heavy equipment during the project to minimise health and safety risk and noise, the use of virtually-odourless Decothane Ultra avoided any nuisance odours on site.

SIKA LIQUID PLASTICS SOLUTION

Following a site audit and roof condition survey carried out as part of the funding bid process, Sika Liquid Plastics' Area Technical Manager developed a full technical specification and Quality Assured (QA) contractor, Surface Protection Coatings Ltd, was appointed to carry out the project.

The Surface Protection Coatings team prepared the roof surface and carried out spot repairs before undertaking the roof refurbishment as an overlay.

The buildings were brought up to current building regulations standards with 130mm Decotherm insulation board, adhered to the existing roof surface using Decostik adhesive. The Decotherm was also used to create new gutters to reduce the risk of ponding water on the new roof surface.

On the classroom block and kitchen roofs more than 50 roof lights were replaced using the existing apertures and custom-fabricated Decolight triple-glazed fittings.

Comments Martin Eyre, commercial director at Surface Protection Coatings: "The school had been so pleased with the Decothane system on their previous roof refurbishment that they were keen to use the same system again on these four buildings.

Watch the full transformation video

[CLICK HERE TO WATCH](#)

PROJECT PARTICIPANTS

Bid value: £350,000

Contractor: Surface Protection Coatings

Roofing Client: Woodlands Academy

Size: 2,500m²

Products: Decothane Ultra, Decotherm, Decostik

S-Vap 5000, Decotrim and Decolights

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