



SIKA AT WORK

ST EDMUND'S ACADEMY, KING'S LYNN, NORFOLK

ROOFING: Decothane Ultra, Decotherm, Decostik, Decolights, S-VAP5000 and Decotrim

BEFORE



DECOTHANE ULTRA CONTRIBUTES TO BETTER FUTURES FOR ALL AT ST EDMUNDS

BACKGROUND

St Edmund's Academy in King's Lynn, Norfolk, is a primary school and part of the Ad Meliora Multi-academy Trust. The school's motto of 'Better Futures for All' includes a focus on ensuring its school buildings provide an excellent learning environment across all of the eight buildings on campus.

The school's existing felt roof build up had come to the end of its service life, resulting in leaks and ponding water in a number of locations. As a result, the school worked with specialist building surveyor, Make Consulting, and Sika Liquid Plastics' to secure a Government funding grant to refurbish all eight roofs.

REQUIREMENT

The project required roof refurbishment of eight roof areas totalling 2,500m², including six single storey buildings and a couple of two-story blocks. On all eight buildings there was a need to bring the structures' thermal performance into line with current building regulations with the installation of new insulation. On seven of them, there was a need to improve drainage using a tapered insulation installation to create falls to the flat roofs.

As the significant programme of works needed to be delivered during term time, a cold-applied liquid system was required to maintain high standards of health and safety in the live school environment by avoiding the use of hot works or heavy equipment. It was also necessary to avoid unnecessary disruption by utilising a virtually-odourless system and Sika Liquid Plastics' Decothane Ultra provided the ideal solution in response to all these criteria.

The school also wanted to introduce more light into the main school building, requiring the installation of six new DecoLight roof lights into an area of roof where a previous pavement light had historically be over-boarded and covered with felt.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



SIKA LIQUID PLASTICS

Sika House,
Miller St,
Preston,
PR1 1EA
United Kingdom

Contact

Phone +44 1772 259781
Fax +44 1772 255670
E-Mail liquidplastics@uk.sika.com
www.liquidplastics.co.uk
@LiquidPlastics

SIKA LIQUID PLASTICS SOLUTION

A Sika Liquid Plastics' Area Technical Manager carried out a full condition survey on the roofs to develop a full technical specification and provide the evidence base for the funding bid.

With funding secured, Sika Liquid Plastics Quality Approved (QA) contractor, Cambridge Flat Roofing was contracted to carry out the roof refurbishment.

Just one of the eight buildings – a two-storey classroom block – had to be stripped back to the concrete substrate due to the level of damage to the existing roof covering and insulation.

The Cambridge Flat Roofing Team adhered the Decotherm tapered insulation to the prepared roof surface, followed by two coats of Decothane Ultra, which was also taken up and over the parapet walls on each building and finished with Decotrim.

For the main school building, the redundant pavement light was cut out of the roof and replaced with six custom-specified Decolights.

Lisa Cook, CEO of the Ad Meliora Multi-academy Trust commented: "I'm really pleased by the completed roof refurbishment and for the first time in 10 years I have peace of mind that our roof is secure and safe.

"I'm also really pleased that I have a single point of contact so if I have any concerns, I know who to go to. I've found the whole service incredibly easy and so much so that we're now undertaking two further bids with two more academies within our trust."

Watch the full transformation video

[CLICK HERE TO WATCH](#)

PROJECT PARTICIPANTS

Bid Value: £950,000

Contractor: Cambridge Flat Roofing

Roofing Client: St Edmunds Academy

Size: 2,500m²

