



SIKA AT WORK

BT DEPOT, NORTHALLERTON

ROOFING: Sikalastic 625, Sika Cement Porous Primer, Sika Flexibond, Sika 100g woven mesh



SIKALASTIC 625 RINGS THE CHANGES AT BT DEPOT

BACKGROUND

BT's depot in Northallerton is a stock storage facility for the items that the company delivers to customers, including modems and telephones. The building is in 24-hour operation with constant staff occupation and vehicles collecting and delivering items 24/7.

The 24,000m² roof had an asbestos covering that had undergone several patch repairs over the years but the asbestos covering had reached the end of its service life and there was water ingress in numerous locations.

REQUIREMENT

Initially a roof refurbishment was mooted for a small area but this was later revised to a requirement for a four-phase programme for the whole roof over three years. Some of the damage to the roof substrate had been caused by gulls fowling the roof area so it was vital to select a system that could be used to safely and effectively encapsulate the asbestos while providing protection against future damage from the gulls.

Sika Liquid Plastics' Sikalastic 625 provided the ideal solution, enabling cold-applied encapsulation while offering protection from acidic contaminants. The use of a cold-applied liquid system also ensured that there were no risks associated with the use of hot works.

SIKA LIQUID PLASTICS SOLUTION

Sika Liquid Plastics' Quality Assured (QA) contractor, Acclaim Contracts Ltd, worked collaboratively with the building surveyor and Sika Liquid Plastics' Area Technical Manager to develop the specification, based on a site audit and condition survey.

A specialist asbestos cleaning company was brought in to clean the asbestos sheets and remove any loose particles. The Acclaim Contracts team then applied Sika Liquid Plastics' Cement Porous Primer to the roof area involved in each phase to fully seal the asbestos substrate. The installation team then used Sika Flexibond to treat all the mechanical fixings and cracks on the roof before applying Sika Liquid Plastics' 100g woven mesh to treat cracks and details.

When the Sikalastic 625 system had cured, the installation team laid GRP maintenance walkways onto the new roof surface and installed new access ladders.

Peter Lathangue, managing director of Acclaim Contracts comments: "Removal of the asbestos would not only have been costly but would have caused significant business interruption so it was vital to use a system that could safely and permanently encapsulate the asbestos.

"Sika Liquid Plastics was able to specify a complete system, including the Sikalastic 625, which is guaranteed for a 15 year service life and will resist damage from the gulls that routinely fowl the roof."

PROJECT PARTICIPANTS

Roofing Contractor: Acclaim Contracts Ltd

Roofing Client: BT

Size: 24,000m²

Products: Sikalastic 625, Sika Cement Porous Primer, Sika Flexibond, Sika 100g woven mesh

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 1 772 259781
Fax +44 1 772 255670
E-Mail liquidplastics@uk.sika.com
www.liquidplastics.co.uk
@LiquidPlastics

