



SIKA AT WORK

YORK NHS TRUST HEADQUARTERS

ROOFING: Sika Liquid Plastics Decothane Ultra

NO DISRUPTION TO STAFF OR VITAL SERVICES WITH DECOTHANE ULTRA

REQUIREMENT

It was discovered that the original rock asphalt roof and balcony of the York NHS Trust headquarters were in a very poor condition and in desperate need of repair. Located just next door to Scarborough Hospital, the office building would have to be in constant use during the refurbishment, due to the vital nature of the services its staff provide. This presented a challenge for Sunderland-based roofing contractor, Group Tegula, working alongside the Sika Liquid Plastics refurbishment team.

An initial survey by Sika Liquid Plastics assessed the condition of the failing roof, which was allowing water ingress and damaging the building below. The project was then taken forward to the specification stage, where it was decided that the sensitive nature of the hospital site, combined with working on a roof and balcony of an occupied building, required the use of a waterproofing product that would cause as little disturbance as possible.

It was essential that the product chosen would enable fast installation without the risks associated with hot works. Not only were speed and safety key – a low odour solution was required so as not to disrupt those working in the offices.



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SIKA LIQUID PLASTICS SOLUTION

In order to meet these vital requirements, Decothane Ultra, Sika Liquid Plastics' low odour liquid applied roofing membrane, was specified for the refurbishment. Decothane Ultra uses patented technology, which has been developed specifically for use in highly sensitive areas, such as hospitals, food manufacturing plants and schools. Odournet, a team of independent consultants that develops, manages and delivers top level expertise on sensory analysis techniques, found Decothane Ultra to be much lower odour when benchmarked against other single pack polyurethanes available in the market.

In addition, as the product is cold applied, it requires no heat or naked flame during application, a must for populated areas where health and safety is paramount.

The roof of the headquarters included parapet detailing, plant and a plant room. Group Tegula, a Sika Liquid Plastics Quality Assured Contractor, was able to quickly install the liquid membrane over the top of the existing roof covering, even around the more difficult areas. This was thanks to the liquid application and unique formulation of Decothane Ultra, which allowed the use of Glass Fibre Matting around plant details.

Group Tegula commented that the product was fast and easy to use, as well as being rapidly rain resistant, meaning the roofing was free from rain damage immediately after application. Furthermore, the contractor noted that any odour from the product quickly disappeared and didn't cause any issues with the staff using the building.

Group Tegula also installed a Sika Liquid Plastics Versirail on the roof from Latchways, the edge protection system specialists, to ensure any subsequent inspection or maintenance on the roof could be conducted safely by staff or contractors.



BEFORE



BEFORE



AFTER

YORK NHS TRUST HEADQUARTERS



THE ROOF OF THE HEADQUARTERS INCLUDED PARAPET DETAILING, PLANT AND A PLANT ROOM. GROUP TEGULA, A SIKA LIQUID PLASTICS QUALITY ASSURED CONTRACTOR, WAS ABLE TO QUICKLY INSTALL THE LIQUID MEMBRANE OVER THE TOP OF THE EXISTING ROOF COVERING, EVEN AROUND THE MORE DIFFICULT AREAS.

To make sure that the project caused as little disruption to staff as possible, the team liaised closely with the hospital's Buildings Manager. Work was scheduled for weekends and evenings when possible, and had to be undertaken with speed, precision and minimum noise.

Alongside the roof refurbishment, the communal balcony area, accessible via French doors from the office, needed to be waterproofed. As it would be used daily by staff for breaks and meetings, it was important that it looked aesthetically pleasing. As Decothane Ultra is liquid applied, it allowed for a seamless and attractive finish, which was well received by the client and staff alike. Group Tegula also installed a bespoke handrail around the edge of the balcony to finish the job.

Sika Liquid Plastics delivered application support throughout the project, and provided the project with a 20 year guarantee. This single point guarantee covers the entire roofing system from the deck upwards, giving the client peace of mind for years to come.

PROJECT PARTICIPANTS

Product: Sika Liquid Plastics Decothane Ultra

Contractor: Group Tegula

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