

Sika at Work

Roofing

Wessex & Nuffield Hospital

Roofing: Decaflex 10 Built-up Roof System





Project Requirement

Through a network of over 200 facilities across the nation including gyms and the evolution of Nuffield hospitals and Proactive Health, Nuffield Health has been formed, offering a wider range of health services than anyone else in the UK. One of the Nuffield hospitals is in Wessex, located between Southampton and Winchester. The hospital offers a comprehensive range of treatments and procedures complimented by the most up-to-date medical equipment.

Wessex hospital has been through internal refurbishment, and included in the scope of this work, was the roof on the hospital's main building. The existing 900m² asphalt roof had begun to break down, and the usual signs of deterioration were evident, including cracking, blistering and sagging parts of the original substrate. The roof area was split over various levels and there was a high level of penetrations, plant and detailing work to be considered. In addition access to the roof was restricted due to on-going operations at the site, and due to costs re-asphalting the roof was ruled out in the early stages whilst more flexible roofing solutions were considered.

Sika Liquid Plastics Solution

Sika Liquid Plastics Decaflex 10 was specified by the client. The primary reason for this specification lay with the clients trust in a company that has been waterproofing roofs for over 50 years. This trust was reinforced through the system's robust 10 year single point guarantee, which not only covered workmanship and materials, but also the existing substrate.

In addition, the client felt secure in the knowledge that at the end of their guarantee period, the surface can be cleaned and primed, and further coatings could be applied to extend the life of the roof and its guarantee, for an additional 15 years, proving to be a healthy financial investment over the roof's life time.

Other benefits of Decaflex 10 also contributed to the success of the roof's installation. The system is cold applied, so fire hazards were removed from the operation which in turn provided a low maintenance operation that caused minimal disruption to standard working practice.

The fast curing nature of the product and its ability to rapidly become resistant to rain damage also meant minimising any disruption, whilst the easy and quick application of Decaflex 10 meant that the installation of the new roofing system would be quick and efficient.

The performance of Decaflex 10 also gave the client piece of mind, as the system is highly elastomeric allowing for greater thermal movement and also has excellent thermal and UV stability.

Project Participants

Client: English Heritage

Contractor: Heartfelt Roofing

Location: Eastleigh



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