



# SIKA AT WORK

## ROYAL HALLAMSHIRE HOSPITAL, SHEFFIELD

ROOFING: Sika Liquid Plastics Decothane Omega 15

# ROYAL HALLAMSHIRE HOSPITAL, SHEFFIELD



## PROJECT REQUIREMENTS

The original asphalt waterproofing laid on the roof of this hospital many years ago was starting to show signs of distress, and the constant ingress of water as a result was becoming a major concern. With the roof being 20 storeys up, having no external access available, being covered with tones of solar reflective chippings, and littered with plant and telecommunications equipment, it's clear the Estates Department had to think long and hard before specifying a new waterproofing system.

## SIKA LIQUID PLASTICS SOLUTION

A cold applied liquid membrane system - Decothane - from Liquid Plastics was specified and applied by the QA Contractors Surface Protection. Firstly all the solar reflective chippings were removed by hand and taken down the 20 storeys to skips situated at the back of the hospital. A full preparation of all surfaces was then carried out using a high-pressure water jetting system. The intricate roof area including all the upstands and underneath large items of plant was then treated with Decothane, which cured to form a totally seamless membrane.

As Decothane can be applied fluidly, it is easier to lay across awkward roof details than a traditional sheet system such as felt. Its other major advantage is that it is completely cold applied, thus eliminating the need for heat or flame, and once installed it has the highest fire ratings available. The completed system is also guaranteed to last for at least 15 years before first maintenance is required.

## PROJECT PARTICIPANTS

**Product: Sika Liquid Plastics Decothane Omega 15**

**Size: 700m<sup>2</sup>**

**Client: Royal Hallamshire Hospital**

**Contractor: Surface Protection Coatings Ltd.**

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



FM 12504



EMS 45308



OHS 585274



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