

# Sika at work



## Roofing

### Case Study at Liddall House, Middlesex

Application Field: **Cold Fusion Bonded Built-Up Roof System and Decolights**



# Before



## Project Requirement

This building is currently used as an office block for local authority staff. The existing roof was in a very poor condition and did not meet Part L regulations. A new waterproofing system was required, as well as an insulation upgrade and replacement rooflights.

## Sika Liquid Plastics Solution

Cold Fusion Bonded Built-Up Roof System from Sika Liquid Plastics was specified for the project. The full system consists of a Vapour Control Layer, Decotherm insulation, a Carrier Membrane, and a Decothane Delta 25 waterproof 'cap sheet'. Each component within the system is adhered using Decostik – Liquid Plastics' revolutionary cold fusion adhesive. 16 new Decolight rooflights were also installed.

Sika Liquid Plastics' BUR system is completely cold applied, thus removing the need for any heat or naked flame on the roof. Furthermore, once installed it is guaranteed to last for at least 25 years, a single point guarantee could be issued covering both materials and labour, and the installation of a BUR system has helped the building meet current U-Value requirements. The Decothane membrane is also completely seamless and can be easily applied around any detail areas to provide full encapsulation.

## Project Participants

Size: 500m<sup>2</sup>

Contractor: Mitie Tilley

Client: Kennington's Surveyors



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