

Sika at work



Roofing

Case Study at Tomlinscote School and Sixth Form, Frimley

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



Before



Project Requirement

The original waterproofing on the roof of Tomlinscote School was in very poor condition and had deteriorated to the extent where water ingress was occurring. Extensive repairs had been carried out, however this had not resolved the defects.

A contractor was required that could install a new waterproofing system within the six weeks school holidays.

Sika Liquid Plastics Solution

A Cold Fusion Bonded Built-Up Roofing System from Sika Liquid Plastics was specified, which consists of a Vapour Control Layer, Decotherm insulation, and a Carrier Membrane – all fully adhered with Decostik® cold fusion adhesive. The system was completed with a Decothane Gamma 20 waterproof 'cap sheet'.

The Breyer Group originally anticipated a 14 week programme for the project but managed to complete the works within six weeks, in time for the return of 7,500 pupils. Sika Liquid Plastics' Cold Fusion Bonded Built-Up Roofing System is completely cold applied and helped the contractors quickly complete the job with its speed and ease of application. Once installed it is guaranteed to remain waterproof for at least 20 years before first maintenance is required.

Project Participants

Size: 2000m²

Contractor: The Breyer Group

Client: Baker Consulting Services



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