



SIKA AT WORK

BLACKHEATH BLUECOAT SCHOOL, LONDON

ROOFING: Sika Liquid Plastics Decothane Delta 25 Built-Up Roof System

BLACKHEATH BLUECOAT SCHOOL, LONDON



PROJECT DESCRIPTION

Blackheath Bluecoat School is a Catholic school for pupils aged from 11-18 years old. The school consists of a number of buildings around the site and since its development, further improvements to the roof have been needed. The roof is mainly covered in asphalt, however, newer parts of the roof consist of a felt substrate.

PROJECT REQUIREMENTS

Some of the felt and asphalt roofs were failing, thus allowing water to penetrate into the buildings, this was causing damage to the interior walls and decor. The client was keen to follow a flame free, heat free roofing application on this project for the safety of staff, pupils and the contractors on site.

SIKA LIQUID PLASTICS SOLUTION

The solution was to use Sika Liquid Plastics' Decothane Delta 25 Built-Up Roof System; this would allow the buildings to remain open whilst application commenced. The system contains a vapour control layer, Decotherm® insulation and a carrier membrane, all fully adhered using Decostik® Cold Fusion Adhesive. A seamless Decothane waterproofing 'cap sheet' is then applied. The colour chosen was Pearl Grey, however other colours are available.

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Sika Liquid Plastics' cold applied system eliminates the need for any heat or naked flame allowing work to be carried out during term time, without causing risk to the staff or pupils in the building below. Forming part of Decothane's roof waterproofing systems range, Decothane Delta 25 uses atmospheric moisture to trigger the curing process, unlike conventional polyurethane systems. This system is guaranteed last 25 years, as certified by the BBA.

PROJECT PARTICIPANTS

Product: Sika Liquid Plastics Decothane Delta 25 Built-Up Roof System

Size: 400m²

Client: Blackheath Bluecoat School, London

Contractor: Bennett Burrows Ltd



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