



SIKA AT WORK

QUEEN ELIZABETH HOSPITAL, EDGBASTON

ROOFING: Sika Liquid Plastics Decothane Beta 10

QUEEN ELIZABETH HOSPITAL, EDGBASTON



PROJECT REQUIREMENTS

Queen Elizabeth Hospital serves the community of Edgbaston, Birmingham and its immediate community.

The dishwasher area of the hospital required a full refurbishment as the existing felt roof was causing problems through leaking in three separate areas. Consequently the client required a protective system for roofs and, following the successful application of a Sterisept hygienic system which had been used for internal application to the hospital, a Sika Liquid Plastics coating was specified.

SIKA LIQUID PLASTICS SOLUTION

Decothane Beta 10 – a seamless, liquid applied, highly durable, rapid curing roofing system – was specified to be applied to the damaged roof area. Using atmospheric moisture to trigger the curing process, and unlike conventional polyurethane coatings, this system can cure under ponded water without gassing or foaming and similarly it then rapidly becomes resistant to rain damage and therefore may be applied in relatively poor weather conditions without any subsequent loss of performance or durability.

This system is guaranteed to last a minimum of 10 years before first maintenance is required and it is suitable for the weatherproofing of both flat and pitched roofs and is compatible with most roof substrates. Using the Beta 10 system the entire roof area is treated with an initial coat of Decothane EC, an embedment coat which enables rapid “wetting out” of the reinforcement matting, thereby making it easy to mould around upstands and other detail. Following the application of Decothane EC a glass fibre reinforcement system, Reemat Standard GFM is laid and embedded using rolling techniques. Once dry, a top coat, of Decothane SP, a tough, UV stable top coat is then applied and allowed to cure.

PROJECT PARTICIPANTS

Size: 550m²

Product: Sika Liquid Plastics Decothane Beta 10

Client: Queen Elizabeth Hospital

Contractor: Caprotech

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

SIKA LIMITED

Sika Liquid Plastics
Sika House,
Miller St,
Preston, PR1 1EA

Contact

Phone +44 1772 259781
Fax +44 1772 255670
E-Mail liquidplastics@uk.sika.com
www.liquidplastics.co.uk

