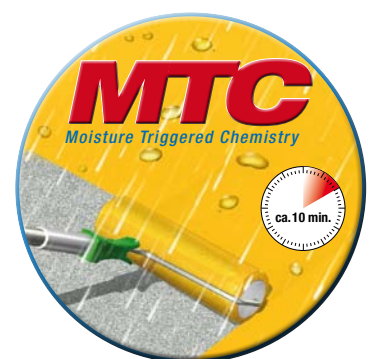


Sika at Work

Ballasted Roof Central Middlesex Hospital Park Royal, London, England

SikaRoof® MTC Ballast





Project Description

The Private Finance Initiative (PFI) was introduced in 1993 by the Conservatives, the aim of which was to encourage private investment in major public buildings. Since PFI began, 27 new acute hospitals have been completed and 41 are due to open by 2013. One of these is Central Middlesex Hospital.

Project Requirements

Building of Central Middlesex Hospital began in mid 2004 for completion in early 2006. The huge building required an inverted roof system that performed to the criteria requested by both the PFI contractor and the client, gave all the relevant guarantees and was still cost effective. The total project covers 14,000m² roof space.

Sika Solution

SikaRoof® MTC Ballast was specified. This consists of **Sikalastic® 602 BR** (Decothane Root Resistant Base Coat), fully reinforced with **Reemat Premium**, and completed with **Sikalastic® 622 TR** (Decothane Root Resistant Top Coat), 120mm insulation and a **Sikalastic® Filtration Layer**. The system can then be overlaid with pavers to create durable walkways.

The Benefits

As the **SikaRoof® MTC Ballast** system is completely cold applied, this eliminates the risk of fire normally associated with traditional roof applications. Furthermore, because the waterproof layer is completely seamless it is free from potentially weak areas such as joints where early failure can occur. This is particularly important in inverted roof situations where the waterproof layer is below the surface and not easily reachable should problems occur.

Project Participants

Client: Bouygues/Brent Hospital Trust

Contractor: 5m (UK) Ltd.

Sika Organisation: Liquid Plastics Limited, England

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