

Targeting problems with the best solutions

Established 1980

WATERPROOFING EXISTING BUILDING - ST PANCRAS STATION Case Study: 008

THE PROBLEM

Protectahome are proud to be associated with the £800m regeneration of St Pancras International Station, opened by Her Majesty the Queen. The new Channel Tunnel rail terminal for Eurostar saw the launch of Britain's first high speed railway 'High Speed 1'.



Extensive work, particularly to the glass roof of the Barlow Shed completed the first phase of redevelopment. The front of the station was opened as a five star hotel and spa.



Waterproofing design specialists, Protectahome, were asked to provide a waterproofing solution to the ticket and service areas of the earth retaining structure at platform level.



As a historic building, the contract administrators were keen to ensure that the waterproofing was sympathetic to the existing structure and that it was a reversible process.

THE SOLUTION

Working closely with the project design team, Protectahome designed and installed a Type C drained protection waterproofing system.

The walls and floors were lined using a combination of 8mm and 3mm stud Cavity Drain Membranes linked to a perimeter drainage channel.

Protectahome's long term guarantee applied to the installation and the design was covered by our Professional Indemnity Insurance Policy.



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