



PROTECTAHOME LTD WATERPROOFING SOLUTIONS

Targeting problems with the best solutions

Established 1980

Case Study 008:

WATERPROOFING EXISTING BUILDING - ST PANCRAS STATION, LONDON

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 sees the launch of Britain's first high speed railway "High Speed 1".

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

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

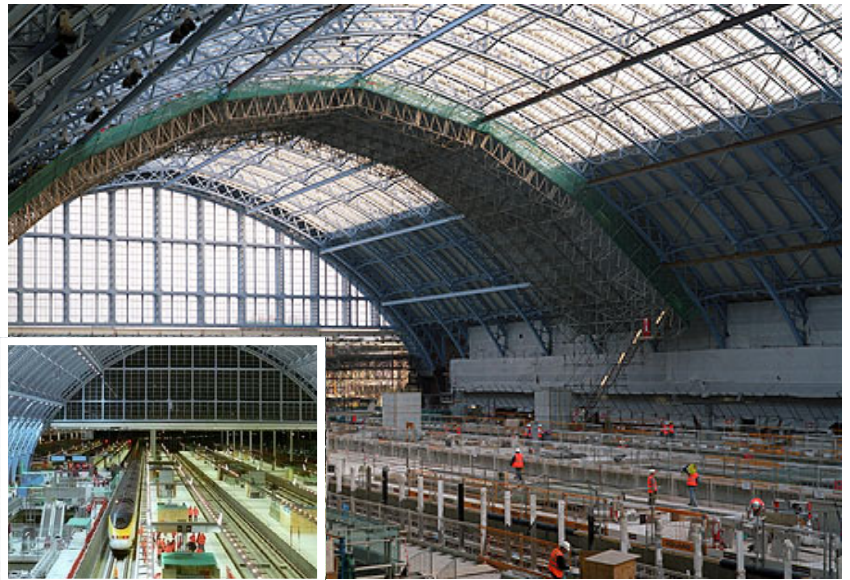
As a historic building, the contract administrators we keen to ensure that the waterproofing was sympathetic to the existing structure and that is a reversible process.

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 applies to the installation and the design is covered by our Professional Indemnity Insurance Policy.



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