



Channel Tunnel

Eurobond supplied over 12,000 sqm of Rockspan Extra composite panel for the construction of the new Temple Mills train depot, a key part of the Channel Tunnel rail Link at Stratford. The 28,000 sqm development will provide stabling, servicing and maintenance for the Eurostar fleet when the London terminal shifts from Waterloo to St Pancras.

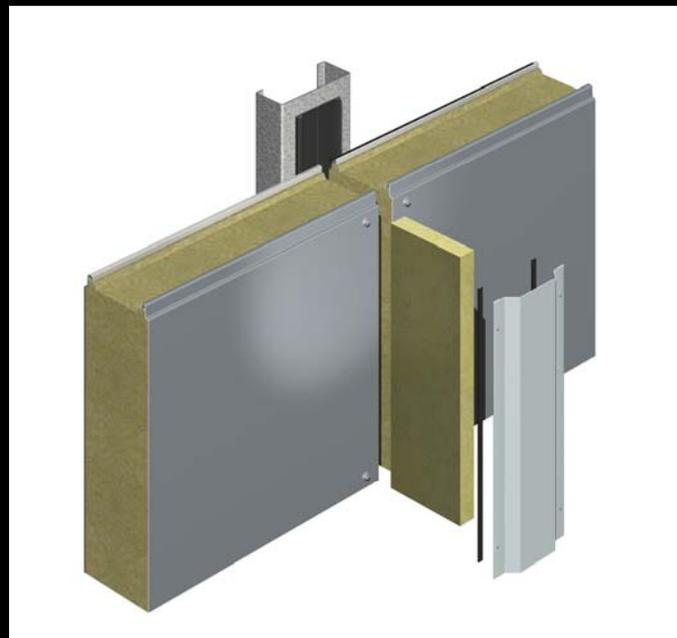
The design and construction of the building envelope was specified to provide a critical level of fire resistance, minimizing damage from any internal and external sources of flame.

Rockspan Extra is manufactured with a stone wool non combustible core. The panel system has been tested and approved where appropriate to LPS 1181 Grade A, FM Global FM 4880, BS 476 Part 22 and EN 1364 Part 1 fire performance standards.

A Rockspan building envelope will provide fire protection up to 2 hours without the additional need for flashing and joint stitching; ideal for a building set to house high voltage plant equipment and welding applications.

Thanks to the structural density of the core material, the panels can single span in excess of 6 metres, reducing or eliminate the need for secondary supporting steelwork, greatly increasing the internal space of the building.

The Temple Mill train depot forms part of the £5.8 billion Channel Tunnel Rail Link being project managed by rail Link Engineering.



Client: London & Continental Railways

Architect, Engineer & Project Manager: Rail Link Engineering (ARUP, Betchel, Harlcrow, Systra)

Contractor :Balfour Beatty Rail

Panel Contractor: Cockeritis



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