



Proteus Waterproofing

Case Study: Cold Melt®

7 Curzon Street, London



Project Brief:

7 Curzon Street, a prestigious residential block in Mayfair, London, required a refurbishment to the terrace roofs and high-level flat roofs, also involving the upgrading of their thermal performance and non-combustible porcelain tiles finishes to the terrace roofs.

The challenge of the roof refurbishment required a flat roof system manufacture involved at the initial roof survey and specification design stage, followed by the Manufacturers technical back-up to assist with unforeseen and unexpected situations to ensure a successful installation of the new roof systems.

Key Requirements: High Performance Waterproofing

The terrace roofs demanded a waterproofing system with **BBA** certification to '0' falls. The fully bonded and seamless **Cold Melt®** was selected, in conjunction with **Proteus Pro-Therm Insulation PIR** to improve the roofs thermal performance and remove condensation risk. The high-level roofs required **Proteus Pro-System® Plus** low odour, seamless waterproofing with **Proteus Pro-Therm Tapered Insulation PIR** to deliver the required thermal performance.

Proteus Waterproofing worked closely with the Client and the **Proteus Approved Contractor** to ensure the installation complied with the specification design.

Key Requirements: Health & Safety

Safety on construction sites is always of the utmost importance, as well as keeping disruptions to other trades to a minimum. **Proteus Waterproofing** systems - **Cold Melt®** and **Proteus Pro-System® Plus** we're selected for their high performance, phased cold installation and seamless waterproofing.

Key Requirements: Long Term Performance

Incorporating recycled rubber crumb and organically grown products, **Cold Melt®** creates an elastomeric, seamless, cold applied waterproofing membrane. The **Cold Melt®** system can include inverted and warm roof insulation and, with or without insulation, can be designed as a paved, ballasted, green or brown roof. The membrane does not become brittle with age, is **BBA** Certified to last the design life of the roof and is **manufactured in the UK**.

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