



Proteus Waterproofing

Case Study: Cold Melt®

Walkway Refurbishment, Crystal Palace FC, Selhurst Park



Project Brief:

A communal terrace at Crystal Palace Football Club was leaking into the premises below. The brief was to remove the existing roof build-up and install a new **Proteus Waterproofing** system including insulation. As the terrace area was in close proximity to working offices and accessible to the public, the system required to be installed quickly, have a low odour, limited installation noise, last the life of the building and be cost effective.

Key Requirements: High Performance Waterproofing

The roof coverings, pavers, insulation and existing asphalt waterproofing were stripped back to the deck. The **Cold Melt®** system was then installed, overlaid with new **Proteus Pro-Therm XPS** insulation and new pavers set on corner rests provided as a trafficable finish. **Proteus Waterproofing** worked closely with **Proteus Approved Contractor** to complete the project to time and a high standard.

Key Requirements: Health & Safety

When working in areas accessible by the public, cold application, smell and noise are important concerns. **Cold Melt®** is cold applied which removed the risk of fire, it has no odour and kept the installation noise and disruptions to a minimum.

Key Requirements: Long Term Performance:

Incorporating recycled rubber crumb and other organically grown products, **Cold Melt®** creates an elastomeric, seamless, cold applied waterproofing membrane. The **Cold Melt®** system can include inverted roof insulation. With or without insulation, it can be designed as a paved, ballasted, green or brown roof. The membrane does not become brittle with age, is **BBA Certified 25 years**. Once covered, may last the life of the structure. **Made in the UK.**

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