



Proteus Waterproofing

Case Study: Proteus Pro-Cold®

BMI, The Blackheath Hospital



Project Brief:

The Blackheath Hospital, a private hospital made up of Victorian houses that from the classical façade of the building required a new waterproofing membrane to the plant room roof, after reports of water ingress to the building below. The leaks were caused by the existing box gutter around the slate pitched roof which was found to be an aged timber deck with a broken down felt membrane. The client requested a high performance, cold applied system, therefore **Proteus Pro-Cold®** was specified.

Key Requirements: High Performance Waterproofing

Due to the nature of the building, a noise free, low odour, cost effective solution was required. A recovery board, bonded in **Pro-Bond Foaming Adhesive** was first installed, followed by the application of **Proteus Pro-Cold®** in a two coat fully reinforced process providing a guaranteed 15-year system. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

Key Requirements: Health & Safety

As the hospital building was constantly operating, the system needed to be installed with minimum noise and disruptions, ensuring the hospital could still operate and patients were not disturbed. As **Proteus Pro-Cold®** is cold applied it met all the health and safety criteria, as well as keeping disruptions to a minimum. **Proteus Pro-Cold®** is also certified with the highest European Fire Rating **BRooft4**.

Key Requirements: Long Term Performance

Proteus Pro-Cold® offers a low maintenance, durable waterproofing and protection solution for a range of new build and refurbishment applications. It is cold applied, eliminating the risk of fire and once cured, provides a completely seamless waterproof protection and has excellent UV stability, making it suitable to use in all climates. **Proteus Pro-Cold®** forms a seamless, fully adhered membrane and has **BRooft4** certification.

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