



Proteus Waterproofing

Case Study: Proteus Pro-System® Plus

Tower Refurbishment, Braintree Fire Station, Essex



Project Brief:

Braintree Fire Station, in Essex required a new waterproofing coating to one of the drill towers, which are used for training, as previous coatings had failed to have the durability to withstand the training activities. **Proteus Pro-System® Plus**, a cold applied liquid, was specified.

Key Requirements: High Performance Waterproofing

As the towers are used for training purposes, **Proteus Pro-System® Plus** was used incorporating **Pro-Aggregate EM**. Application was to hard wood surfaces to provide a slip-resistant finish. **Proteus Waterproofing** worked closely with the contractor to ensure the project was completed to a high standard. A roll out programme will take place throughout Essex with client **Essex Fire and Rescue** to each drill tower, when repairs are required.

Key Requirements: Health & Safety

Due to the nature of the building, a cold applied, low odour system was vital. It kept disruptions to a minimum, meaning the Fire Station could continue to operate and still respond to any emergency calls. **Proteus Pro-System® Plus** is also certified with the highest European Fire Rating **BroofT4**.

Key Requirements: Long Term Performance

Proteus Pro-System® Plus 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-System® Plus** forms a seamless, fully adhered membrane and is **BBA Certified**.

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