



Proteus Waterproofing

Case Study: Proteus Pro-Felt® BUR

Roof Refurbishment, Kingsbury Parade, London



Project Brief:

The flat roof above Kingsbury Parade were in urgent need for refurbishment works, due to water ingress into the residential premises below and causing rotting to the close boarded timber deck. The client requested a new high-performance waterproofing membrane to improve the lifespan of the roof and meet the required thermal performance. **Proteus Waterproofing** specified **Proteus Pro-Felt® Ultima Plus BUR** system to achieve the client's requirements.

Key Requirement: High Performance Waterproofing

The existing roof covering was stripped back to the structural deck and **Pro-Vapour SA** was applied. **Pro-Vapour SA** is a cold bonded self-adhesive vapour barrier, which removed the roof torch naked flame from direct contact with the deck. **Proteus Pro-Felt® Ultima Plus** was then installed, incorporating **Proteus Pro-Therm PIR Insulation** to meet building regulations.

Key Requirements: Quality Control

Proteus Pro-Felt® Ultima Plus carries the highest European fire rating BroofT4, therefore on completion the buildings further fire safety was improved. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to deliver the project to a high standard.

Key Requirements: Long Term Performance

Proteus Pro-Felt® Ultima Plus is a high-performance multi-layer bituminous membrane system, tested to perform in extreme temperatures and weather conditions. This membrane is impervious to water and will achieve a weather-tight roof. It has class leading modified bitumen content which allows the flexible membrane to move with the building and ensure long term durability and performance, which is certified by the **BBA** to be in excess of 30 years. All **Proteus Waterproofing** specifications promote fire safe installation methods conforming to the industry lead **Safe2Torch** guidelines.

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