



Proteus Waterproofing

Case Study: Proteus Pro-Felt®

City Tower, Canary Wharf



Project Brief:

City Tower, a private apartment tower block located in Canary Wharf required a new high performance waterproofing system as the existing single ply roof had been damaged beyond repair due to a fire. To provide a cost effective, long term waterproofing solution, **Proteus Waterproofing** specified a **Hybrid Tapered Insulation Scheme** with a **Proteus Pro-Felt®** finish, meeting the client's specific requirements.

Key Requirements: High Performance Waterproofing

As the existing roof was beyond repair, it needed to be completely stripped. **Pro-Prime® SA** and **Proteus Pro-Felt® Self Adhesive Underlay** were used as a vapor control layer. **Proteus Pro-Therm EPS** and **Proteus Pro-Therm PIR** were used for the **Hybrid Tapered Insulation Scheme** and bonded using **Pro-Bond Foaming Adhesive**. **Proteus Pro-Felt® 3mm Plain Underlay** was then fully adhered to the insulation, followed by a final installation of **Proteus Pro-Felt® Ultima Plus Fireguard**. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was delivered to a high standard.

Key Requirements: Health & Safety

When working on residential buildings, safety is always of utmost importance. **Proteus Pro-Felt® Ultima Plus Fireguard** has the **highest European Fire Rating, Brooft4**, making it the ideal felt to use on residential properties as the risks to operatives, building occupants and members of the public are greatly reduced. All **Proteus Waterproofing** specifications promote fire safe installation methods conforming to the industry lead **Safe2Torch guidelines**.

Key Requirements: Long Term Performance

Proteus Pro-Felt® Ultima Plus Fireguard is a High-Performance multi-layer bituminous membrane system, tested to perform in extreme temperatures and weather conditions. It has class leading modified bitumen content which allows the flexible membrane to move with the building and ensure long term durability and performance. It is **certified by the BBA** to be in excess of 30years, and had the **highest European Fire Rating – Brooft4**.

Proteus Waterproofing Limited
21a Sirdar Road
Brook Road Industrial Estate
Rayleigh
Essex SS6 7XF

Tel: 01268 777871
Fax: 0845 2991215
Email: office@proteuswaterproofing.co.uk
www.proteuswaterproofing.co.uk