



Proteus Waterproofing

Case Study: Proteus Pro-Felt® BUR

Roof Refurbishment, Austin House



Project Brief:

Austin House, a residential block above a Sainsburys store, required a new waterproofing system to the high-level roof. Following a site survey where core samples were taken, the existing membrane was found to have been installed without a roof deck and beyond recovery. **Proteus Waterproofing** specified **Proteus Pro-Felt® Ultima Plus BUR** to meet Building Regulations Part L.

Key Requirements: High Performance Waterproofing

The roof had to first be stripped back and a new plywood roof deck to be installed. **Proteus Pro-Felt® Ultima Plus** was installed incorporating **Proteus Pro-Therm PIR** insulation, to improve the thermal performance. The smaller roof areas which also required a new waterproofing membrane, were able to accept an overlay system. Therefore, **Proteus Pro-System® Plus**, a low odour, cold applied liquid was used. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

Key Requirements: Health & Safety

When working on residential buildings, safety is always of utmost importance, as well as keeping disruptions to residents and to the store below, to a minimum. **Proteus Waterproofing** promote fire safe installation methods conforming to the industry lead **Safe2Torch** guidelines and is also certified with the highest European Fire Rating **BroofT4**.

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 30years.

Proteus Industrial Technologies Ltd.

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