



Proteus Waterproofing

Case Study: Proteus Pro-Felt®

Scarborough Spa



Project Brief:

Scarborough Spa, a Grade II listed building and venue for conferences, exhibitions and events required a new waterproofing membrane as the existing felt roof had reached the end of its serviceable life. Following a site survey, **Proteus Waterproofing** specified **Proteus Pro-Felt® Ultima Plus**, along with a **Cut to Fall insulation scheme**, providing a long lasting, bespoke, waterproofing solution.

Key Requirements: High Performance Waterproofing

A built-up roof system was installed with **Cut to Fall insulation** and **Proteus Pro-Felt® Ultima Plus** felt. As the roof was had many changes in levels, **Cut to Fall insulation** was essential. It was designed so water could be directed to suitable outlets, significantly reducing water retention on the roof. **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 occupied or public buildings, safety is always of utmost importance, as well as keeping disruptions to a minimum. **Proteus Waterproofing** always promote fire safe installation methods. The **Proteus Pro-Felt®** range conforms 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.

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