



Proteus Waterproofing

Case Study: Proteus Pro-Felt® Proteus Pro-System®

Barley Mow Centre, Chiswick



Project Brief:

Barley Mow Centre, Chiswick, a vibrant business hub offering studio and office space required a major refurbishment to the upper roof which had aged beyond repair allowing water ingress into the building. The lower roof was in reasonable condition and required an overlay to extend the lifetime of the roof. To rectify the issues, **Proteus Waterproofing** installed **Proteus Pro-Felt® Ultima Plus**, along with **Proteus Pro-System®**.

Key Requirements: High Performance Waterproofing

The larger, upper roof was completely stripped back, and a new timber deck installed. The vapour barrier was laid onto the timber deck followed by 120mm **Proteus Pro-Therm insulation**. The roof was then finished with **Proteus Pro-Felt® Ultima Plus**. As the felt on the smaller lower roof was in reasonable condition, **Proteus Pro-System®** was overlaid to create a seamless, long lasting finish while extending the lifetime of the roof. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

Key Requirements: Health and Safety

When working on occupied or public buildings, safety is always of utmost importance, as well as keeping disruptions to a minimum. As there was an atrium rooflight in the centre of the roof, self-adhesive felt was vital. The **Proteus Pro-Felt®** range conforms to the industry lead **Safe2Torch** guidelines and is also certified with the highest European Fire Rating **BroofT4**. **Proteus Waterproofing's** liquid applied systems are cold installed and therefore removes the risk of fire to the building. The low odour, low noise application allowed the **Proteus Approved Contractor** to complete the works safely, meeting all health and safety criteria.

Key Requirements?: Long Term Performance

Proteus Pro-Felt® Ultima Plus is a high-performance multi-layer membrane system, tested to perform in extreme temperatures and weather conditions. This membrane is impervious to water and will achieve a weather-tight roof. **Proteus Pro-System®** offers a low maintenance, durable waterproofing and protection solution for a range of new build and refurbishment applications. It is cold applied, therefore eliminating the risk of fire, and once cured, provides a completely seamless waterproof protection with excellent UV stability, making it suitable to use in all climates. **Proteus Pro-System®** forms a seamless, fully adhered membrane, is manufactured in the UK, and is **BBA Certified**.

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