



Proteus Waterproofing

Case Study: Proteus Pro-System® Plus CTF Scheme

Roof Refurbishment, Lancaster House, Manchester



Project Brief:

Lancaster House, a listed Edwardian building that had been converted into offices and residential flats, required a new waterproofing membrane as the existing waterproofing had reached the end of its lifespan and was allowing water ingress into the residential apartments. **Proteus Waterproofing** specified **Proteus Pro-System® Plus**, a low odour, cold applied system, incorporating a **Proteus CTF scheme** to minimise ponding.

Key Requirements: High Performance Waterproofing

Proteus Pro-System® Plus was specified as a bespoke system could be offered that could effectively overlay the asphalt substrate without disturbing the listed features of the building. A tailored **Proteus CTF scheme** was designed to ensure proper drainage of the roof, by removing standing water. As there was a lot of detailing work, the use of **Proteus Pro-System® Plus** significantly reduced the work required as it can be easily moulded, without ruining the listed features. Proteus Waterproofing worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

Key Requirements: Health & Safety

As **Proteus Pro-System® Plus** is low odour, it minimised the impact on the residents below and members of the public. The cold application removed the need for hot works, which was crucial on a roof with such historical value.

Key Requirements: Long Term Performance

Proteus Pro-System® Plus offers a low maintenance, durable waterproofing and protection solution for a range of new build and refurbishment applications. Once cured, provides a completely seamless waterproof protection and has excellent UV stability, making it suitable to use in all climates. **Proteus Pro-System® Plus** forms a seamless, fully adhered membrane, **manufactured in the UK** and is **BBA Certified**.

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