



Proteus Waterproofing

Case Study: Proteus Pro-System® Plus

Roof Refurbishment, Siobhan Davies Dance Studio, London



Project Brief:

The Siobhan Davies Dance Studio in London, an artist-led organisation that advances the art of dance and choreography, required a new cold applied, seamless waterproofing membrane. As the existing GRP had reached the end of its useful and serviceable life, Proteus Waterproofing installed **Proteus Pro-System® Plus**, extending the life of the structure by a further 20 years. **Proteus Pro-System® Plus** is a high performance, cold applied, seamless waterproofing covering, therefore greatly reduces the risks an open flame roof torch would pose.

Key Requirements: High Performance Waterproofing

Firstly, the roof area was prepped with **Pro-Epoxy Primer**, a primer designed for excellent adhesion of **Proteus Pro-System® Plus** and outstanding water resistance and corrosion protection. Bond break tape was specified to the joints to facilitate free movement. **Proteus Pro-System® Plus** was then applied, incorporating **Pro-Force**, a reinforcement matting. The application was completed by applying the **Proteus Pro-System® Plus Top Coat**.

Key Requirements: Health & Safety

Disruptions had to be kept to a minimum due to the dance studios opening hours. As a school is located next to the studio, the client required a low odour system, making **Proteus Pro-System® Plus** the ideal waterproofing membrane. The system needed to be liquid as the substrate was not conventionally straight and incorporated awkward detailing such as the step-down box gutters and windows. Proteus Waterproofing worked closely with the **Proteus Approved Contractor** to complete the project to a high standard.

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. It is cold applied, eliminating the risk of fire, meeting the highest European fire rating BroofT4 and once cured, provides a completely seamless waterproof protection that has excellent UV stability, making it suitable to use in all climates. **Proteus Pro-System® Plus** forms a seamless, fully adhered membrane, is **made in the UK** and is **BBA Certified**.

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