



Proteus Waterproofing

Case Study: Pro-BW® (Reinforced)

Balcony Refurbishment, Parade Court, Portsmouth



Project Brief:

As part of the refurbishment of a residential block of flats in Portsmouth, Portsmouth City Council required an overlay to the existing severely failing asphalt covering on the communal walkways. To avoid the removal and replacement of the asphalt, and avoid the risk of fire in an occupied building, the Council opted for the cold-applied Pro-BW® (Reinforced) system from Proteus Waterproofing.

For a durable, waterproof coating which extends the life and protects the asphalt from further degradation, as well as providing the residents with a safer, skid-inhibiting finish, the licensed contractor installed 100m² of the cold applied Pro-BW® (Reinforced) system.

Key Requirement: Minimal disruption

Pro-BW® (Reinforced) ensured minimal disruption and inconvenience thanks to the fast curing system allowing foot traffic within two hours of installation. The use of Pro-BW® (Reinforced) also reduced the risk of further water ingress whilst works were undertaken, and ensured access to the walkways was reinstated quickly and efficiently.

Key Requirements: Health and Safety

As it is cold installed, Pro-BW® (Reinforced) meets health and safety criteria by minimising risk to site operatives and local residents. Pro-BW® (Reinforced) also offers a low-odour application to provide the safest and most convenient solution on site for the licensed contractor.

Key Requirement: Quality control

Proteus Waterproofing and the licensed contractor worked in close partnership to successfully deliver the project to a very high standard within the required timeframe. The asphalt had begun to suffer from cracking, blistering and slumping, requiring repairs prior to waterproofing. All expansion joints had to be raked out and sealed with the new waterproofing system. Proteus Technical Managers made regular inspections, reporting on progress, ensuring the installation of Pro-BW® (Reinforced) met the required standards.

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