



Proteus Waterproofing

Case Study: Proteus Pro-Felt®

Roof Refurbishment, Hambledon Court, Champion House and Hurley Court, Bracknell



Project Brief

For three residential 1960s block of flats in Bracknell - Hambledon Court, Champion House and Hurley Court - the client required a new waterproofing system due to the existing felt system ageing and not meeting the current Building Regulations Requirements for thermal performance. Following detailed surveys by Proteus Waterproofing on each of three towers, Bracknell Forest Homes Ltd specified Proteus Pro-Felt® built up roof system to overlay 3300m² of roof systems, meeting their budgetary and thermal performance requirements.

The installation of Proteus Waterproofing's cost effective and high performance Proteus Pro-Felt® built up roof system by the Proteus Licenced Contractor extended the lifespan of the roofs by a further 20 years whilst offering total safety, minimal disruption and noise.

Key Requirement: Health and Safety

Working on occupied buildings, safety is always of utmost importance. The Proteus Pro-Felt® Ultima BUR Felt system incorporated a Self-Adhesive Vapour Barrier, 120mm of

Proteus Pro-Therm Insulation bonded in cold adhesive followed by the tried and tested Proteus Pro-Felt® Self-Adhesive Heat Activated Underlay. This was finished with the Proteus Torch On Cap sheet.

Key Requirements: Quality Control

Due to the complex nature of the works, Proteus Waterproofing and the licensed contractor worked in close partnership to successfully deliver the project to a very high standard.

Proteus Pro-Felt® Ultima BUR and Proteus Pro-System® roof overlay coating were possible options to overlay the roofs, whilst working to a tight budget. The residents opted for the Proteus Pro-Felt® Ultima BUR to extend the lifespan of the roofs and improve their thermal performance.

Key Requirements: Durability

Proteus Pro-Felt® Ultima BUR offers a durable waterproofing and protection solution to a range of buildings. Proteus Pro-Felt® Ultima BUR waterproofing system offers 10, 15, 20 and 25-year durability options which are also available with independent insurance backed guarantees.

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