



# Proteus Waterproofing

## Case Study: Proteus Pro-Felt®

### New build homes, Brockham Close, Wimbledon



#### Project Brief:

The flat sedum roofs on two adjacent, multi-million pound new-build homes located close to Wimbledon town centre required a range of highly flexible and environmentally friendly solutions that would ensure exceptional waterproofing integrity as well as meet the design, budget and guarantee requirements of the project.

Built to an exceptionally high standard and to the Code for Sustainable Homes Level 4, the specialist contractor specified the high performance Proteus Pro-Felt® Ultima Anti Root BUR system for the green roofs.

#### Key Requirement: Minimal disruption

With one of the main challenges on the project a logistical one due to the confined plot close to fencing and neighbouring properties, the specialist contractor, main contractor and suppliers had to work closely to ensure there were no delays to the build programme. The range of solutions from Proteus Waterproofing ensured minimal disruption and inconvenience.

#### Key Requirements: Quality Control

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

The high performance Proteus Pro-Felt® built-up roof system incorporated Pro-Prime® bitumen to the plywood deck, Pro-Prime® Self-Adhesive (SA) to upstands, Proteus Pro-Felt® SA underlay film, 160mm (2x 80mm) Proteus Pro-Therm insulation bonded using adhesive and Proteus Pro-Felt® SA underlay film. This was finished with Proteus Pro-Felt® Ultima anti-root and a sedum covering above.

#### 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.

#### Proteus Industrial Technologies Ltd.

21a Sirdar Road  
Brook Road Industrial Estate  
Rayleigh  
Essex SS6 7XF

Tel: 01268 777871  
Fax: 0845 2991215  
Email: [office@proteuswaterproofing.co.uk](mailto:office@proteuswaterproofing.co.uk)  
[www.proteuswaterproofing.co.uk](http://www.proteuswaterproofing.co.uk)