



# Proteus Waterproofing

## Case Study: Proteus Pro-Felt®

### Arderne Bungalows



#### Project Brief:

The bungalows formed part of a wider, local authority flat roof refurbishment scheme to residential properties. The pitched roofs which were previously covered with a built up felt roof system and cork insulation had aged beyond repair and required removal. **Proteus Waterproofing** were asked to supply a high-performance replacement, as well as upgrading the roof deck structure by over-decking with new 18mm plywood and the new insulation to comply with both **Building Regulations Part B (compartmentation)** and **Part L (thermal)**.

#### Key Requirements: Long Term Performance

**Proteus Pro-Felt® Ultima Plus Fireguard BUR** offers a durable waterproofing and protection solution for new build and refurbishment projects, is BBA Certified and available with a range of guarantees.

#### Key Requirements: High Performance Waterproofing

Working on residential and occupied buildings, safety is always of the utmost importance. **Proteus Pro-Felt® Ultima Plus Fireguard BUR** system reduces risk by incorporating a cold installed, self-adhesive air vapour control to be bonded to the new plywood roof deck. **Proteus Pro-Therm insulation** is cold bonded to the air vapour control, to comply with current **Building Regulations Part L** with **Proteus Pro-Therm Non-Combustible** cold bonded to the air vapour control above party walls, to comply with current **Building Regulations Part B**.

The specification was prepared according to the **NFRC 'Safe2Torch'** guidelines.

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