



# Proteus Waterproofing

## Case Study: Proteus Pro-Felt®

### The Mall, Walthamstow



#### Project Brief:

Following a large fire that affected the whole shopping mall, a major part of the refurbishment works involved the re-modelling of the architectural pyramids on the roof, converting them into a flat roof that would be compliant with current Building Regulations. **Proteus Waterproofing** were asked to supply a high-performance solution which would upgrade the drainage falls with a new **Proteus Pro-Therm Insulation Cut to Fall Tapered Scheme**, designed to comply with **Building Regulations Part L (thermal)**.

#### Key Requirements: High Performance Waterproofing

The existing fire and water damaged roof had to be removed to enable the metal roof deck to be inspected and repaired as required. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure works were completed to a high standard.

#### Key Requirements: Health & Safety

When working in public areas, safety is always of the utmost importance. **Proteus Pro-Felt® Ultima Plus BUR** system incorporates a cold installed, self-adhesive air vapour control which is bonded to the metal roof deck. **Proteus Pro-Therm Cut to Fall Tapered Insulation** is cold bonded to the air vapour control making it ideal to use on public buildings as the risks to operatives and members of the public are greatly reduced. All **Proteus Waterproofing** specifications promote fire safe installation methods conforming to the industry lead **Safe2Torch guidelines**.

#### Key Requirements: Long Term Performance

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

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