



# Proteus Waterproofing

## Case Study: Pro-Living®

### New Build, Upper Tulse Hill, London



#### Project Brief:

Upper Tulse Hill, a new build private residential development required a long lasting, durable waterproofing membrane. This project was designed and constructed to demanding planning conditions, including an extensive green roof. Additionally, the roof system required to be able to absorb and assist with the reduction of Nitric Oxide, a harmful pollutant in cities and urban areas, on the roof terrace.

#### Key Requirements: High Performance Waterproofing

Height restrictions demanded a waterproofing system with **BBA certification** to '0' falls. The fully bonded and seamless **Cold Melt®** was selected, in conjunction with **Proteus Pro-Therm Insulation** and **Proteus Pro-Living®** extensive green roof system. The upper level roof required **Proteus Pro-System® Plus** low odour, seamless waterproofing with **Proteus Pro-Therm Tapered Insulation** to deliver the required thermal performance and drainage falls. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

#### Key Requirements: Health and Safety

Safety on construction sites is always of the utmost importance, as well as keeping disruptions to other trades to a minimum. **Proteus Waterproofing** systems - **Cold Melt®** and **Proteus Pro-System® Plus** we're selected for their high performance, phased cold installation and seamless waterproofing.

#### Key Requirements: Long Term Performance

Incorporating recycled rubber crumb and organically grown products, **Cold Melt®** creates an elastomeric, seamless, cold applied waterproofing membrane. The **Cold Melt®** system can include inverted roof insulation and, with or without insulation, can be designed as a paved, ballasted, green or brown roof. The membrane does not become brittle with age, is **BBA Certified** to last the design life of the roof and is **manufactured in the UK**.

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