



# Proteus Waterproofing

## Case Study: Cold Melt®

### New Build, 20 Farringdon Street, London



#### Project Brief:

Farringdon Street, a new build development in London which would form offices required waterproofing to the main roof and terrace areas. The client requested a roof system, that a range of finishes could be applied, along with insulation to meet the required U-Value. **Proteus Waterproofing** specified their roof systems, **Cold Melt®** and **Proteus Hot Melt®**, incorporating **Proteus Pro-Therm** insulation.

#### Key Requirements: Main Roof

As the main roof was a large area size, **Proteus Hot Melt®** was installed, as this is a fast and straightforward application and required no curing time, allowing the build programme to stay on track. Due to the threshold heights on the terraces, a vacuum sealed insulation panel, **Proteus Pro-Therm VIP** was installed in conjunction with **Proteus Pro-Therm XPS Plus**, as this provided suitable application for the terraces to be paved over. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

#### Key Requirements: Terraces

As the terraces were in a small confined space, it would have been dangerous to the operatives and other trades for a boiler to use used. To overcome this, **Cold Melt®**, a low odour cold applied inverted roof system was used to ensure all health and safety requirements were met. As **Cold Melt®** is an inverted system a range of finishes, including pavers and cobbles could be applied.

#### Key Requirements: Seamless Waterproofing

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** and **manufactured in the UK**.

#### 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)