



# Proteus Waterproofing

## Case Study: Proteus Pro-System® Plus

### Roof Refurbishment, Bedford Square, London



#### Project Brief:

Bedford Square, a residential home required refurbishment works to the existing terrace area. The existing finishes were removed back to the original concrete deck. **Proteus Waterproofing** installed **Cold Melt®**, a high performance seamless waterproofing system which is cold applied, greatly reducing the risk an open flame roof torch poses, meeting the client's brief. Once installed, the stone paving finish was reinstated on a cement bed.

#### Key Requirements: High Performance Waterproofing

**Cold Melt®** was installed as it is a cold applied, odourless application which is ideal for enclosed areas. **Cold Melt® DPM Primer** was then applied with **Pro-Aggregate EM** to create a mechanical key for the new cement bed for the pavers. Decorative slabs were then applied. Proteus Waterproofing worked closely with the **Proteus Approved Contractor** to complete the project to a high standard.

#### Key Requirements: Health & Safety

When working on occupied buildings, particularly in busy city centers, safety is always of utmost importance. As **Cold Melt®** is a cold applied liquid system it met all health and safety criteria to work on this occupied building. With the terrace was in close proximity to neighbouring properties, the low odour application allowed the **Proteus Approved Contractor** to work safely and with minimal disruptions.

#### Key Requirements: Long Term Performance

Incorporating recycled rubber crumb and organically grown products, **Cold Melt®** creates an elastomeric, seamless, cold applied waterproofing membrane. **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 life of the structure and is **made 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)