



Proteus Waterproofing

Case Study:
Cold Melt®

Terrace Refurbishment, Kenbrook House



Project Brief:

Kenbrook House, a private residential block in Kensington required some refurbishment works to the roof terrace as the existing waterproofing had failed, allowing water ingress into the commercial units below. As the client requested an inverted system, **Cold Melt®** a no odour, cold applied waterproofing system was installed.

Key Requirements: High Performance Waterproofing

As the concrete surface formed a suitable substrate to accept an overlay, **Cold Melt®** was applied, extending the life of the roof by a further twenty years. **Cold Melt®** is a seamless waterproofing membrane which meant increasing the roof level could be avoided. Once the waterproofing had cured promenade tiles was applied, any areas that was left exposed **Cold Melt® UV Top Coat** was applied. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

Key Requirements: Quality Control

When working on occupied buildings in a busy city centre, safety is of the utmost importance. As the roof terrace was used to access the flats by the residents, a no odour system was crucial. **Cold Melt®** is fast to install which meant disruptions were kept to a minimum for homeowners and members of the public.

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 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
www.proteuswaterproofing.co.uk