



# Proteus Waterproofing

## Case Study: Cold Melt®

### Penthouse, Belvedere House, Chelsea Harbour, London



#### Project Brief:

Belvedere House is an apartment block in the stunning Chelsea Harbour that overlooks the River Thames. With the Penthouse roof leaking into the properties below, the maintenance team called **Proteus Waterproofing** to assist with finding a solution to resolve their problem. The maintenance team had called on Proteus due the success of another project where we provided the same solution. Proteus put together a specification using our **Cold Melt®** system.

The paving slabs and insulation boards were lifted and put aside for use again. The felt membrane stripped out exposing the concrete deck.

The **Cold Melt®** system was installed and the insulation boards and pavers reinstated. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor, Khan Property Solutions** to ensure the project was completed to a high standard

#### Key Requirements: Health & Safety

As these are residential balconies and residents were in close proximity, a no odour system was essential. **Cold Melt®** has no odour removing any smell disruption. Its cold application meant the risk of fire was eliminated, meaning all health and safety criteria could be met.

#### 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 may include inverted or warm roof insulation or laid without insulation.

Always covered it can be designed as a paved, ballasted, decked, green or brown roof. The membrane does not become brittle with age, is **BBA Certified** to last the life of the structure once covered and is made in the UK.

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