



# Proteus Waterproofing

## Case Study: Cold Melt® Proteus Pro-System®

### Hollywell Court, Eastbourne



#### Project Brief:

Hollywell Court, a luxurious apartment block overlooking Eastbourne sea front required a new waterproofing membrane for the terrace and entrance roofs as the existing single ply had failed due to poor detailing. As the roof areas had different requirements, **Proteus Waterproofing** specified **Proteus Pro-System®** and **Cold Melt®** providing the client with a cold applied, cost effective, waterproofing solution.

#### Key Requirements: High Performance Waterproofing

**Cold Melt®** was chosen for the terrace roofs as the existing single ply still formed a suitable surface to receive an overlay. **Pro-Prime® SA** and **Pro-Carrier Membrane SA** were applied onto the single ply, followed by an application of **Cold Melt®**. Two coats were applied to the upstands to ensure full coverage. **Cold Melt® UV Top Coat** was finally applied to any exposed details to protect them from UV damage.

As the entrance roofs would be exposed to the elements, **Proteus Pro-System®** was the ideal waterproofing solution. The roof was stripped back to the timber joists and a new timber deck installed. **Pro-Prime® SA** and **Pro-Carrier Membrane SA** were then applied to the timber deck and upstands. Finally, **Proteus Pro-System®** was applied to all surfaces, providing a completely seamless, robust finish.

**Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

#### Key Requirements: Health & Safety

When working on occupied, residential buildings, safety is always of utmost importance. **Proteus Pro-System®** and **Cold Melt®** are both cold installed; therefore all health and safety criteria could be met while completely eliminating the risk of fire. As **Cold Melt®** has virtually no odour, disruptions to residents could be kept to an absolute minimum.

#### Key Requirements: Long Term Performance

**Proteus Pro-System®** offers a low maintenance, durable waterproofing and protection solution for a range of new build and refurbishment applications. Once cured, it provides a completely seamless waterproof protection and has excellent UV stability, making it suitable to use in all climates. **Proteus Pro-System®** forms a seamless, fully adhered membrane, is **manufactured in the UK**, and is **BBA Certified**.

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**.

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