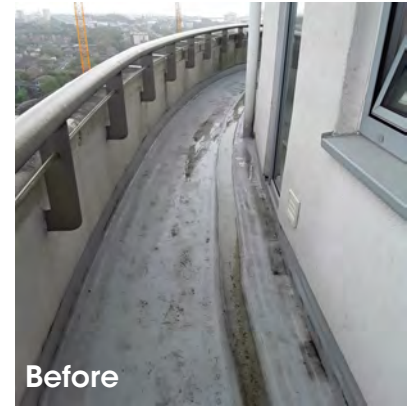




Terrace Refurbishment, Altolusso, Cardiff



Before



After

Project Brief:

Altolusso, a residential building in Cardiff required a new waterproofing solution to the terrace areas as the original waterproofing had begun to fail. **Proteus Waterproofing's Cold Melt®**, a low odour, cold applied inverted roof system was specified incorporating **Proteus Pro-Therm Insulation** to improve the thermal performance of the building. **Proteus Waterproofing Technical Department** attended site meetings and supplied details that could be translated into a workable scheme for the client.

Key Requirements: High Performance Waterproofing

The existing waterproofing and insulation were first removed, and **Proteus Pro-Therm Thermal Protection Board** was installed to meet building regulations. **Cold Melt®** was then applied, as this is a cold applied liquid, it was ideal for awkward detailing. **Cold Melt®** is also root resistant due to being 99.8% solids. This also allows it to cope with ponding water. To finish the system **Cold Melt® UV Top** was applied to protect the waterproofing, as the decking was installed at a later date.

Key Requirements: Quality Control

When working on occupied buildings safety is of the utmost importance, **Cold Melt®** is a cold applied, low odour replacement for mastic asphalt and hot melt. It is fast to install which meant the disruptions to residents were kept to a minimum. **Proteus Waterproofing** worked closely with the **Proteus Approved Contractor** to ensure the project was completed to a high standard.

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, 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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