

CASE STUDY



OLD GRANADA STUDIOS

LOCATION: MANCHESTER

MAIN CONTRACTOR: BOWMER AND KIRKLAND
ROOFING CONTRACTOR: S1 ROOFING

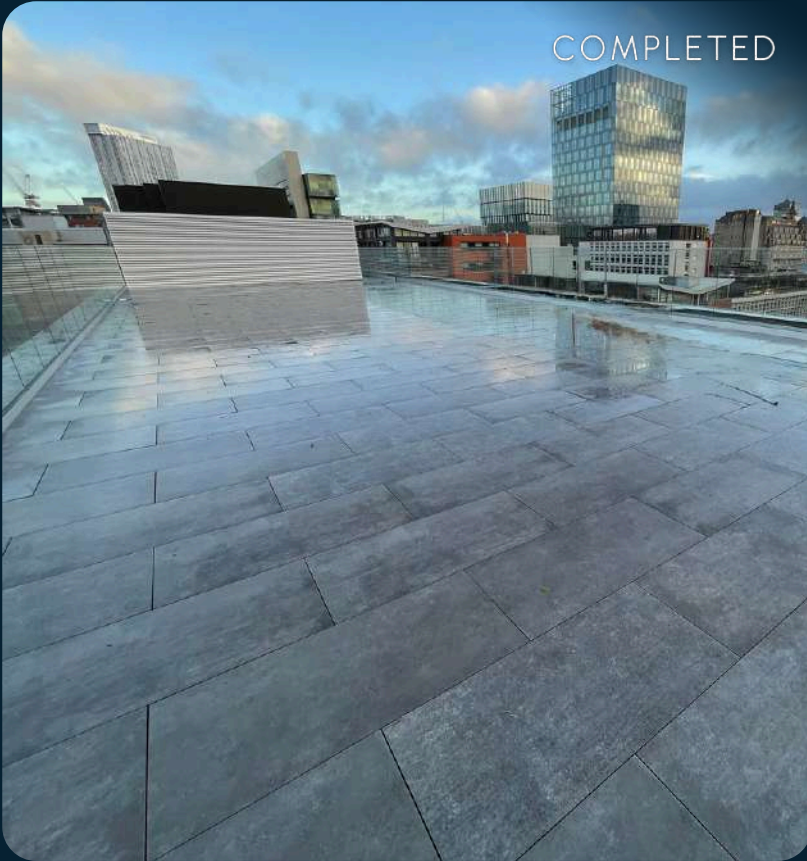
COMPLETION DATE: NOVEMBER 2021

SYSTEM:
ENKOPUR WATERPROOFING SYSTEM
PARO-MELT® HOT MELT SYSTEM

SECTOR: MIXED-USE, REFURBISHMENT

ROOF AREA: 800M²

COMPLETED



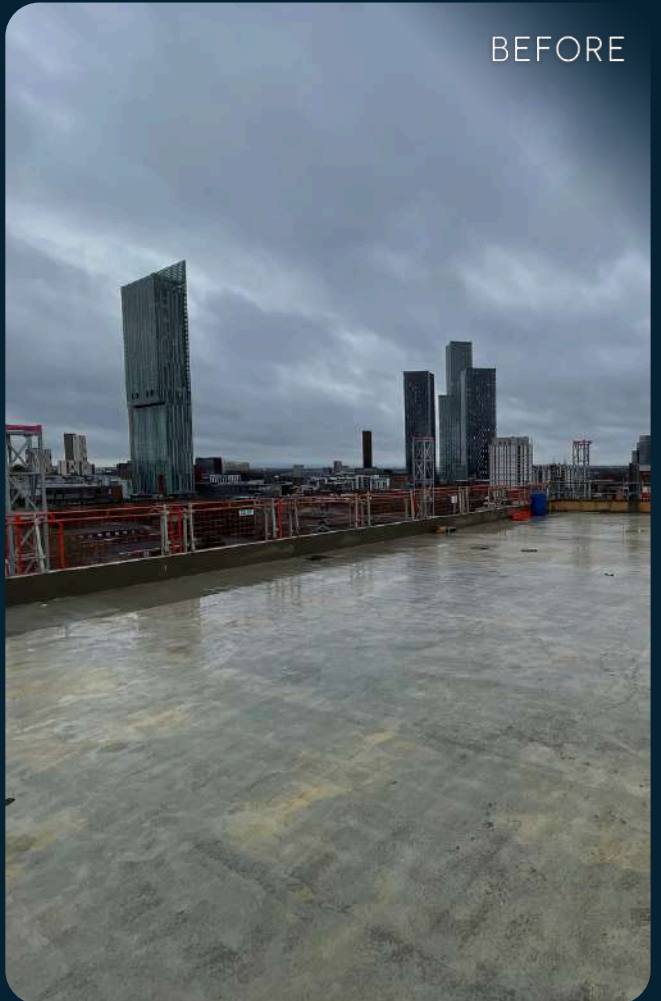
COMPLETED



BEFORE



BEFORE



OLD GRANADA STUDIOS

BACKGROUND:

Part of the prestigious St. Johns development in Central Manchester, was formerly the location of Granada TV Studios and overlooks the cobbles of the former Coronation Street set where the facade of the legendary Rovers Return can still be seen by the turnstile at the entrance to the site. The Old Granada Studios project has been delivered by B&K with the roofing installation carried out by approved contractors SI Roofing. The project features a full MOY Specification comprising Paro-melt Hot Melt Liquids on the main roof at level ten and the level eleven stair core.

CHALLENGES:

There were several challenges for the installation itself with the client deciding mid-project that the main roof on level ten would be used as a terrace area for the building occupants. This resulted in installing a glass fence around the perimeter fixed through the deck after the original installation of the MOY Paromelt system had been completed. The newly installed balustrade supports posed a challenge to the installation as a pitch pocket detail usually used to weather such details was impractical due to the thickness of the installation and the new requirement to install a pedestal-supported, paved terrace.

SOLUTION:

It was decided that the detailing work would be carried out using MOY Enkopur Cold Applied Liquid Waterproofing, this would enable the insulation to remain at a suitable thickness to both support the paving slabs of the terrace above and achieve the specified U-Value. On the level 9 balcony, the originally specified Bitumen warm roof system was swapped out for a MOY Enkopur Cold Applied Liquid warm roof system, this happened at the request of the main contractor to facilitate the installation of the curtain wall and expedite the weather tightness of the building. The MOY Enkopur was installed to the thresholds and below in the first instance, along with the perimeter kerbs on the outside edge, this allowed the other trades to complete their works in the area with the risks to damage to the waterproofing. The remainder of the waterproofing works were carried out at a later date, linking up with the previously installed sections to provide a fully weathered solution.

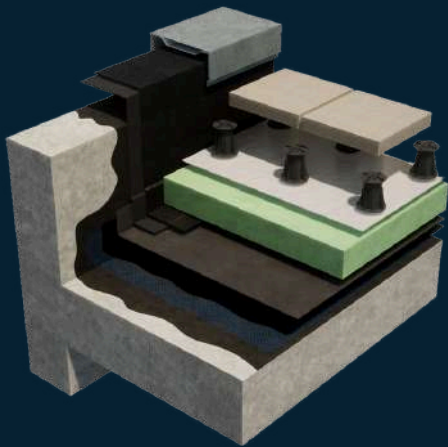


SYSTEM USED

MOY WARRANTY: 25 YEARS

- **Primer:** Paro-Melt Hot Melt Primer and Universal Primer 2K
- **Insulation:** XPS Insulation
- **Waterproofing System:**

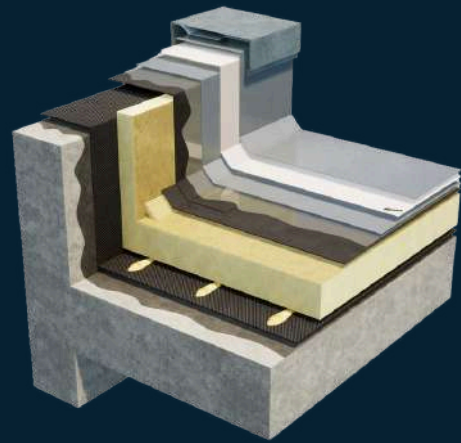
Paro-Melt® Hot Melt System



BENEFITS:

- Second generation hot melt system with fewer installation processes, compared to other Hot Melt systems, resulting in quicker application and easier detailing.
- Robust and extremely long-lasting, impact resistant, ideal for buried heavily trafficked applications such as inverted roofs, podium slabs and terraced applications.
- Available with extended system warranties covering elements such as design guidance, material performance and workmanship
- British Board of Agrément (BBA) certified, Irish Agrément (NSAI) certified, Durability in excess of 40 years
- BROOF (t4) Fire Certification Classed 'Unrestricted – Deemed to Satisfy' when buried with appropriate finishes.

Enkopur Waterproofing System



BENEFITS:

- Creates a monolithic, seamless membrane that minimizes the risk of leaks at joints or seams.
- Excellent flexibility and elasticity, allowing it to accommodate structural movements without cracking.
- Excellent adhesion to various substrates, ensuring a strong bond and reliable waterproofing.
- Allows moisture vapour to escape from the substrate while preventing water ingress, reducing the risk of blistering.
- Suitable for use in many applications, roofs, balconies, weathering of construction elements, gutters and repair work.
- Available with extended system warranties covering elements such as design guidance, material performance and workmanship.
- British Board of Agrément (BBA) certified, Irish Agrément (NSAI) certified, Durability in excess of 25 years
- Various TS 1187 BROOF Regional Fire Certification suitable for Ireland, UK and Europe.
- Multiple colour options (subject to specification) and skid-inhibiting surface finishes.

