

PROJECT PROFILE

Batemoor Estate Sheffield City Housing



Sector: Residential

**Client: Sheffield City Housing
& Keepmoat**

Size: 7,000m²

**System: Polymeric Single Ply
Roofing**

Project Overview

The Batemoor Estate in Sheffield incorporates a mixture of single and multi-storey properties which were originally constructed over 40 years ago. As part of the local authority's city wide renovation programme, the existing asphalt flat roofs on 14 of the larger buildings were to be upgraded. The cost of patch repairs to each of the 500m² roofs was becoming increasingly expensive each year, and the existing drainage system was also prone to regular blockage. In addition, the thermal performance of the roofs needed immediate improvement.

“The level of workmanship observed was of a very high standard, regularly achieving consistent bonding of the membrane, welding and good detailing at upstands, waterchecks & penetrations.

The Solution

A fully insulated single ply waterproofing system was successfully installed on the main roof areas, and a colour matched liquid membrane was then used to effectively waterproof the complex pipe penetrations. Installation timetables had to be carefully managed throughout the project in order to minimise disruption during the cold winter months, and deliveries had to be considerably scheduled in smaller numbers due to the fact that the site was in a residential area.

MAC Roofing's Project Managers worked closely with manufacturer Icopal on this project to minimise any delays and effectively overcome a number of challenges. This began with the design of a bespoke cut-to-falls insulation system to eliminate the central gutter and encourage the movement of rainwater to a new drip edge at the building's exterior. There was then close co-operation to ensure that each roof was accurately measured so that the insulation boards could be designed, manufactured and delivered within the tight time frame that was available.



MAC Roofing & Contracting Ltd

Unit 1, Lumina Business Park, Martindale Road, Bromborough, Wirral, CH62 3PT
T: 0151 346 2670 F: 0151 334 0796 E: admin@macroofing.com

