



# SIKA AT WORK

## HALLSWORTH ROAD, ECCLES, MANCHESTER

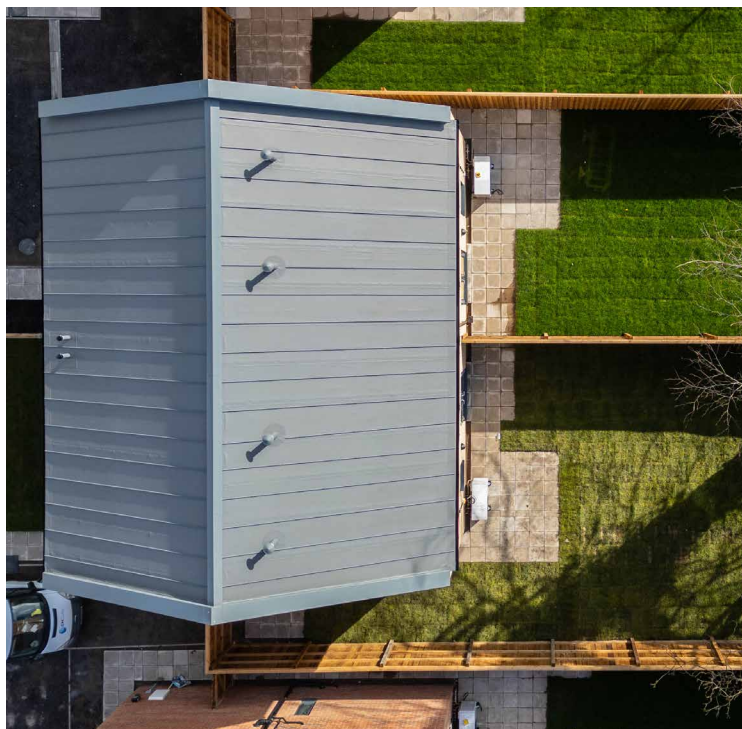
ROOFING: Single Ply Waterproofing Membrane Sikaplan® G-15,  
Air & Vapour Control Layer S-Vap 500 E, Insulation Sikatherm® PIR GT

BUILDING TRUST





# HALLSWORTH ROAD, ECCLES



## PROJECT DESCRIPTION

The Hallsworth Road site was acquired by social housing developer, For Housing following the move of local Rugby League Club Salford City Roosters to a neighbouring location. The developer worked closely with Salford City Council, the rugby club and the local community to build essential housing that would be both affordable and eco-responsible. This has resulted in the construction of 48 new homes, comprising 30 apartments and 18 two and three-bedroom homes, including 4 bungalows. The roofing system chosen was fundamental in meeting the project goals of sustainability and affordability.

## PROJECT REQUIREMENTS

The client required a sustainable roofing system, that was cost effective whilst maintaining the aesthetic look proposed by the architects. This was especially important for the pitched roofs on the houses, which would be visible from the street. The original specification by the architects was for a concrete tiled pitched roof with zinc finishes. Working together with the architect and Sika, Enviroply Roofing proposed an innovative single ply roofing system to the developer which met the project goals of a sustainable, and visually appealing roof.

## SIKA SOLUTION

A mechanically fixed Sikaplan® G-15 roofing system was used, for both the flat roof on the apartment block as well as for the pitched roofs on the houses.

Our most current General Sales Conditions shall apply.  
Please consult the Data Sheet prior to any use and processing.



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The apartment block used a traditional flat roof buildup using S-Vap 500 E as the AVCL (Air and vapour control layer), Sikatherm PIR GT as the insulation layer and finishing with Sikaplan® G-15 membrane using a mechanically fastened system.

The pitched roofs needed a more innovative approach, Enviroply Roofing therefore proposed a fully ventilated cold roof, using Sikaplan® G-15 membrane together with Sika Décor profiles to achieve the required high-level metal roof aesthetic. To ensure this system met regulations pertaining to the control of condensation, Enviroply had a bespoke ventilated system made and fixed to the roof ridges. Aluminium capping was then installed to fully complete the system.

This solution offered a real point of difference to the developer, saving them substantial costs and the additional benefit of a quicker installation whilst maintaining the desired aesthetic required as part of the design.

This innovative approach in the application of a single ply roofing system on pitched roofs has offered multiple benefits to the client and has already raised significant interest for other developers looking to save costs whilst meeting programme timings.

The developer and end user also benefit from the 20 year guarantee offered by Sika and Enviroply Roofing.

## PROJECT PARTICIPANTS

Client: ForViva Housing Association  
Main Contractor: Enviroply Roofing  
Roofing contractor: Enviroply Roofing  
Project name: Hallsworth Road  
Location: Hallsworth Road, Eccles, Manchester  
Area: 18 Houses (all pitched roofs) - 1050m<sup>2</sup>.  
Apartment block (flat roof) - 655m<sup>2</sup>  
Architectural Practice: JDA Architects - Manchester and Liverpool

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