



SIKA AT WORK

UK'S FIRST PURPOSE-BUILT HOMELESS COMMUNITY VILLAGE **BENEFITS FROM SIKA'S SINGLE PLY ROOFING SYSTEM**

ROOFING: Sikaplan® G-15 Lead Grey Single-ply membrane system

BUILDING TRUST



EMBASSY VILLAGE, MANCHESTER

THIS PROJECT INVOLVED THE CREATION OF A PIONEERING HOUSING DEVELOPMENT IN MANCHESTER, DELIVERED BENEATH THE RAILWAY ARCHES IN CASTLEFIELD, COMPRISING 40 HOMES FOR PEOPLE EXPERIENCING HOMELESSNESS. THE NEW DEVELOPMENT IS THE RESULT OF A PARTNERSHIP BETWEEN HOMELESSNESS CHARITY EMBASSY, AND ENGINEERING CONSULTANTS CURTINS, WITH THE WHOLE SCHEME LED BY EMBASSY FOUNDER, SID WILLIAMS.

The site transforms a previously underutilised urban space into a vibrant and supportive community known as Embassy Village. The development extends far beyond residential accommodation, incorporating a village hall, outdoor green spaces, mini allotments, a laundry room, IT facilities, a training kitchen and a multi-use sports centre. For this project, roofing contractors Enviroply Roofing, were required to install roofing on five accommodation pods (347m²), the village hall (97m²) and the staff pod (36m²).

The purpose of this new-build project was to provide not only safe and secure accommodation, but also structured support that enables residents to rebuild their lives. The charity aims for 90% of residents to leave the village in employment and transition into the private



rental sector, equipped with vital life skills such as cooking and managing household bills.

Enviroply Roofing installed a Sika single ply system to the accommodation pods, village hall and staff pod. Given the complexity of constructing the buildings beneath railway arches, the roofing design required a lightweight, durable and highly adaptable solution capable of meeting performance requirements while allowing for efficient installation within a tight site footprint.

The Sika single ply system was selected as it fully satisfied the project's performance specification and addressed the technical challenges posed by the site. The roofing build-up began with Sarnavap®-500 E, an air and vapour control layer (AVCL) providing verified resistance to moisture vapour, along with longevity of use in this application.

Above this, Sikatherm® mineral wool insulation boards were installed to deliver minimal thermal conductivity and fire protection. This ensures high levels of thermal performance, retaining heat during colder months while limiting overheating in summer, a crucial consideration for resident comfort within compact accommodation units.

The waterproofing layer comprised Sikaplan® G-15, a polyester-reinforced, multilayer synthetic membrane based on premium-quality PVC. This membrane offers resistance to permanent UV, wind exposure and common environmental influences, while maintaining high water vapour permeability.

PROJECT PARTICIPANTS

Client: Homelessness Charity Embassy

Engineering Consultants: Curtins

Architects: Jon Matthews Architects and AEW Architects

Main Contractors: Vermont Construction Group

Roofing Contractor: Enviroply Roofing

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