



MOSTON CAMPUS

WATERPROOFING: Alkorplan Reinforced Membrane

PROJECT SIZE: 300m²

PROJECT LOCATION: Manchester

ALKORPLAN
BY ALUMASC

SKYLINE

ARCHITECTURAL ALUMINIUM

Your Complete Roofing Solution

Environmentally Focussed | Responsibly Sourced | Ethically Driven



ALUMASC
ROOFING

MOSTON CAMPUS, MANCHESTER



Project Overview

This development introduces 60 new sustainable and affordable homes, specifically designed for Manchester residents and workers. Located on the former Manchester College Moston Campus, this project rejuvenates an unused site and addresses the urgent need for affordable housing in the area.

Comprising of 50 two and three-bedroom houses, with 33 designated for affordable rent and 17 for rent-to-buy. Additionally, there will be 10 one and two-bedroom apartments, all available for social rent.

Client Brief

Watson Homes is committed to delivering sustainable developments and innovative social housing projects for their clients. As their preferred supply chain partner, we worked closely with them to create a detailed specification tailored to their project needs.

They required a flat roof waterproofing solution for the apartment block, along with coping systems and matching window sills for the housing units. These elements were designed to enhance the aesthetic appeal of the traditional pitched roof construction and make the windows stand out against the beautiful red brick exterior.

To fulfil this, we specified our Alkorplan single ply waterproofing system, known for its durability and ease of installation, along with our Skyline aluminium coping system and window sills. The coping system and sills were provided by our sister brand, Alumasc Water Management Solutions (AWMS), ensuring a fully integrated approach with expert support and coordination from a single trusted supplier.

Solution

Our Alkorplan system was the ideal solution due to its proven track record of over 45 years in delivering reliable waterproofing solutions. Renowned for its durability, Alkorplan has been a trusted solution in numerous projects within the social housing sector. Additionally, the system comes with a robust 20-year warranty, offering

long-term protection and peace of mind to the client. This combination of proven performance and comprehensive warranty made Alkorplan the perfect fit for ensuring the longevity and resilience of the roofing solution at Moston Campus.

Alumasc Water Management Solutions, in collaboration with Alumasc Roofing from the early design stage, provided the parapet sloping coping system for the homes at Moston Campus. In addition, we addressed the window sill and head details, which were custom surveyed and manufactured on-site to meet the project's specific needs. All components were designed, produced, and powder-coated to the specific RAL colour in-house, with the powder coating being BBA approved. .

Building Envelope

Moston Campus represents our first successful building envelope project with AWMS for our valued client, Watson Homes. By providing a single-source solution, we streamlined the project with integrated services from Alumasc Roofing and AWMS. This approach provided seamless project coordination, expert support and service from a single supplier, and a comprehensive warranty.

Collaboration

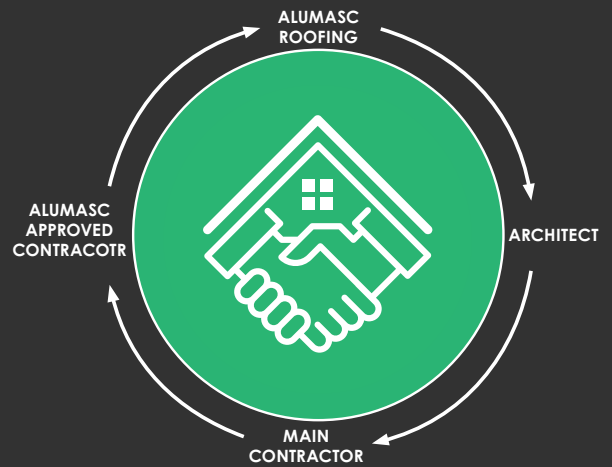
We worked closely with our approved contractor, Enviroply Roofing, who installed the Alkorplan system to a high quality. The remaining installation was expertly handled by the team at Watson Homes. Providing durable, sustainable, and attractive dwellings that future residents will enjoy for years to come.

Project Information

Architect: **TP Bennett**

Main Contractor: **Watson Homes**

Alumasc Registered Contractor: **Enviroply Roofing**



Specified system

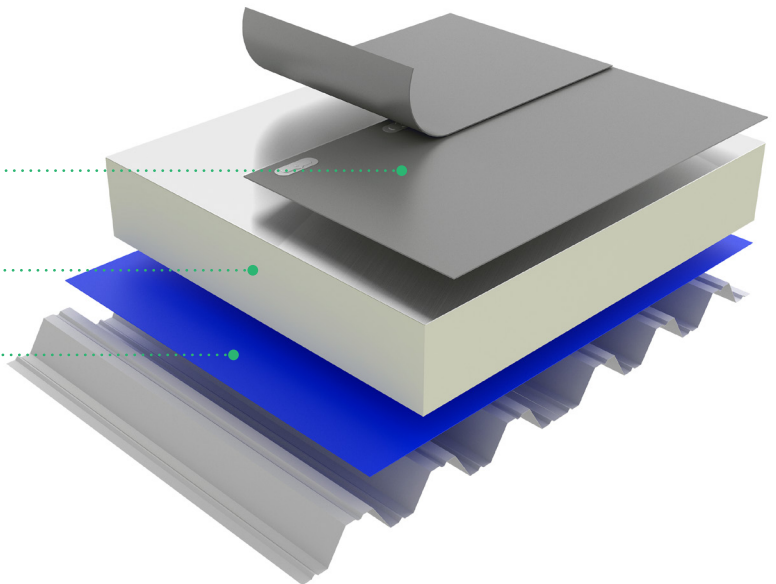
Alkorplan Reinforced Membrane

Alkorplan by Alumasc comprises a range of multi-layered reinforced thermoplastic 1.5mm PVC-P roofing membranes. Fleece-backed membrane for bonded applications and unbacked for mechanical fastening.

Alkorplan by Alumasc Reinforced Membrane

PIR Insulation or Class A fire rated alternative

Air & Vapour Control Layer



Features & Benefits

- ✓ Lightweight, flexible, cost effective
- ✓ Speed of installation
- ✓ Life expectancy in excess of 40 years
- ✓ Warranty cover up to 20 years

Approvals

- ✓ BBA Certificate No. 10/4808
- ✓ Fire classification of B_{ROOF} (t4) in accordance with BS EN 13501-5



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