

## Your Complete Roofing Solution

Environmentally Focussed | Responsibly Sourced | Ethically Driven



# Chatsworth Mill, Manchester

The former Chatsworth Mill site in Gorton, Manchester has been transformed into a redevelopment project dedicated to social housing. The development's thoughtful design prioritises not only visual appeal for passersby, but also long-term satisfaction for its residents.

This comprehensive scheme seamlessly integrates with its immediate surroundings, contributing positively and enhancing the character of the local area. The project will provide a total of 40 homes across four storeys, 16 two-bedroom and 24 one-bedroom apartments, with car parking facilities for all residents.

## Brief

AlumasC Roofing stands as the preferred supply chain partner for Watson Homes. Over the past 18 months, a collaborative effort has taken shape, leading to the development of various project-specific specifications that are both technically and commercially sound, while also exuding aesthetic appeal.

When Watson Homes found themselves in need of a roofing solution that was lightweight, durable, and cost-effective, they turned to the AlumasC team. Our experienced technical expert worked closely with the client from the early stages of design to ensure we offered the right solution for their project needs. We did this by providing our 'Total Design Solution'. Creating a project plan to cover all aspects and milestones of the project from brief, solutions design, specification, installation, right through to site management and completion.

Ultimately both parties agreed that AlumasC's Alkorplan mechanically fixed single-ply membrane possessed all the requisite attributes to deliver a successful outcome for the Chatsworth Mill project.

## 100% Waterproofing

Specifically engineered for waterproofing and roofing needs, the Alkorplan reinforced single-ply mechanically fixed membrane finds widespread use in flat or pitched roofs across commercial, industrial, and residential properties. It has proven to be versatile and suitable for various diverse applications, including both new construction and roof replacement projects.

Manufactured from durable multi-layered thermoplastic 1.5mm PVC-P roofing membrane reinforced with a glass fleece, ancillary components, insulation boards and air and vapour control layers (AVCL). Alkorplan has a proven track record of almost 45 years and is subject to the highest levels of certification and testing. These membranes are renowned for their resilience against weathering, further enhanced by their ease of installation. Notably, the impeccable execution of this project was accomplished by our registered contractors Enviroply Roofing in a remarkable timeframe of under 90 days.

The inclusion of "reinforced" in the product's name denotes the incorporation of a reinforcement layer. This innovative layer imparts increased strength and dimensional stability to the membrane, rendering it ideal for mechanically fixed systems.

Given its mechanical fastening method, this type of membrane is purpose-built for secure attachment to the roof deck or substrate, ensuring a robust and dependable roofing system.

Alkorplan membranes primarily serve waterproofing applications, showcasing exceptional resistance to water intrusion, and effectively safeguarding the underlying structure from potential moisture-related damage.

## 40 Years Life Expectancy

Alumasc Alkorplan is specifically designed to provide lasting protection over the long haul. Boasting BBA certification, its durability is enhanced by its resilience against UV radiation, drastic temperature changes, and harsh weather conditions. Exhibiting top-tier fire performance, Alkorplan has undergone B<sub>ROOF</sub> (t4) testing, ensuring that the Alumasc Alkorplan roofing systems are engineered to deliver reliable protection with an anticipated lifespan of over forty years.

Requiring minimal upkeep, Alkorplan stands out as an economical, sturdy, and sustainable roofing solution, making it an excellent fit for the Chatsworth Mill project.

## Support

In our dedication to serving our clients, we offer comprehensive services including the provision of specifications, standard and bespoke detail drawings, U-value calculations, drainage plans, and wind load assessments, all tailored to the agreed-upon solution. We also provide ongoing support throughout the process as needed. Our Site Technician team conducts site visits during the installation phase to track and document progress through regular update reports. This meticulous approach guarantees that all warranty requirements are satisfied.

