



Animate Preston

WATERPROOFING: Hydrotech & Derbigum Mineral

PROJECT SIZE: 3,000m²

PROJECT LOCATION: Preston



Your Complete Roofing Solution

Environmentally Focussed | Responsibly Sourced | Ethically Driven



**ALUMASC
ROOFING**

Animate Preston



Project Overview

The site of Preston's former indoor market has seen a recent transformation designed to inject new life into the economy of the city's Harris Quarter. Animate is a flagship £45million cinema and leisure complex, spanning an impressive 100,000 square feet. It represents Preston City Council's largest ever investment in the city centre.

The project was delivered in partnership with Maple Grove Developments and the Eric Wright Construction Group, with the design concept realised by Leach Rhodes Walker Architects. Animate was partly funded with a share of the £20million Preston Town Fund, and results in the city's largest leisure attraction. It is anticipated that Animate will bring increased visitor numbers, encourage shopper 'dwell time', and fuel the city's nighttime economy.

Visitors to Animate can enjoy the eight-screen Arc Cinema, the 16-lane Hollywood Bowling Alley, numerous eateries serving up a wide variety of global food cultures, and street food outlets housed in the Mad Giant Food Hall. The project's popularity with the hospitality sector was immediately evident when all of the restaurant units were let before the building was even completed. The wider community has also benefitted from jobs, apprenticeships, use of local suppliers, and work experience and volunteer programmes.

Animate promises to be the focal point of Preston's rejuvenation, and is testament to the many years of hard work invested by all parties involved in bringing the original vision to life.

Client Brief

Animate presented various different roof areas across the expansive site. The client required a strategic waterproofing solution from a single-source supplier, to ensure maximum efficiency from specification, through installation to completion. Consistent technical support and comprehensive warranty were also a key consideration in the roofing specification.

Solution

In total, 3,000m² of Hydrotech hot-melt waterproofing was installed by Alumasc's registered contractor, MAC Roofing & Contracting, across all of the large concrete deck areas spanning the entire Animate site.

Hydrotech is a hot-melt monolithic membrane applied in a liquid state, creating a seamless finish and containing 30% recycled content. BBA and ETA certified, the system achieves a fire classification rating of B_{ROOF(t4)}, and is renowned for its exceptional performance and longevity, with over 50 years of proven global use and zero product failures. Suitable for new build applications, including designs to zero falls, Hydrotech is engineered to last the lifetime of the building structure, whilst supporting sustainability.

On the smaller upper roof areas, lift overruns and stairwell roof, a total of 150m² of Alumasc's Derbigum Mineral roofing system was installed, whilst Caltech QC Detailing, also from Alumasc, was utilised for several box details.

The successful track records of these trusted Alumasc Roofing systems, together with Alumasc's 30-year warranty, will safeguard the client's significant investment for the full service life of the roof.

Team Work

As with most new build projects, early engagement and complete transparency were essential to ensure the correct waterproofing solution was specified. A trusted, collaborative relationship with Leach Rhodes Walker Architects and Eric Wright Construction was maintained throughout the entire project lifecycle, from initial design and on-site support, to handover and aftercare.

MAC Roofing's experience with Alumasc systems enabled them to provide essential input regarding the suitability of different products on specific roof areas; and the high quality of their installation will optimise product performance for years to come.

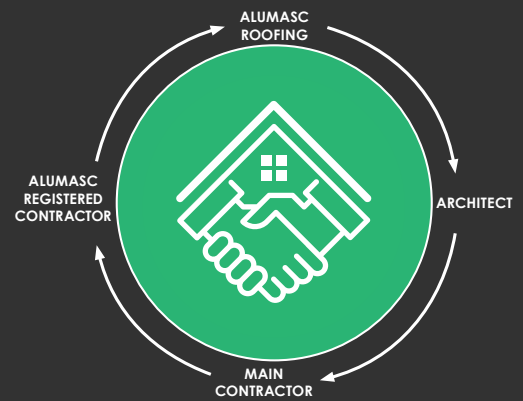
As a team, we provided comprehensive support and maintained regular communication and coordination at every stage, reviewing key milestones and delivering a robust, all-inclusive waterproofing strategy across the Animate complex.

Project Information

Architect: **Leach Rhode Walker Architects**

Client: **Eric Wright Construction**

Alumasc Registered Contractor: **MAC Roofing & Contracting**



Specified system

Hydrotech

Hydrotech is a special formulation of refined asphalts and synthetic rubbers with 30% recycled content. It has an unbeatable track record of more than 50 years and is subject to the highest levels of certification and testing. Applied in a liquid state to the substrate the bond is 100% absolute and seamless.

Surface finishes of choice

LO-k Water Flow Reducing Layer (WFRL)

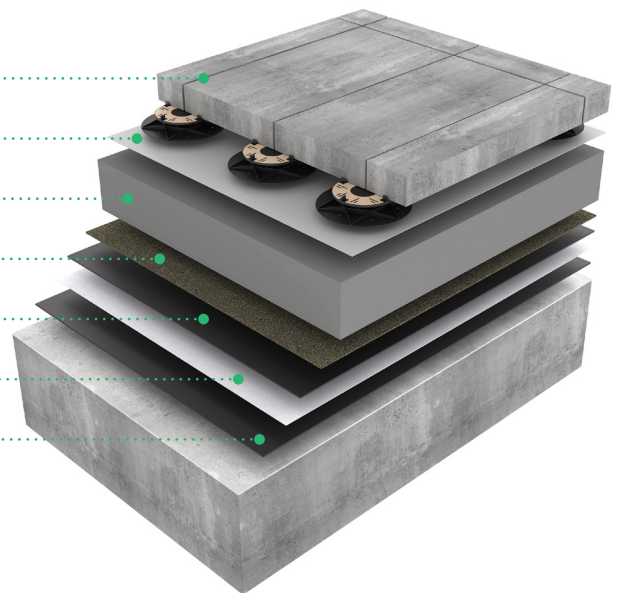
XPS Insulation or Class A fire rated alternative

Hydrgard Protection Sheet

Hydrotech MM6125

FlexFlash F (polyester reinforcement)

Hydrotech MM6125



Features & Benefits

- ✓ Completely monolithic, no seams
- ✓ Dynamic crack bridging certified
- ✓ Can be used to designed zero falls
- ✓ Facilitates phased construction
- ✓ Accommodates structural movement
- ✓ Durability - service life of the building
- ✓ Fire classification **B_{ROOF(t4)}**
- ✓ Warranty cover up to 40 years

Approvals

- ✓ BBA Certificate No. 90/2431
- ✓ ETA Certificate No. 20/0907



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**ALUMASC
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Specified system

Derbigum Mineral Membrane

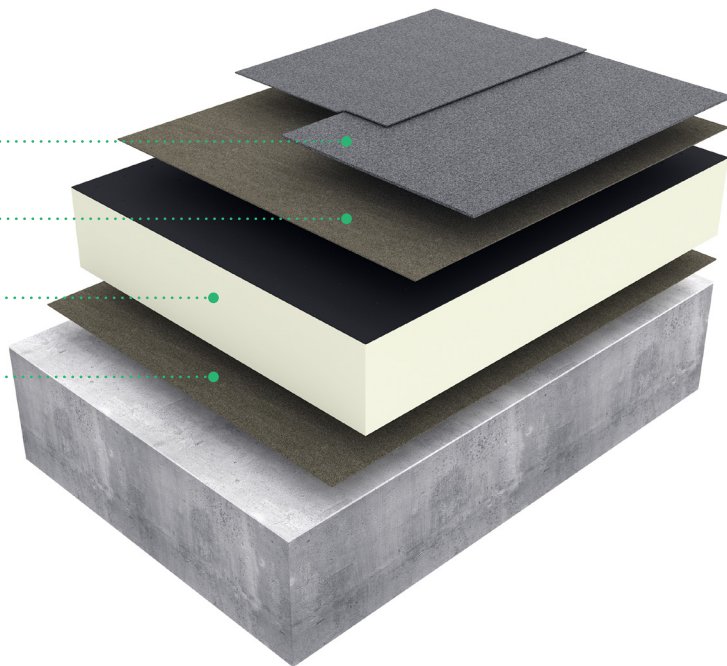
Derbigum High Performance Roofing Systems comprises of premium range of reinforced APP polymer modified bituminous waterproofing membranes, underlays, insulation boards and air and vapour control layers (AVCL). Derbigum has a proven track record since 1967 and is subject to the highest levels of certification and testing.

Derbigum Mineral

Torch-On Underlay

PIR Insulation or Class A fire rated alternative

Eurorof Torch-On AVCL



Features & Benefits

- ✓ Flexibility of product specification
- ✓ Robust, proven durability
- ✓ Life expectancy of at least 50 years
- ✓ Warranty cover up to 35 years

Approvals

- ✓ BBA Certificate No. 86/1593
- ✓ Fire classification of B_{ROOF} (t4) in accordance with BS EN 13501-5



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