



Project Alpha

WATERPROOFING: Derbigum Black

PROJECT SIZE: 2,600m²

PROJECT LOCATION: Liverpool

Your Complete Roofing Solution

Environmentally Focussed | Responsibly Sourced | Ethically Driven



**ALUMASC
ROOFING**

Project Alpha, Liverpool

Project Overview

A major investment from Pharmaron Biologics has seen the completion of their substantial new development at the Estuary Business Park in South Liverpool. Project Alpha marks another milestone in the company's ongoing growth, and forms part of a wider programme to strengthen operations in Speke, where the organisation already occupies two neighbouring facilities.

The newly completed three-storey scheme contributes to a wider campus-style environment that supports both research and production activities. In total, the development extends across approximately 210,000 sq ft and incorporates specialist laboratory accommodation, production areas, office space, a commercial storage unit and an extension to the existing facility. The works also included external improvements to site access, services and parking provision.

The build was delivered by main contractor Caddick Construction, working closely with the client and wider professional teams, to ensure the complex requirements of this sensitive environment were met.

Client Brief

As a regulated viral vector production site, exceptional performance across the building envelope was critical to the project's success. The roof, in particular, needed to deliver long-term durability, resistance to environmental exposure, and a reliable defence against water ingress, to safeguard the sensitive processes and equipment housed below. Certification, compliance, longevity, and strong manufacturer backing were all key factors in the specification.

Solution

To meet project demands, Caddick Construction specified Derbigum from Alumasc Roofing. In total, 2,600m² of FM Grade Derbigum Black cap sheet, and associated system components were installed across the extended roof area, by Alumasc's Registered Installer, Primeseal Roofing.

Widely trusted across the construction sector since 1967, the Derbigum range comprises premium APP polymer modified bituminous waterproofing membranes, underlays, insulation boards, and air and vapour control layers (AVCL). Derbigum carries full British Board of Agrément approval (certificate numbers 86/1593 and 18/5563) and achieves Fire Classification of BROOF (t4) in accordance with BS EN 13501-5.

For Project Alpha, Derbigum Black was chosen for its proven durability and resistance to harsh external conditions. Derbigum Black is an APP/TPO plastomer modified, dual reinforced, self-finished flat roofing membrane which is UV resistant, providing excellent stability, and reducing long-term maintenance demands. It comprises a torch applied cap sheet which is compatible with all conventional roofing substrates on both new build and refurbishment projects. The versatility of the system makes it a popular solution for



a wide range of structural applications, including areas subject to heavy loading such as podiums or trafficked decks, roadways, tunnels, bridges, and underground car parks.

When correctly installed on a stable base and supported by routine inspections, the system is capable of continuous performance in excess of 50 years. It is manufactured using 100% green electricity, and at the end of its life cycle, the material is 100% recyclable.

The Project Alpha installation was backed by a comprehensive 35-year warranty, offering long-term reassurance and reducing future asset risk.

Team Work

Alumasc Roofing is committed to building strong relationships across all project stakeholders, offering tailored support to ensure coordinated, high-quality solutions. This collaborative approach played a key role in the overall success of Project Alpha.

We have an established partnership with structural engineers, Booth King Partnerships, having worked together on numerous projects across the North West. Throughout Project Alpha, we maintained clear and open communication with Caddick Construction, attending design meetings and supporting them in our role as a key supplier, providing guidance across all aspects of the roofing design and system integration. In addition, close collaboration with our registered installer, Primeseal, proved invaluable; with their expertise and extensive experience with Alumasc products ensured the efficient and high-quality installation of the Derbigum system.

Conclusion

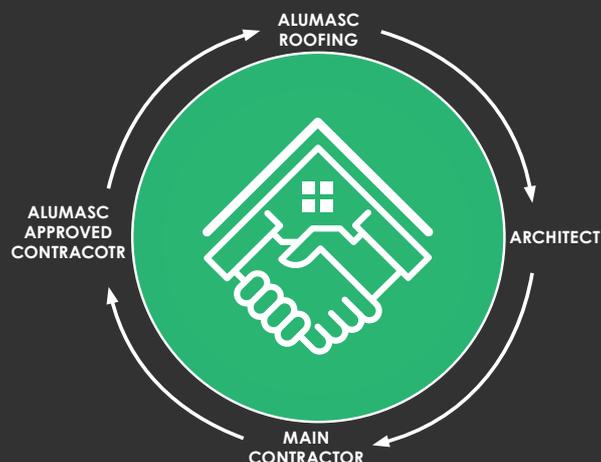
In a project where operational continuity and environmental control are critical, the Derbigum Roofing System provides a robust and future-proof solution, aligning technical performance and support, with the long-term ambitions of the client.

Project Information

Specifier: **Caddick Construction**

Structural Engineer: **Booth King Partnerships**

Alumasc Registered Contractor: **Primeseal Roofing**



Specified systems

Derbigum Black

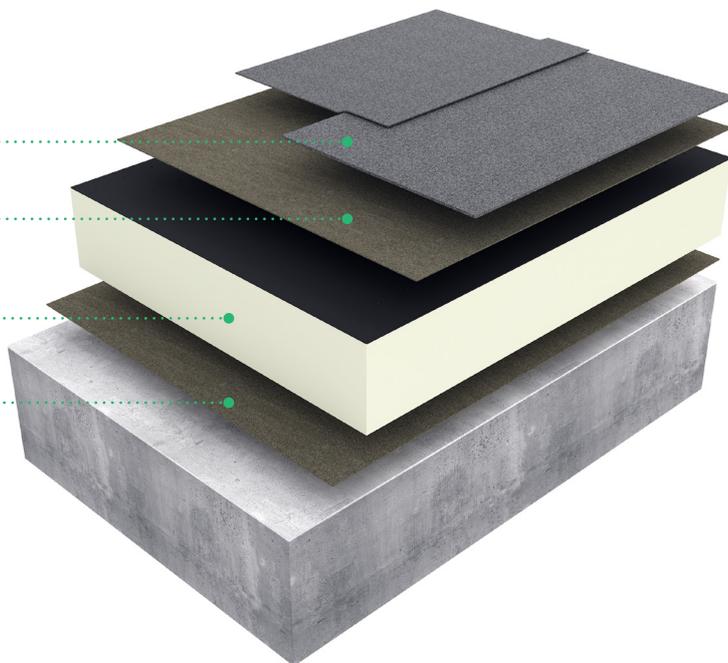
Derbigum High Performance Roofing Systems comprises of premium range of reinforced APP polymer modified bituminous waterproofing membranes, underlays, insulation boards and air and vapour control layers (AVCL). Derbigum has a proven track record since 1967 and is subject to the highest levels of certification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

Derbigum Black

Torch-On Underlay

PIR Insulation or Class A fire rated alternative

Eurorooft 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