



ALUMASC ROOFING

Derbigum + BluRoof = Sustainable Drainage Solutions

Mitigate your risks with Alumasc BluRoofs

Think Stormwater Management - Derbigum BluRoof Solutions



PROJECT SUMMARY

Alumasc BluRoof technical specification, project design, and support service for stormwater management.



PRODUCTS

400m² Derbigum BluRoof built-up system with 150mm thermal insulation.



PERFORMANCE

Alumasc's BBA approved BluRoof solution is designed to alleviate flood risk by attenuating stormwater via controlled discharge over a 24-hour period at roof level and comes with a 35-year warranty.

Need expert advice? Contact us today
contact@alumascroofing.com



First Blue Roof in Wales at easyHotel, Cardiff

easyHotel, Cardiff

A 5-minute hop from Cardiff Queen Street and you'll find the first blue roof in Wales. Upon what was formerly 1960's office accommodation the Cromwell House site has been transformed into an 8 storey, 120-bedroom easyHotel with a rooftop stormwater management system.

Our Design Process

Our clients at Carter Lauren Construction were interested in learning about the benefits of a blue roof to meet planning conditions.

" Working in a compact city centre environment where ground attenuation was not possible, it made sense to install a blue roof. The Alumasc team demonstrated how their BluRoof System attenuates stormwater via controlled discharge over a 24-hour period at roof level." Kevin Jenkins, Surveying Director, Carter Lauren Construction.

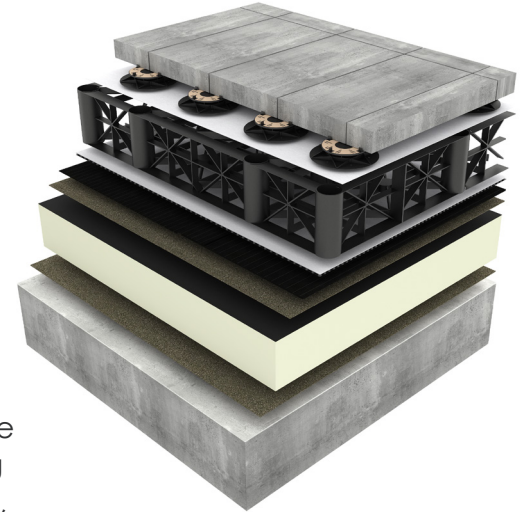
Client Brief and Design

Working closely with the appointed consulting engineer and architect, our team of technical experts designed a solution for stormwater attenuation to comply with planning and meet all other project objectives.

Alumasc's Matt Davies, Area Technical Manager - Mid, West & South Wales commented, "Given the urban location, the Alumasc BluRoof system was the perfect fit in providing a fully warranted single-source waterproofing and sustainable drainage solution."

The Alumasc technical team provided a full specification service and specialist drainage design using key data from the project brief. By incorporating our BBA Accredited Derbigum APP polymer modified bituminous waterproofing system the longevity of the total solution is assured with a proven track record since 1967.

Other key components comprise of a BluRoof geotextile filter fabric, BluRoof interlocking void former, flow control outlets, and overflow system.



easyHotel, Cardiff

Environmentally Focussed Solution

Extreme weather events are now the new normal, says the World Meteorological Organisation. Our rainfall patterns are becoming increasingly unpredictable, and we must plan accordingly to adapt the built environment to help alleviate flood risk.

Partnership

Working with the contractor to construct the first blue roof in Wales.

Kevin Jenkins, Surveying Director, Carter Lauren Construction,

“Matt and the Alumasc team were available throughout the design and installation process. We knew that installing the BluRoof by Alumasc was the right decision for the future of the easyHotel and the benefit to reduce pressure off the drains.”

Safety Performance

The easyHotel has a 35-year warranty for the works and life expectancy of up to 50 years.

About

Easy Hotel Cromwell House, Cardiff - Wales's first blue roof.

Completion: Spring 2021

Main Contractor: Carter Lauren Construction

Architect: Axiom Architects

For more information on our range of roofing solutions, service, and technical expertise

contact@alumascroofing.com

www.alumascroofing.com

