

TRIED, TESTED
TRUSTED

ALUMASC

ROOFING SYSTEMS

Product Overview



- High Performance Membranes
- Cold-Applied Liquid
- Hot-Melt Structural Waterproofing
- Refurbishment Overlays
- Green Roof Systems
- Blue Roof Systems
- Building Services Supports
- Edge Protection Systems
- Flat Roof Accessories

*“A range of roof systems
for all eventualities”*

www.alumascroofing.co.uk

Roofing Systems Overview

Alumasc offers an unrivalled choice of waterproofing and green roof systems, suitable for every roofing application. With BBA certified systems, technical expertise and full warranty packages, Alumasc ensures engineered solutions are available for projects of any scale.

Bituminous Membranes



Derbigum high performance membranes have a proven track record of success stretching back 40 years. With enhanced flexibility, reinforced strength and excellent fire ratings, Derbigum combines lifetime performance with strong sustainable technologies, including new cold adhesives and Derbigum Olivine CO₂ neutralising membrane.

Euroroof bituminous membranes, underlays, vapour barriers and adhesives offer flexible specification options for installation time and cost efficiencies. With options for traditional torch-on, self-adhesive and thermo-adhesive techniques, consistently high performance specifications can be tailored to the project's requirements.



Structural Waterproofing



Hydrotech is the ultimate hot-melt structural waterproofing—with a proven track record dating back 50 years. Hydrotech's unique formulation of modified bitumen, synthetic rubbers and anti-oxidants is enhanced by an additional reinforcement layer to guarantee lifetime performance when specified as the waterproofing for protected roofs, plaza/podium decks, green roofs, water features or access roadways.

Hydrotech has been extensively specified and installed in the UK, including major developments such as Canary Wharf, The Shard and Heathrow.



St Clare's School, Derby



Meadowhall Shopping Centre, Sheffield



Green Roof Systems



Blackdown specialises in plant production, component supply, full system installation and maintenance of extensive, semi-intensive, bio-diverse and intensive roof planting systems.

A holistic approach ensures the long-term success of Blackdown's green roof installations, with the same care shown for plants on the roof as is shown during plant production at the nurseries.

An impressive track record of high profile projects alongside technical expertise and an innovative approach to overcoming problems, ensures Blackdown remains a market leader.



Cold-applied Liquid Systems



Caltech waterproofing systems offer specifiers and installers a versatile range of cold-applied waterproofing solutions for flat roofs, walkways and existing low-pitched sheet roofs.

Suited to both refurbishment and new build applications, Caltech flame-free solutions ensure the integrity of the waterproofing is maintained whilst opening up opportunities for time and cost efficiencies. The Caltech range offers a choice of application methods such as anti-slip surfacing for site safety requirements.

The range also includes low-odour solutions, UV stable and quick curing variants dependant on the project requirements.



Single Ply Membranes

VAEPLAN®

Vaeplan has built up a solid reputation as producer of high-end VAE (Vinyl Acetate Ethylene) synthetic roofing of which the durability has proven itself in practice.

Some of the benefits of our single ply system includes the avoidance of using naked flame and the speed of application, especially useful when meeting school holidays or factory shut down timescales and deadlines.

Because of its vapour permeability, the risk of condensation problems in comparison with other synthetic membranes is astonishing 5 to 15 times less. This comes can be useful if the use of the building changes. The same advantage also applies in the case of captured humidity in the build-up during installation as it dries out up to 15 times faster.



Stormwater Management

BluRoof
STORMWATER MANAGEMENT SYSTEMS

The Alumasc BluRoof system is designed to alleviate flood risk by reducing and controlling the peak rate of discharge from roofs in compliance with design requirements.

This facilitates the temporary attenuation of stormwater up to a prescribed maximum hydraulic head for subsequent controlled discharge over an elongated period of time.

Alumasc BluRoofs apply internationally adopted Sustainable Urban Drainage Systems techniques.



Hovis Factory, Bradford

Roof Cladding Tiles

Based on the classic North American timber shingle design, Airtile offers rooftop quality and style. Airtile has been designed with a unique "hidden-fix" system that enables the product to double as an excellent vertical cladding solution.

The hidden-fix design leaves no nail exposed, preventing rainwater from corroding the nails - a common weakness of traditional vertical cladding. AirTile is available in five colours, and can be fixed from vertical, down to a minimum pitch of 15°.

Airtile
byeuroroof



Monoscreed (Levelling Screed)

Monoscreed is a fast curing PMMA based compound screed (solvent and isocyanate free) comprising of resin + filler + aggregate mix.

The cold applied compound can be mixed at roof level and applied at 3-50mm on concrete decks in order to bring deck levels back to tolerance i.e. zero falls' thus reducing deck deflection/ back-falls.

The compound can also be applied to a slope in order to introduce localised falls.



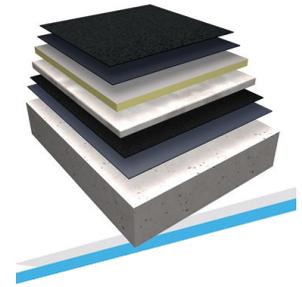
Nottingham Trent University

Warm Roof Vacuum Insulated System



Alumasc Vtherm Vacuum Insulated System is the newest insulation technology for protected warm roofs utilising various Alumasc membranes.

The vacuum insulation panel within the system provides an insulating performance up to five times higher than other more traditional insulation boards and due to the low profile of the VIP board is perfect for projects where there is limited construction depth or problematic spacing.

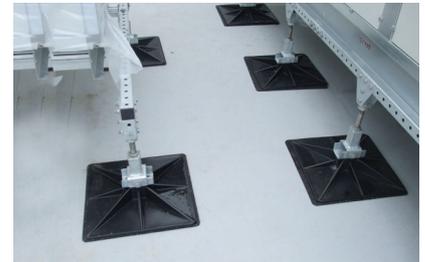


Building Services Supports and Edge Protection



Roof-Pro non-penetrative, free-standing supports for building services are tailored to individual project requirements and are fully warranted. Every Roof-Pro support and/or access solution meets the requirements of the specific roof structure of the project. Roof-Pro systems also ensure that damaging design details to the roof's waterproofing are avoided.

Also available is the Sure-Foot standard range of roof plant and services supports, meeting the growing demand for off-the-shelf, lightweight support solutions. Sure-Foot provide various edge-protection systems that help maintain 'working at height' health and safety regulations and offers solutions that do not compromise the buildings' long term appearance with fold-down systems available.



Arcadian Centre, Birmingham

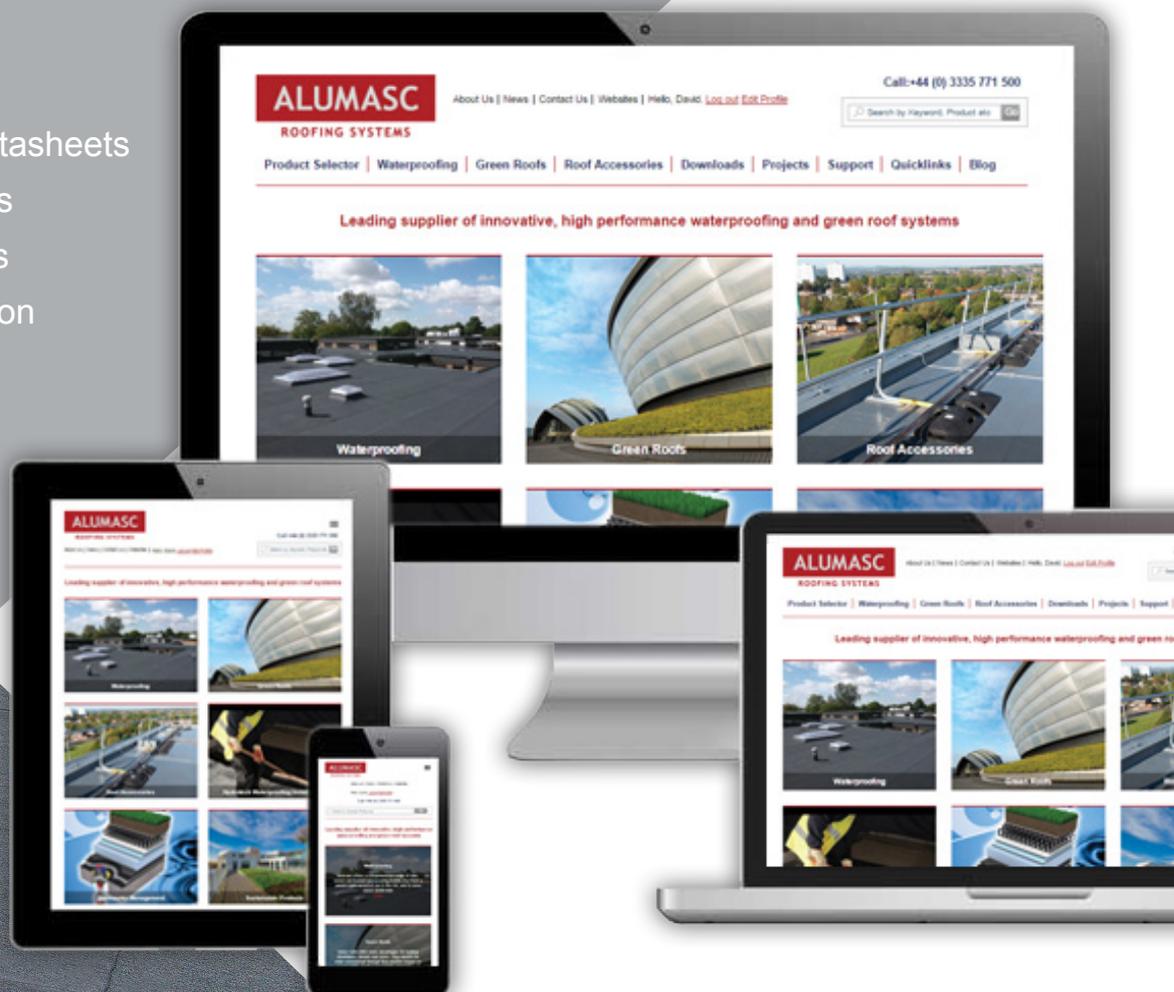
If you are interested in any of our products or services and would like further technical information please contact **03335 771 500**.

Download all the documents you need for your project via any device at www.alumascroofing.co.uk

The Alumasc Roofing Systems Website:

Provides comprehensive technical information on all aspects of Alumasc's roofing and waterproofing systems.

- NBS specifications
- CAD downloads
- Online Calculators
- Product & Safety Datasheets
- Technical Datasheets
- BBA/ETA Certificates
- Supporting Information



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Leader in the specification of high performance waterproofing and green roof systems

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roofing systems

DERBIGUM
MAKING BUILDINGS SMART

HYDROTECH

blackdown
greenroofs

ROOF-PRO
ROOF MANAGEMENT SYSTEMS

Sure-Foot
Modular Support Systems

caltech
liquid roofing system

monoscreed

Airtile

VAEPLAN

AVtherm
VACUUM INSULATED SYSTEM

BlüRoof
STORMWATER MANAGEMENT SYSTEMS