

Alumasc Roofing Systems Tried, Tested, Trusted





Alumasc Roofing Systems

Proven Products

Alumasc offers a complete range of system solutions to meet the varied requirements of flat roof and structural waterproofing applications.

Next-generation waterproofing membranes, environmentally conscious green roof and blue roof systems, building services supports, rooflights and complementary accessories join together to make up the UK's most comprehensive roofing systems offer, available from a single source.

In today's technically challenging construction projects, Alumasc's complete roofing package simplifies and speeds up every stage of the project. It rationalises design and reduces project lead times and costs, to the benefit of all members of the design team.

Technical Excellence

Alumasc not only supply the products but back them up with an unrivalled survey, technical advice and specification service – assisting architects and designers with preparing project specifications and details, and ensuring the full compatibility of all materials and components.

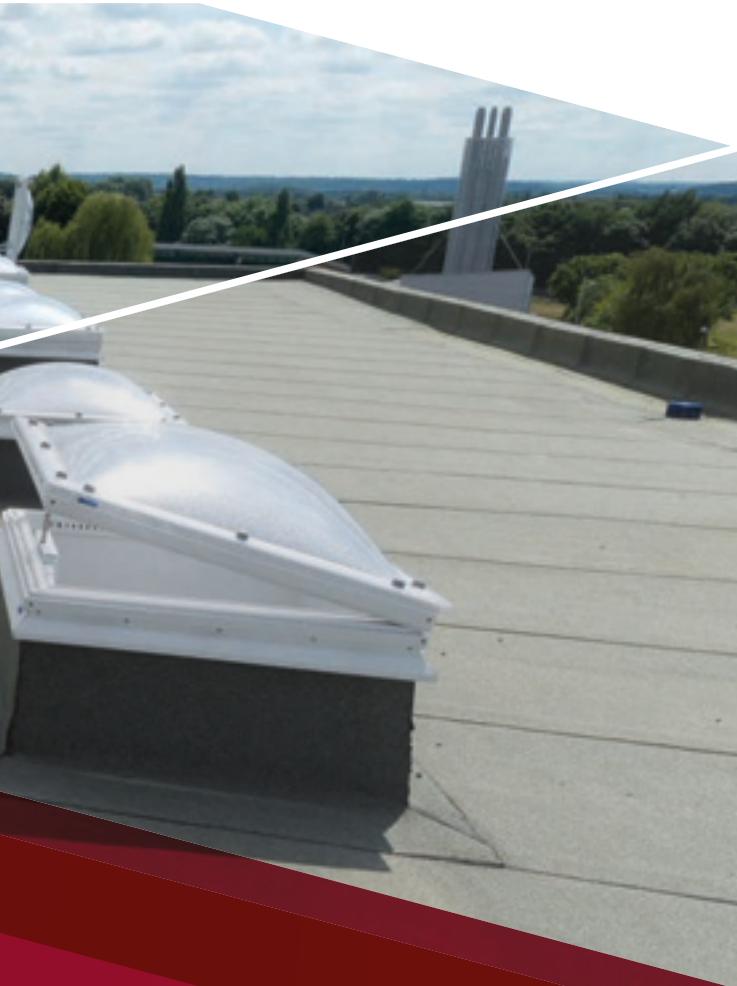
Our service continues during the construction phase and beyond, with on-site technical back-up to our national network of registered contractors, and quality assurance of the finished installation. Full compatibility of products ensures long-term durability and reliability. Extended warranties for materials and installation reassures building owners and clients that the building will remain watertight.

Total Building Envelope

Alumasc has built up unrivalled product and systems strength in those complementary areas which together make up the building exterior.

Alumasc's specification-led range of roofing systems combine with thermally efficient facade systems and high performance rainwater and drainage ranges, to provide a total solution for the building envelope.

For new building and refurbishment, and whether the design is contemporary or traditional, Alumasc can provide an integrated building solution.



The Alumasc Group plc

Alumasc Roofing is a division within the Alumasc Group plc. The majority of the Group's business is in the area of sustainable building products which enable customers to manage energy and water use in the built environment.

The Alumasc business philosophy, which permeates every facet of the Group's activities, is simple - premium products, backed by customer service excellence, providing proven solutions.

Each business within the Group is focused on customer needs, striving to provide solutions and develop the constant improvement that fosters lasting relationships.



World Class Roofing Systems

Alumasc Roofing Systems offer a diverse mix of brands suitable for both new build and refurbishment projects, backed by technical expertise, high quality installation and guaranteed performance.

Alumasc's waterproofing systems, green roofs and complementary ranges can be used singularly or in combination to deliver tried, tested and trusted solutions.



Bituminous Membranes

High performance waterproofing membranes available with extended warranties and the highest levels of project support.

Derbigum systems offer a variety of environmentally beneficial, sustainable characteristics which include membranes with high levels of recycled content, innovative CO₂ neutralising membranes, energy efficient 'cool' roofs and vegetal, non-bituminous solutions.



Bituminous Membranes

A new range of waterproofing membranes that offer faster, flexible installation methods for both refurbishment and new build applications.

The Euroroof range is designed to transform the process of working with traditional bituminous membrane systems, speeding up installation times without compromising the long-term performance of the waterproofing solution.



Hot-Melt Structural Waterproofing

The first choice for zero falls waterproofing on flat roofs, inverted green roofs, blue roofs and hard landscaped podium structures in new build applications.

With no product failures in over 50 years, and guaranteed waterproofing integrity for the lifetime of the structure, Hydrotech offers a total lifecycle solution for the building.



Cold-applied Liquid Membranes

A versatile range of cold applied, liquid roofing membranes that offer a fully adhered, durable yet flexible monolithic waterproofing solution with excellent resistance to puncture, abrasion and chemical agents.

Caltech systems can be applied to flat roofs, communal walkways and balconies, and existing profiled sheet roofs.



Green Roof Systems

Intensive, Semi-Intensive, Bio-Diverse and Extensive Green Roofs offer a variety of environmental benefits.

Blackdown are horticultural experts and offer a single source solution - growing, supplying, installing and maintaining green roofs that comprise of plants ideally suited to the UK's climate. These systems are fully compatible with Alumasc's root resistant waterproofing membranes.



Stormwater Management

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 detention of stormwater up to a prescribed maximum hydraulic head for subsequent controlled discharge over an elongated period of time.



Building Services Supports

Roof-Pro non-penetrative, free-standing supports for building services are tailored to individual project requirements and are fully warranted.

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.

Daylighting Systems

The Alumasc Rooflight range comprises modular domed units, continuous barrels, monopitch glazing and bespoke structural glazing, canopies and lanterns.

All systems are based on lightweight polycarbonate and are available with a wide choice of features, including opening sections, access hatches, security bars and ventilation, each with a number of glazing options.

Alumasc Technical Support

To meet client expectations, Alumasc offers a full technical support service to assist with all aspects of product selection, specification and installation. We offer project-specific technical advice, fully trained, registered contractors that provide right first time installation along with credible, insurance backed warranties.

Specification Service

Alumasc provide designers and contractors an unrivalled level of technical assistance and on-site support for its full range of high performance roofing systems

This includes detailed project specifications, accompanied by thermal and condensation analyses, wind uplift calculations, rainwater flow calculations and drainage falls design.

Warranties

Alumasc warranties provide a wide range of cover levels, dependent on system design and project requirements. Fully insurance backed warranties are available covering product, design and installation.

Product Certification

All products are CE marked and core products carry British Board of Agrément certification. Declaration of Performance certificates are available upon request.

New Build Applications

Alumasc offer a full range of systems suited to new build applications. A dedicated specification team works closely with specifiers, developers and contractors alike to deliver a first class roofing solution.

This ensures full compliance with all regulatory and environmental requirements at the design stage, along with the highest standards of installation.

Refurbishment Projects

Alumasc provide a full site survey and condition report service, including core samples, in order to restore the waterproof integrity of the building. The re-roofing proposal also addresses upgraded thermal insulation levels, improved drainage falls and rejuvenated daylight provision where necessary.

The refurbishment management team will co-ordinate rolling or simultaneous programmes of multiple building, multi-site refurbishment projects to facilitate long-term waterproofing performance, within prevailing budgets and specific time frames.

Installation

Alumasc roofing systems and projects are installed exclusively by Alumasc's nationwide network of trained registered contractors. Site monitoring through to completion, leak testing and final inspection is carried out by a highly experienced team of Alumasc field technicians.

Flame-free detailing and fully flame-free systems are available to accommodate all levels of site safety and risk management.

BIM

Alumasc is committed to having Building Information Modelling (BIM) on all our projects by 2016, in response to the Government Construction Strategy. By working with our architectural and contractor network, and in accordance with British Standards, we have created a BIM library that reflects the most typical systems from within our product offer to ensure consistent delivery of information.

Importantly, by recognising that BIM is likely to evolve, Alumasc is able to offer a bespoke service looking towards future requirements.



Online Support

The following supporting documentation can be found on the Alumasc Roofing Systems website.

- Product Brochures
- NBS Specifications
- Online Calculators
- Typical Details
- BBA Certificates
- Product Data Sheets
- Safety Data Sheets
- Maintenance Schedules

www.alumascroofing.co.uk





Sustainability and Quality

Environmental Strategy

Alumasc actively pursues sustainability in the range of products and systems offered and is committed to continuous assessment of procedures and quality control standards that monitor them.

BREEAM

Alumasc systems score highly in BREEAM ratings (notably in Section MAT5 for responsible sourcing of materials). They contribute to a very good generic rating in the BRE's Green Guide to Specification, capable of an 'A+' rating when installed on timber or metal decks.

Recycled Materials

Innovative production technologies enable the use of up to 30% recycled content in core waterproofing products, and our bituminous membrane systems are 100% recyclable.

Rainwater Management

A valuable contribution to Sustainable Urban Drainage Systems (SUDS) is achieved through rainwater attenuation provision within green and blue roofs, along with clean recycled rainwater run-off from acrylic coated roofing membranes.

Green Roofs

Environmental benefits derived from the use of green roofs include the reduction of the urban heat island effect, reduced levels of pollution, the provision of natural habitat for flora and fauna, and rainwater retention.

Carbon Emissions

CO₂ emissions of buildings are minimised by the use of thermal insulation, reflective 'cool roofs' and CO₂ neutralising membranes. This contributes to the reduction of the greenhouse effect and helps specifiers to meet target emission rates.

Whole Life Cycle

Long-term new build and overlay refurbishment waterproofing solutions, including systems which will last for the lifetime of the structure, greatly reduce life-cycle costs, and minimise requirements for costly land-fill.

Quality Management

Alumasc's Quality Management System is independently audited to ISO 9001: 2008. Alumasc is also accredited to the ISO 14001: 2004 Environmental Management Standard.



70 Years of Innovation

For over 70 years, Alumasc has provided specifiers, designers and contractors in the construction industry with an unrivalled range of innovative products and systems.

Alumasc's holistic approach is demonstrated by a comprehensive portfolio of quality solutions for building exteriors and drainage, available from a single source.

In-house manufacture and partnerships with leading world-class brands guarantee there is an Alumasc solution for both new and refurbishment applications, whether the building is of contemporary or traditional design.

A pioneering approach to product development, a commitment to sustainability and quality, along with highly regarded technical support services and extended warranties ensure that Alumasc remains a leader in its field.

ALUMASC

FACADE SYSTEMS

ALUMASC

RAINWATER SYSTEMS

HARMER

DRAINAGE SYSTEMS

ALUMASC

ROOFING SYSTEMS

Tried, Tested, Trusted

Alumasc Facades

Alumasc is a UK manufacturer of market-leading external wall insulation systems and high performance renders. Thermally efficient systems have been designed and developed over 25 years and utilise a choice of decorative silicone, mineral and polymer-modified renders, along with traditional and acrylic brick slips.

The Alumasc ventilated system is also available which provides a decorative, ventilated solution for timber framed construction, following TRADA guidelines.

Proven experience in both refurbishment and new build projects, along with BBA certified systems, technical expertise and full warranty packages, ensures external wall insulation solutions are available for projects of any scale.

- External Wall Insulation Systems
- Alumasc Ventilated System
- Silicone and Mineral Contemporary Renders
- Traditional Polymer-Modified Renders
- Acrylic and Traditional Brick Slips



Alumasc Rainwater

Alumasc is the UK's leading manufacturer of BBA certified aluminium, cast iron and steel rainwater drainage systems. Expertise and a proven track record in aluminium casting, extrusion and fabrication, as well as iron castings, has accumulated over 70 years, enabling the provision of unrivalled technical support for designers, specifiers and contractors.

Gutter and downpipe systems, suited to both contemporary and traditional architecture, are available in standard designs and sizes, along with made to order, bespoke solutions to meet individual project requirements.

Complementary aluminium fascia, soffit and coping systems offer ideal solutions for use at roofing and gutter interfaces and a rainwater harvesting system is also available to capture, store, filter and reuse rainfall.

- Traditional Rainwater Systems (Aluminium; Cast Iron)
- Contemporary Rainwater Systems (Aluminium; Steel)
- Made to Order Rainwater Solutions (Aluminium; Cast Iron)
- Fascias, Soffits and Copings (Aluminium)
- Rainwater Harvesting Systems





HARMER
DRAINAGE SYSTEMS

Harmer Drainage

Alumasc's Harmer range has led the market for over 40 years, and provides a single source for innovative drainage solutions that are designed to perform and engineered to last.

Fully certified systems range from cast iron drainage pipes to gully drainage and channel drainage.

For internal or rainwater drainage, Harmer systems provide a total solution from roof outlet to below-ground drainage, to ensure optimum efficiency.

Harmer cast iron soil and waste systems, cast iron drainage pipes, floor drains, shower drainage and wetroom ranges facilitate connection of plumbing fittings and allow links to be made with the underground sewer system.

- Roof Outlets
- Soil and Waste Drainage
- Floor Drains
- Shower and Wetroom Drainage
- Back-flow Drainage
- Channel Drains
- Paving Supports



Alumasc Roofing

The market leader in innovative roofing and structural waterproofing systems in the new and refurbishment sectors. High performance roofing membranes, hot-melt monolithic membranes, cold-applied liquid membranes and a comprehensive range of accessories embrace new production and installation technologies, and provide engineered solutions to rainwater management, thermal insulation and daylighting.

Green roof systems deliver a wide range of environmental benefits and make practical use of urban spaces otherwise lost to development.

An unparalleled track record reflects a wealth of technical expertise and support, along with fully warranted, BBA certified systems, ensuring long-term waterproof integrity, energy efficiency and environmental sustainability for all building types.

- High Performance Roofing Systems
- Structural Waterproofing
- Green Roofs
- Blue Roofs
- Rooflights
- Plant Support
- Edge Protection





Associated Alumasc Group Companies

LEVOLUX DESIGNED TO CONTROL

Levolux has over 160 years of experience worldwide, in the design, manufacture, installation and maintenance of high performance solar shading and screening solutions.

Levolux systems are designed to control light, heat and glare. Standard or bespoke solutions are available for use on existing and new buildings, for interior and exterior applications.

www.levolux.com

GATIC

Gatic's reputation as a worldwide leader in the manufacture of engineered access covers and surface water drainage systems has been established for over 80 years.

Designed for use in the construction, transport and utility markets, the Gatic range includes engineered access covers, heavy duty access covers, Slotdrain surface water drainage systems, channel drainage and linear drainage.

www.gatic.com



Head Office

Alumasc Exterior Building Products Ltd
White House Works, Bold Road,
Sutton, St Helens,
Merseyside WA9 4JG
United Kingdom

Enquiries:+44 (0)3335 771 500
Main Reception:+44 (0)1744 648400
roofing@alumasc-exteriors.co.uk



www.alumascroofing.co.uk

ALUMASC
ROOFING SYSTEMS

All reasonable care has been taken in the preparation of this brochure, all information, recommendations and guidance notes on the use of The Products are made without guarantee since the conditions of use are beyond the control of Alumasc Exterior Building Products Limited (The Company).
The customer is responsible for ensuring that each product is fit for its intended purpose and that conditions for use are suitable.
The information contained in this brochure and advice arising there from is free of charge and accordingly on the terms that no liability nor liability for negligence will attach to The Company or its servants in relation to any such service arising out of or in connection with this brochure.
The Company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice.
