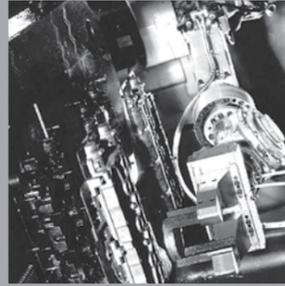
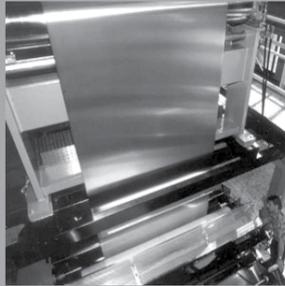


alumasc exterior building products



a unique fusion of premium products, technical expertise and project support

The Alumasc Group



Premium products with premium service, providing proven solutions

The Alumasc Group, of which Alumasc Exterior Building Products is a part, became a public limited company in 1986 and is listed on the London Stock Exchange. The Group has over 1,000 employees, generating turnover of around £110 million through 12 UK based operations, with associated activities in Northern Italy and Hong Kong. Operations are organised into two broad divisions, Engineering Products and Building Products. Each division is focused on its customers' needs, striving to provide solutions and develop the constant improvement that fosters lasting relationships.

In Engineering, Alumasc's precision components company is the leading UK supplier of aluminium and zinc fully-finished diecast components to the automotive, construction, telecoms, lighting, electronics and defence markets. Alumasc's specialist industrial products companies address a number of market sectors, including the international brewing market along with zinc and aluminium alloy supply to the UK and European foundry industry.

In Building, Alumasc is a leading UK supplier of premium products and systems for specification. Alumasc Exterior Building Products Limited is the largest company within the Division. In building interiors, Alumasc is a high-quality supplier of casing and enclosure systems, whilst in construction products Alumasc is a world leader in engineered access covers and linear drainage systems. In 2004, Alumasc acquired Timloc Building Products Limited and Roof-Pro Limited to strengthen the Building Products Division further.

Alumasc Exterior Building Products

Alumasc Exterior Building Products Ltd has been a major force in the UK Construction Industry for over 30 years. During that time Alumasc products and systems have been specified on some of the most prestigious buildings in all sectors, throughout the UK. Highly regarded brands such as Harmer, Apex, Derbigum, ZinCo, Hydrotech, Armaseam and M.R., together with Alumasc's well-known architectural rainwater range are leaders in their respective fields.

Ongoing investment in engineering skills and state of the art technology combined with an ingrained service ethic, provides construction firms, architects, specifiers and building clients with the products, technical support and lifecycle support they require for their projects. Alumasc Exterior Building Products generates an annual turnover in excess of £25 million, primarily by specification, of five distinct but interrelated categories of product and system:

- Rainwater
- Drainage
- Waterproofing
- Metal Roofing
- Façades

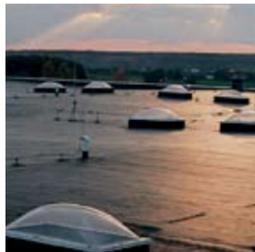
Designed to perform engineered to last

Selection of completed projects include:

Canary Wharf, London ■ Norwich & Norfolk Hospital PFI ■ Limerick University Student Village ■ BMW Rolls Royce Factory, Chichester
Millennium Stadium, Cardiff ■ GHA Housing Improvements, Glasgow ■ Eden Project, St Austell ■ Schiphol Airport, Amsterdam
Museum of Scotland, Edinburgh ■ Central House, London ■ Smaralind Shopping Mall, Reykjavik ■ National Theatre, London



premium products for exteriors and drainage



By a combination of in-house manufacture and highly focused collaboration with other world class brands, Alumasc has built up unrivalled product and systems strength in those complementary areas which together make up the building exterior. Both for new building and refurbishment, and whether the building design is contemporary or traditional, Alumasc Exterior Building Products can provide appropriate product and system solutions.



Sustainability

Helping the wider environment:

In addition to their site specific benefits, Alumasc ZinCo green roofs absorb environmental pollution and provide biodiverse habitation.

Energy conservation:

Alumasc thermally efficient façades and roofing systems minimise a buildings' energy requirement, and their installation can help extend the life of existing buildings.

Recycling and renewability:

Aluminium and cast iron - used extensively in Alumasc rainwater and drainage systems - score highly in recycleability. Both are 100% recycleable in that the recycled material suffers no loss of properties, and the recycling process uses only around 5% of the energy required during primary production. Cork insulation and mineral render aggregates are amongst the Alumasc range of natural renewable material options for specific product applications.

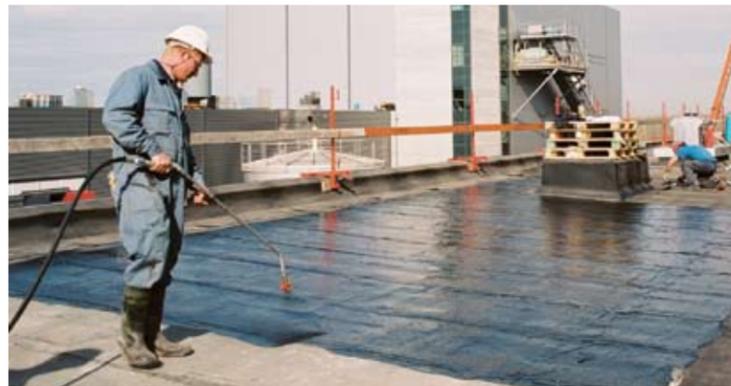
Credentials and quality assurance

Alumasc Exterior Building Products Limited has a quality assurance management system which complies with BS EN ISO 9001:2000 and has also implemented an environmental management system. Individual products and systems are British Board of Agrément certified, and where appropriate have equivalent European/US accreditation. Alumasc is an active member of all relevant trade associations.



waterproofing

“A unique combination of world class brands for roofing and waterproofing, all market leaders in their respective fields.”



Derbigum:

The composite sheet waterproofing for single layer and built up applications, with legendary product quality reflected in worldwide usage exceeding 550 million square metres. Recipient of the FRA Product Excellence Award 2004 and BBA Certified for 30 years' lifespan.

Hydrotech:

The monolithic waterproofing for concrete structures, BBA Certified for lifetime performance whether used for protected roofs, plaza decks, green roofs, water features or access roadways.

ZinCo:

The European market leader in green roof technology combined with Alumasc technical expertise. ZinCo has a worldwide reputation fostered by close links with the FLL, (German based Landscape Development Research Society), the recognised European voice for green roof standards.



Alumasc Waterproofing Systems have been used independently and in various combinations on projects throughout the UK. The main illustration above shows a ZinCo Intensive Green Roof laid over Hydrotech structural waterproofing, on a major City of London development.



façades

“ Façade solutions for the 21st century, combining aesthetic vibrancy with long term weather protection and thermal performance. ”



M.R. Insulated Façades Architectural Render Systems

The Alumascs offer is based on complementary ranges of lightweight and traditional renders and external wall insulation systems, providing long lasting and architecturally vibrant solutions for every building context.

Through the M.R. brand, and more specifically the Swislab system, Alumascs is the leading provider of insulated render solutions for social housing with 4 million square metres currently laid in the UK. The lightweight silicone and mineral render ranges, whether applied directly to solid walls, suspended from the structure as cladding, or used in conjunction with insulation are establishing Alumascs as a leading façades provider in the premium new build sector.



Alumascs M.R. Render and Insulated Render Systems have been widely used on every category of building from small scale structures of complex shape such as the converted water tower shown in the main illustration, to large commercial and residential buildings of more regular configuration.



metal roofing

“A synthesis of engineering and aesthetics providing architecturally powerful roofing solutions in metal.”



Armaseam Standing Seam Skyline Fascia Soffits

Armaseam is the focus of the Alumasc metal roofing offer: a standing seam, zip-up metal sheeting system for curved, pitched or virtually flat roofs, and available in a range of decorative non-ferrous metals including copper and zinc, as well as aluminium and stainless steel. Armaseam is complemented by Skyline - a bespoke fascia soffit system based on a series of bold generic shapes. When used together, Armaseam and Skyline provide architects with almost unlimited scope for the creation of distinctive and innovative roofscapes.



Armaseam and Skyline have been used extensively in combination on large and medium sized projects. The systems individually have also been paired with other Alumasc systems and products. The main picture shows a dynamic stand alone application of Armaseam as tiered, near flat roofs on a prestigious harbour development. The centre photograph shows Armaseam as the waterproofing base for a ZinCo extensive green roof.



rainwater

“ Rainwater collection by design:
a complete range of engineered solutions
to complement both contemporary and
traditional architecture. ”



Architectural Rainwater Systems

Alumasc is the leading UK manufacturer of Architectural Rainwater Systems cast in aluminium, backed up by quality control procedures second to none from design to completion, including in-house powder coating facilities. For the heritage sector, the cast aluminium range is complemented by cast iron and GRP systems. Alumasc is also at the forefront of contemporary design, with state of the art extruded and pressed aluminium systems giving the option of secret fix, and an integrated fascia soffit system incorporating standard gutter profiles.



Alumasc Architectural Rainwater Systems have been used on every category of building, from the football training facility shown in the main picture, to more straightforward building forms of both traditional and modern design.



drainage

“ Total building drainage solutions, from a range of products and systems renowned for engineering integrity. ”



Harmer Engineered Drainage Systems

Alumasc's well established and comprehensive range of products under the Harmer brand provides a unique single source for innovative, market leading solutions across the whole spectrum of rainwater handling and building drainage, with alternative ranges in metal and plastic. Harmer Rainwater Drainage provides a total solution from roof outlet to collection for storage and recycling, or discharge to below ground drainage. Harmer Internal Drainage provides a total solution from connection of plumbing fittings to link with the underground sewer.



Harmer Engineered Drainage Systems when used in combination have provided a total solution to both internal and rainwater drainage on buildings ranging from apartment blocks, hospitals and hotels to large retail, leisure and industrial complexes.



from product selection to project solution... a seamless implementation process



The AlumasC Four Part Business Proposition for building exteriors and drainage is based on integrated delivery of the four key factors that make up a top class systems offer:



Premium Products

A constantly evolving range of quality proven, world class products and systems, fully accredited to UK, European and USA standards.

Technical Support

Comprehensive data for specification and use of all products and system is available in published form, and on the company website. This is backed up by pro-active support on a project basis, led by specialist area managers and using the latest CAD technology including Architectural Desktop and Autocad.

Approved Installers

A rigorously trained and monitored installation network for each specialist system to ensure correct application on site.

Warranties

A comprehensive choice of AlumasC warranties, giving protection for up to 20 years, with the additional option of a pre-paid insurance underwritten warranty, ensuring long term peace of mind.



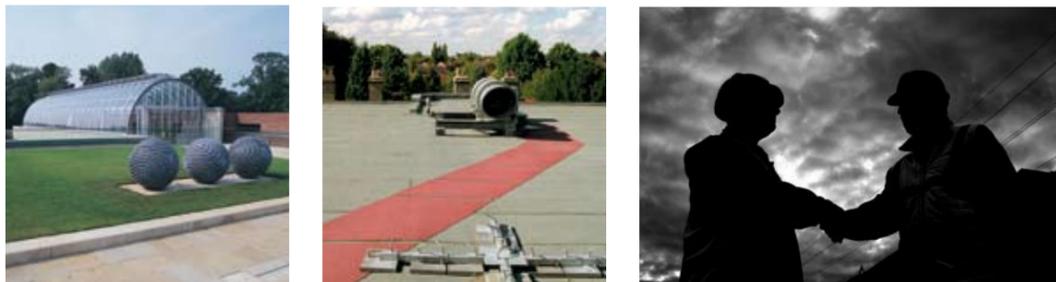
AlumasC Resources

Delivery of the AlumasC Four Part Business Proposition is supported by:



- An enthusiastic and committed workforce backed up by professional management and sales teams.
- State-of-the-art and quality accredited production facilities for aluminium and render products, with a factory finishing capability for the former.
- A carefully developed and nurtured supply chain for world class products to complement the in-house manufacture and to ensure a fully rounded and comprehensive offer for exteriors and drainage.
- A strong research and development capability.
- Technical support for design and costing, based on the latest CAD technology and a comprehensive range of technical literature.

proven solutions with added value ...the Alumasc hallmark



Partnering

As a pioneer in collaborative working as encapsulated in 'Rethinking Construction', Alumasc is committed to working relationships of mutual trust, based on direct and effective lines of communication for all factors affecting the client's business.

- Product design
- Terms of contract
- Logistics of supply
- Dealing with product and operational problems

All Alumasc projects are of equal importance and the client will have the level of contact within Alumasc to ensure that this commitment is realised.



Added value for the building client

A choice of straightforward and comprehensive warranties to provide lifecycle reassurance for the building client. In addition, and where specifically requested, Alumasc will liaise with the approved contractor for the project to ensure that agreed maintenance checks are carried out to schedule and to specification. Seamless implementation through the Alumasc Four Stage Process enables the project specification, maintenance regime and warranty cover to be balanced against risk at the project inception, and formalised into a risk management programme where required.

Added value for specifiers

The Alumasc Four Stage Process offers comprehensive technical support on a project basis, via teams of product specialists assigned to each product or product group. At pre-contract stage the support includes performance calculations, written specification and CAD detailing for the project, and the service is extended to providing general technical advice throughout the contract.

Added value for the main contractor

The Alumasc network of carefully selected and rigorously monitored installation specialists for each product and system ensures compliance with project specifications, compliance with project programmes and general compliance with good working practice on site - thereby ensuring fault free installation to tight programme requirements.



Product Literature

Product literature is available on the following:-

- Alumasc Aluminium Rainwater
Alumasc Traditional Rainwater
- Harmer Engineered Drainage Systems
- Derbigum Single Layer Roofing Membrane
Hydrotech Structural Waterproofing
ZinCo Green Roofs
- Armaseam Standing Seam Roofing
and Skyline Fascia Soffit
- M.R. Insulated Façades
Alumasc Architectural Render Systems

Technical Literature

For technical details on the above range of products there is a comprehensive suite of technical literature

Product and technical literature hotline

0808 100 2008

A unique fusion of premium products,
technical expertise and project support

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 therefrom 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.

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■ Rainwater

■ Drainage

■ Waterproofing

■ Metal Roofing

■ Façades