



Assuredly
ALITHERM

smart
architectural aluminium



Our Pedigree

Smart Systems has over the past 25 years grown to become one of the UK's leading systems company with a reputation for product innovation, design expertise and quality in the Window and Door industry.

Located in Yatton, North Somerset, in an impressive 120,000 sq ft purpose built offices and manufacturing plant the company has an annual turnover of £25 million and employs 70 people.

Smart Systems has a national distribution service with its own dedicated fleet of Lorries making daily deliveries to its network of reputable fabricators and installers throughout the United Kingdom.

Smart Systems is a member of the internationally renowned Aliplast Group.

smart
architectural aluminium



Design for Heat Conservation

Alitherm windows and doors have been designed to reduce heat loss by the use of a thermally broken aluminium frame with a polyamide bridge. The polyamide material has a very high resistance to heat transfer from the inner face of a frame (i.e. inside a room) to the external face of a frame (i.e. outside).

The thermally broken frames provide homeowners with windows and doors that have distinct advantages.

Strength and Durability

are provided by the use of Aluminium sections which gives structurally sound windows and doors for your peace of mind.

Warmth and Comfort

are benefits enjoyed by homeowners because Alitherm windows and doors are thermally efficient and contribute to a reduction in the cost of heating bills.

Elegant Slim Sightlines

are features of the Alitherm windows and doors which are enhanced by an Ovolo, chamfered or square profile edge appearance. Additionally, homeowners have a dual colour option which means having a choice of finishes and colours externally and internally.

Alitherm Windows

The Alitherm range of windows offers all you would expect from a quality system – Greater comfort, better insulation, minimal maintenance, aesthetically pleasing appearance and enhanced security. In short, the Alitherm product range offers you peace of mind but even more it represents a sound investment in your property.

Whatever your taste or style of home, we can offer distinctive window designs to suit. Our unique style of windows are available in a choice of finishes and colours externally including luxurious mahogany and rich golden oak as well as a white finish internally.





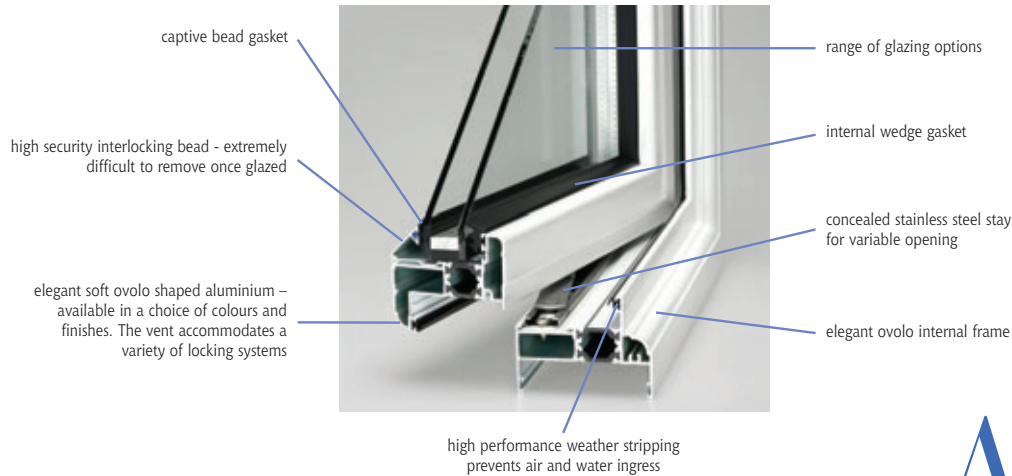
Alitherm Doors

Our handsome range of entrance doors will impress your guests and keep out both the elements and unwelcome intruders. Our Alitherm doors are designed for use as open out or open in, single or double doors, internally or externally beaded with side-light and low threshold options.

Elegant, yet strong and durable Alitherm doors enhance the beauty of your home, keep in the warmth and let in more light because of the slim sightlines. Peace of mind is ensured by the enhanced security provided by a multi-point locking system.



Specifications



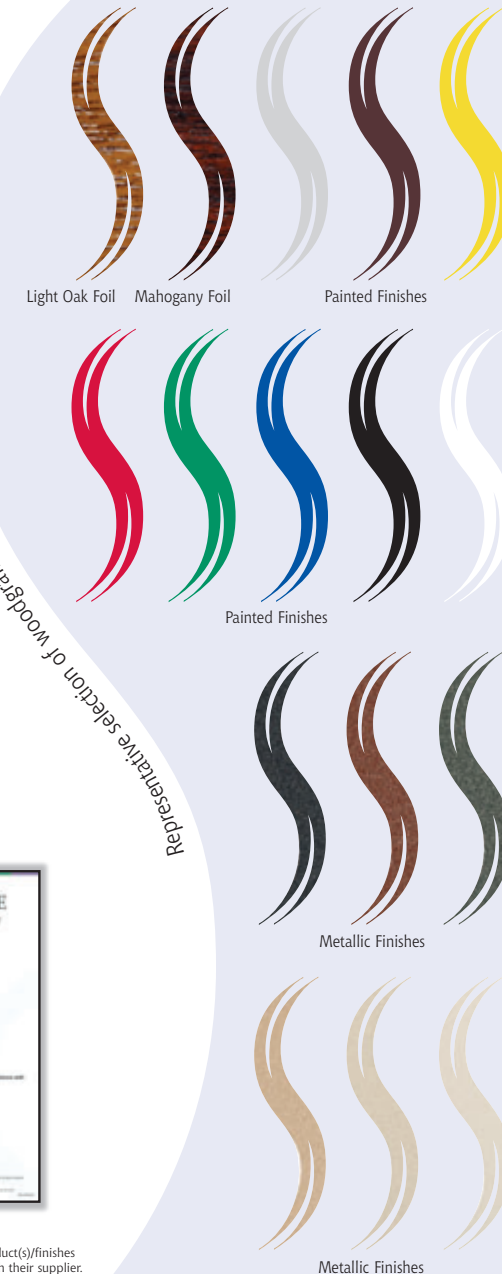
Aluminium Sections to	BS1474 6060/6063 T5
Polyamide	PA 6.6.25% reinforced with glass fibre
Finishes	Polyester powder coat paint to BS6496 in a wide choice of colours. Woodgrain laminate in Mahogany & Light Oak Anodised to BS3987, Grade AA25.
Glazing	External or Internal, aluminium glazing beads and flexible gaskets to BS6262. Beads and gaskets will accommodate a range of glazing options.
Glazing Bead	Clip in aluminium glazing beads to accommodate a range of glazing options
Glazing Gaskets	Internal wedge gasket and Captive bead gasket High performance weather stripping
Locking Mechanism	Windows accommodate internally fitted and face mounted shoot-bolt locking systems
Handles	Key operated locking handles
Hinges	Concealed stainless steel projecting friction
Performance Tests	Successfully weather tested in accordance with BS6375 Pt 1. Complies with Doc. L for thermal transmittance
Kitemark Licences	Smart Systems Limited is the holder of BSI Kitemark License No. KM 81 580 in respect of: BS 7950/4873 Enhanced Security performance of casement and tilt/turn windows for domestic applications. Details of the relevant BSI test reports are available, on request, from Smart Systems Limited. Smart Systems Limited is also the holder of BSI Kitemark License No. KM 81 543 in respect of: BS 4873 Aluminium Alloy Windows

Alitherm Quality



Products/finishes depicted in this brochure are for illustration purposes only. The actual product(s)/finishes supplied may vary in terms of its specification or detail. Customers are advised to check with their supplier.

Representative section of woodgrain foils, painted finishes and metallic finishes available





Exclusively **ALITHERM**

smart
architectural aluminium

Smart Systems Limited
Arnolds Way, Yatton
North Somerset BS49 4QN
Telephone: 01934 876100
Fax: 01934 835169
E-mail: sales@smartsystems.co.uk
www.smartsystems.co.uk



We reserve the right to make changes to the product specification as technical developments dictate and without prior notice.