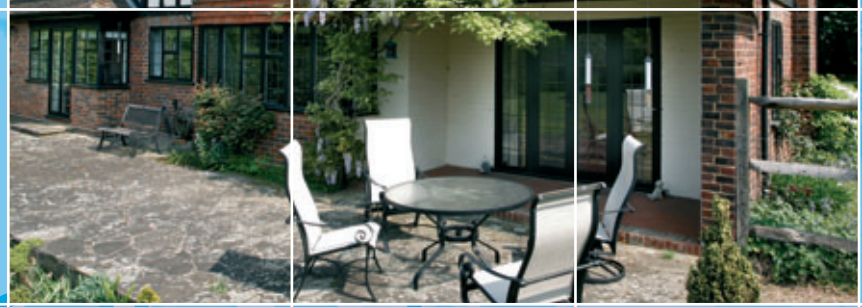






The art of creative living

smart

alitherm windows & doors

Beautiful windows that

complement your home



Designed to conserve warmth & energy



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 & Durability

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

Warmth & 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.







Comfort & style
that suits any home



erm 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.

Alitherm Plus doors are a high performance alternative suitable for use in high traffic or exposed areas where a durable and reliable door is required.

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.

Elegant & secure, Alitherm doors offer peace of mind

Our Pedigree

Smart Architectural Aluminium is renowned in the fenestration industry for our ethos of quality in design and development. Our expertise and reputation has been built from over 30 years experience in designing and supplying quality assured aluminium profile systems to the window and door industry. It is this experience and reputation for excellence that has made Smart Architectural Aluminium the UK's leading supplier of aluminium window & door systems.

Located in Yatton, North Somerset, at purpose built 15,000sq/m offices and manufacturing plant the company has an annual turnover in excess of £30 million and employs over 100 people. Smart's are completing construction of a further 15,000sq/m extension which will include the first aluminium extrusion press and paint line to be built in the UK for over ten years.

Smart Architectural Aluminium is committed to working towards a sustainable working environment, and to ensuring that every aspect of our activities is conducted in accordance with sound environmental practices.

Smart Architectural Aluminium is a member of the internationally renowned Corialis Group.

Your choice of finishes



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.

Alitherm Quality



Specification

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
	Silver 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 both internally fitted and face mounted shoot-bolt or cockspur 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 81580 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 81543 in respect of: BS 4873 Aluminium Alloy Windows.

Quality Standards:

Council for Aluminium in Building

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

Pictures shown in this brochure are for illustrative purposes and are not binding in detail, colour or specification.

© Smart Systems Ltd 2009

Mixed Sources
Product group from well-managed forests, and other controlled sources
www.fsc.org Cert no. TT-COC-002530
© 1996 Forest Stewardship Council



smart
alitherm windows & doors

Smart Systems Limited
Arnolds Way, Yatton, North Somerset BS49 4QN. UK
Tel +44 (0)1934 876 100 Fax +44 (0)1934 835 169
sales@smartsystems.co.uk www.smartsystems.co.uk