



THE ALUMINIUM COLLECTION



Established 1979

Stylish And Superior Quality Products That Are Built To Last



Sun Trade Aluminium...The Finer Choice

Through continued research and development, Sun's range of high quality aluminium Windows and Doors are at the forefront of the aluminium sector. Designed with the slimmest of sight lines and manufactured with industry leading Smart profiles, the system incorporates energy efficient thermal break technology making it ideal for domestic applications.

There are a multitude of reasons to choose aluminium. Homeowners are becoming more aware of the benefits of a slimmer and stronger material for their home. Improvements to aesthetics, thermal performance and value for money makes aluminium the number one choice.

- Elegant Slim Sightlines.
- Wide Range of Colours.
- Thermally Efficient.
- Better Functionality.
- Technical Support Available.
- Strong and Robust.
- Long-lasting Colour.
- Environmentally Friendly.
- Easy to Maintain.
- Comprehensive 10 Year Guarantee.



High Strength

Aluminium, by its very nature, is a strong material that doesn't require additional reinforcements. The superior strength of aluminium allows for larger arrangements.

Thermally Efficient

Our Aluminium range is enhanced with polyamide thermal barrier technology, enabling the windows and doors to exceed the energy performance requirements of current Building Regulations.

Ease of Maintenance

Aluminium is easy to keep looking great and is virtually maintenance free. Modern powder-coating delivers a hard-wearing finish which will last for years.

Better Functionality

Aluminium is a durable substance, therefore windows and doors made from aluminium will continue to open and slide smoothly over many years.

Long-lasting Colour

Powder-coated aluminium is one of the most durable finishes available for windows and doors. It won't discolour, rust or peel, giving it a long-lasting, attractive appearance.

Environmentally Friendly

Aluminium is infinitely recyclable, and when recycled uses just 5% of the total energy needed to produce frames from scratch.



Casement Windows

Exceptional Energy Performance

Our Aluminium Casement Window range offers ultimate flexibility with numerous combinations of top-hung sashes, side-hung sashes, dummy sashes and fixed lights that are ideal for residential installations.

The Aluminium profiles utilise innovative polyamide thermal break technology which creates a barrier between the cold air outside and the warm air inside. This technology significantly reduces thermal transmittance and enhances the overall U Value of a product, allowing our Aluminium casement windows to achieve a Window Energy 'A' Rating when used in conjunction with the correct double or triple glazed unit.

Choose from two styles, Square, our standard style window or Featured, a more traditional profile replicating the ovolo style of a traditional timber window. Both options are available internally or externally glazed.



Square - Contemporary



Square - Contemporary

The square-edged profile of the 'Contemporary' window provides clean, slim sightlines and a modern finish to any home.

System	Smart Architectural Aluminium - Modified 70mm Alitherm 300
Finish	Polyester powder coated
Wer	Up to a-rating using suitable double glazed unit
U Value	Up to 1.4 W/m ² k using suitable glazed unit
Locking System	Espag locking
Frame Depth	70mm
Typical Sightline	67mm
SH Max O/A Width	700mm
SH Max O/A Height	1400mm
TH Max O/A Width	1400mm
TH Max O/A Height	1300mm
Glazing	28mm double or triple glazed or 36mm triple glazed

Featured - Classic-al

The sculptured featured profile of a Classic-al window closely resembles the traditional look of timber windows with slimmer sightlines giving an increased glass area, bringing more light into the home.

System	Smart Architectural Aluminium - Modified 70mm Alitherm 300
Finish	Polyester powder coated
Wer	Up to a-rating using suitable double glazed unit
U Value	Up to 1.4 W/m ² k using suitable glazed unit
Locking System	Espag locking
Frame Depth	70mm
Typical Sightline	67mm
SH Max O/A Width	700mm
SH Max O/A Height	1400mm
TH Max O/A Width	1400mm
TH Max O/A Height	1300mm
Glazing	28mm double or triple glazed or 36mm triple glazed



Residential & French Doors

Our elegant, yet strong and durable aluminium residential or french doors enhance the beauty of a home, keep in the warmth and let in more light due to their slim sightlines.

Open out or open in, our aluminium door range are high performance products suitable for use in high traffic or exposed areas where a durable and reliable door is required. Available as single or double doors, both with internal beading, adjustable hinges, colour-matched flat panels and a double seal, make our aluminium residential and french doors the perfect option for any home.

System	Smart Architectural Aluminium - Alitherm Plus
U Value	up to 1.6 w/m2k using a suitable glazed unit
Security	Multi-point Locking
Max Height	2400mm
Max Width	900mm
Max Weight	80kg
Glazing	28mm double or triple glazed or 36mm triple glazed 24mm double glazed units where bevelled astragal bar specified

Peace of mind is ensured with the inclusion of an enhanced security multi-point locking system on double doors. Security can be further enhanced with additional shootbolts.

All main sections feature an extended Polyamide thermal break that allows the residential doors from the range to achieve a U Value of 1.8 W/m2K when installed with a suitable double glazed sealed unit.

Traditional Look Modern Materials



French / Double Doors

All french doors can open in or out, with the master door on the left or right, with any arrangement of midrails.



Single Front Doors

All front doors can open in or out, left or right, with any arrangement of glass and solid aluminium faced panels.

Single Back Doors

All back doors can open in or out, left or right, with any arrangement of midrails.

Available Colours





Bi-Folding Doors

Creating a True Sense of Space and Light

The perfect addition to any home, bi-folding doors not only offer slim frame profiles and quality running mechanisms, but also enhanced thermal performance.

All profiles feature a polyamide thermal break which enhances the thermal performance of the profile and improves the overall U Value. Profiles feature high-quality EPDM gaskets and weather brushes to aid weather resistance.

Our aluminium bi-folds comply with the requirements of Building Regulations Document L 2010. Security is assured by multi-point lock mechanisms on main opening sashes, and shootbolt locking on floating mullions.

All bi-folding doors within the range have the option of either low thresholds for unimpeded, easy access, or rebated thresholds that offer improved weather resistance.



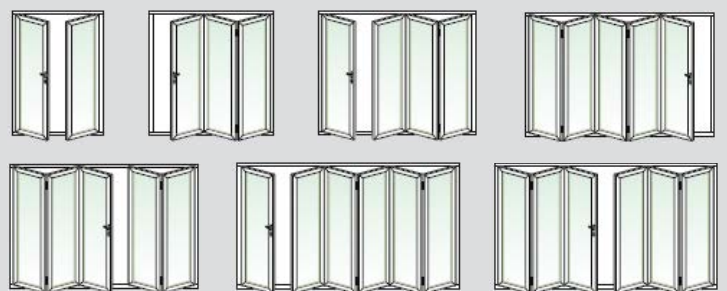


Specification

Choose from panes up to 1200mm wide and 2500mm high, in a choice of opening options. Our bi-folding doors can be designed to suit any opening size.

System	Smart Architectural Aluminium - Visofold 1000
Finish	Polyester powder coated
U Value	Up to 1.4 W/m ² k using suitable triple glazed unit
Security Tested	Pas 24: 2012 enhanced security-rated doors on a three-pane open-out door
Weather Tested	BS 6375 part 1: 2009
Security	Multi-point locking with shootbolt
Frame Depth	70mm
Typical Sight Line	133mm
Max Sash Weight	100Kg
Max o/a Height (Per Sash)	2500mm
Max o/a Width (Per Sash)	1200mm*
Glazing	28mm double or triple glazed or 36mm triple glazed

*Provided sash does not exceed recommended weight limits



Available Colours:



Sliding Patio Doors

Stylish and Perfectly Engineered

The technical design of our sliding patio doors make them ideal for large-span areas and situations where bi-folding doors may not be so appropriate, such as areas exposed to high winds or upper floor apartments.

Made to measure and fitted to the highest standard, our patio doors deliver optimum performance and guaranteed reliability. The strong, thermally efficient aluminium frames create dramatic sliding sashes with large glass areas without compromising thermal performance or weather resistance.

A sliding patio door will offer you the largest uninterrupted glass area and once open doesn't take up room on a patio or balcony, or inside the home.

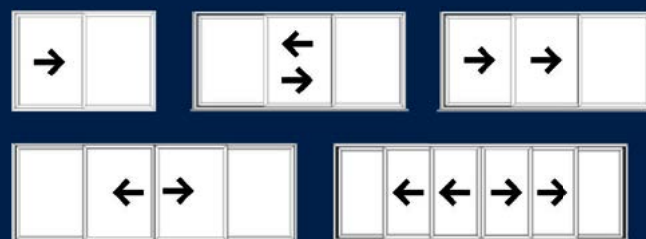




System	Smart Architectural Aluminium - Visoglide Plus
Finish	Polyester powder coated
U Value	Up to 1.5 w/m2k using a suitable glazed unit
Security	Multi-point locking plus individual keeps
Weather Tested	BS 6375 part 1: 2009
Security	Multi-point locking with shootbolt
Frame Depth	99mm or 126mm double track 165.5mm or 182.5mm triple track
Max Sash Weight	200kg
Max Sash Height	2500mm
Max Sash Width	Within above limitations
Glazing	28mm double or triple glazed or 36mm triple glazed
Track	Double or triple dependent on configuration

Configurations Examples:

Available in two, three, four, or six panels, all patio doors are double- or triple-glazed with special sliding mechanisms to enable even the largest sashes to slide open and close smoothly whatever their size.



Available Colours:



Complete peace of mind.

Aluminium Sliding Door profiles have been designed to improve both strength and weather resistance.

All main sections feature an extended polyamide thermal break that allows the sliding doors from the REAL range to achieve a U Value of 1.8 W/m2K when installed with a standard double-glazed sealed unit.



Composite Doors

The Ultimate Contemporary Door

By combining the finest qualities of a composite door, with the premium finish of aluminium, this door is fast becoming the product of choice. This revolutionary new door design turns the traditional look of a composite door on its head and offers an unrivalled ultra-modern finish, luxurious style and delivers a premium finish.

Superior Thermal & Acoustic Performance

Our doors are engineered with security in mind. Each and every door has the best security hardware and is PAS24 compliant. For extra peace of mind, choose from a range of security upgrades including the high-security Ultion lock, and the ground-breaking lock security handle.

Aluminium Glass Surround

Complete the contemporary look with sleek aluminium edging for your glazed sections. The anodised aluminium edging beautifully frames your choice of designer glass designs.

Strong, Safe & Secure

Our Composite Door improves the efficiency of your home with advanced protection from outside noise and the ultimate thermal technology to retain heat in your home and keep the cold out.

Designer Glazing

Carefully crafted glass designs have been exclusively created for the door range.



Contemporary Hardware

An exclusive range of stainless-steel hardware gives our Composite Doors a sleek, luxury finish. All our stainless-steel hardware has a comprehensive anti-corrosion guarantee, so you know your hardware will last the test of time.



Pull Bar

400mm, 900mm, 1500mm



Flat Pull Bar

400mm, 800mm, 1600mm



Lever Handle



Centre Escutcheon



D Bar



Letterplate

Como VX



Glazing: Glazed
Colour: Anthracite



Glazing: Claro
Colour: Midnight



Glazing: Belice
Colour: Black



Glazing: Cresto
Colour: Pebble

Como ZY



Glazing: Claro
Colour: Anthracite



Glazing: Glazed
Colour: Green



Glazing: Cresto
Colour: Black



Glazing: Belice
Colour: Silver Grey

Delio Z3



Glazing: Glazed
Colour: Anthracite



Glazing: Claro
Colour: Black



Glazing: Fora
Colour: Pebble



Glazing: Claro
Colour: Plum

Vico V4



Glazing: N/A
Colour: Silver Grey



Glazing: Glazed
Colour: Black



Glazing: Blanco
Colour: Blue



Glazing: Fora
Colour: Slate



Uncompromising Quality and Service.

For over 40 years we have been at the forefront of the UPVC industry. Continued investment in new sites, machinery and staff year on year ensures that our customers receive the best products backed by industry leading service.

To find out more about any products listed here, or services we provide, feel free to give us a call. We'll be more than happy to help.

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Sun - A Name You Can Trust



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