

ALUMINIUM
WINDOWS & DOORS

The finer choice



eurocell

Welcome to
Aluminium windows & doors

Simply spectacular

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ALUMINIUM WINDOWS & DOORS



Why Aluminium?

*unrivalled
performance
and quality*

Today, aluminium is the go-to choice for those with a taste for high quality, contemporary living, stylish aesthetics and performance. And to ensure we meet the needs of our customers, our aluminium systems are available as:



CASEMENT
WINDOWS



BI-FOLDING DOORS



SLIDING DOORS

What's more, all are available on short lead times and backed by the support of exceptional customer service and hands-on technical expertise. Expertly constructed for unrivalled performance and quality, our beautiful Alitherm 400 range of window and door systems take your options further, with modern design and flexible operation.

ALUMINIUM WINDOWS & DOORS

Get the look you want

designed and built to last



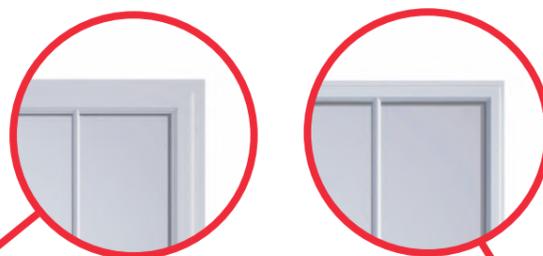
When choosing windows or doors for your home you will want to choose products which are going to look their absolute best both when installed and for many years to come.

Slim window frames are a must to maximise the amount of natural light entering your home, especially in smaller openings or where Georgian bars are fitted.

Compared to a typical UPVC window, the Aluminium window frames are up to 50% slimmer, allowing the maximum amount of natural light into your home whilst giving a finer ultra-slim appearance.

Slimmer frames

The slimmer and stronger aluminium frames increase the ratio of glass to frame therefore letting more light into your home. Clean joints and subtle lines offer an exceptional finish for homeowners to admire.



TYPICAL UPVC



ALUMINIUM

high strength

Aluminium, by its very nature, is a strong material compared to UPVC and doesn't require additional reinforcements.

The superior strength of aluminium allows for larger arrangements which are only possible with timber or UPVC when using bulky profiles and couplers.

Most UPVC bi-folding doors are limited to 750mm width per pane; Aluminium bi-folding doors can accommodate panes up to 1200mm wide allowing fewer and wider glass panes for uninterrupted panoramic views.

For an even larger uninterrupted view, consider the sliding door which can accommodate up to 2500mm width per pane*.



Security and safety features

It will come as no surprise that Aluminium windows and doors incorporate many security features as standard and will defend your home against the most determined intruder.

All windows and doors within the Aluminium range are independently tested by BSI for critical aspects of security. Hinges, locks, handles and glazing are all checked not just once but time and time again for consistency and quality.

In addition to security, a BSI Kitemark proves a product has been tested on an ongoing basis to make sure that standards do not slip or change over time. Our Aluminium range has been rigorously tested, proving they keep the wind and rain at bay; an important consideration for windows and doors in the UK**.

The enhanced security multi-point locking systems designed, developed and tested in the UK to deliver the highest levels of performance, offer homeowners security and peace of mind.

Each lock features a combination of hooks and anti-lift bolts for greater security. Windows have added protection to strengthen hinges.

High-security hinge guards are available on all Aluminium windows and doors for added security. So, in the unlikely event of an intruder attacking the hinges rather than the locks, these devices prevent the door or window from being pushed/pulled open. This is particularly valuable on open-out doors as the hinges are on the outside.

Keep your family safe with restrictor hinges to prevent risk of falls. Allowing the window to open only partially is important for a child's room or low-level windows. These hinges have an override to allow full opening in an emergency.

*Dependent on height and glass weight restrictions – ask your installer for details.
**Certain door threshold options may not be covered by the BSI test regime.

ENERGY EFFICIENCY



Thermal barrier *technology*

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

The polyamide thermal barrier reduces heat loss and enhances the overall U Value of a product, allowing Aluminium casement windows to achieve a Window Energy 'A' Rating when used in conjunction with the correct double- or triple-glazed unit.

The materials used in all products from the Aluminium range have a very high resistance to heat transfer from the inner face of the frame to the external face of the frame, giving improved thermal efficiency and reduced condensation.

Glass *technology*

Low iron

Low iron glass is extra clear and allows a greater degree of solar heat gain making homes feel warmer without the need to turn the heating up.

Low-E glass

Low-E glass is a clear glass with a microscopically thin coating of a metal oxide that allows light and heat from the sun to pass into the building but at the same time reflects heat back in rather than letting it escape.

Solar control

This intelligent glass (also known as 'anti-sun glass') reflects over 60% of the sun's solar energy, controlling the amount of heat entering the home through the glass. This is particularly advantageous for conservatories and large glazed areas such as sliding patio doors, helping to keep your home cooler in the summer.

Achieve optimum energy efficiency

with an all year round living space

Making your room an all-year-round living space...

The goal is to let visible light in, whilst keeping solar heat out in the summer and radiant heat in during the winter. Increasing comfort and offering energy savings for the home.

With energy bills rising, thermal efficiency remains the number one priority when making home improvements. Loss of heat from inefficient windows, doors and roofs plays a major part in the comfort or usability of living spaces (especially orangeries and extensions) and can result in high energy costs.

Designed and engineered with performance in mind, our Aluminium's thermal performance allows for superior thermal efficiency. Whether renovating a living room with a bi-folding door, or building an extension with a lantern roof, you can be sure to create a comfortable living space all year round with Aluminium.

Energy ratings

Windows are assessed by the British Fenestration Rating Council (BFRC) and rated using a familiar A to G scale on the basis of their total energy efficiency, where an A-rated window is more energy efficient than a G-rated window. This rating covers the frame material, the frame design, the glass type and all the other components that make up the window.

Energy-rating performance is calculated using the special properties of the window frame, the glass coatings, and the gasses used in the sealed glass unit.

Each energy-rated window will be supplied with a rating showing its energy performance and could be a valuable factor should you decide to sell your home in the future.



Energy-rated windows tested and certified by the British Fenestration Rating Council



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



CASEMENT WINDOWS



Casement windows

*tailor your options
to suit your home*

From a traditional country cottage to a contemporary town house, our Aluminium range of windows offers style and elegance to suit all tastes.

Ultra-slim frames allow more natural light into each living space and give the best views to the outdoors.

Aluminium Windows are made to measure for your home. Each window is manufactured using the very latest technologies and processes to create the finest finish to your windows.



easy clean hinges

Optional easy-clean hinges let you slide your window open to one side allowing you to easily clean both sides of the glass from inside the home. These have the added benefit of opening to almost 90°, giving an unobstructed view from your room and creating an easy fire exit.

VISO FOLD



Bi-folding doors

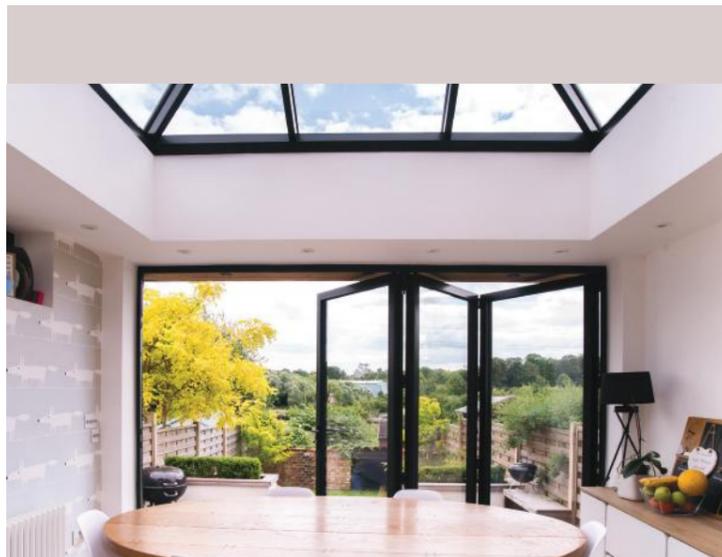
superior panoramic views

Our aluminium bi-folding doors create superior panoramic views all year round from the comfort of your living room, kitchen, conservatory or orangery. By neatly folding and sliding, our Aluminium bi-folding doors allow quick and easy access to your garden.

The large panes of glass present unspoilt views of the outside and allow maximum light into your home.

The style of your beautifully designed and carefully manufactured bi-folding doors are easily matched to the existing style of your home and provide a smooth transition between indoor and outdoor space.

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

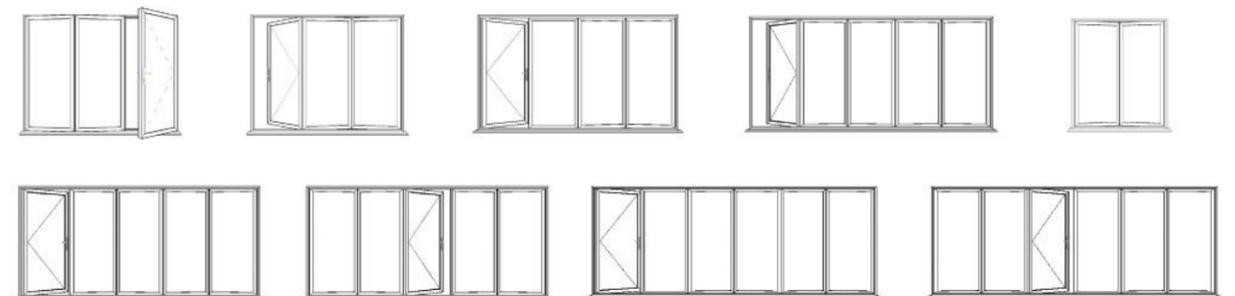


Bi-fold doors offer a choice of opening configurations to suit your needs:

- Fold the doors in or out
- Slide all doors to one side
- Create a single entrance for easy access and have the remaining doors slide the opposite way
- Part the doors centrally to create a double door

beautifully designed

Configuration examples:



Not all configurations have an external handle for access from the outside.

VISOFOLD

*slim, strong,
smooth*

The high strength of aluminium ensures the bi-folding doors are one of the strongest available.

The Visofold bi-folding door frames and mechanisms are designed to give optimum strength and durability to ensure a structurally sound product that requires minimal maintenance to deliver reliable performance over a lifetime of use.

Visofold bi-folding doors run on stainless-steel rollers at the base of the frame. This is an important consideration as the entire weight of the bi-folding door is taken by the track and the smooth running of your doors depends on the quality of these rollers. Thanks to these special rollers even the widest of door combinations can be opened easily without the need for excessive effort.

In most instances, it is possible to have integral blinds fitted within your bi-folding doors.



Magnetic door catch

The bi-folding door leaf is held open by a round magnetic catch attached to folding doors, holding the doors open as they fold.



CHROME WHITE BLACK GREY

Threshold

Our four threshold options let you choose from floor to floor flush threshold, right the way through to a traditional step and provides maximum weather rating for extreme conditions. When a flush doorway is required – for example separating two rooms or for wheelchair access – our low threshold options ensure a smooth, unobtrusive transition.

Trickle vents

In certain circumstances your local Building Regulations will require you to have ventilation slots in your window or door to allow your home to 'breathe'. Your retailer will advise you on the options and requirements.

Multi point Locking

Aluminium bi-folding doors feature two high-security hooks and a dead-bolt to ensure total peace of mind. Upgraded locking systems are available.



Handles

No matter how many handles and locks you have on your Aluminium bi-folding doors, you only ever need to find one key as your door set has 'keyed alike' locks as standard for your convenience.



WHITE BLACK GREY GRAPHITE CHROME SATIN SILVER POLISHED GOLD

Hardware is available in a choice of finishes allowing you to tailor your doors to suit your interior.



Sliding patio doors

flood a space with light

Create a feeling of light and space using an expanse of uninterrupted glass with Visoglide sliding patio doors.

The technical design of the Visoglide 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. 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.

Made-to-measure and fitted to the highest standard, the Visoglide patio doors deliver optimum performance. Tested to the highest industry standards, Visoglide sliding patio doors easily glide

with guaranteed reliability. The strong, thermally efficient aluminium frames create dramatic sliding sashes with large glass areas without compromising thermal performance or weather resistance.

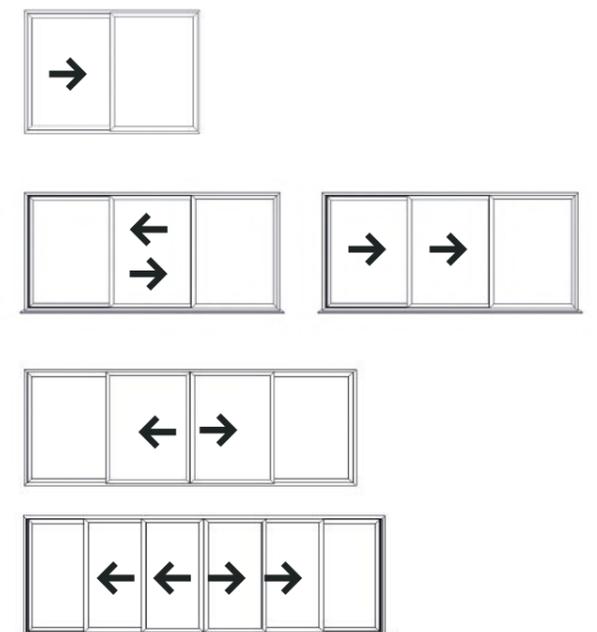
Using advanced glass technology and superior insulation to keep your home warm, Visoglide patio doors form a thermally efficient glass facade, a wonderful way to flood a space with light and enjoy beautiful views.

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 on a double- or triple-track, whatever their size.

Handles



Configuration examples

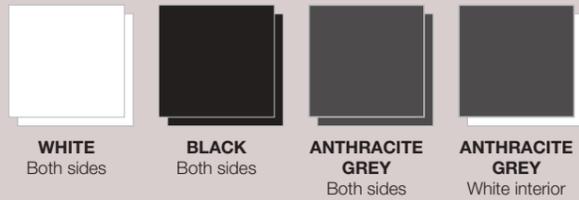


COLOUR YOUR WORLD

Colour your world

with a choice of contemporary & traditional styles

ALUMINIUM WINDOWS AND BI-FOLD DOORS



HANDLES & ACCESSORIES

Use the reference chart below to discover the perfect set of handles and accessories for your home.



		White	Black	Grey	Graphite	Chrome	Satin Silver	Polished Gold	Antique Black
BI-FOLDING DOORS	Lever (straight) handle	✓	✓	✓	✓	✓	✓	✓	
	Locking pop up handle	✓	✓	✓					
	D handle	✓	✓	✓					
	Magnetic catch	✓	✓	✓		✓			
SLIDING PATIO DOORS	Trickle vents	✓	✓	✓			✓		
	Long lever handle	✓	✓	✓			✓		
CASEMENT WINDOWS	Sliding Door D handle	✓	✓	✓			✓		
	Offset handle	✓	✓	✓	✓	✓	✓	✓	
	Monkey tail handle								✓

PEACE OF MIND

Peace of mind

included as standard

Long-lasting colour

Each Aluminium product is powder-coated to give one of the most durable finishes available for windows, doors and roofs. The high quality colour process won't discolour, rust or peel, giving it an attractive appearance for longer. Aluminium is even available with a 'marine grade' finish for those who live near the sea.



25-years guarantee
on the window
and door paint

Guaranteed to last

As a guarantee for the superior powder-coated finish of Aluminium, all products from the range come with superior paint guarantees against peeling, blistering, corrosion, fading and loss of sheen.



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**MADE & RECYCLED
IN THE UK**

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Product specification is subject to change without notification.
Please also note that colours shown are illustrative only, as the printing process does not allow 100% accurate colours to be reproduced.

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