

install excellence in your home

**alimax**  
ALUMINIUM FABRICATION

premium quality aluminium doors • windows • bifold doors • sliding doors • rooflights











## simply superior aluminium

There are so many reasons why Alimax aluminium windows, doors and rooflights are increasingly becoming the product of choice: These days, the enhancement of the profiles we use and the thermal barrier technology has led aluminium to be the go to for architects looking to achieve the best looks and sight lines, yet maintaining strength and durability.

Popularity of aluminium products is increasing year on year and here at Alimax we have the full range of windows, doors and roof lights to suit all properties, of all ages from modern and contemporary to heritage cottages.

It can be confusing when choosing windows and doors, we also know it is a large investment, so it is very important you get it right. Here at Alimax we have a beautiful yet straightforward range of products available in different durable powdercoated colours and different styles to suit and enhance your property. All made in line to satisfy the latest building regulations.



## slim good looks

Although function is very important...so is form, we make good looking windows to suit all property types. Slim line window frames are normally a high priority on the window wish list and at Alimax we can deliver. Our profiles are slimmer than PVCu and timber, due to the inherent strength of the material. Some windows are over 60% slimmer, with some of our frames only 33mm! With less framing, you will have so much more light to enjoy in your home which can only be good for your mental wellbeing, especially during the long winter months.

With so many of us trying to achieve bringing the garden into our living world, here at Alimax we also have the door solutions with slim line framing, to maximise visual impact. Our sliding door vertical sightline is only 35mm!!



up to  
**60%**  
slimmer



## strength

With a high strength to weight ratio our aluminium products have far more scope than timber or PVCu products. We can produce opening windows to larger sizes than PVCu and the limitations on our sliding doors seem endless. Our bifold doors can have door sizes up to 1200mm, so not only perfect in function they let huge amounts of light in.

Here at Alimax we can calculate the strength of your windows and doors is sufficient for your property location, which is key in coastal locations for the products to perform to suit the conditions.





# safety & security

are the priority

Gone are the days of a lever handle locking your window. Now we fit the latest design of espagnollete locking to our windows and multi point locks to our doors. All handles and cylinder locks operate integral gear boxes, to lock the window or door at multiple points. Our aim is to defy the unwanted visitor so you can be safe and secure in your home.

All Alimax hinges, locks, handles and glazing are all cycle and stress tested. Our hardware supply chains are industry recognised and respected. We only use high quality fixture and fittings by approved quality industry manufacturers. Our windows and doors are designed to withstand the most determined intruder.

We know some people require additional peace of mind, therefore, we have additional security options available. Hinge guards can help prevent an intruder trying to jemmy open a window and security glass is an available option on all our products, to prevent the unwanted from simply breaking glass to gain entry.

Our windows are available with restrictor hinges to prevent the risk of falling, especially on low level windows, and we supply escape hinges for bedroom windows to allow the window to open up to 90 degrees, giving the maximum opening sizes to escape through in the case of an emergency.

Our network of quality installers, are able to supply advice for how you should get the ideal specification and expectations met, for your new Alimax windows and doors.





## single and dual colour options

For decades there was little choice in the colour of windows. These days, there is so much choice to get the desired look, with hundreds of RAL colours to choose from. White is still ever popular and looks traditional and fresh, yet anthracite grey brings the contemporary feel to the products, bringing them right up to date. Anthracite grey is the favourite of the greys, as it is so versatile with building material finishes. It looks great against traditional brickwork, stone, render or cladding and the contrast against white aluminium windows looks stunning. Internally, the anthracite finish on doors showcases the product as a focal point of interest for the room.

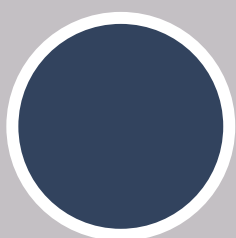


Dual colour is an option, the inside of the doors and windows can be white. This keeps the internal spaces looking fresh and can make the window decoration and wall colour choices easier!

## standard colour options



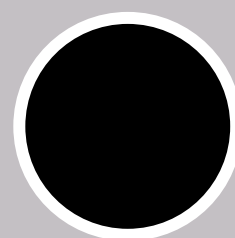
white



anthracite



anthracite & white



Black

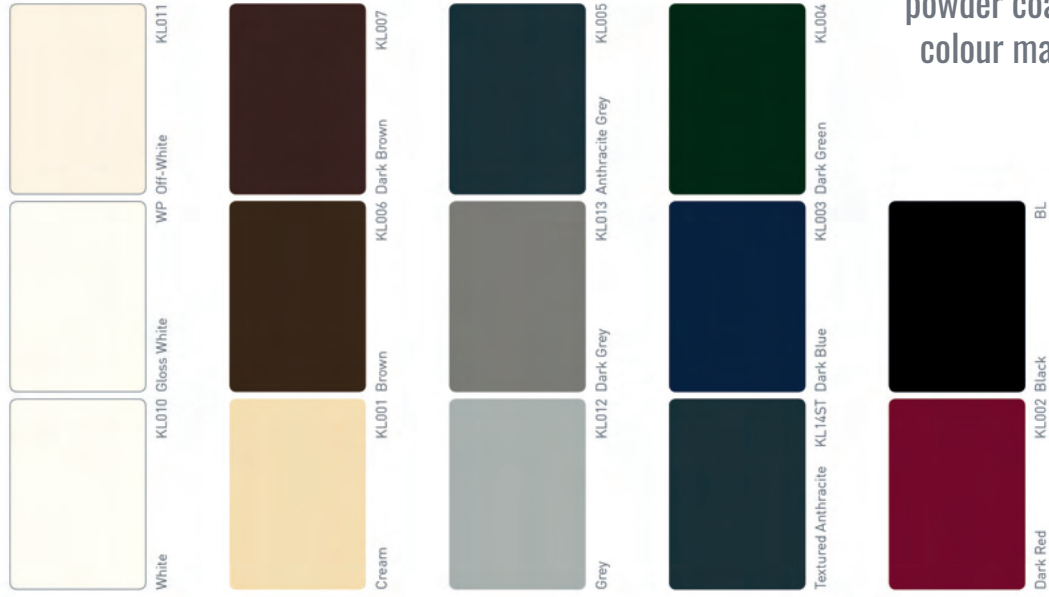




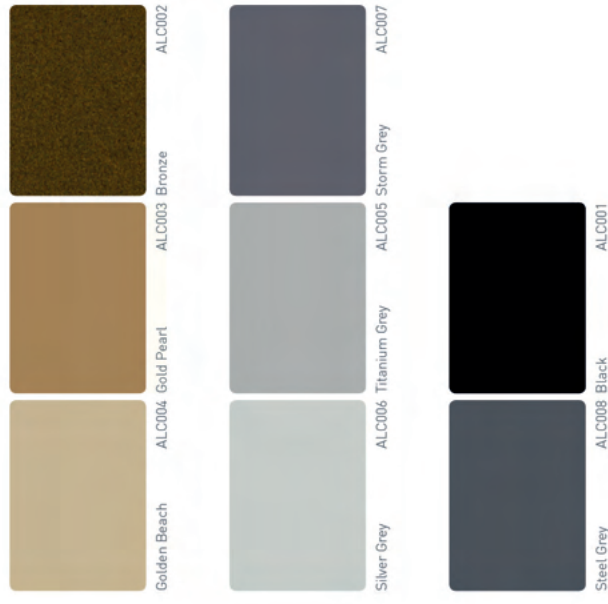
## cotswold



## naturals



## alchemy



## custom created colour options

**creative**  
replicates the appearance  
of anodised finishes

**protective**  
durable, corrosion resistant  
powder coated finishes

**versatile**  
powder coating makes  
colour matching easy

## energy efficiency gains

We all know the importance of being energy efficient, with the ever increasing energy prices and environmental impact we are having on this planet. Alimax products utilise the latest technology in profiles and glass, to meet the ever increasing demands of energy efficiency required to exceed the latest building regulations.

Heat loss is normally measured by the thermal transmittance or U-value, usually expressed in  $W/m^2K$ . In its most basic terms, the lower the U-value, the greater the thermal insulation, however, the amount of free heat energy from the sun, the solar gain or g-value, can also have a big impact. Window Energy Ratings or WERs, which take account of solar gain, were introduced in 2006 and they provide a good indicator of how energy-efficient windows for homes can be. The Window Energy Ratings Scheme is based on a scale of A+ through to G, with A+ rated windows being the most energy-efficient.

All Alimax profiles are made of an outer and inner aluminium extrusion and joined together using a polyamide thermal barrier. This barrier reduces the heat loss through the frame, improves the U value of the product overall and reduces condensation appearing. Combined with a high performing double glazed unit, Alimax windows can achieve an A+ rating, the highest rating for measuring window energy performance.

## positive environmental effect

You will be comforted to know your Alimax window frames are made from the third most abundant material on planet earth and are 100% recyclable, they will not rust or rot and require minimal maintenance. Aluminium is the environmentally friendly choice. 30% of the aluminium in your windows will be from recycled aluminium.





## mining bauxite ore

An average of 80% of the land mined for bauxite is returned to its native ecosystem. Topsoil from the mining site is stored so it can be replaced during the rehabilitation process



up to 75%  
of the world's aluminium  
ever produced is still in  
productive use



## primary smelting

The structure of aluminium distinguishes it from other materials, since it is not affected by melting processes



## primary billet

Over 50% of the western world's primary aluminium is produced from electricity generated by hydro electric power

## manufacture

Alimax has built a solid reputation for both the quality of its products and for its innovation, design and technical expertise

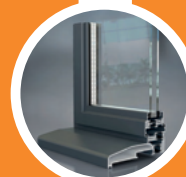


## secondary billet

The incentive for recycling aluminium is energy savings, which amount to 95% compared to the production of primary aluminium



## aluminium enviro friendly lifecycle process



## product installation

The durability of aluminium makes it a material of choice for the construction sector



**recycle** Over 60% of aluminium used is recycled

# alimax window range - contemporary to heritage

## series 1

### contemporary casement



The champion of contemporary designed windows for the modern look. Slick, sleek and flat the Series 1 window exemplifies urban cool and will transform your property into the modern day.



## series 2

### traditional casement



The master of traditional windows. The bevelled edge opening frame is a time served classic. The window for homeowners looking to keep the design of the windows sympathetic to the property originality.





series 3  
flush casement



The king of classic design. Flush fitting opening casements within the window frame exemplify elegance and the finer detail. The perfect look of a timber window without the maintenance.



series 4  
heritage casement



The superior of steel look aluminium windows, Alimax Heritage windows and doors have been designed specifically to meet the requirements of refurbishment and renewal projects.



## series 1

### contemporary casement



The champion of contemporary designed windows for the modern look. Slick, sleek and flat the Series 1 window exemplifies urban cool and will transform your property into the modern day.

These windows are the go to for architecturally led projects with a style synonymous of 21st century buildings and the designs demands of clean flat lines. Or, for homeowners simply looking to bring their home into the 21st Century our Series 1 windows will maximise the contemporary look.

features of alimax windows • building regulations compliant • thermally efficient • high security





## series 2

### traditional casement



The master of traditional looking windows. The bevelled edge opening frame is a time served classic. The window for homeowners looking to keep the design of the windows sympathetic to the property originality.

The go to window for replacing PVCu or timber frames when seeking slimmer sightlines yet still maintaining the original look.

- multipoint locking
- slim sightlines
- various styles
- dummy casements
- top & side opening





## series 3 flush casement



The king of classic design. Flush fitting opening casements within the window frame exemplify elegance and the finer detail. The perfect look of a timber window without the maintenance.

All manufactured with dummy casements for balanced sightlines and putty line beading for the classic finishing touch.

features of alimax windows • building regulations compliant • thermally efficient • high security





## series 4

### heritage casement



The superior of steel look aluminium windows, Alimax Heritage windows and doors have been designed specifically to meet the requirements of refurbishment and renewal projects, particularly in sensitive planning areas.

Ideal for Victorian houses to country cottages or for the discerning homeowner seeking the slimmest of window framing for an Art Deco style.

- multipoint locking
- slim sightlines
- various styles
- dummy casements
- top & side opening







# heritage entrance doors

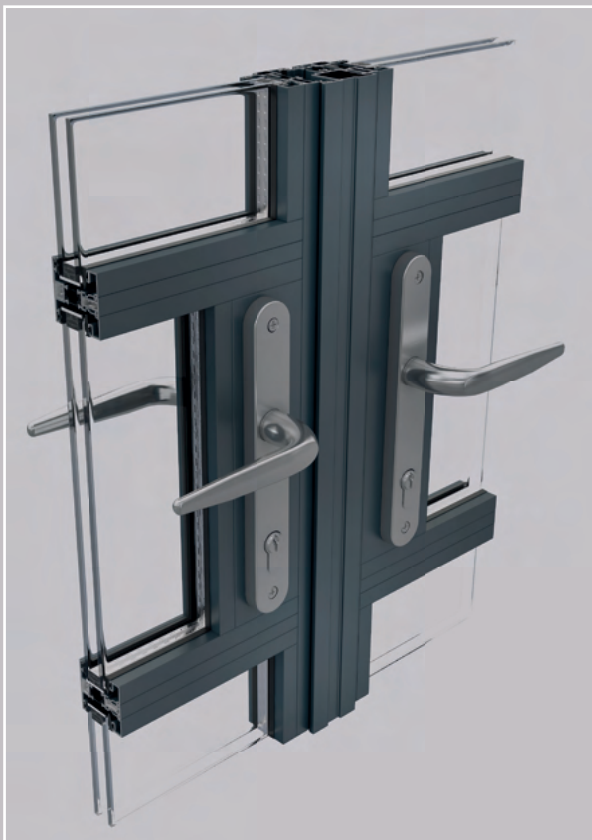
Heritage doors offer the industrial style, suited to the heritage window range. The perfect solution versus steel doors for a timeless design classic. Suitable for both single and double door application, Heritage doors are available in a wide range of sizes and are supplied as standard with multipoint locking and Hoppe lever handles.

Heritage doors are the retro designers choice for the warehouse style,

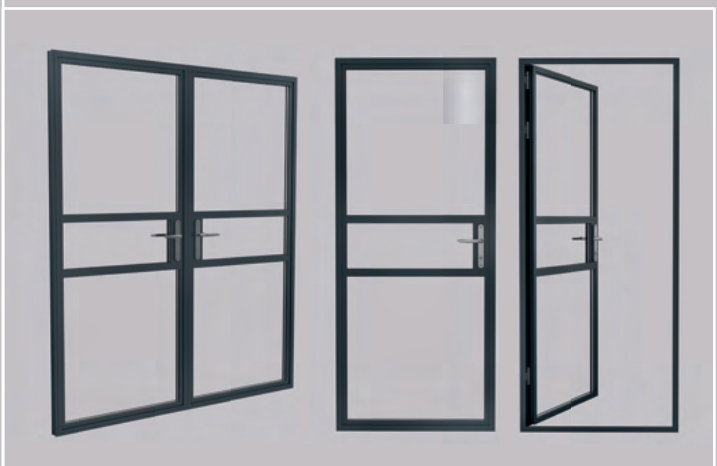
or the homeowners dream to enhance their property and replace current cold drafty steel doors without compromising on aesthetics. All with the advantage of enhanced thermal efficiency, enhanced locking and enhanced safety and/or security glazing.

Heritage doors are often used as internal doors or room dividers to keep the design theme running through the property and to keep rooms as light as possible.





timeless  
design classic





# alimax residential entrance doors



Alimax residential doors join the established Alimax suite of products, providing elegant, robust and high-performance single and double entrance doors, in a range of formats and sizes.

In common with every product in the Alimax range, Alimax entrance doors incorporate innovative polyamide thermal break technology,

which significantly reduces thermal transmittance and enhances the overall UValue of the product.

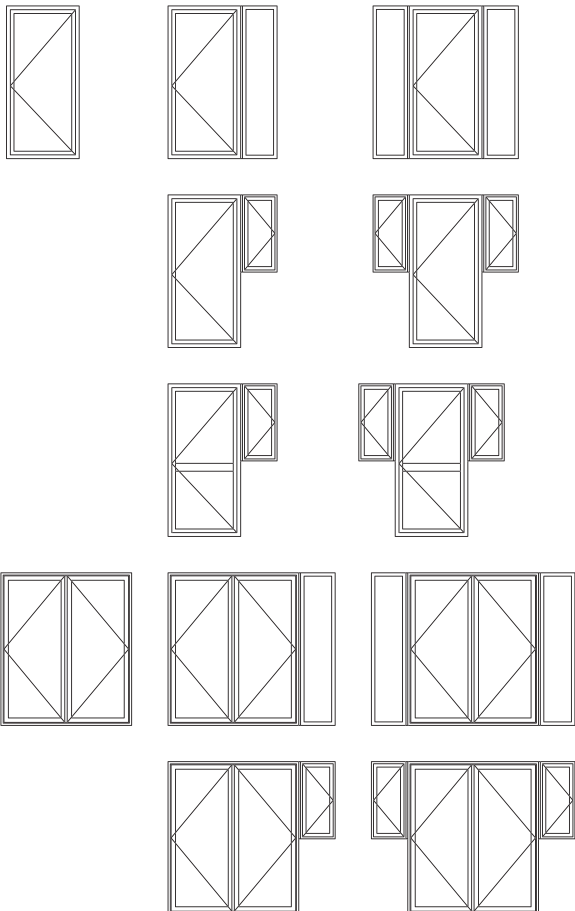
Alimax entrance doors are available in a choice of standard and non-standard colours, with single and dual colour options.

90 degree restrictors are available as an upgrade to stop the doors causing damage when swinging in a breeze.



## alimax entrance door features

- Single and double door options
- Multi-point locking mechanisms
- Double doors feature dual lock mechanisms enabling handles on both sashes
- Adjustable lock keep
- Door sections and hinges are designed with added strength to deliver robust performance
- Internally beaded for both open-in and open-out doors
- Low thresholds comply with Document M building legislation (non weather test certified)
- Alimax doors can be joined to any of the Alimax window range





A modern interior space featuring large, light-colored bifolding doors that open onto a lush garden. The garden has a green lawn, a stone retaining wall, and various plants and trees. The interior has a light-colored wall, a wooden floor, and a portion of a light-colored sofa is visible on the left. The text "beautiful bifolding doors" is overlaid on the image.

beautiful  
bifolding doors







## alimax bifold doors

The flexibility of Alimax Bifold doors, makes them the ideal choice for projects to help integrate your home's external and internal living spaces, offering uninterrupted views.

These highly-versatile, easy-to-operate doors are the perfect option for even the largest project, capable of opening up an entire wall, yet presenting a contemporary, elegant glazed façade when closed. Available in a range of opening configurations to suit any application, Alimax bifold doors can be folded internally or externally and with the opening at the side (so the sashes all fold one way), at one end (to create a single entrance door) or in the middle (to give the option of a double door).

All our bifold door profiles feature a thermal break, to deliver enhanced thermal performance and energy efficiency, and security is assured by multi-point lock mechanisms on the main opening sashes, and shoot-bolt locks on the 'floating' mullions. The doors are available with various threshold options from room dividing low thresholds to rebated thresholds with tested weather resistance.

## strength

Alimax bifold doors are renowned for their perfect combination of high strength and durability, making them the ideal choice for sliding-folding doors, providing slim, elegant designs and outstanding performance against the elements.

Designed and manufactured with a life-span measured in decades, rather than years, together with extremely low maintenance requirements, Alimax has become the brand of choice for home owners looking for impact that will last for years.

## glass options

A wide range of glass options are available for your bifolding doors - with double glazing, self-cleaning, gas-filled, anti-glare, coated, decorative and energy-efficient units just some of the options! Again, your installer will be able to help you with any questions and to select the most suitable product for your home.





## total security

Multipoint locking as standard for your security peace of mind and cycle tested 1000's of times, to ensure that our products continue to perform to the highest standards.

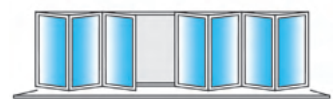
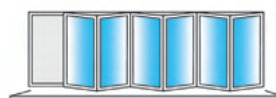
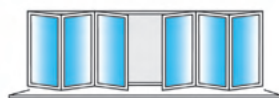
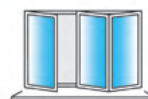
## assurance of quality

All Alimax bifolds are manufactured as complete frames no matter what size. All our doors are extensively tried and tested on a factory rig, to replicate the door installed in your home. In our view, the quality of our bifold doors is market leading for consistency, reliability and durability in terms of materials, product performance and service.

So simple and easy to maintain, with a routine 'wipe-clean' all that is required to keep the products looking their best.



## bifolding door configurations







sensational  
sliding doors







## alimax sliding doors

If you're looking for the largest, uninterrupted expanse of glass, then sliding doors are the right choice. Combining the benefits of a large picture window, which allows light to flood into an internal space, with an easy opening operation, Alimax sliding doors are high quality and highly versatile which is a great option for even the largest project. Delivering outstanding thermal efficiency, these doors offer contemporary styling and robust performance.

## ultra slimline elegance

Choosing sliding doors over bifolding doors increases the glazed area view from your living space, now we have taken it to the next level and have reduced the profiles where the doors interlock together to only 35mm! These Ultra thin profiles, are available also with strengthening options, dependant on your property location.





## versatile

The Alimax sliding doors are highly versatile available in 2, 3, 4 and 6 pane configurations. All Sliding doors open and close in line, with the large door panes stacked one behind the other on either double or triple tracks. These doors will not take up any indoor or outdoor space.

## hardware

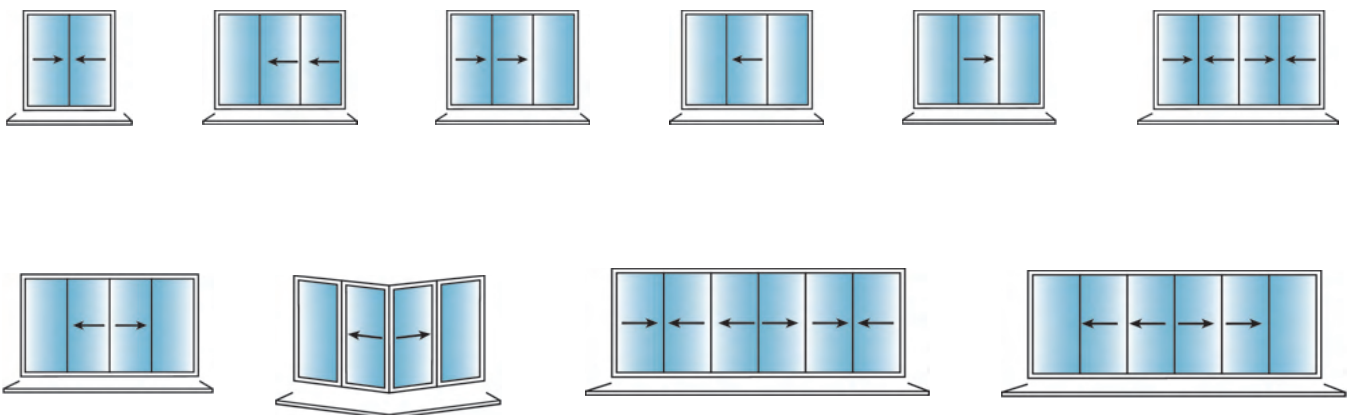
Alimax sliding door handles are made from 316 stainless steel in a high quality satin finish. High in strength and with a long-life performance these beautiful handles separate an Alimax door as a clear standout from others.

## security


A simple wind of the thumb turn lock and the large sliding doors are locked to the highest security standards.



## sliding door configurations







# welcoming entrance doors

## designer doors

Bringing you peace of mind with the most secure doors, from traditional Victorian, Georgian and Edwardian designs to contemporary chic. Designer Doors offer a wide range of designs, colours and styles for you to choose from. Whichever door suits your home, you can be sure of its outstanding performance, with high-quality locking mechanisms and precision construction combining to give unbeatable strength and security.

The choice of glazing and door furniture will have a major impact on the overall appearance of your door. We have a wide choice of fixed side, or head-light glazing combinations, as well as single or double door configurations to make sure the design is just right for your home. Finally, the extensive range of colours guarantees the perfect finishing touch.









## high performance

- 3 adjustable hinges and resistant to 80kg of pressure.
- 66mm triple glazed and laminated glass units.
- All profiles include a polyamide thermal barrier that enhances thermal performance.
- Thermally efficient - with a 'U' value from 0.9 W/m<sup>2</sup>K to 1.1W/m<sup>2</sup>K, dependant on the glass specified.
- Double-rebated EPDM centre gaskets provide maximum weather protection.

## reliable security you can depend on

With your safety and security our priority, we only use the highest quality fittings to ensure the maximum protection for your home and our 10-point locking mechanism is fitted as standard to every designer door.

## high security

- 10-point locking for high security.
- Hardened stainless steel and picking protection pins provide tamper-protection.
- Upper and lower locking pins shaped conically for efficient closure.
- Our laser-cut key profile system prevents the use of any unauthorized keys.
- Horizontal key has a cross groove in the core which can only align with the 10-point spring-loaded pin pairs within the lock.
- ISEO R7 cylinder, anti-bumping and placed 60 mm away from the frame: high security and easy opening.
- Adjustable hinges and lock.



## modern



Amersham



Ashwell



Bloomsbury



Canonbury



Clifton



Eastleigh



Bloomsbury



Falmouth



Hambleton



Highgate



Kingsbridge



Kensington



Pimlico



Lymington



Marlborough



Pembroke



Mayfair



Purbeck



Rushcliffe



Sherbourne



Richmond



Shipston



Teddington



Twickenham



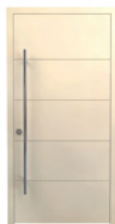
Winchester



Woodbridge



Westbury



Oxford



Oakham

## traditional



Edwardian



Georgian



Regency



Regency



Victorian



Windsor

## cottage



Victorian



Coleford



Axbridge



Churchill



Purton



Somerton

## vintage



Greenway



Elberry





# let the sunshine in

## flat roof lights

Frameless from edge to edge, the Alimax flat rooflights allow the largest amount of light into the room maximising the bright airy feel of your space. Contemporary and stylish in design these beautiful rooflights feature an elegant aluminium subframe and a specialized black glass border. These rooflights are designed to conceal unwanted details when looking down on them from

bedrooms above and giving a stunning clear view of the sky looking up through them.

Installed with a 5 degree pitch to allow water to run off so not to spoil the view. These rooflights couldn't be any easier to achieve the wow factor. Quick and easy to install onto a roof upstand. This upstand will protect it from water overload and ingress.



## glazing

Toughened safety glazing as standard and a choice of solar control options are available - neutral or blue tint to the glass to help keep your home cool in the summer months. Glass thickness will vary depending on size parameters.

## colours

Like all Alimax products you will have the peace of mind of an extremely durable hardwearing powdercoated finish available.

Anthracite Grey / Black

## future proofed by design

A clear advantage to the Alimax flat roof system is that it has been designed such that the glazing unit may be taken out of the frame and replaced, without the frame itself having to be removed, providing a durable, cost-effective and long-life solution.







# let the sunshine in

## alimax lantern roofs

The elegant design of the Alimax Lantern rooflight ensures that the glass area is maximised, allowing light to flood into your home's interior, the Alimax Lantern rooflight is the perfect solution for bright and light welcoming rooms. Sleek and stylish with the architectural refinement expected from a high end lantern roof. All combined with great performance due to its innovative thermally broken system, providing excellent thermal

performance year round - keeping cool in the summer and warm in the winter. The perfect option of choice if you are building a new kitchen-diner extension or replacing an existing lantern roof, the Alimax lantern roof light will help redefine your home, creating light and airy spaces for you to enjoy.



## colour

Like all Alimax products, you will have the peace of mind of an extremely durable, hardwearing, powdercoated finish available with two colour options externally and internally. Bright and light white rafters can be complemented by an anthracite grey external finish, for that contemporary refinement.

- Anthracite grey internally and externally
- Anthracite grey externally white internally
- White internally and externally

## design

Designed to maximise light and available in combinations of 2-way, 3-way, 4-way or contemporary designs, with sizes up to 3m x 6m. the Alimax lantern is so versatile, meeting the most demanding expectations of design from contemporary to traditional, this lantern roof is the go to for modern living.

## glass options

All Alimax lantern rooflights are double glazed with toughened safety glass and have two solar control options available - neutral or blue tint to the glass to help keep your home cool in the summer months. All combined with an argon gas filled cavity, with an internal low emissivity coating to the glass, keeps your home warm in winter.





## hardware and upgrade options - window and door handles

Window and door handles can totally transform the appearance of the entire product. Our window and door ranges are provided, as standard, with a high quality range of handles supplied by German manufacturer Hoppe. All are fully compliant and of high quality, providing excellent security. However, you can also choose to upgrade to our range of blu™ hardware, if you prefer something a little more special for your property.



## window handles

### standard range



white  
satin silver  
gold  
polished silver  
black  
grey



### upgrade range



contemporary handle - stainless steel

regent handle - satin brass

regent handle - polished brass

regent handle - satin stainless steel

regent handle - polished stainless steel

regent handle - black



# door handles

## standard range



satin silver  
gold  
polished chrome  
black  
white  
grey

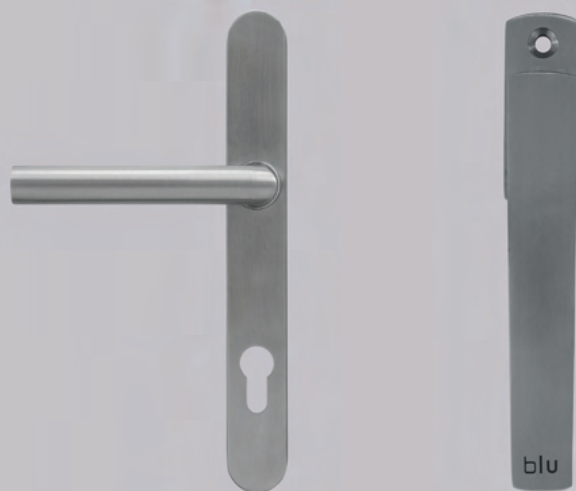


## upgraded range



blu hinged door handle - stainless steel

blu shootbolt handle - stainless steel



## bifold & sliding doors

bifolding 'd' door handle  
bifold shootbolt - satin silver  
bifold shootbolt - black  
bifold shootbolt - chrome  
bifold shootbolt - black  
bifold shootbolt - grey  
blu sliding door handle  
Escutcheon - stainless steel



## door cylinders



standard cylinder



thumbturn cylinder

## stable door handle

blu - stainless steel  
stable door handle





# alimax - design to realisation



**design**  
working with the  
very latest digital  
technical  
software



**manufacture**  
computerised  
machining for  
precision and  
accuracy



**assembly**  
hand crafted finish,  
assembled with  
experience  
and care



# alimax - guaranteed to last



**Powdercoated finish**  
25 year guarantee



**Hoppe handles**  
10 year guarantee



**Blu handles**  
10 year guarantee

Cleaning and maintenance advice is available on our website - [www.alimax.ltd](http://www.alimax.ltd)

ready to take your home to  
the next level with regards  
to efficiency and style?





install excellence in your home



premium quality aluminium doors • windows • bifold doors • sliding doors • rooflights

Alimax Aluminium Fabrication

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