



Advanced

Complete Aluminium Range



An aesthetically pleasing solution

Our aluminium windows and doors can provide many solutions for residential and light commercial applications. They can create traditional casement windows inspired by the elegance and styling of timber products, or contemporary style windows and doors designed for modern homes or offices.

Aluminium frames offer strength and durability and are highly resistant to rust. The frames utilise an innovative polyamide thermal break technology, which creates a barrier between the cold air outside and the warm air inside providing high thermal efficiency.



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Aluminium Window Range

All our stunning windows encompass a timeless design together with high levels of security, energy efficiency and functionality. We offer three different window styles ranging from our slim-line Heritage profile to the modern Flush Casement system.

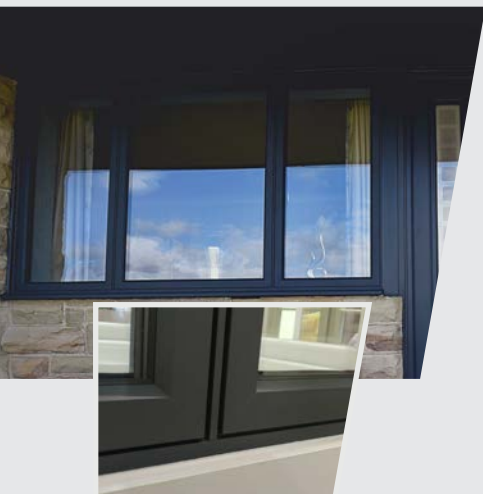


Slim Casement Windows Alitherm Heritage 47 Series

Our Alitherm Heritage range has been designed as a thermally broken replacement for old steel windows. The heritage range is made up of extremely slim hinged casement windows that have been designed to provide high levels of thermal insulation. The main difference between the Heritage range and the Alitherm 800 range is the profile depth; the Heritage profile has a depth of only 47mm, which compared to the standard 70mm seen in our Alitherm 800 range enables you to get a product with super slim sightlines.

Classic Casement Windows Alitherm 800 Series

The Alitherm 800 range is designed for both residential and commercial projects that require the highest quality aluminium products. The range is fabricated using only the best aluminium polyamide materials making it not only very thermal efficient but also a fantastic addition to any property improvement project.



Flush Casement Windows Alitherm 800 Series

Our Alitherm 800 range is available in a beautiful flush exterior appearance. The flush style is a new design that means the window closes flush into the outer frame so it sits in line with the face of the window. The flush style is becoming increasingly popular due to its minimalistic clean lines and flat finish. The flush style is actually a very traditional design dating back more than 200 years. Back then windows were made of timber and they were all designed with flush fitting sashes and this feature is still this day today evident in many Georgian, Victorian and Edwardian properties.



PAS 24 Security Upgrade

Our aluminium windows come with the option to upgrade the security to our PAS 24:2016 security package. PAS 24 is a set standard with specifications as to which our aluminium windows have been tested against. The PAS 24 upgrade includes hinge protectors and anti lifting blocks. The upgrade is generally mandatory on new-build projects.

Window Furniture

The handles are supplied as standard with a key locking facility, however should you opt to have a window with a fire escape opening hinge then the handle will be non-locking as standard. Utilising a multipoint locking mechanism, internal key locking handles and internal beads our aluminium range offers the highest level of security as standard.



Standard window handle



Pear drop window handle

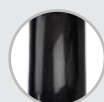


Monkey tail window handle

Standard Handle Colours



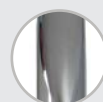
White



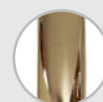
Black



Satin Chrome



Chrome



Gold

Aluminium Designer Doors

Our aluminium doors have been carefully designed to recreate the elegance of both traditional and modern entrance doors, but with that classic beauty our doors also deliver a range of benefits. With modern materials and construction techniques, the doors not only deliver outstanding safety and security, but also class-leading acoustic, weather protection and thermal performance.

The designer doors are our most luxurious doors to date. Whichever door style 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. This unwavering attention to detail extends to the overall quality of your door – and of course to the final lustrous finish, which is applied with meticulous care.

Security

- 'Block door' construction incorporates a totally hidden sash and fixing system.
- Door sashes sit flush internally and externally with the outer frame.
- Lock body is encased and protected by the hidden door sash and external aluminium skin, creating an additional 5mm aluminium external wall.
- High security 10-point lock and escutcheon plate system with drill proof 'anti-bump' cylinder as standard.
- Additional options include fingerprint and key pad entry systems.

Performance

- Fully adjustable lock keep.
- Integrated weather bar.
- 3 adjustable hinges.
- 66mm triple glazed and laminated glass units.
- All profiles include a polyamide thermal barrier that enhances thermal performance.
- Double-rebated EPDM centre gaskets provide maximum weather protection.





Door Furniture

Our design team selected a range of door furniture that would match the quality and performance of the aluminium door, while at the same time complementing its elegant good looks. The range spans from traditional to ultra-modern design, with lots in between, enabling you to carefully select the right accessories to complement your chosen door style. For a complete overview of the hardware available, please refer to our brochure.

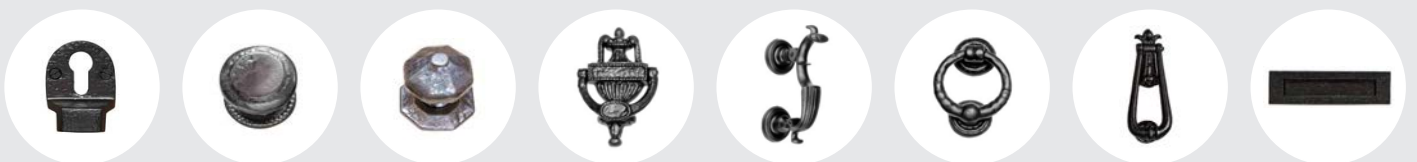
Classic Range



Contemporary Range



Traditional Range





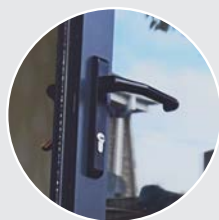
Aluminium Sliding Patio Doors

Our aluminium sliding patio door is suitable for use as either sliding commercial entrances where large opening apertures are required, or as dynamic residential sliding doors that maximise light and give stunning unimpeded views. The sliding doors are the perfect solution for modern and stylish properties featuring advanced technology that is characterised by a slim aluminium frame and large glass units that give you an explicit transition from the inside out. The large panels of glass will inevitably open up your home and provide it with great light filled spaces.

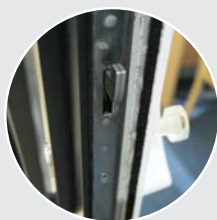
Door Features



D Handle



Levered Handle



Multi-point
Hook Locks



Aluminium Sliding
Mechanism

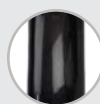


ATK Diamond
Grade Lock

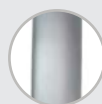
Handle Colours



White



Black



Satin
Chrome

Aluminium Bi-Folding Doors

Our aluminium bi-folding doors are the ultimate way to transform your home. The doors are not only visually stunning, they also utilise the latest technology to achieve outstanding weather performance and security results. The doors are designed specifically around quality, endurance and aesthetics. These beautifully designed, versatile doors are suitable wherever a transformation is required. You can choose between a large variety of door configurations ranging from 2 panels to 8 panels with square or round edge profile options.

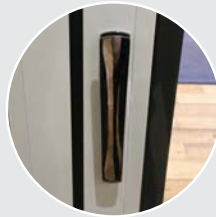
Door Features



Stainless Steel Rollers



Lever/Lever Handle



Intermediate Shootbolt



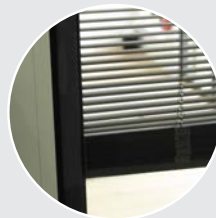
D Handle Hinge



Flush Trickle Vents



Magnetic Catch



Integral Blinds

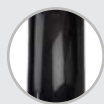


ATK Diamond Grade Lock

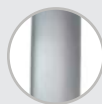
Handle Colours



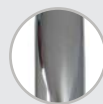
White



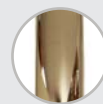
Black



Satin Chrome



Chrome



Gold





COMING SOON

Aluminium Roof Lantern

Our aluminium roof lantern has been developed to deliver all the performance and aesthetic benefits of a modern aluminium solution. Its clean, slim lines provide a strong, durable, secure and low-maintenance solution for orangery roofs. Available in any RAL colour to perfectly match or to contrast with the building's doors and windows. You also have the option specify a dual colour format.

Elegant design & slim sightlines

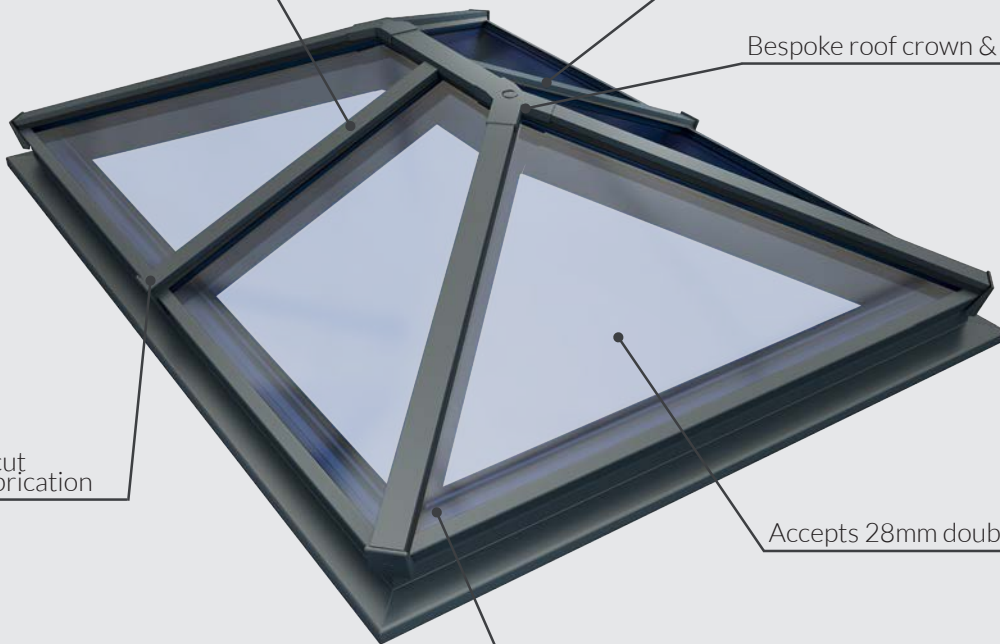
Offers traditional 25° pitch

Bespoke roof crown & brackets

Straight-cut
profile fabrication

Accepts 28mm double glazed units

Option of single or dual colour



Beautifully Engineered

The roof lantern is suitable for both contemporary and traditional designs, new build homes, extensions and refurbishments. Security of the finished system is assured through the use of pressure plates which are secured with anti-tamper screws, ensuring that the roof is strong, safe and secure. The elegant design of the system ensures that the glass area is maximised, creating a light and airy feel in your home, with a minimalist structure to ensure virtually uninterrupted views.



Colour Options

Our aluminium ranges are available in any RAL colour as well as all the Sensations colours below. Our most popular RAL colours are shown below. Sensations colours are achieved by the inclusion of an acrylic powder applied directly into the powder coat paint, which gives the window a premium finish. All finishes are available in a dual colour.

RAL Colours

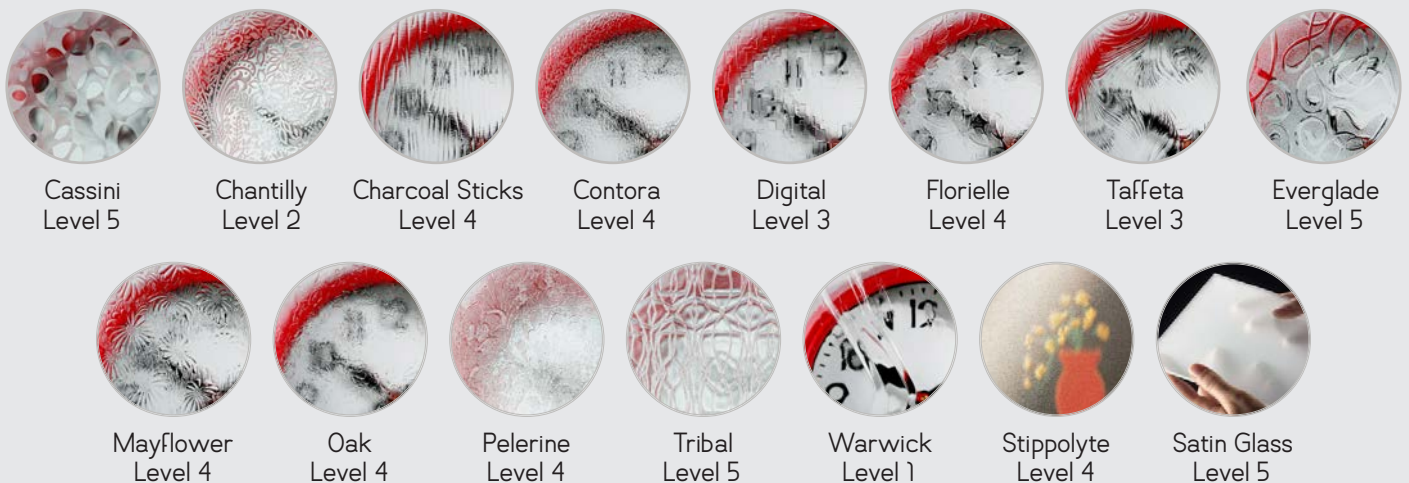


Sensations Colours



Obscure Glass

Obscure glass is typically utilised in bathrooms, shower rooms and other private areas. All our aluminium windows can be specified with a variety of different glass patterns and obscurity levels to suit your needs. Please note that our glazed designer doors feature satin glass units.

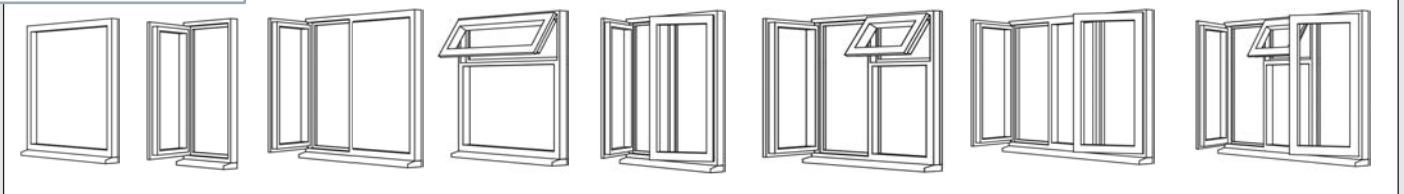




Popular Window & Door Styles

Because every home and personal taste is different, all our products are made to order. Our product experts will be happy to help you choose the right style and shape to create your dream home. If you don't see a style you like or have a requirement for a bespoke solution, please just ask.

Window Styles



Door Styles



Windsor



Regency



Georgian



Elberry



Greenway



Rushcliffe



Richmond



Pembroke



Marlborough



Amersham



Lyminster



Kensington



Sherbourne



Woodbridge



Coleford



Somerton

Technical Information

Our technical information section covers manufacturing limitations and detailed technical drawings. To most people the technical drawings don't make much sense, so if you have any questions our product experts will be more than happy to explain in more detail.

Series Alitherm 800 Classic Casement Windows

Window - Side Hung Max Width: 700mm
Window - Side Hung Max Height: 1400mm
Window - Top Hung Max Width: 1400mm
Window - Top Hung Max Height: 1300mm
Glazing: 28mm or 36mm (triple)
Frame Depth: 70mm

Series Alitherm 800 Flush Casement Windows

Window - Side Hung Max Width: 700mm
Window - Side Hung Max Height: 1400mm
Window - Top Hung Max Width: 1400mm
Window - Top Hung Max Height: 1300mm
Glazing: 24mm
Frame Depth: 70mm

Series Heritage 47 Heritage Casement Windows

Window - Side Hung Max Width: 700mm
Window - Side Hung Max Height: 1400mm
Window - Top Hung Max Width: 1400mm
Window - Top Hung Max Height: 1300mm
Glazing: 28 or 36mm (triple)
Frame Depth: 47mm

Designer Doors

Panel Thickness: 28 or 40mm
Minimum Width: 700mm
Maximum Width: 1200mm
Minimum Height: 2014mm
Maximum Height: 2200mm

Sliding Patio Doors

Sliding Door Max Height: 2500mm (sash)
Sliding Door Max Width: Depends on the height/weight
Sliding Door Max Weight: 200kg
Glazing: 28mm or 36mm (triple)
Frame Depth: 100mm

Bi-Folding Doors

Minimum Panel Width: 550mm
Maximum Panel Width: 1200mm
Minimum Panel Height: 1750mm
Maximum Panel Height: 2500mm
Glazing: 28mm or 36mm (triple)
Frame Depth: 70mm

Roof Lantern

Max Length: 600mm
Max Width: 200mm
Minimum Ridge Length: 300mm
Glazing: 28mm
Total Frame Depth: 127mm

Size restrictions may apply depending on glazing specification, site location and/or profile finish.



The images, drawings and data shown in this brochure are for illustrative purposes only and are not binding in detail, colour or specification. We reserve the right to make changes to the product specification as technical developments dictate and without prior notice.

