



Advanced

Aluminium Windows & Doors





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.

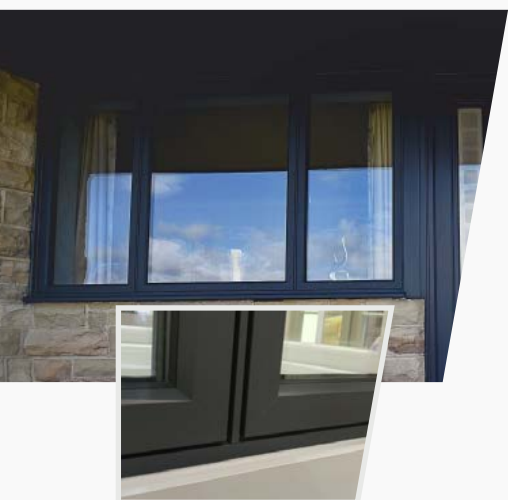
Classic Casement Windows Alitherm 800 Series

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 minimalist 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 Alitherm 800 Series 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

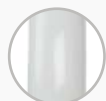


Pear Drop Window Handle

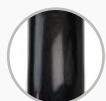


Monkey Tail Window Handle

Standard Handle Colours



White



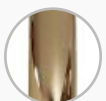
Black



Satin Chrome



Chrome



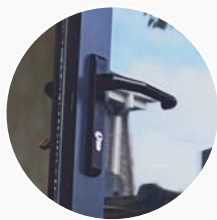
Gold



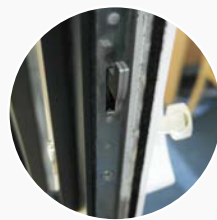
Aluminium Sliding Patio Doors

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



Levered Handle



Multi-point
Hook Locks

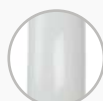


Aluminium Sliding
Mechanism

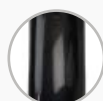


ABS Diamond
Grade Lock

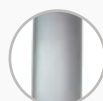
Handle Colours



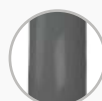
White



Black



Satin
Chrome



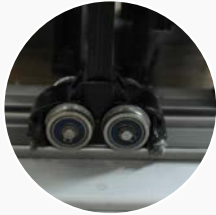
Anthracite
Grey

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



Trickle Vents



Magnetic Catch



Integral Blinds

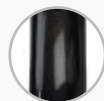


ABS Diamond Grade Lock

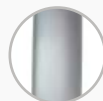
Handle Colours



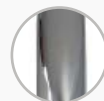
White



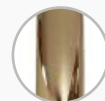
Black



Satin Chrome



Chrome



Gold



Colourways

From stock our complete aluminium range is available in white and grey. You also have the option of requesting dual colour e.g. grey on the outside and white on the inside. Other colours are available upon request but may be subject to a minimum order quantity. Please get in touch to discuss.



White
RAL 9010



Grey
RAL 7016



Black
RAL 9005

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.



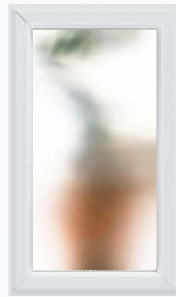
Bark
Level 5



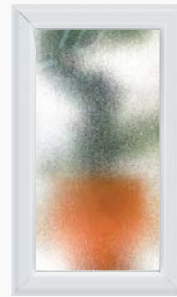
Contour
Level 3



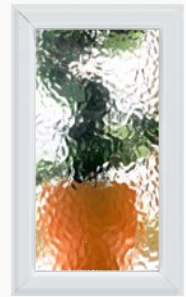
Leaf
Level 3



Satin
Level 5



Stipple
Level 4



Westminster
Level 2





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

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: 1200mm / 1750mm if
levered handle is required
Maximum Panel Height: 2500mm
Glazing: 28mm or 36mm (triple)
Frame Depth: 70mm



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.



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