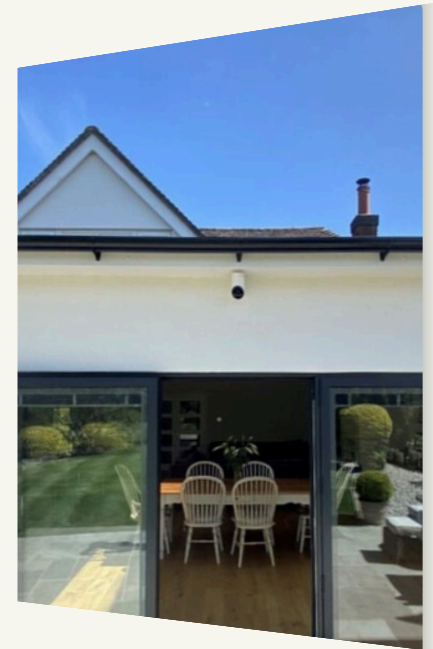


# Aluminium Bifold Doors



# Bifold Doors

Aluminium bi-folding doors create a visually stunning addition to your home and can add significant value to your property.

Excellent thermal performance and slim profile sections to minimise the visible framework are key to their design.

Engineering-grade hardware allows for silky smooth opening and closing operation without the premium price.

What's more, all our doors come with a 10-year manufacturer's guarantee for total peace of mind.



## Why choose aluminium?

Aluminium is extremely durable and more hard-wearing than other materials on the market. You'll be able to enjoy your aluminium doors for decades to come due to their high resistance to the elements.

It is also an incredibly strong material, providing a high level of security and impact resistance.

Aluminium doors are among the best-insulated on the market thanks to advanced thermal break technology, which prevents cold transfer.

They also require very little maintenance to ensure optimal performance and a fresh appearance.





# Complementary Solutions For The Home

Made using the same versatile system, our aluminium French doors, single doors, and windows perfectly complement our bifold doors, which can cater to every project. Whether you require shaped frames, fixed frames, sidelights, astragal bars, or glass blinds, our bifolds have it all. They can even be used as a singular entrance door with optional panel inserts to coordinate seamlessly with our other aluminium products.

Choose from several glazing finishes to suit any style of property, including:

- Double glazed
- Triple glazed
- Integral blinds
- Heritage look astragal bars

10 Year  
Guarantee

Manufactured  
in the UK

Ultra-Slim  
Sightlines



## Pre-Gasketed Easy-To-Use Clip In Bead

- Quicker installations- simply click in, saving lots of time!
- Easy-to-use and to remove
- Provides slimmer sightlines & better aesthetics
- Pre-gasket design



# Glazing Options

We offer a wide range of glazing options with our bifolds.

Each varies in benefits including noise reduction and thermal properties, to including solar control coatings or blinds in glass. The ratings given below are based on glass U-values.

## Low E Double Glazing

Double glazing with toughened clear Low-Emissivity filled with argon gas which has a U-Value of 1.2 wkm<sup>2</sup>.

## Ultra Low E Double Glazing

This is a great alternative to triple glazing, which can make doors heavy to use due to the extra weight. Ultra Low E has the same U-value as triple glazing (1.0w/m<sup>2</sup>K).

## Triple Glazing

Our triple-glazed units offer optimum protection and thermal efficiency benefits, achieving a U-value of 1.0 W/m<sup>2</sup>K.

## Solar Control Glass

This type of glass uses a solar control coating, which is blue tinted, to protect against UV rays, which can cause damage over time to items such as furniture in sunny areas. It can deflect the sun rays to help prevent overheating in sun trap areas when your doors are closed.

## Patterned Glass

We have several patterned glass options available. If you have one in mind please let us know, as the price and specification depend on the option.

Standard



French Doors with Transoms

## Transoms

Adding transoms to your design is the perfect way to achieve a popular modern-industrial look with your doors. Each pane of glass is cased in its own aluminium frame for an appealing visual effect.

This timeless style is a great addition to any home, and made unique with a range of colour options and configurations.



Bifold Doors with Astragal Bars

## Astragal Bars

Astragal bars offer a stylish and cost-effective option to creating heritage style bifold, French doors, single doors and bifolding windows.

To create this stunning door design, bars are added both within and atop the glass for a complete industrial look.

Make the design your own by adding your desired number of astragal bars both vertically and horizontally across each pane of glass.

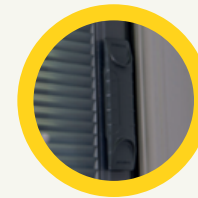
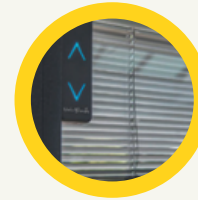


# Integral Blinds

Integral blinds can also be incorporated between the double-glazed units, which means they won't get damaged and will never need cleaning. The blinds can be supplied in various colours, and you can choose a Venetian or pleated blind. There are three different methods of operation for the Uni-blinds, depending on your requirements and budget:

- Solar Power Uni-blinds
- Electric
- Magnetic Slider

Integral Blinds are offered a five-year manufacturing guarantee against faults. We use Morley Glass, which is widely recognised as the best quality blinds in glass units available.



Venetian blinds can also be motorised and come with either a wall-mounted button or a remote control, operating an individual blind or synchronised for up to 12 blinds at once. These can either be wired into the mains or supplied with batteries and solar panels to recharge them.

Manually operated blinds utilise a magnetic device to adjust the blinds with ease however required. Available for both Venetian and pleated integral blinds.

## Pleated available colours:

Pleated blinds come in a range of bold colours each with varying degrees of light reflection.

**White**  
**Alabaster**  
**Dove**  
**Grey Sheen**  
**Grey Ridge**  
**Cocoa**  
**Anthracite**  
**Black**

## Venetian available colours:

Venetian blinds offer increased light and solar reflection and come in a range of pastel shades and greys.

**White**  
**Grey**  
**Metallic Silver**  
**Silver**  
**Slate Grey**  
**Anthracite**  
**Light Blue**  
**Black**  
**Green**  
**Yellow**  
**Agate Grey**  
**Beige**  
**Cream**



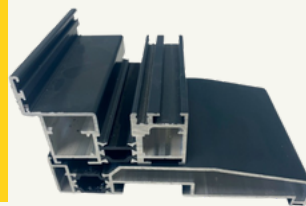
# Cills, Thresholds & Colours

Our matching aluminium cills help to direct the elements away from areas prone to damp underneath the bifold.

Cills are available in sizes of 90mm, 150mm, 190mm and 230mm.

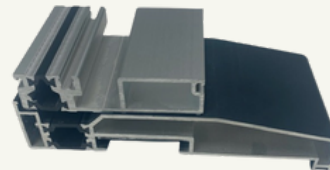
## Standard Threshold

Our Standard Threshold (55mm) provides the utmost protection whilst still looking sleek. The standard threshold acts as a full weather break, keeping your home dry and warm regardless of outside elements.



## Low Threshold\*

Our Low Threshold (20mm) doesn't offer as much weather protection but creates a more seamless look. Lower thresholds are less of a trip hazard than higher ones, making them more suited for those with mobility issues or small children. While the design may be more striking, we don't recommend this for external bifolds unless in sheltered areas.

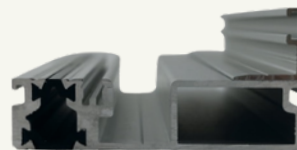


**\*Low thresholds are only available in anodised silver.**

## Low Threshold with Rebate\*

A 20mm rebate can be attached to our low threshold, making it only slightly higher at 40mm.

The lip of the rebate gives extra weather protection against the elements.



## Integrated Threshold

An integrated threshold that provides full weatherproofing and also maximises the overall sash height.



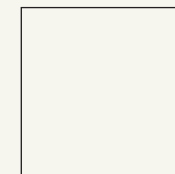
Available in any colour

PAS24:2022 Compliant

Up to 14 leaves

Our doors are available in three standard colours, plus two dual colour options.

For projects requiring bespoke coloured doors, any RAL colour can be available upon request.



White  
RAL 9016



Grey  
RAL 7016



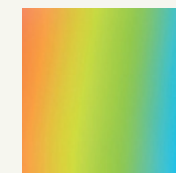
Black  
RAL 9005



Grey Out/  
White in



Black Out/  
White in



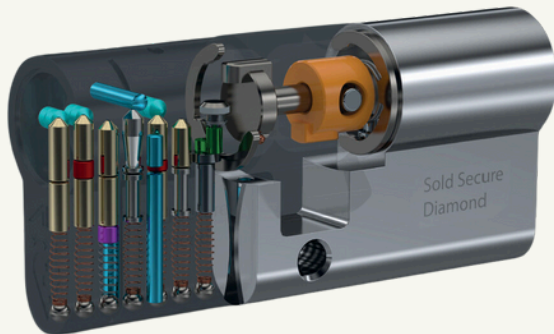
Bespoke RAL  
colour



# Handles and Locks

The ultra-secure 3-star barrel provides double the sacrificial protection. It is made from materials 25% denser than iron and has twice the number of pins than the average lock (including an anti-pick pin). The barrel also comes with 20-point drill protection as standard. If attacked, the barrel enters 'lockdown mode', meaning the lock is practically impenetrable without heavy and noisy power tools.

The locks are also approved by the Police security initiative "Secured by Design" and are tested by the Master Locksmith Association, passing with the Sold Secure Diamond grade, known as one of the highest standards of security UK locks can conform to!



## Duplex Double Hook Lock

The Duplex Double Hook Lock has been designed by UK-based Ingenious' highly experienced and dynamic design team, providing a 6-point locking system instead of a 3-hook for additional security. It has a dual follower to allow twin spindle function, preventing unauthorised entry when the lock is in a latched position.

Our ultimate security kit that combines a 3-star barrel as standard, combined with the Brisant Sweet Handle and an exclusively designed Duplex Double Hook Lock, to ensure your home stays well protected.

## The Sweet Handle

The safe and stylish Sweet Handle is impressively durable, carrying multiple coatings of brass and nickel to ensure robust performance against the elements. Brisant also offers a 10-year direct-to-homeowner anti-corrosion guarantee for additional peace of mind.

The sleek curved design is not only pleasing to the eye but is an impressive security feature, stopping gripping tools designed to snap off handles during break-ins. Available in various colours, including black, white, grey, chrome and stainless steel. Gold and rose gold are also available.



# Create your perfect Bifold Door



10 Year  
Guarantee

PAS24:2022  
Compliant

Super-slim  
sightlines

## Maximum Vision

Our Bifold Door System gives one of the largest sash sizes available, with up to 1200mm width and 3000mm height per pane. Paired with super-slim sightlines, you'll get the best uninterrupted views with our doors.

## Weather Resistance

Excellent weather sealing is achieved using specially designed perimeter seals, with the option of weather piles for lower thresholds. Weather-tightness is tested to British standards.

## Low Maintenance

Our low-maintenance aluminium doors are strong, durable and highly corrosion-resistant. Unlike timber, they don't need painting or staining to keep them weatherproof, and they won't rust or corrode. They will also never rot, peel or flake.

## Floating Corner Post

The floating corner post option enables right-angled bifolding doors, including the return, to open out fully, with the option of a fixed corner, for the ultimate WOW factor! (Structural support needs to be in place.)



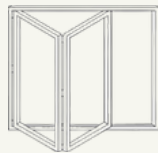
# Door Configuration

Our doors are available in up to 7 leaves each way (14 in total). The leaves are able to open either from the left or right of the opening, either opening towards the inside of the property or to the outside – the choice is yours!

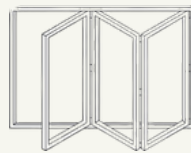
If ordering an even number of panes (e.g. 2 or 4), all sliding in the same direction, there will be no master door or external access.



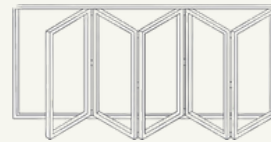
2-0-2\*



2-2-0\*



3-0-3



5-0-5



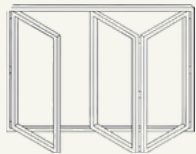
5-1-4



5-2-3



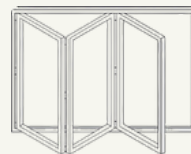
5-5-0



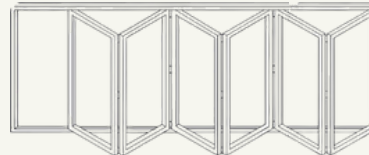
3-1-2



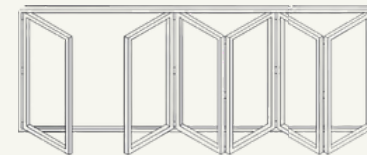
3-2-1



3-3-0



6-0-6\*



6-1-5



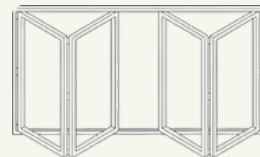
6-3-3



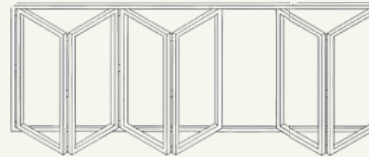
4-0-4\*



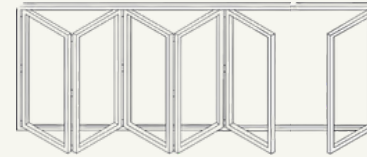
4-1-3



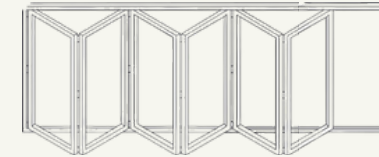
4-2-2\*



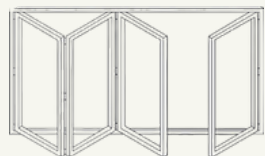
6-4-2



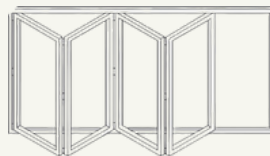
6-5-1



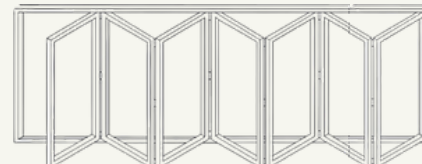
6-6-0\*



4-3-1



4-4-0\*



7-0-7



7-5-2

\* = no external handles or traffic doors on these configurations.

# Technical Information

At Value Doors & Windows, our bi-folds are made to your bespoke requirements. From choosing the number of panes to slim profile options there are many ways you can customise your door.

Take a look at the technical information to help decide how you can find the perfect fit for your project.

## Typical sizes (standard)

Max door leaf width	1200mm
Max door leaf height	3000mm
Max weight per door leaf	120Kg

## Technical Details at a Glance:

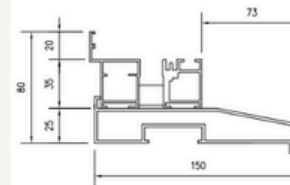
- Market-leading maximum sash sizes of up to 1200mm x 3000mm.
- Maximum vision – minimal sightlines of just 107mm.
- Maximum security – PAS24:2022 compliant.
- Maximum insulation value – as low as 1.4 U W/m<sup>2</sup>K.
- Maximum weather proofing – tested to BS6375 Part 1: 2009.
- Single or dual colour- factory powder coated to marine quality as per Qualicoat regulations.
- 120kg max weight per door leaf providing for the openings.
- Engineering grade running rollers for smooth, silky opening and closing operations.
- Trickle vents can be added.



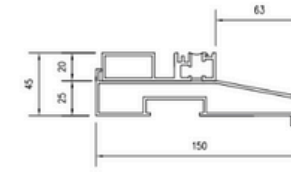


# Bifold Threshold Details

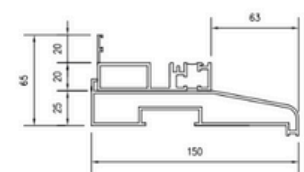
Average Glazing U-values	
CEN Standard (Double Glazed)	1.2 W/m <sup>2</sup> K
CEN Standard (Triple Glazed)	1.0 W/m <sup>2</sup> K
Glazing	
Glass Thickness	up to 44mm
Glazing Options	Double Glazed (Low E), Double Glazed (Ultra-Low E), Triple Glazed, Solar Control Glass, Patterned Glass, Blinds in Glass & Laminated Glass
Profile	
Super-slim sash	Sightlines of 107mm
Testing	
Energy rating (WER)	B
Security	PAS24:2022 & Secured By Design
Specification	
Optional Clip-in bead	✓
Optional Floating corner post	Structural support must be in place
Optional Trickle Vents	✓
Air Permeability	600PA
Water Tightness	600PA
Wind Load Resistance	1800PA



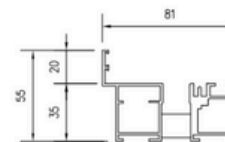
Standard Threshold  
with 150mm Cill



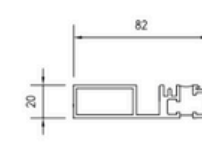
Low Threshold  
with 150mm Cill



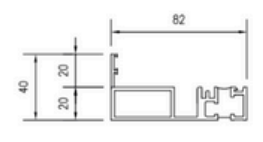
Low Threshold with  
Rebate & 150mm Cill



Standard Threshold  
- No Cill



Low Threshold  
- No Cill



Low Threshold with  
Rebate - No Cill

# Frequently asked questions

## Q: Are aluminium bifold doors better than uPVC?

Each type of bifold door has its own advantages. Aluminium bifold doors are typically slimmer in profile, allowing for larger glass panels and unobstructed views. On the other hand, uPVC doors are known for their affordability but typically expand and contract in varying weather conditions, so they are not reliable all year round.

## Q: What optional extras do you offer with your bifolds?

Our bi-folds can be customised to the exact colour, size, and finish you want. We also offer an array of optional extras, including blinds in glass, triple glazing, cills, trickle vents and more.

## Q: Are bifold doors draughty?

Our bifold doors here at Value Doors are fitted with weatherstripping and are manufactured to withstand British weather conditions without deterioration. They will never discolour, peel, or rust, so you won't have to worry about replacing them, neither will you have to worry about draughts.

## Q: How secure are bifold doors?

Our aluminium bi-folding doors are extremely secure, thanks to their robust construction and multi-point locking mechanisms. This makes them difficult to force open, and we pair this with 3\* anti-snap secure key locks and secure hardware as standard.

## Q: Do bifold doors come in standard sizes?

Yes, bifold doors typically come in standard sizes, usually 3m x 2m. However, custom-made-to-measure sizes can also be ordered to fit specific requirements here at Value Doors. We also have a wide range of stock-size bifold doors that are ready to buy in our online shop.

## Want to find out more?

The opportunities are endless with our aluminium bifold doors.

If you'd like to find out more or have any questions of your own, our friendly team of experts are always on hand to help.





# Other Products



# About us



Ordering fully fitted doors and windows online, as well as supply-only options, used to be non-existent. The traditional process of getting a quote and waiting for someone to call you is outdated. We have invested in state-of-the-art technology to provide customers with online prices for fully fitted windows and doors, with coverage across the UK. So, instead of filling in your details online and waiting for a call for a quote, consider this: Value Doors & Windows has the technology that others only dream about. We've revolutionized the process and we're not done yet.

## Accreditations



Reg: 42711

FENSA aims to enhance installer professionalism and safeguard homeowners by thoroughly screening installers and ensuring compliance with high standards, energy-efficient products, building regulations, and local council registration where necessary.



Reg: A3404

The GGF, or Glass and Glazing Federation, provides industry training and technical support. Value Doors & Windows is a proud member of this federation. For over 40 years, the GGF has been the leading trade federation in the industry, with 8000 members recognizing its influence and expertise.



At Value Doors & Windows, we are dedicated to environmental sustainability. For every order, including cancellations, we plant a tree in deforestation-risk areas, such as Brazil, Haiti, Peru, Indonesia, and Ethiopia. Our products, especially doors, contain timber, and we are committed to giving back to the planet. Through TheTreeApp, we contribute to reforestation efforts, benefiting the environment and improving the lives of people in these areas by providing employment and income opportunities.



Value Doors & Windows is fully accredited by Trustmark, a government-endorsed quality scheme for work in or around your home, giving you peace of mind.



We offer a long guarantee for your satisfaction. In the unlikely event of our business closure, Installsure will cover any outstanding warranties, providing you peace of mind.





WWW.VALUEDOORS.CO.UK | PHONE 020 4587 8300

