



aluminium  
**BIFOLDING  
DOORS**



**NOWA**  
aluminium bi-folding doors



# BF73 BIFOLDING DOORS

Aluminium bifolding doors create a visually stunning addition to your home and can add huge value.

Class-leading design features set the BF73 Bifolding Door aside from the competition. Thermal performance and slim profile sections to minimise the visible framework and maximise the glass area, is key to their design.

Engineering grade hardware, allows for silky smooth opening and closing operation, without having to pay a premium price.

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

## Why choose Aluminium?

Aluminium is extremely durable and more hard-wearing than other materials. You'll be able to enjoy your aluminium doors for not only years but decades to come as they're incredibly resistant to the elements.

It is also an incredibly strong material, therefore providing a high level of security.

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

They require very little maintenance to ensure optimal performance and to keep them looking good as new.





Whether it's a single door, French door or bifolding door or window, they can all be fabricated from the same BF73 system. It's so **versatile** that it can cater for projects that call for shaped frames, fixed frames, sidelights, astragal bars, blinds in glass and can even be used as an entrance door with optional panel inserts.

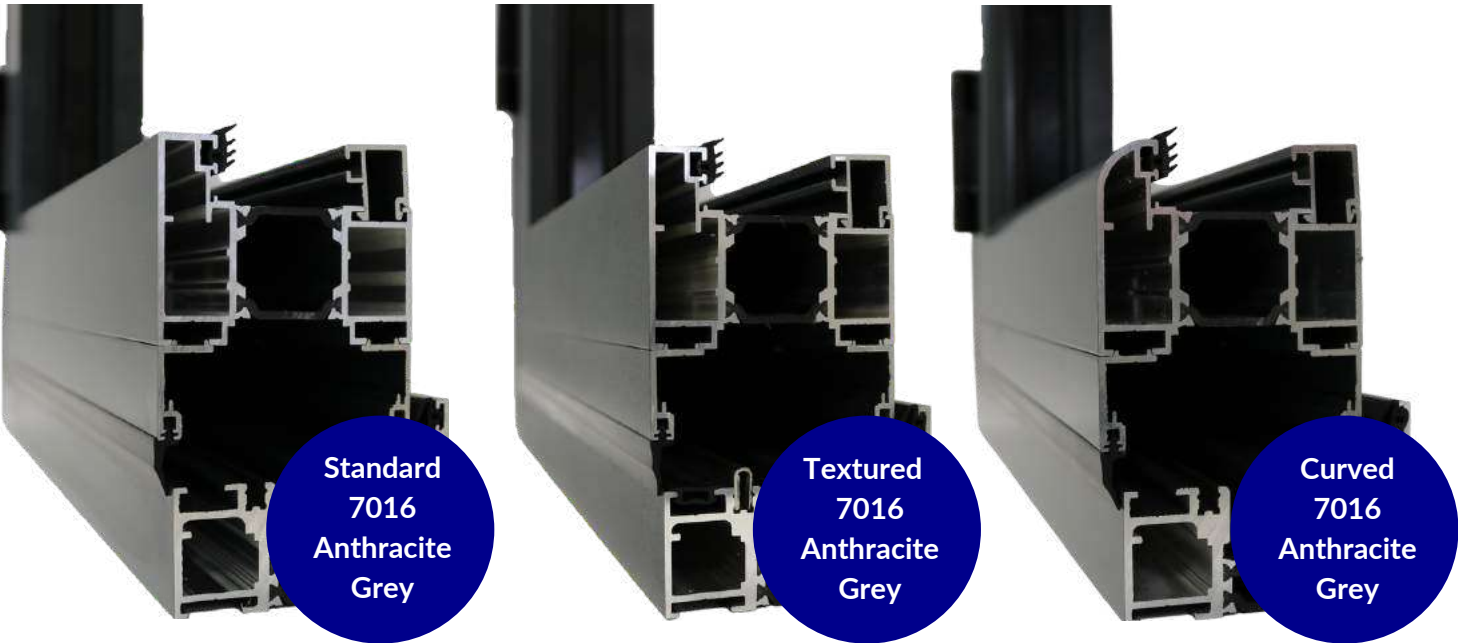
All our BF73 products can be finished in several glazing options to create a style to suit any property. Single doors, French doors, bifolding doors or windows, or shaped and fixed frames glazing options:

- Double glazed
- Triple glazed
- Integral blinds
- Heritage look astragal bars
- Solid panel inserts

All BF73 sashes are available in 3 profile designs: **square**, **textured square\*** and **curved**.

Choose square for a classic look or textured square for a more contemporary alternative. And, if you're looking to complement your property's existing windows, then opt for our newest addition, the curved sash.

*\*textured square only available in 7016 anthracite grey*



**10  
YEAR  
GUARANTEE**

**PAS24  
COMPLIANT**

**ULTRA  
SLIM  
SIGHTLINES**



**Bifold  
Window**



**French  
Doors with  
Astragal Bars**



**ALUTECH**  
SYSTEMS



### Ultion Stays Locked

The **Ultion 3-star barrel** provides double the sacrificial protection, made from materials 25% denser than iron and with twice the number of pins than the average lock (including an antipick pin) and 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.

Brisant are so confident of this that they will pay **£2000** direct to the homeowner should a burglary take place within 10 years from the point of installation and entry was achieved by snapping an Ultion lock.



BRING THE ULTION  
TECHNOLOGY  
TO LIFE>



### 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 3-hook, for additional **security**. It comes with a dual follower to allow twin spindle function, which prevents unauthorised entry when the lock is in a latched position.

### 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 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 a range of colours including; black, white, grey, chrome and stainless steel. Gold and rose gold also available.







**10**  
YEAR  
GUARANTEE

**PAS24**  
COMPLIANT

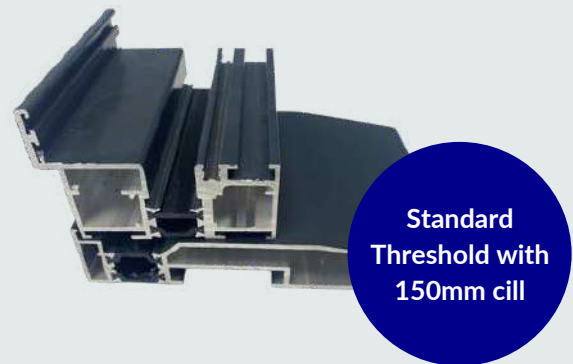
**ULTRA**  
**SLIM**  
SIGHTLINES

## Cills and Thresholds

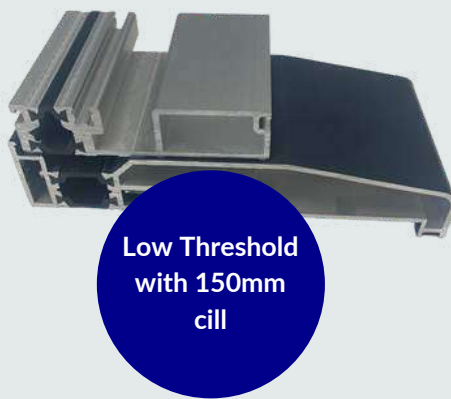
**Aluminium cills** with pre-drilled screw ports and aluminium **screw-in ends caps** available in our standard stock colours. Cill sizes are **90mm, 150mm, 190mm and 230mm**. Standard 150mm without pre-drilled screw ports in White and Black.

### Standard Threshold

Our **Standard Threshold (55mm)** or weathered threshold 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. Hence, for external bifolding doors, the standard 55mm is recommended.



Standard  
Threshold with  
150mm cill



Low Threshold  
with 150mm  
cill

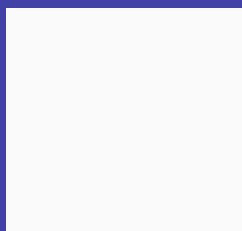
### Low Threshold

Our Low Threshold (20mm) doesn't offer as much weather protection but creates a seamless look. Lower thresholds are less of a trip hazard than higher ones so are 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.

## Colours

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  
RAL9016



Grey  
RAL7016



Black  
RAL9005



Grey Out/  
White In



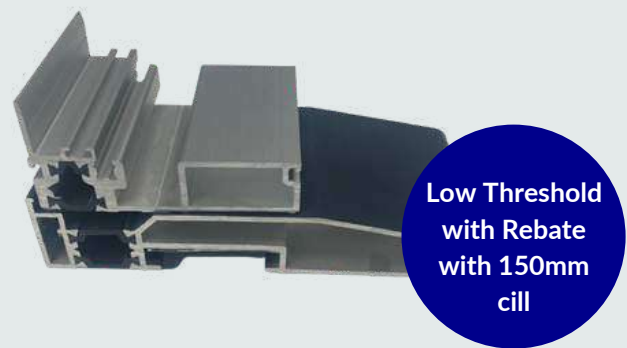
Black Out/  
White In



Bespoke RAL  
colour

### 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.



Low Threshold  
with Rebate  
with 150mm  
cill

### Low Threshold with Ramps

When a threshold can't be sunk below floor level and accessibility is required, a ramp can be added either side of the low threshold.

This is an optional extra on the low threshold.





## Thermal Efficiency

The BF73 system can achieve a U-values as low as **1.4 W/m<sup>2</sup>K**, when combined with highly energy efficient glass.

## Weather Resistance

Excellent weather sealing is achieved using specially designed **perimeter seals**, with the option of **weather piles** for lower thresholds. Weather-tightness 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 **weather-proof**, and they won't rust or corrode. They will also never rot, peel or flake.

## Maximum Vision

The Alutech BF73 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 of just 120mm, you'll get the best uninterrupted views.

## Floating Corner Post

The **floating corner post** option enables right-angled BF73 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.)



DISCOVER MORE >  
Point your smart phone camera at this QR code and bring all the BF73 products to life!





# GLAZING OPTIONS

We offer a wide variety 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. 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 wkm2.

Standard

## 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 (1.1wkm2).

## Triple Glazing

Our triple glazed units offer optimum protection and thermal efficiency benefits, achieving a U-Value of 1.1 W/m2K.

## Solar Control Glass

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

## Patterned Glass

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

## Industrial Style



### 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 can be a great addition to any home, and made unique with a range of colour options and configurations.



### Astragal Bars

Astragal bars offer a stylish and cost-effective option to creating industrial-style bifolds, 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 provide can be supplied in a range of colours, as well the option of 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 with a five year manufacturing guarantee against faults. We use Morley Glass, widely recognised as the best quality blinds in glass units available.

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



Venetian blinds can also be motorised and come with either a wall mounted button or 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.

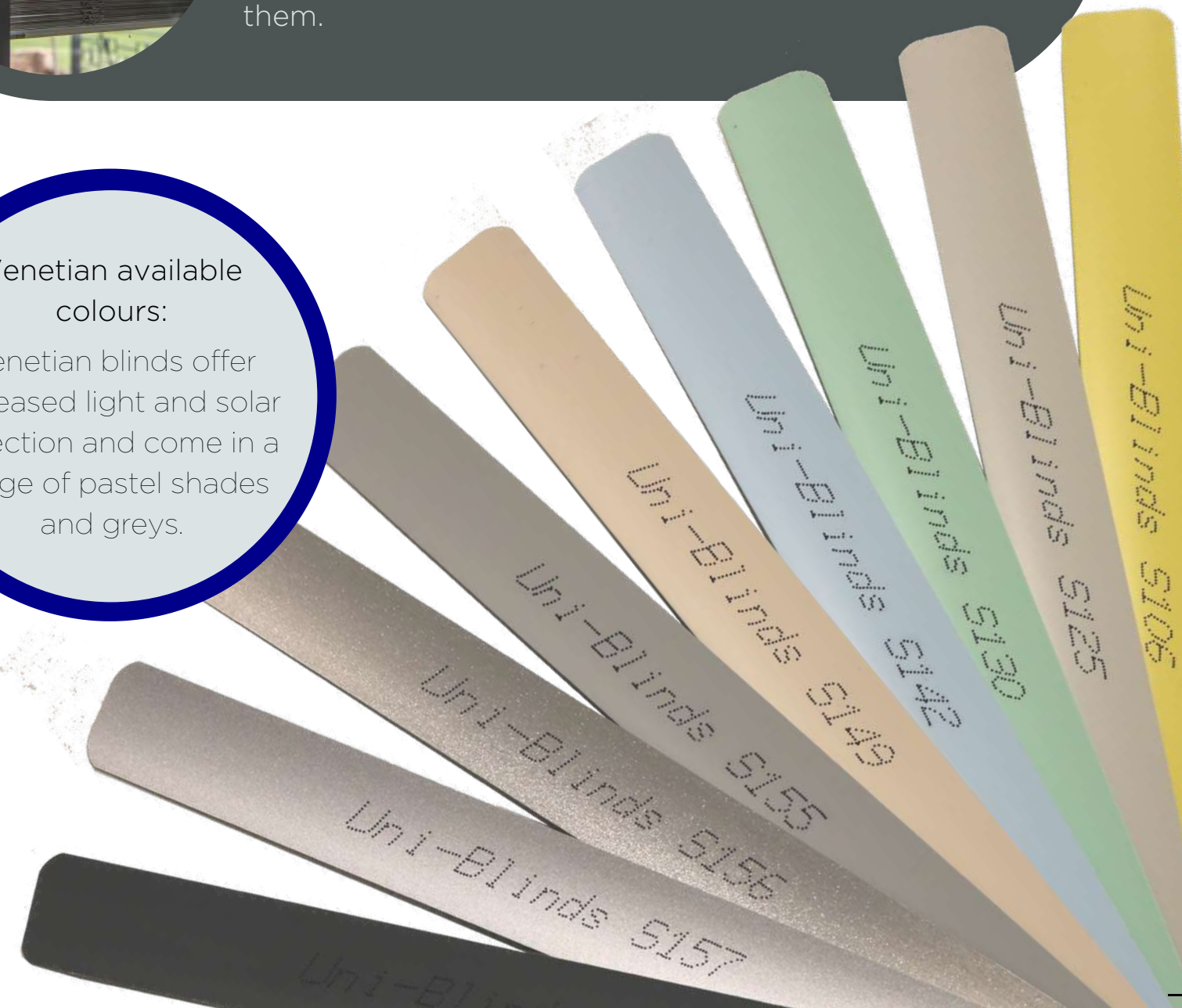


## Pleated available colours:

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

## Venetian available colours:

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





# CREATE YOUR PERFECT BIFOLD



## Door leaf configuration

BF73 doors are available in up to 7 leaves each way (14 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.

## Adjustable Jamb (Optional)

The BF73 system has been designed to be quick and easy to manufacture and install. The system offers an optional adjustable jamb feature for maximum adjustability of +/- 4mm either side during installation and easily adjustable at a later date with an allen key.

## Technical details at a glance:

- Market-leading maximum sash size of 1200mm x 3000mm.
- Maximum vision – minimal sight lines of only 120mm or 133mm.
- Maximum security – PAS 24 compliant.
- Maximum insulation value – down to 1.4 U W/m2K.
- Maximum weather proofing – tested to BS6375 Part 1 : 2009.
- Single or dual colour. Factory powder coated to marine quality as per Qualicoat regulations.
- 120kg per door leaf providing for the openings.
- Engineering grade running rollers for a smooth and silky opening and closing operation.
- Trickle vents can be added.

## Open out configurations

			TOTAL No OF PANELS
1LO outside	2LO outside	1L1RO outside	1 + 2 + 3
4LO outside	3L1RO outside	2L2RO outside	4
5LO outside	4L1RO outside	3L2RO outside	5
6LO outside	5L1RO outside	4L2RO outside	6
7LO outside	6L1RO outside	5L2RO outside	7
7L1RO outside	6L2RO outside	5L3RO outside	8
7L2RO outside	5L4RO outside	6L3RO outside	9
7L3RO outside	6L4RO outside	5L5RO outside	10
7L4RO outside	6L5RO outside	5L6RO outside	11
7L5RO outside	6L6RO outside	5L7RO outside	12
7L6RO outside	6L7RO outside	5L8RO outside	13
7L7RO outside	6L8RO outside	5L9RO outside	14



aluminium

# BIFOLDING DOORS



**NOWA**  
aluminium bi-folding doors

Tel: 0800 5677276  
Email: [sales@nowaluminium.co.uk](mailto:sales@nowaluminium.co.uk)  
[www.nowaluminium.co.uk](http://www.nowaluminium.co.uk)

**ALUTECH**  GREAT ARCHITECTURE  
SYSTEMS STARTS WITH ALUTECH

