



23

aluminium **bifold door.**

Luxury super-slim aluminium bifolding doors by Alunet Systems.

**1.1**

W/M<sup>2</sup>K  
TRIPLE  
GLAZED

**1.4**

W/M<sup>2</sup>K  
DOUBLE  
GLAZED

**107mm**

MARKET  
LEADING  
SIGHTLINES

**PAS24**

COMPLIANT  
2024

ENERGY  
RATED

**B**





## aluminium bifold door.

The 23 bifold system offers a versatile, slimline system for single doors, French doors and bifolding doors and windows.

As an enhancement on the known and loved BF73 bifold system, the super-slim profile sections of the 23 bifold system minimise the visible framework and maximise the glass area, with market-leading sightlines of just 107mm.

Achieving a DER energy rating of B and a new PAS24:2024 certification, the bifolds are designed to the most up to date standards to be the best the market has to offer.

The 23 Bifold is part of a collection of products brought to you by Alunet Systems, bringing their expertise and knowledge into a range unbeaten on quality.

- Super-slim sash
- Market-leading sightlines of just 107mm
- Sash extension
- 'Click & Forget' clip in bead
- Integrated Cill
- U-values as low as 1.1 triple glazed & 1.4 double glazed
- Energy rated B (DER)
- PAS24:2024 compliant



# Sleek

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# Strong

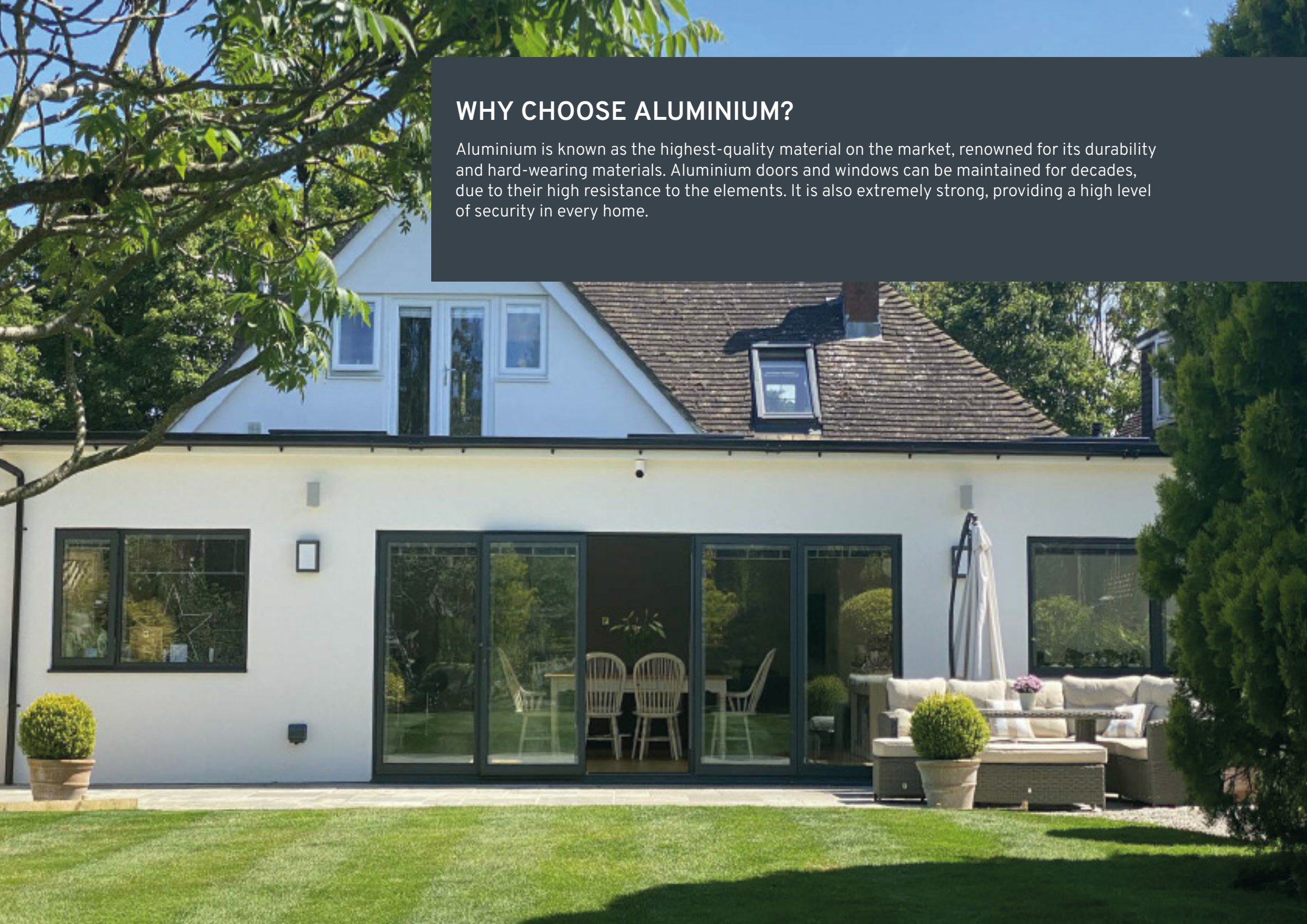
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# Secure

Luxury marine grade aluminium bifolding doors designed to a high specification; unrivalled strength and durability, thermally efficient, safe and secure, all without compromising the 23 Bifold door's highly attractive modern style.

## WHY CHOOSE ALUMINIUM?

Aluminium is known as the highest-quality material on the market, renowned for its durability and hard-wearing materials. Aluminium doors and windows can be maintained for decades, due to their high resistance to the elements. It is also extremely strong, providing a high level of security in every home.



The image shows a bright, modern interior space, likely a dining room, with a large glass door or window that opens up to a well-manicured garden. The garden features a large lawn, various shrubs, and trees. The interior has a wooden floor and a white ceiling. The glass door is framed in black and is partially open, revealing the outdoor space. The overall atmosphere is bright and airy, with natural light streaming in from the garden.

ENERGY  
RATED

**B**

**PAS24**  
COMPLIANT  
2024

**107mm**  
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**1.4**  
W/M<sup>2</sup>K  
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**1.1**  
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TRIPLE  
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# New & Improved System

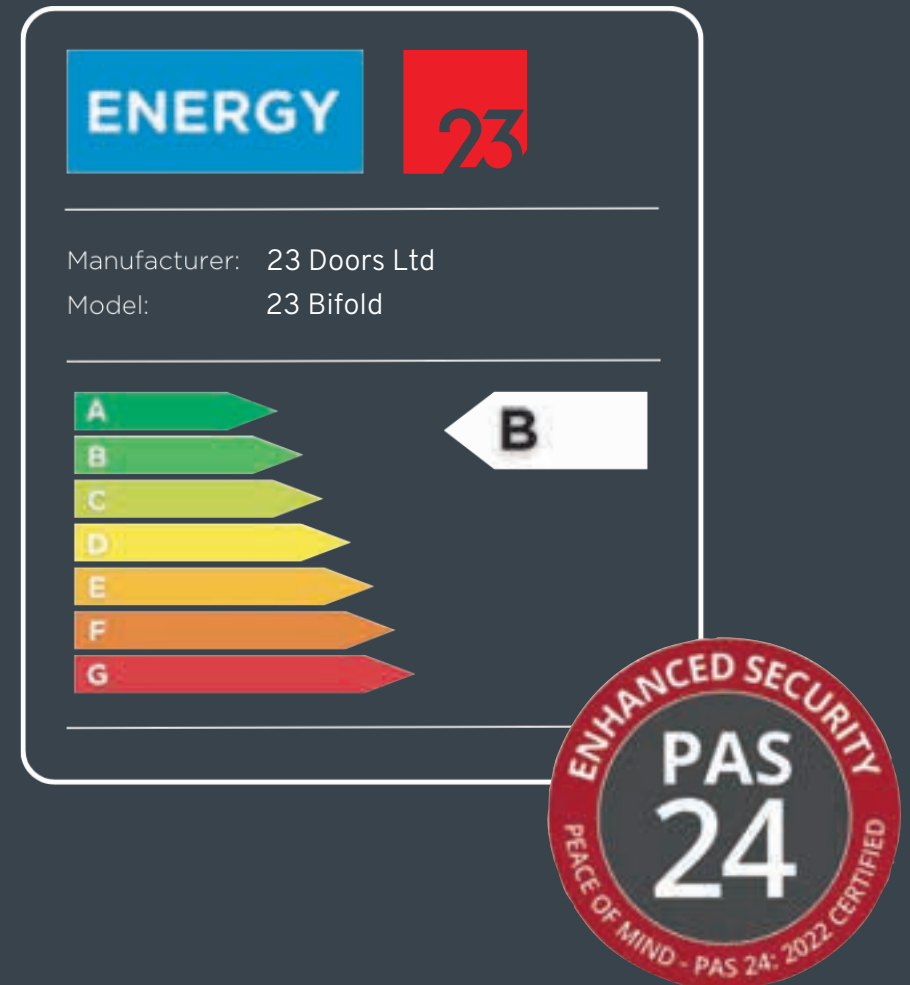
The latest 23 Bifold system showcases new and improved features of the known and loved BF73 system.

Slimmer profile sections boast sightlines of just 107mm with market-leading sash sizes up to 1200mm wide and 3000mm high per pane. The 23 Bifold can also be manufactured with up to 7 leaves each way (14 in total).

Enjoy silky smooth operation due to engineering-grade hardware plus improved thermal performance with U-values as low as 1.1 U/m<sup>2</sup>k. Also benefitting from high security, compliant to PAS24:2024 standards, the 23 Bifold system is ideal for opening spaces up to the outdoors and creating a visually stunning addition to any property.

The new sash extension is another improved feature to the 23 Bifold, offering ease of fabrication and requiring fewer gaskets, enhancing ease of operation and experience.

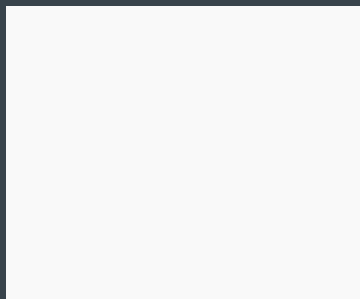
Plus, try our PAS24:2024 certified 'Click & Forget' clip-in bead for quicker installations!



# Colours

Our 23 Bifold products are available in any RAL colour upon request.

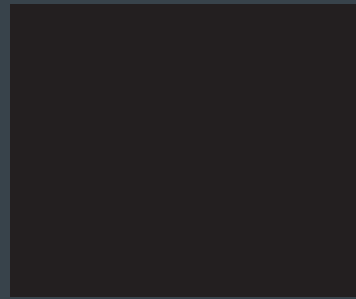
The standard colours that we have in stock are Grey 7016 (Matte), Black (Matte), White 9016 (Gloss), Grey 7016 (Matte) on White 9016 (Gloss) and Black 9005 (Matte) on White 9016 (Gloss).



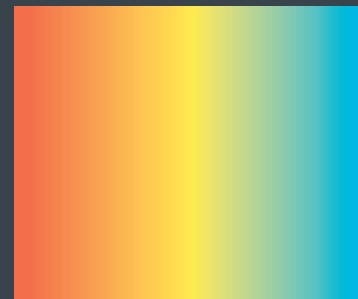
White  
RAL9016



Anthracite Grey  
RAL7016



Black  
RAL9005



Bespoke RAL  
Colour



Grey Out/  
White In



Black Out/  
White In

# ALULOCK

## LOCK, KEEP AND HANDLE

The ultimate security kit for 23 Bifolds.

ALULOCK security kit combines a euro cylinder as standard, with the option to upgrade to the Ultion 3-star barrel, with the Brisant Sweet Handle and an exclusively designed Duplex Double-Hook Lock, providing a solid 6-point locking system for additional security.

### THE SWEET HANDLES

Safe, Stylish & Durable

The Ultion Sweet Handles are a popular upgrade due to their impressive durability as part of the ultimate security kit. These stunning handles are highly secure, and can stop gripping tools designed to snap off handles during break ins.

Carrying multiple coatings of brass and nickel to ensure robust performance, with a 10-year anti-corrosion guarantee for peace of mind.



Available in a range of colours including: black, white, grey, chrome, stainless steel, gold and rose gold.

### STAINLESS STEEL HANDLE

316 Marine Grade Stainless Steel

The stainless steel handle upgrade has been designed by experts for enhanced performance and durability creating one of the highest quality door handles on the market.



The suited handle is made from 316 marine grade stainless steel, compared to the industry-standard of 304, giving it long-term resistance to corrosion.

## Thresholds

The 23 Bifold, French Door & Single Door can all be designed with the following threshold options:



### Standard threshold

A 55mm threshold that acts as a full weather break.



### Low threshold

A 20mm threshold for a seamless look.



### Low threshold with rebate

A 20mm rebate attached to a low threshold.



### Low threshold with ramps

Ideal for homes that need additional accessibility.



### Integrated cill

Provides full weather rating and maximises the overall sash height.

### Universal aluminium cills

Compatible with most systems, directing water way from brickwork (available as 90mm, 150mm, 190mm & 230mm).



### Model Details

Length – 430mm  
Equivalent area as per  
BS 13141-1:2019 – 2214mm<sup>2</sup>  
Slot Size – 16 x 410mm

## Flush-Fitting Sash Trickle Vent

The 23 Bifold flush fitting trickle vent is a modern, yet stylish ABS ventilator with a simple vent adjustment to manage airflow into the property and has been specifically designed to fit into bifolding doors. It is tastefully fitted into the bifold sash for a discreet appearance, avoiding the need for an add-on above the door and providing a much more stylish finish to the door.

### Features

- Discreet flush fitting appearance
- No need for add-ons to top of doors
- Fingertip positive open and close action
- Easy Installation

### Options

- Available from stock in the colours shown

### Performance

- Independently tested for airflow EA
- UV stabilised for long life

### Maintenance

- The 23 Bifold flush vent can be cleaned using a damp cloth. The external cover should be brushed lightly to remove dust from the flyscreen area
- ABS for low maintenance



### Available in:



White RAL9016



Black RAL9005



Anthracite Grey RAL7016



Anthracite Grey Out/  
White In

# Whole House Luxury Made Easy!

## Let There Be Light with 23!

Whether it's a single door, French door or bifolding door or window, they can all be fabricated from the same market leading luxury 23 Bifold 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 23 Bifold products can be finished in several glazing options to suit any property, including:

- Double & triple glazing
- Integral blinds
- Heritage look astragal bars & transoms
- Solid panel inserts

All sashes with the bifolding system are available in 2 profile designs: square and textured square\*. Choose square for a classic look or textured square for a more contemporary alternative.

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

Also new to the bifold system is our door restrictor, preventing the door from opening over 90 degrees. Easy to install, the arm can also be detached for full opening of the door.

## Easy Installation

The 23 bifold system has been designed to be quick and easy to install. The system offers an optional adjustable jamb feature for maximum adjustability of +/- 4mm either side during installation and is easily managed with an allen key.

## 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.)

## Weather Resistance

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

## Low Maintenance

Our low-maintenance aluminium doors are strong, durable and 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.



## TECHNICAL DETAILS AT A GLANCE

- Market-leading maximum sash sizes up to 1200mm x 3000mm
- Maximum vision – minimal sight lines of only 107mm or 120mm
- Maximum security – PAS24:2024 certification
- U-values as low as 1.1 with triple glazing and 1.4 with double glazing (U W/m<sup>2</sup>k)
- Maximum weatherproofing - tested to BS6375 Part 1:2009
- Single or dual colour. Factory powder coated to marine quality as per Qualicoat regulation
- 120kg per door leaf provided for the openings
- Engineering-grade running rollers for a smooth and silky opening and closing operation
- Trickle vents can be added

**10**  
**YEAR**  
GUARANTEE

**1.4**  
W/M<sup>2</sup>K  
DOUBLE  
GLAZED

**1.1**  
W/M<sup>2</sup>K  
TRIPLE  
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