Innovative, award-winning German made bifold doors

See our bifold doors at
- The Building Centre in Central London
- Our Comprehensive Showroom in Norwich
- Exhibitions across the country
For over thirty years, SUNFLEX has led the global market in the design, development and manufacture of bifold doors. Today they are widely regarded as the most advanced systems available, with each product handmade to the highest quality and featuring a wide range of unique features and system options.

The SUNFLEX SF55 and SF75 doors utilise the latest in thermal break technology, separating the internal and external faces of aluminium to provide excellent thermal properties, enabling SUNFLEX to manufacture some of the most advanced energy efficient systems available.

Each system is fitted with unique running carriages that mount to the door frame rather than the hinge, which provides the smoothest operation, enhanced security and neat visual appearance. Panels can be made up to 1,200mm wide and 3,500mm high.

For more than 17 years IDSystems has been the largest installer of SUNFLEX systems in the UK and we now install more SUNFLEX bifold doors each year than anyone else in the world.
SUNFLEX SF55

Award-winning aluminium bifold door packed full of unique features

Our most popular bifold door system, the SF55 has been designed and developed to shape the future of the folding door market.

Not only does it provide a compact profile depth of just 55mm, in addition to narrow sight lines, it is packed full of unique features and offers the widest range of size and configuration options available.

Flexibility in design – the system may be folded to the left or the right (or both), open to the inside or outside. It can have panels all folding the same way or split with a number folding to each side. The system can be double or triple glazed, utilised as a single door, French doors and from 2-panel to 22-panel bifold door on three different track options. It can also include a moveable corner post to create an eye-catching complete opening.

SF55 Track options

SF55 U-Values

<table>
<thead>
<tr>
<th>U-value of glass (W/m²/K)</th>
<th>Overall system U-value (W/m²/K)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 Double glazed</td>
<td>1.7</td>
</tr>
<tr>
<td>1.0 Double glazed</td>
<td>1.6</td>
</tr>
</tbody>
</table>

SF55 KEY FEATURES

- **Award-winning**
  Named Build It magazine’s ‘Best Glazed Doors’.

- **Narrow sight lines**
  115mm – maximising light and enhancing your view.

- **Slim front to back profile**
  55mm – minimising stacking area.

- **The most weathertight bifold doors available**
  Continuous interlocking triple gasket, front and back, for finger cushioning and tight compression seals.

- **Severe weather rating**
  With weathered track and unbeatable, reassuring test results (900Pa water tightness and 600Pa air permeability).

- **Extremely versatile**
  Up to 1200mm wide panels, 3,500mm high; open in or out, low-threshold or weathered track option.

- **Panel catch**
  Unique panel catch holds first door in place on odd numbered door configurations.

- **Stacking clip**
  Innovative stacking clip secures system when doors are fully opened.

- **Secured by Design**
  Designed and installed to Police preferred specification.

- **Complex configurations**
  Including complex openings can be achieved.

- **Patented thermal break**
  Advanced 24mm shaped polyamide thermal break.

- **Secured part-vent position**
  A unique addition that allows room ventilation without having to open the doors.

- **BSI Kitemark™**
  The only German-designed and manufactured bifold door range with the prestigious BSI Kitemark™.

- **PAS 23/24**
  The doors meet and exceed the requirements of Part Q of Building Regulations.

- **Multipoint locking**
  Locking into the side jamb, coupled with top and bottom metal shoot bolt rods, gives excellent security. WK2 security package available.

- **Composite option**
  Also available with internal timber cladding (SF55c).
SUNFLEX SF55v
Thermally insulated versifold doors - available with double or triple glazing

This innovative versifold option to the SF55 has been designed to allow customers to stack all of the panels at the opening end of the door, whilst not compromising on the extreme weather performance and U-value of the system.

- Developed utilising award-winning experience of bifold door
- Truly versatile stacking technology
- Can be stacked to either end, centrally or part opened providing more flexibility - particularly for those with space limitations.

SUNFLEX SF45
Non-thermally broken aluminium bifold doors - available with single or double glazing

A non-thermally broken aluminium bifold door system, the SF45 is most often utilised as an internal room divider, allowing open plan spaces to be partitioned, reducing sound transmission between rooms or stopping kitchen smells spreading.

- The same unique features, security and advanced engineering as the SF55
- Bespoke panels manufactured up to 1200mm wide, fitted with a flush track for seamless floor detail
- Available single or double glazed.
**SUNFLEX SF75**

Ultra thermally efficient aluminium bifold doors with industry leading weather protection

The SUNFLEX SF75 bifold doors have been specifically designed to offer the best in thermal efficiency - an extremely low U-Value, eco-friendly folding door system. This market leading system provides the lowest in CO₂ emissions associated with reduced energy consumption and considerable savings in heating bills.

**Designed for efficiency** – a unique bifold door system, specifically designed to accommodate a triple glazed sealed unit. The advanced engineering and clever technology enables the system to perform to the highest levels of thermal efficiency, as well as maintaining the stunning visual appearance, slim sight lines and configuration options of the award-winning SF55. Unlike competitors’ systems that use the same profile to accommodate double glazing and triple glazing, the SF75 has been designed and developed specifically to offer the ultimate levels of performance and the flexibility for everyday use.

**SF75 KEY FEATURES**

- The most thermally efficient aluminium bifold door system on the market
  - With overall U-values down to just 0.9W/m²K
- Narrow sight lines
  - 115mm – maximising light and enhancing your view
- The most weathertight bifold doors available
  - Continuous interlocking triple gasket, front and back, for finger cushioning and tight compression seals
- Severe weather rating
  - With weathered track, providing industry leading protection from wind and rain, with test results of 900Pa water tightness and 600Pa air permeability
- Extremely versatile
  - Up to 1,200mm wide panels, 3,500mm high, open in or out, low-threshold or weathered track option
- Panel catch
  - Unique panel catch holds first door in place on odd numbered door configurations
- Stacking clip
  - Innovative stacking clip secures system when doors are fully opened
- Secured by Design
  - Designed and installed to Police preferred specification
- Corner openings
  - Can be achieved with integration of a moveable corner post
- Patented thermal break
  - Advanced 44mm multi-chambered polyamide thermal break
- Secured part-vent position
  - A unique addition that allows room ventilation without having to open the doors
- BSI Kitemark
  - The only German-designed and manufactured bifold doors with the prestigious BSI Kitemark accreditation
- PAS 23/24
  - The doors meet and exceed the requirements of Part Q of Building Regulations
- Multipoint locking
  - Locking into the side jamb, coupled with top and bottom metal shoot bolt rods, gives excellent security. WK2 security package available
- Composite option
  - Also available with internal timber cladding (SF75c)

**SF75 Track options**

**SF75 U-Values**

<table>
<thead>
<tr>
<th>U-value of glass (W/m²K)</th>
<th>Overall system U-value (W/m²K)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6 Triple glazed</td>
<td>1.0</td>
</tr>
<tr>
<td>0.5 Triple glazed</td>
<td>0.9</td>
</tr>
</tbody>
</table>

**SF75 Track options**

- Weathered track on sill
- Low threshold track with no sill

**SF75 U-Values**

- Finished exterior floor level
- Finished interior floor level
- 0.6 Triple glazed
- 0.5 Triple glazed
- 1.0 Overall system U-value
A unique range of custom made features, options and finishes

There are over 200 RAL colours to choose from, a dual colour option giving different colours to the inside and outside is available as an additional extra. We have chosen five of our most popular finishes as standard stacked colour finishes, which are Graphite Black RAL 9011 matt, Slate Grey RAL 7015 matt and Anthracite Grey RAL 7016 semi-gloss. We can offer these to our customers at a competitive price as well as a faster delivery.

There is the option to have different colours on the interior and exterior sides of the doors, which is perfect if you are trying to match interior décor or exterior hardware. Handles and hinges can also be colour coded to match your choice of door colour, as well as the ever-popular choice of stainless steel door furniture.

Complete glazing solutions, whatever your project...

Award-winning bifold doors, sliding doors and glazing solutions – all made to fit your home perfectly.

Transforming your home needs an experienced and safe pair of hands, so choosing the right company to work with is important. At IDSystems, we’re the market leader in providing multi-award winning glazing solutions for all types of projects – extensions, renovations, self-builds and complete new homes. We guarantee the highest standards of advice, build quality, design and bespoke installation for your complete peace of mind. As a family business founded in 2000, we’ve built an outstanding reputation for quality, service, expertise and some of the most exciting and innovative designs. From your very first contact with us, you’ll know that you’re dealing with an industry leader. From our initial designs and technical advice to liaison with architects and builders, creating working CAD drawings and the logistics of final installation, our own staff will be with you every step of the way.