



 **Abode**
BI-FOLDING DOORS

Product Guide



Transform your Property into your dream home with our stunning range of ultra slim sliding doors and bi-folding doors.

We are Home Improvement Specialists; supplying and installing high quality Aluminium Bi-Folding doors, Sliding Doors, Windows and Residential Doors. All manufactured in the UK to the highest standard with a 10 year guarantee and installed by our experienced, accredited team at affordable prices with short lead times.

Our Passion is to help you achieve your own grand design. With our knowledge and expertise in our Industry we can help you choose the right product to suit your project from our extensive range of high-quality aluminium products.



Services We Offer:

- Extensions and Garden Rooms
- Bi-Folds
- Windows
- Sliding Doors
- Front Entrance Doors
- Architectural and Design Services

If you would like a no obligation consultation, to discuss your next Home Improvement, view the products and browse our range of colours and designs, book an appointment at our show room on **01224-959123 / info@abode-bifoldingdoors.co.uk**.

Whether you're revamping your existing space or adding an extension our lightweight yet robust Aluminium Bifolds and Sliders are a great choice; allowing natural light to flow in creating your dream living space.

AS130

Lift & Slide - Low Threshold - Fully Weather Rated



- Precision Lift & Slide hardware
- Max height of 2700mm or 300kgs
- Double or triple track option
- Low fully weather rated threshold PAS24 options
- Open corner option
- Slim interlock on 2 track models
- Incredible U Values down to 1.1 W/m²k

PERFORMANCES												
ENERGY												
	Thermal insulation ⁽¹⁾	Uw of 1.1 W/m ² K depending on frame size and vent combination										
COMFORT												
	Air tightness, max. test pressure ⁽²⁾ EN 12207	1 (150 Pa)			2 (300 Pa)			3 (600 Pa)		4 (600 Pa)		
	Water tightness ⁽³⁾ EN 12208	1A (0 Pa)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	E900 (900 Pa)	
	Wind load resistance, max. test pressure ⁽⁴⁾ EN 12211; EN 12210	1 (400 Pa)		2 (800 Pa)		3 (1200 Pa)		4 (1600 Pa)		5 (2000 Pa)		Exxx (> 2000 Pa)
	Wind load resistance to frame detection ⁽⁴⁾ EN 12211; EN 12210	A (1/150)			B (1/200)			C (1/300)				
SAFETY												
	Burglar resistance ⁽⁵⁾ ENV 1627 – ENV 1630	WK1				WK2			WK3			

This table shows possible classes and values of performances. The values indicated in **Green** are the ones relevant to this system.

- (1) The Uw-value measures the heat flow. The lower the Uw-value, the better the thermal insulation of the frame.
- (2) The sound reduction index (Rw) measures the capacity of the sound reduction performance of the frame.
- (3) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.
- (4) The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.
- (5) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the windforce. There are up to five levels of wind resistance (1 to 5) and three deflection classes (A,B,C). The higher the number, the better the performance.
- (6) The burglar resistance is tested by statistical and dynamic loads, as well as by simulated attempts to break in using specified tools.



AF68

Bifolds with unique adjustment mechanism



- Easy to install
- Moveable jamb for lateral adjustment of locking for perfect closing
- Slim sightline of just 131mm across 2 meeting doors
- Choice of threshold options
- Technical drawings for easy surveying
- PAS24 option
- 2-week delivery
- Top quality hardware





TECHNICAL SPECIFICATION

VARIANTS		Flush threshold	Low threshold	Double weather seal	High performance
VISIBLE WIDTH / HEIGHT	Frame / threshold	0-15mm	9-30mm	23-44mm	23-74mm
	Frame-vent section	100mm			
	Vent-vent section	131mm			
OVERALL SYSTEM DEPTH		68mm			
MAXIMUM ELEMENT HEIGHT		2,500mm			
MAXIMUM VENT WEIGHT		90kg			
REBATE HEIGHT		14mm			
GLASS THICKNESS		12-55mm			
GLAZING METHOD		Dry glazing with EPDM or neutral silicones			
THERMAL INSULATION		23mm, 27.5mm and 32mm fibreglass-reinforced polyamide strips			
HIVARIANT		Extra insulation foams			

PERFORMANCE

VARIANTS		Flush threshold	Low threshold	Double weather seal	High performance
U-VALUE TRIPLE-GLAZED ⁽²⁾		Down to 1.1 W/m ² K			
U _f VALUE (EN ISO 10077-2) ⁽¹⁾		Down to 1.8 W /m ² K			
MAXIMUM VENT WEIGHT		90kg			
SECURITY ⁽³⁾		Not applicable	RC2, PAS24 and Secured by Design		
AIR-TIGHTNESS (EN 12207) ⁽⁶⁾		Not applicable	Class 4	Class 4	Class 4
WIND-RESISTANCE (EN 12210; EN 12211) ⁽⁵⁾		Not applicable	Class C1/B3	Class C2/B3	Class C2/B3
WATER-RESISTANCE (EN 12208) ⁽⁴⁾		Not applicable	Class 5a(200Pa)	Class 7a(300Pa)	Class 9a(600 Pa)

(1) The U_f value measures the transfer of heat across the frame.

(2) Door measuring 4,000mm x 2,500mm with a U_g of 0.6 W/m²K.

(3) The security is tested by static and dynamic loads, as well as by simulated attempts to break in using specified tools. This variant requires specific accessories.

(4) The water-tightness test involves applying a uniform waterspray at increasing air pressure until water penetrates the window.

(5) The wind-resistance test is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate wind force.

(6) The air-tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

Please refer to Reynaers' CE passport for all technical data including size limitations.

AS68 Slim Line Sliding Patio Doors

68mm Depth - Perfect for Refurb & Replacements



Offer your customers something different to BiFolding Doors with superior sightlines.

- Slim patio with 34mm meeting section - less obstruction equals better views
- 68mm depth outer frame - perfect for replacement/refurb projects
- 2500mm maximum sash height
- Double & triple track options offer a vast range of opening styles
- High security locking
- Open corner option
- Thermally broken for great U values

PERFORMANCES												
ENERGY												
	Thermal insulation ⁽¹⁾ EN 10077-2	Uw value down to 1.6 W /m2K depending on frame/vent combination										
COMFORT												
	Acoustic performance ⁽²⁾ EN ISO 140-3; EN ISO 717-1	Rw (C; Ctr) = 38 (-2; -4) dB depending on the glazing type										
	Air tightness, max. test pressure ⁽³⁾ EN 12207	1 (150 Pa)		2 (300 Pa)		3 (600 Pa)		4 (600 Pa)				
	Water tightness ⁽⁴⁾ EN 1027; EN 12208	1A (0 Pa)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	9A (900 Pa)	
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	Wind load resistance, to frame detection ⁽⁵⁾ EN 12211; EN 12210	A (<1/150)		B (<1/200)		C (<1/300)						
SAFETY												
	Burglar resistance ⁽⁵⁾ ENV 1627 – ENV 1630	WK1			WK2			WK3				

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- (6) The air-tightness test measures the volume of air that would pass through a closed window at a certain air pressure.





Address

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Viewings to be arranged by appointment only on 01224-959123