

Concept Folding 68

Aluminium Sliding Folding Door



The Concept Folding 68 aluminium bi-folding door system combines stylish design, quality, comfort and space efficiency to bring the outdoors inside.

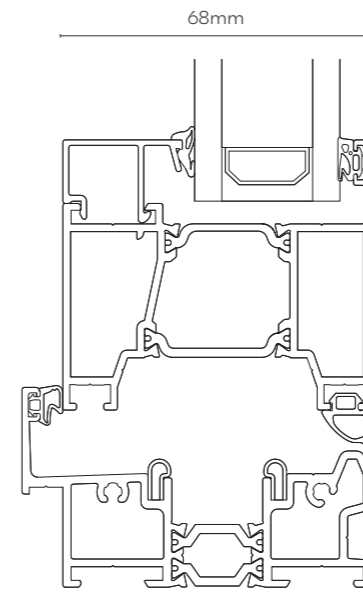
The flexible range of possibilities to unfold numerous glass panes makes the borders between the interior and exterior literally disappear.

This bi-folding door system is available in many colours and finishes. There is the option of having a different colour for the interior and the exterior, to perfectly match the building.



Available in many options

- 1 Choice of glazing materials in single, double or triple skin
- 2 Weathertight gaskets
- 3 Vent rebate for improved weather performance
- 4 Many frame colour options
- 5 Thermal break



Elegant design with minimal visual impact

Your choice of Concept Folding 68 guarantees a complete freedom in design. The system can be used to fold open to the inside or to the outside, from 1 up to 7 opening leaves, removing all borders and blending interior into exterior!

Besides the standard door hardware solution, Concept Folding 68 can feature a main door principle, in which the first leaf is used as an entrance door without affecting the other folding leaves. This entrance door is equipped with a handle on both sides, so it can be accessed from the outside.



Excellent thermal performance

The Concept Folding 68 offers industry-leading insulation values without compromising on the appearance of the door. The result is a door that will keep heat loss through the door to a minimum, withstand the worst that the British weather has to throw at it, and will help reduce energy bills.

- Double and triple glazed options
- Unique thermal insulation profiles
- U-value as low as 1.2 W/m²K (triple glazed)
- Door energy rating up to A (triple glazed)



Safe and secure

Designed and tested to the most stringent security standards, the Concept Folding 68 has been awarded the Secured by Design and PAS24 accreditations, providing complete peace of mind to the homeowner.

- One of the most secure bi-folding doors available
- Secured by Design and PAS24 accreditations
- Enhanced security with anti-lift pins
- Multi-point locking mechanism
- Lockable handles

Find out more...

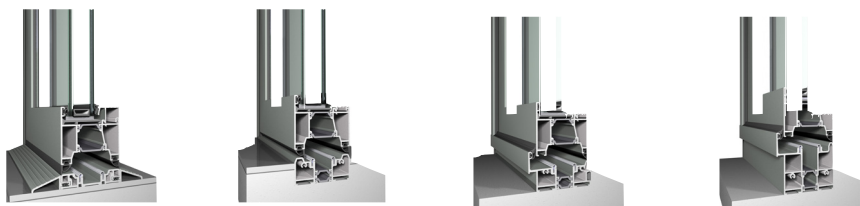
For full technical specifications:
call 0121 421 1999
email reynaersltd@reynaers.com
or visit reynaers.co.uk



Police Preferred Specification

Technical specifications

In order to meet all comfort and aesthetic requirements, OF 68 is highly thermally insulated and is available in four different threshold solutions, from high performance to low and even flush thresholds. With regard to safety, the system is available with a burglar resistance rating PAS24, offering a high level of safety for your home.



Variants		Flush threshold	Low threshold	Double weather seal	High performance
Visible width/height (mm)	Frame/threshold	0-15	9-30	23-44	23-74
	Frame-vent section	100	100	100	100
	Vent-vent section	131	131	131	131
Overall system depth (mm)		68	68	68	68
Maximum vent height (mm)		2426	2426	2426	2426
Maximum door leaf width (mm)		1200	1200	1200	1200
Maximum vent weight (kg)		120	120	120	120
Rebate height (mm)		14	14	14	14
Glass thickness (mm)		from 6 to 55			
Glazing method		Dry glazing with EPDM or neutral silicones			
Thermal insulation		23mm, 27.5mm and 32mm fibreglass reinforced polyamide strips			
HI variant		Extra insulation foams			

Performance data

Variants	Flush threshold	Low threshold	Double weather seal	High performance
Thermal Insulation ¹ EN ISO 10077-2	Uf-value down to 1.8W/m ² K(*), depending on the profile combination			
Air tightness, max. test pressure ² EN 12207	Not applicable	Class 4	Class 4	Class 4
Water tightness ³ EN 12208	Not applicable	Class 5A	Class 7A (200 Pa)	Class 9A (600 Pa)
Wind load resistance, max. test pressure ⁴ EN 12211; EN 12210	Not applicable	Class B3	Class C2	Class C2
Burglar resistance ⁵ ENV 1627 – ENV 1630	Not applicable	PAS24	PAS24	PAS24

Notes

This table shows classes and values of performances, which can be achieved for specific configurations and opening types.

¹ The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.

² The air tightness test measures the volume of air that would pass through a closed door at a certain air pressure.

³ The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the door.

⁴ 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 wind force. 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.

⁵ The burglar resistance is tested by static and dynamic loads, as well as by simulated attempts to break in using specified tools.

This variant requires specific burglar resistance accessories.

* Value for HI variant



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