

SL 68 Windows

Reynaers' Slimline 68 window system is specifically designed to meet the demand for an outward-opening window with very slim profiles.

Particularly suited to use in residential properties, this window maximises the glass area to let in lots of natural daylight. The slim frames and clean lines make this window ideal for both contemporary and more traditional properties, as the design of the window

mimics the sight lines of the original steel-framed windows. Its 68mm frame depth makes it perfect as a replacement window as it usually fits within the existing plaster line.

SlimLine 68 vents can be glazed from the inside as well as the outside, and are available on a standard and a HI insulation level.



Reynaers
at Home

Together for better

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Warm and cosy

One of the most noticeable differences for many homeowners is how warm and cosy their home feels once their new windows and doors are in place. The SL 68 is designed to offer class-leading insulation levels without compromising on the appearance of the window. The result is a window that will keep heat loss through the window to a minimum, withstand the worst that the British weather has to throw at it, and will help keep your energy bills down.

- Industry-leading thermal insulation
- Double and triple glazed options
- Unique thermal insulation profiles
- U-value as low as 1.0 W/m²K
- Window energy rating up to A++

Safe and secure

Reynaers SL 68 window is designed and tested to the most stringent security standards. Knowing that this window has been awarded the Secured by Design accreditation means you can rest assured that your home, your family and your prized possessions are as safe as can be from would-be intruders.

- One of the most secure windows available
- PAS24
- Secured by Design
- Enhanced security with hinge-side security brackets
- Multi-point locking mechanism
- Lockable handle

Peace and quiet

Not only is the frame of the SL 68 window designed to help eliminate unwanted noise, the system is also flexible enough to allow a glazed unit up to 43 mm thick to be specified. This makes it possible to incorporate some quite sophisticated acoustic glazing, which makes a huge difference if you live near a busy road, a railway or an airport.



Tried and tested

The SL 68 window was designed by a highly experienced team of engineers at Reynaers' purpose-built, world-class design and testing facility. As with all Reynaers products, this window has been put through the most stringent test regime, ensuring that it is one of the highest-performing and most reliable windows available.

- Premium quality materials
- Highest levels of performance
- Industry-leading weather resistance

As individual as you are

All Reynaers windows and doors are made to meet your exact requirements. From the design of the window to the colour of the frame and handle, there are almost unlimited options. When you choose Reynaers at Home, you can make your windows and doors truly individual, a design statement to be proud of.

- Huge range of design options
- Hundreds of colour options
- Different colour inside and out
- Optional trickle vent
- Choice of handles

Technical characteristics

Design variant		Functional
Min. visible width outward-opening window	Frame	15mm
	Vent	50mm
Min. visible width T-profile		50mm
Overall system depth window	Frame	68mm
	Vent	68mm
Rebate height		18mm
Glass thickness		up to 43 mm
Glazing method		dry glazing with EPDM or neutral silicones
Thermal insulation		omega-shaped fibreglass reinforced polyamide strips (32 mm)
High Insulation variant (HI)		available

Performances

Energy											
	Thermal insulation ⁽¹⁾ EN 10077-2	Uf-value down to 2.6 W/m ² K depending on the frame/vent combination and the glass thickness. Uw ≥ than 1.4 W/m ² K for a standard window section ⁽²⁾									
Comfort											
	Acoustic performance ⁽³⁾ EN ISO 140-3; EN ISO 717-1	Rw (C; Ctr) = 36 (-1; -5) dB / 47 (-2; -7) dB, depending on glazing type									
	Air-tightness, max. test pressure ⁽⁴⁾ EN 1026; EN 12207	1 (150 Pa)	2 (300 Pa)			3 (600 Pa)			4 (600 Pa)		
	Water-tightness ⁽⁵⁾ 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)	E1050 (>1050 Pa)
	Wind load resistance, max. test pressure ⁽⁶⁾ EN 12211; EN 12210	1 (400 Pa)	2 (800 Pa)	3 (1200 Pa)		4 (1600 Pa)	5 (2000 Pa)		E2400 (2400 Pa)		
	Wind load resistance to frame deflection ⁽⁶⁾ EN 12211; EN 12210	A (≤ 1/150)			B (≤ 1/200)			C (≤ 1/300)			
Safety											
	Burglar resistance ⁽⁷⁾ ENV 1627 - ENV 1630, UK SBD PASS	PAS 24:2016									

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

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

⁽²⁾ Window dimension of 1.23m x 1.48m, with glass of 1.1 W/m²K.

⁽³⁾ The sound reduction index (Rw) measures the capacity of the sound reduction performance of the frame.

⁽⁴⁾ The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

⁽⁵⁾ The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.

⁽⁶⁾ 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.

⁽⁷⁾ 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



Reynaers at Home

Our partners

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Why Reynaers?

For over 50 years, Reynaers Aluminium Ltd has been designing cutting-edge glazing solutions for some of the most iconic buildings in the world.

Engineered without compromise, our ranges of aluminium windows, doors and curtain wall systems have been specified time and again by the world's leading architects and construction companies.



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