



SlimLine 38 Windows & Doors

Reynaers SlimLine 38 windows and doors have been designed to replicate the 'steel look' or crittal style used in many traditional UK homes. The SL 38 offers the highest levels of performance with excellent levels of security, weather resistance and thermal insulation.

With its slender look, SL 38 is the perfect window and door for modern homes as well as for the renovation of steel-frames, where respecting the original design is of utmost importance.



Warm and cosy

The SL 38 system 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 or triple glazed options
- Unique thermal profiles
- U-value as low as 1.4 W/m²K

Safe and secure

Reynaers SL 38 windows and doors are designed and tested to the most stringent security standards. Knowing that the 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
- Multi-point locking mechanism
- Lockable handle

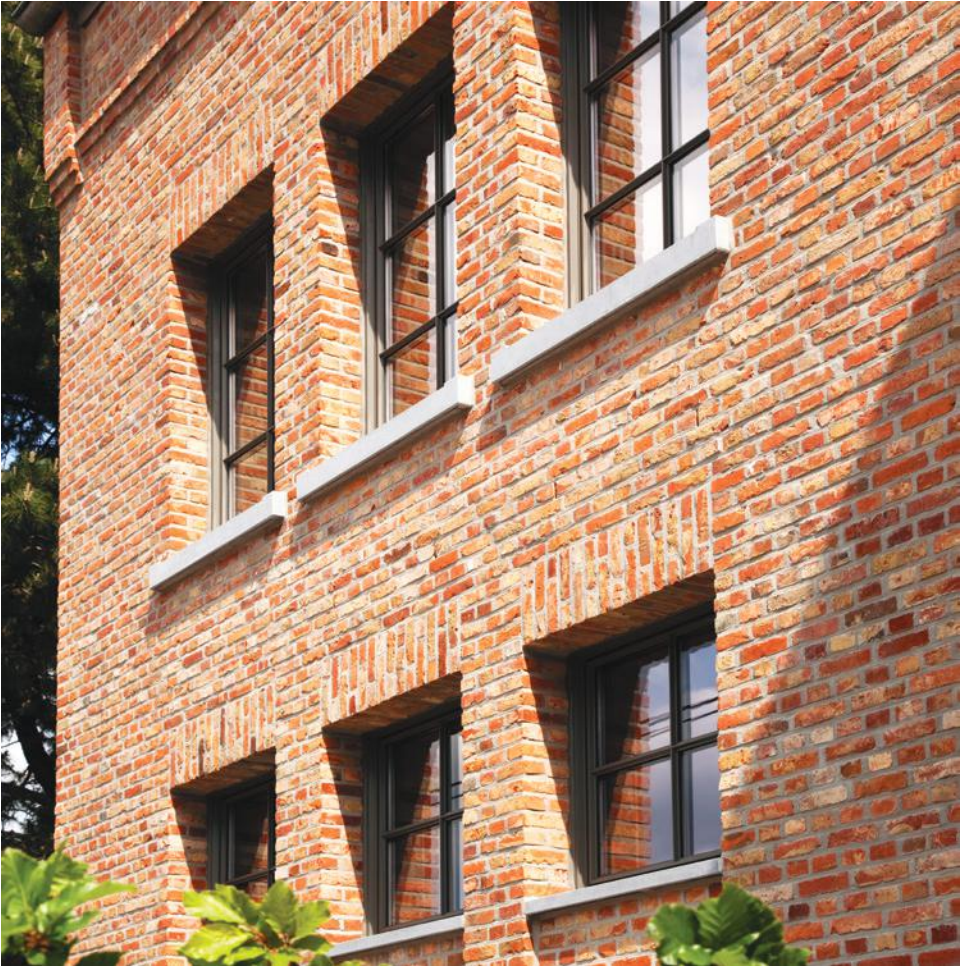
Sleek and elegant

With its minimalistic frame and ultra-slim profiles, Reynaers at Home's SL 38 combines elegant design, stability with market-leading energy efficiency.

The SL 38 system is available in three very different minimalistic design variants, Classic, Ferro and Cubic; to perfectly match the architectural aspects of your home. These beautiful windows and doors can be provided with double or triple glazing without losing the ultra-slim look.



Classic Ferro Cubic



Tried and tested

SL 38 windows and doors have been designed by a highly experienced team of engineers at Reynaers' purpose-built, world-class design and testing facility. As with all Reynaers products, this system has been put through the most stringent test regime, ensuring that it is one of the highest-performing and most reliable windows and doors system available.

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

Endless design possibilities

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.

Performances

Energy											
	Thermal insulation ⁽¹⁾ EN 10077-2	Uf-value down to 1.7 W/m²K depending on the frame/vent combination and the glass thickness. Uw of less than 1.4 W/m²K for a standard window section ⁽²⁾									
Comfort											
	Acoustic performance ⁽³⁾ EN ISO 140-3; EN ISO 717-1	Rw (C; Ctr) = 38 (-1; -4) dB / 45 (-1; -5) 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)	E (1200 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)	E _{XXX} (≥2000 Pa)
	Wind load resistance to frame deflection ⁽⁶⁾ EN 12211; EN 12210	A (≤ 1/50)				B (≤ 1/200)				C (≤ 1/300)	
Safety											
	Burglar resistance ⁽⁷⁾ PAS 24	PAS 24									

This table shows possible classes and values of performances. The values indicated in red 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 accessories.



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Part of the Reynaers family

