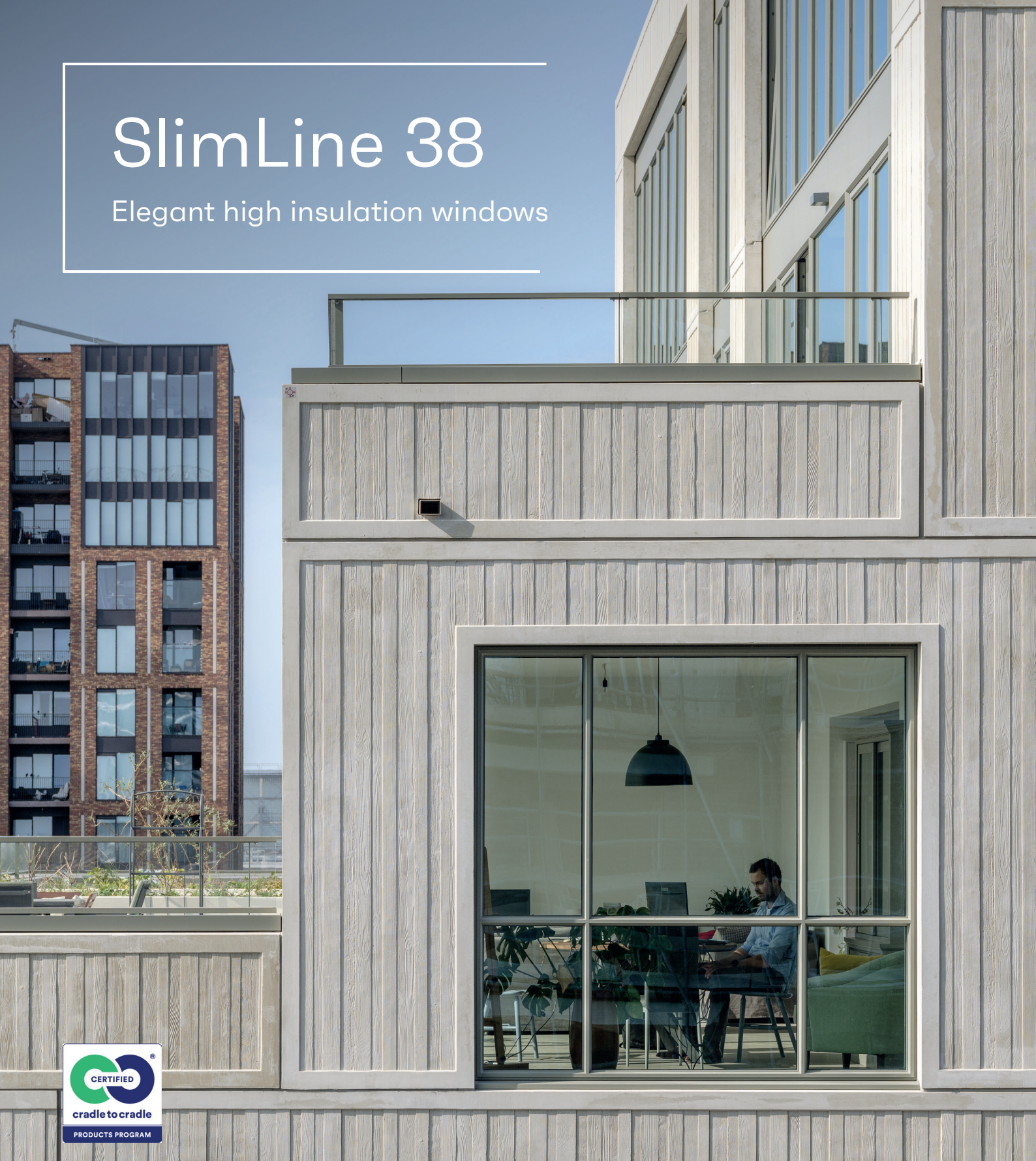


SlimLine 38

Elegant high insulation windows



R

Reynaers
Aluminium

With 60 years of global product development,
7 testing centres worldwide and products that
are easy to fabricate and install, you can be
reassured with Reynaers Aluminium.

Together for better

www.reynaers.co.uk

Ultra-slim, bright, and elegant design

If you are looking for slender high-performance windows that let in lots of natural daylight, **SlimLine 38** by Reynaers Aluminium could be the perfect fit for your next project.

Suitable for both minimalistic new-builds and renovation projects, the timeless 'steel look' window system blends perfectly with any architectural style whilst maximising natural sunlight with slim sightlines.

Multiple design options, with safety variants such as burglarproof (RC2 / PAS 24), and a wide range of opening types help you create the ideal window solution for your unique building project.

What's more, SlimLine 38's low-carbon, Cradle To Cradle® certified design matches all your sustainable building needs, today and tomorrow.



Futureproof and durable.

As less material is needed to create the slender yet sturdy windows, SlimLine 38's carbon footprint is remarkably low. Moreover, the Cradle To Cradle® certified profiles are 100% recyclable, while the systems' high-insulation variants help you meet all of your low-energy building needs. Enjoy excellent thermal performance all year long.



Slim steel-look design.

SlimLine 38 windows combine a timeless steel-look design with all the benefits of aluminium profiles. Tradition meets modern day technology as the high-performance system offers slim aesthetics and an abundance of natural light. Easily create impressive views with slender opening vents of up to 2.8 metres in height.



High-quality finishing in every detail.

Premium design is most visible in the finest of details. For SlimLine 38, this means all hardware, including hinges and drainage options, is subtly concealed inside the ultraslim profiles. Even burglarproof and fireproof upgrades are available with this refined solution. Its versatility makes it the perfect system for a host of projects.



SlimLine 38 Window Options



Concealed drainage

Thanks to the concealed drainage option, you no longer need plastic cover caps to hide drainage holes. As a result, you can benefit from clean lines, minimalistic design, and excellent performance as the water flows away.



Concealed hinges

The difference often lies in the smallest of details. That is why subtly concealed hinges are the ultimate finishing touch for your windows and doors. With the hardware hidden from sight, you get a clean look both when the system is opened or closed.



Glass balustrade

Safety can equal beauty. We enhance our windows with this elegant glass barrier to avoid accidents, especially in high-rise buildings. Residents can still let in fresh air, without any worries.



Flyscreen

We offer flyscreens in two variants: traditional and visible, or integrated and concealed flyscreens. Often overlooked at first, it is one of the most popular options amongst our customers.

Photo: @hereandnowagency



Design

You recognise minimalistic SlimLine windows by their elegant and ultraslim look. Whether you choose the system's Classic, Cubic, or Ferro design variant, you always get that steel-look appearance which matches every type of building style. But beautiful design does not mean lack of quality. SlimLine 38 High Insulation windows offer the perfect low-energy upgrade to your project, all while keeping its visible sightlines to a minimum.

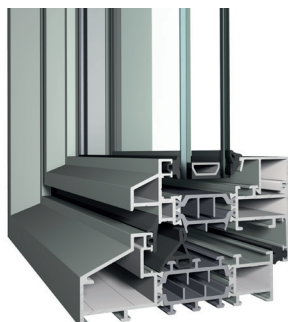


Sustainability

SlimLine 38 windows are always a responsible choice. This Cradle To Cradle® certified system has a high insulation variant and features ultraslim profiles which require less aluminium to make. As a result, the windows have a lower embodied carbon level than most competitor systems. What's more, aluminium is 100% recyclable, which means you can re-use it an infinite amount of times without loss of quality.

SlimLine 38 frame options

Classic



Cubic



Ferro



Technical specifications

Minimum visible widths (mm) (inward opening window)	Frame	33.5
	Vent	23
Overall system depths (mm)	Frame	99
	Vent	86
Minimum visible width T-profile (mm)		48
Rebate height (mm)		13.5
Glass thickness (mm)		Up to 55
Glazing method		Dry glazing with EPDM or neutral silicones
Thermal insulation		Omega-shaped fibreglass reinforced polyamide strips
High insulation variant (HI)		Available

Performance data

Thermal Insulation ¹ EN ISO 10077-2	Uw ≥ 0.96W/m²K for a standard window section ² depending on the frame/vent combination and the glass thickness
Acoustic performance ³ EN ISO 140-3; EN ISO 717-1	Rw (C; Ctr) = 45 (-1; -5) dB, depending on glazing type
Air tightness, max. test pressure ⁴ EN 1026; EN 12207	600Pa (Class 4)
Water tightness ⁵ EN 1027; EN 12208	600Pa (Class 9A)
Wind load resistance, max. test pressure ⁶ EN 12211; EN 12210	1600Pa (Class C4)
Wind load resistance to frame deflection ⁶ EN 12211; EN 12210	C (≤ 1/300)
Burglar resistance ⁷	PAS 24 - RC2

Notes

This table shows possible performance classes and values and is a guide only.

To obtain exact performance values for your chosen system configuration please contact a member of our Technical Team.

¹ The Uw-value measures the heat flow. The lower the Uw-value, the better the thermal insulation of the window.

² Window dimension 1.23m x 1.48m.

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.



111 Hollymoor Way, Northfield,
Birmingham B31 5HE

T 0121 421 1999
E reynaersltd@reynaers.com

www.reynaers.co.uk