

SlimWall 35

Curtain Wall



Combines slim visual appearance with Passive House performance



Extensively tested to CWCT and full ASTM standards



Ideal for low-rise projects and Grand Designs homes



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

Beauty in Simplicity

When designing contemporary buildings, how do you create an inviting building envelope that is both functional and minimalistic? Our development team embraced the challenge and came with an elegant solution: the SlimWall 35 façade system.

The latest innovation in the range of Reynaers Aluminium curtain walls helps you create broad views and a comfortable indoor climate. Its ultraslim, Passive House certified design offers a sustainable answer to all your building needs.

SlimWall 35 features sturdy yet minimalistic profiles that allow for vast glass surfaces. Experience openness and comfort with an abundance of natural daylight, whilst being greeted by an elegant façade that connects seamlessly with other (opening) elements. This combination makes SlimWall 35 an ideal match for spacious homes or airy public buildings, such as restaurants or shops.



Minimalistic Design and Creative Freedom

SlimWall 35 provides unlimited creative freedom. Its slender 35mm profiles match perfectly with our premium HiFinity sliding doors. Combine SlimWall 35 with other Reynaers Aluminium systems – such as curtain walls, windows and doors – to create a one-of-a-kind, contemporary building envelope.



Embedded Sustainability

SlimWall 35 has been created with future generations in mind. Our engineers have optimised the system’s production process to limit waste. For instance, we use the same insulator for all glass thicknesses, and the elements feature identical gaskets both vertically and horizontally. Moreover, installed with optional triple glazing, the elegant stick façade offers Passive House Certified thermal insulation.



Safe and Secure Solution

Based on decades of expertise, SlimWall 35 offers protection without exception. This safe and secure system has an optional burglarproof (RC2) variant, with elevated elements including high-insulation glass panels. Safety and comfort come together in one neat façade solution.

SlimWall 35 Curtain Wall Options



Cover caps

Choose the look that fits your project with clip-on aluminium cover caps. HiFinity cover caps are compatible with SlimWall 35. The result: elegant and uniform façades that speak to the imagination.



Solar shading

This façade solution is compatible with solar shading mounted directly onto the building envelope. Create passive cooling mechanisms to improve indoor temperatures all year round.



Concealed drainage

The SlimWall 35 drainage system is fully integrated and neatly hidden from sight. As a result, benefit from clean lines, minimalistic design, and excellent performance as the water flows away.

Efficient Design

At Reynaers Aluminium, we try to make our partners’ lives easier by offering efficient high-quality solutions. SlimWall 35 is an easy-to-install stick façade that can carry elements of up to 450 kilograms. Its dedicated tooling and glass supports always result in a neat and professional finish, even at challenging building sites. No need for screws, as the patented glass supports slide into the element, offering a fast and intuitive solution.



Sustainability

SlimWall 35 offers an elegant, slender façade solution for modern buildings that are ready for the future. The elements feature less aluminium content, and when you combine this slim façade with triple glazing, you can easily reach Passive House levels of thermal insulation. When considering performance, comfort and looks, it is hard to beat SlimWall 35.

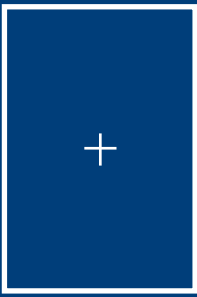


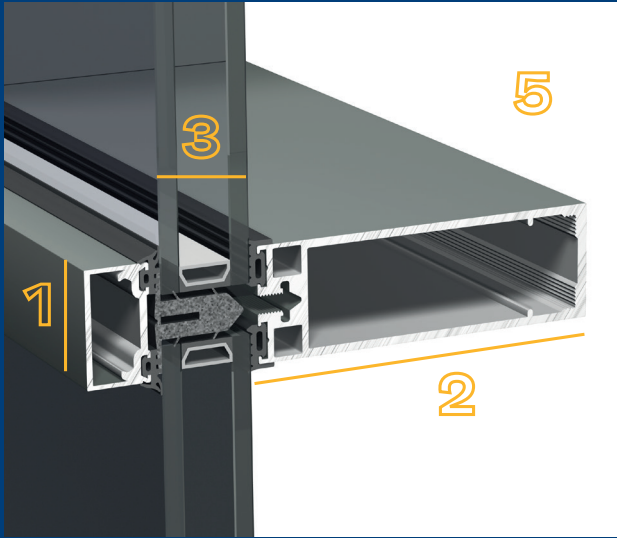
SlimWall 35

Curtain Wall Dimensions

For maximum width and height combination, always check the catalogue.

Maximum weights (kg)

	
Outward Opening	Fixed
180	450



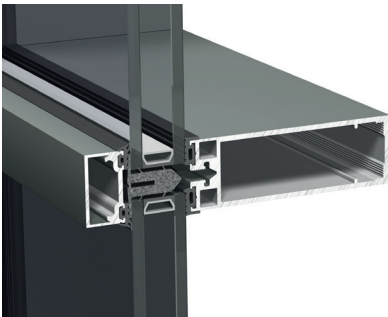
Visible dimensions (mm)

1	Visible width	35
2	Depth mullion	Variable
3	Glass thickness	24 - 57

SlimWall 35 Variants

Mullion Transom

Thermal value - Uw (W/m²K)	As low as 0.80
Air leakage	A4 (600pa)
Water tightness	R7 (600 Pa) Static and Dynamic
Wind load resistance	2400 Pa Serviceability 3600pa Safety
Impact Resistance	I5 and E5
Burglarproof	RC2



SlimWall 35 can be combined with CW Opening Elements, which is our façade specific solution that is compatible with all Reynaers systems.

More information can be found on our website.



Performances and properties depend on size, profile combinations, hardware and infill choices. Please contact your Reynaers Aluminium representative.



Performs exceptionally, **tested extensively**

SlimWall 35 is the UKs only 35mm Curtain Wall system to achieve both CWCT and full ASTM testing standards - a testament to its durability.

The following tests were carried out:

- CWCT (including Sequence B)
- Full ASTM testing
- I5 and E5 Impact tests
- Rigorous hosepipe tests
- EPDM perimeter membrane rating - ‘Reaction to fire classification B-s2, d0’*

*Refer to Reynaers UK Technical team for further information.

Part of our wider range of Curtain Wall products

SlimWall 35 extends our range of aluminium façades, with tested solutions for all of your building needs.

SlimWall 35 is one of our extensive range of high performance façade systems designed for modern architectural and building needs - from fully glazed curtain walls to slim stick façades and pre-assembled unitised solutions.

With one of the largest third party accredited façade test facilities in Europe, compliance is our focus right from the start.

ABOUT REYNAERS ALUMINIUM

“Our goal is to increase the value of buildings and to enhance the living and working environment of people worldwide.”

As a part of the Reynaers Group, Reynaers Aluminium is a leading specialist in the development, distribution and commercialisation of innovative and sustainable aluminium architectural solutions. These include a wide variety of window and door systems, curtain walls, sliding systems, and conservatories. Besides the extensive range of standard solutions, we also develop customised solutions, tailored to the individual customer or project.

Reynaers Aluminium was founded in 1965 and currently employs over 2,600 people in over 40 countries worldwide, exporting to more than 70 countries on 5 continents.

The company's success is strengthened by our close partnership with 5,000 partner fabricators, architects, and project developers worldwide. This unique cooperation reflects in our motto: Together for better.

At the Reynaers Campus, we focus on sharing knowledge and experience with architects, fabricators, contractors and other building partners while inspiring with new technologies. Next to the Technology, Training and Automation Centre, the Reynaers Campus also has its own Experience Centre where future buildings can be explored in our virtual reality room Avalon.

Reynaers UK has an Knowledge Centre based in Birmingham that offers in-house training for our customers.

For more information: www.reynaers.co.uk



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