

SKYLINE SLIDING | series 78 Modern with embedded bottom track

MINIMALIST TIMBER-ALUMINIUM LIFT AND SLIDE DOOR with double glazing

Skyline Sliding is Carminati's minimalist manual lift-and-slide system in timber–aluminium, designed for those seeking the slimmest profile available on the sliding window market—without compromising performance. With a visible profile of just 37 mm and a fixed frame measuring 45 × 217 mm, it optimizes the ratio between glazed surface and structure. The system configuration ensures seamless visual continuity between interior and exterior, reducing the perception of architectural boundaries and enhancing transparency as a primary design feature.

The extremely slim timber profiles are manufactured in-house with high-precision processes and artisanal finishing. The external metal cladding protects the timber frame from atmospheric agents, increasing long-term durability and reducing maintenance requirements. Thanks to the recessed track sliding system, the horizontal rail and vertical mullion share the same section, ensuring a strict and essential visual continuity and expressing a highly refined architectural language.

Carminati patented technology

The Skyline sliding system with recessed floor track is the result of a patent developed in 2012. The fiberglass guide, manufactured as a single monolithic block, integrates both the rail and sliding system, ensuring strength and long-term durability. A flexible sealing strip protects the track cavity from dust and debris, maintaining smooth and effortless operation over time. This solution enables the easy movement of even very large sashes, with minimal visual impact. The recessed track creates a flush, level continuity between interior and exterior spaces, enhancing both comfort and architectural quality. Each lift-and-slide system is made to measure: our technical department is available to develop the most suitable solution for the project's requirements, going beyond standard dimensional limits.

Technical specifications – Skyline Sliding series 78 Modern

Visible sash thickness	37x87 mm	Ug value	1.0 W/m²K
Fixed frame profile	45x217 mm	Hardware burglar resistance classification	RC2 (RC3 on request)
Minimum standard glazing	33.1/24/33.1 Argon + Low-E	Maximum sash dimensions and weight	6000x3000 mm
Water tightness	Class 9A (EN 12208)		manual opening < 400 kg
Air permeability	Class 4 (EN 12207)		manual opening with steel accessories
Wind resistance	Class C1 (EN 12210)		400 kg < 700 kg
Frame thermal transmittance (Uf)	2,55 W/m²K (fir)		
	2,90 W/m²K (oak)		
Overall window thermal transmittance (Uw)	1,20 W/m²K (fir)	Sample size	4000x3000 mm
	1,25 W/m²K (oak)		

Finishes and customization

Each sliding system is manufactured in-house with artisanal precision and made to measure. Skyline Sliding is available in laminated timber, or in a timber–metal version with external cladding in aluminium, steel, or bronze. A wide range of colours is available, from oxidised finishes to RAL colours, as well as glossy or matt surfaces, and smooth or textured treatments. The cladding also allows greater aesthetic freedom on the exterior side, thanks to highly customisable and durable finishes, colours, and surface treatments. This solution creates a perfect balance between performance and design: indoors, it preserves the warmth and material value of wood, while outdoors it benefits from the technology and resistance of metal.

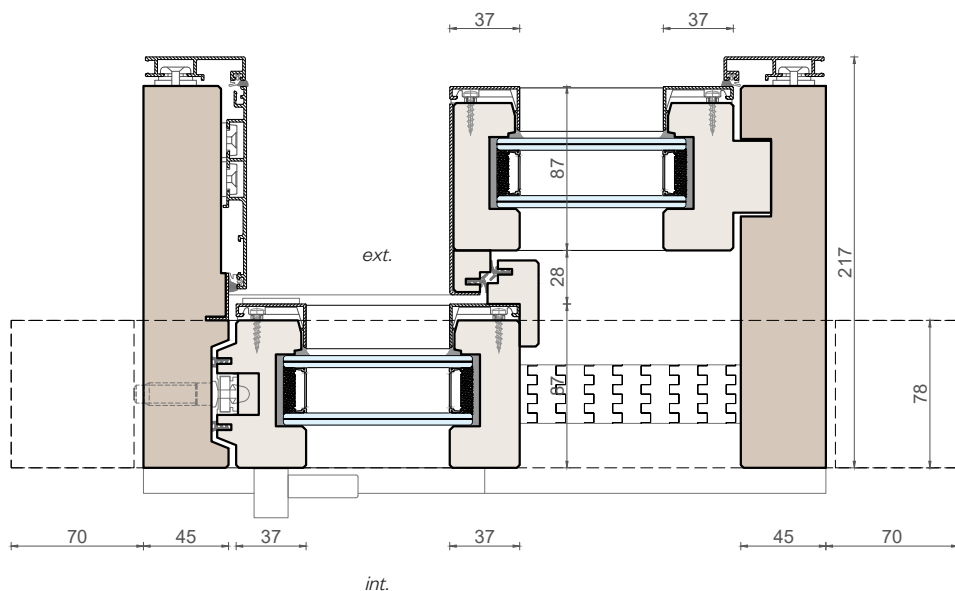
Designed for

Skyline Sliding is the choice of architects, interior designers, and general contractors working on luxury private residences, hotels, and international contract projects, where the lift-and-slide system must integrate into the architectural design as a distinctive element - not as an accessory.

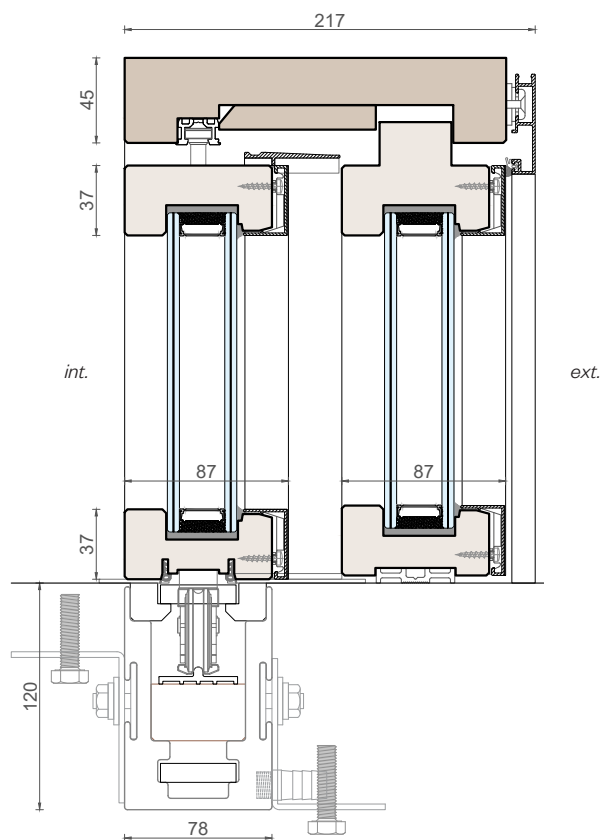
Please note: the sections and performance data provided are for reference purposes only and are intended as examples. They do not constitute a binding or definitive representation of the product. The technical department reserves the right to make changes at any time.

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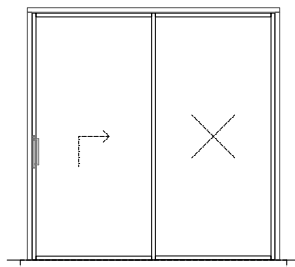
Horizontal section



Vertical section

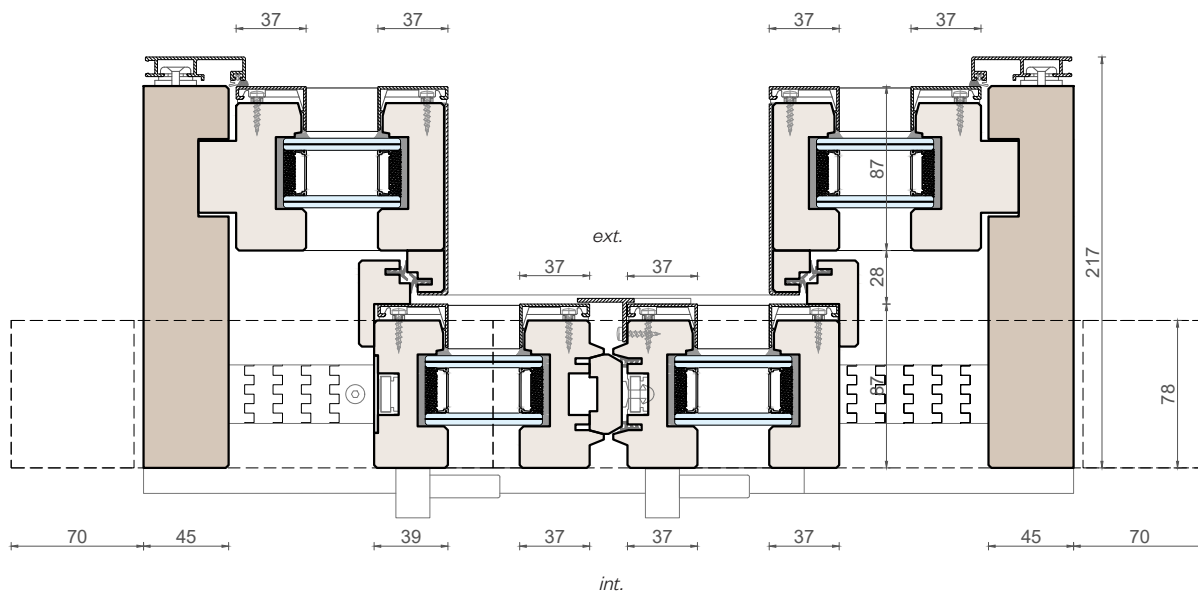


Elevation view

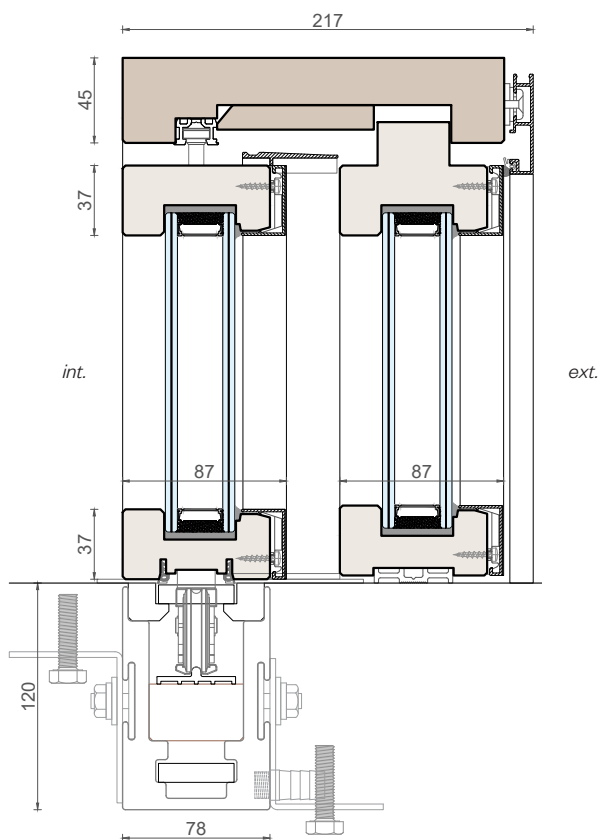


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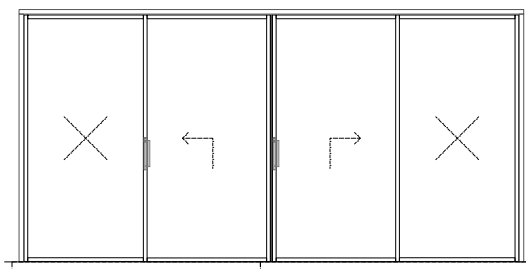
Horizontal section



Vertical section



Elevation view



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