

SKYLINE SLIDING

| series 78 Modern with Climatech threshold

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, significantly increasing natural light intake. The system configuration enhances seamless visual continuity between interior and exterior, reducing the perception of architectural boundaries and elevating transparency as a primary design element.

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.

The sash movement is ensured by a system of wheels and rollers integrated into the lower horizontal profile, sliding on the Climatech fiberglass threshold. Designed to guarantee maximum insulation performance and resistance to atmospheric agents, the Skyline Sliding system with wide threshold allows optimal water drainage, making it particularly suitable for exposed settings or demanding climatic conditions.

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 manual opening < 400 kg manual opening with steel accessories 400 kg < 700 kg
Water tightness	Class 9A (EN 12208)	Sample size	4000x3000 mm
Air permeability	Class 4 (EN 12207)		
Wind resistance	Class C1 (EN 12210)		
Frame thermal transmittance (Uf)	2,20 W/m²K (fir) 2,50 W/m²K (oak)		
Overall window thermal transmittance (Uw)	1,20 W/m²K (fir) 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 (spruce, oak, larch, and Sapelli mahogany), 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 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.

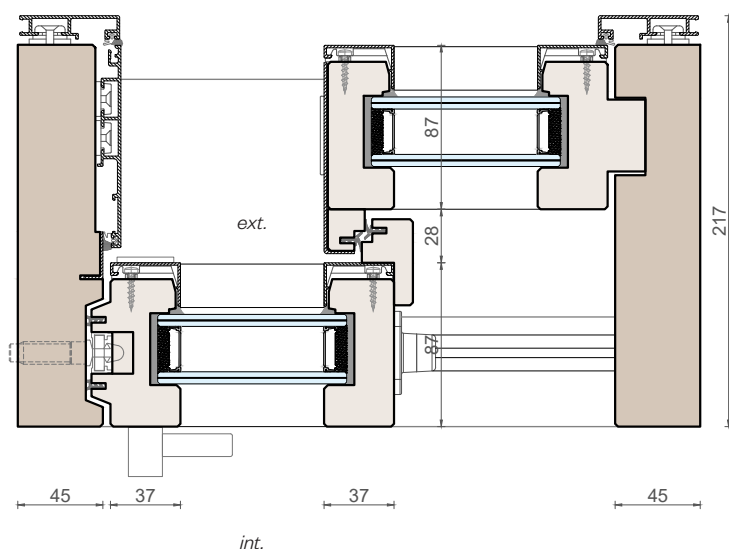
Designed for

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.

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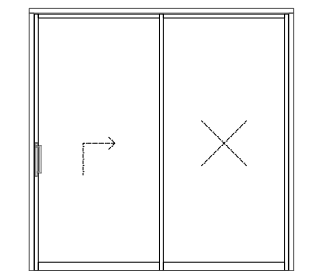
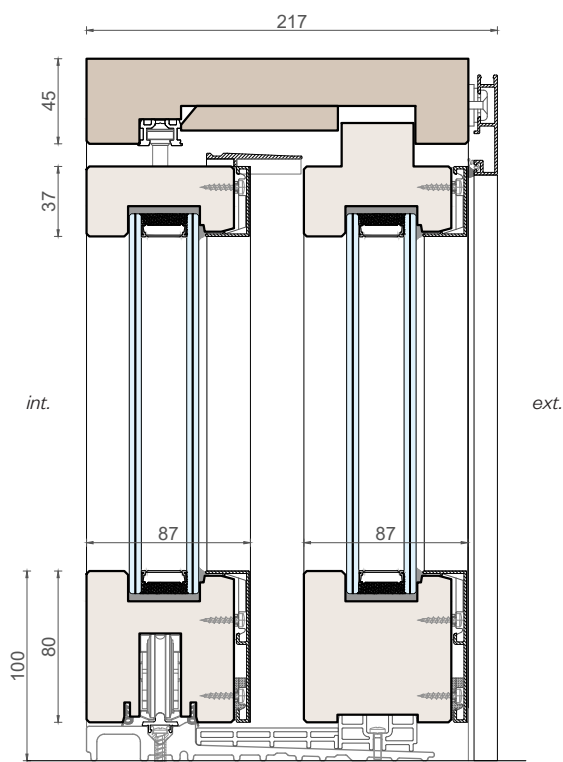
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Horizontal section



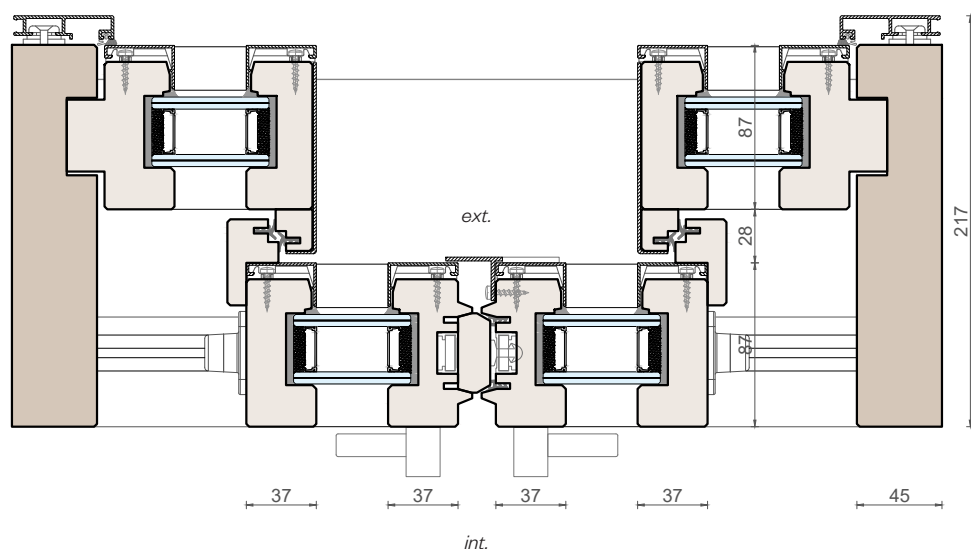
Vertical section

Elevation view



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Horizontal section



Vertical section

Elevation view

