SIVAL

ALUMINIUM SYSTEMS

SV-6400 Minimal

SLIDING SYSTEMS · SV-6400

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THE SYSTEM

The new Minimal sliding thermal insulation system SV-6400 Minimal is designed with a focus on high quality and versatility. It offers a wide range of construction options to meet most requirements. The main feature of the series is the concealed track and sash, with a slim interlock profile of just 25mm in width. This ensures a sleek minimal design, providing an unobstructed view. Ease of construction and straightforward assembly, combined with a maximum glass thickness of 35mm, make it an ideal choice, delivering robustness, excellent thermal insulation, and sound reduction.

APPLICATIONS

- residential
- extensions
- hospitality
- renovation

Basic characteristics

- Two different construction typologies for installation in any condition.
- The sash moves using 4 double rollers on a double stainless steel rail.
- 3. It offers top-notch sound and thermal insulation, accommodating glass thicknesses of up to 35mm.
- Maximum dimensions of (2.5m x 3.0m) or 7.5m².
- Provides excellent waterproofing, even with a 32mm rail.
- Capability to construct a sliding system with a 45mm wide interlock or a slim 25mm wide interlock profile.
- Uses 22mm polyamides in both the rail and the sash.
- Glass sash thickness of 64mm.
- The minimum visible height of the bottom horizontal sash section is 58mm.
- Compatible with double or triple glazing with thicknesses ranging from 27mm to 35mm.
- Maximum sash weight of 350kg.
- No new press tooling is required (uses those of SV-3400 Slim Slide / SV-6000 Thermo).
- No special milling tools are needed (except for sliding systems with the slim 25mm interlock, which require a milling disc).

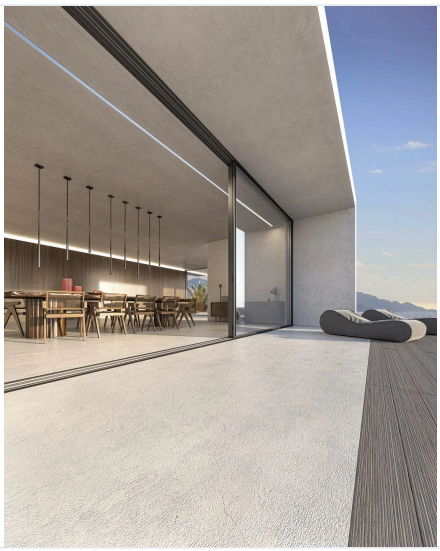
Technical characteristics

Aluminium Alloy	EN AW 6060 T6
Hardness	12 Webster
Minimum coating thickness	75µm
Profile thickness	1,3-2,3mm
Tolerance according to	EN 12020-02
Width of successive rail	157mm
Width of in-wall rail	115mm (glass–insect screen)
Adjoining profil thickness	45/25 mm
Width of glass sash	64mm
Glazing thickness	27-35mm
Polyamide width	22mm
Factor of thermal conductivity for frame	Uf from 2,6 W/m²K
Maximum sash dimensions (WxH)	2,5m x 3m
Maximum sash weight	350Kg

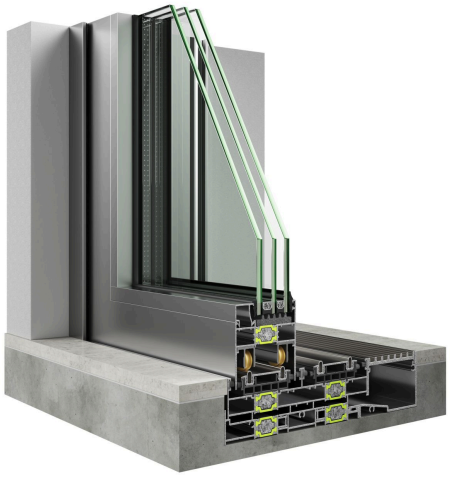
Gallery & technical drawings

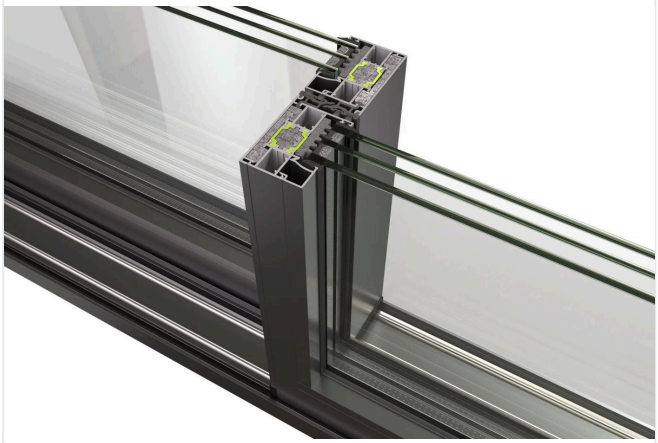








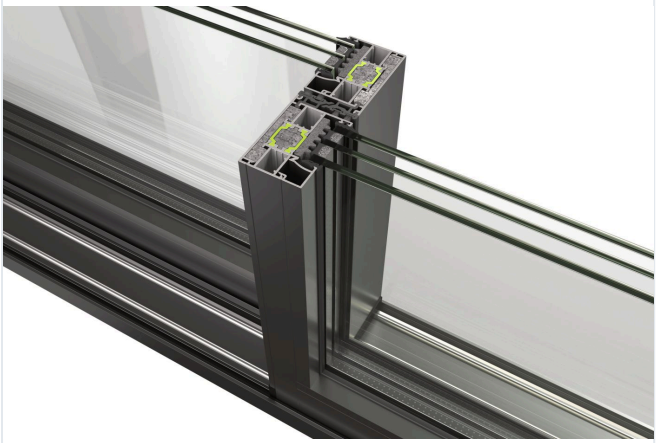


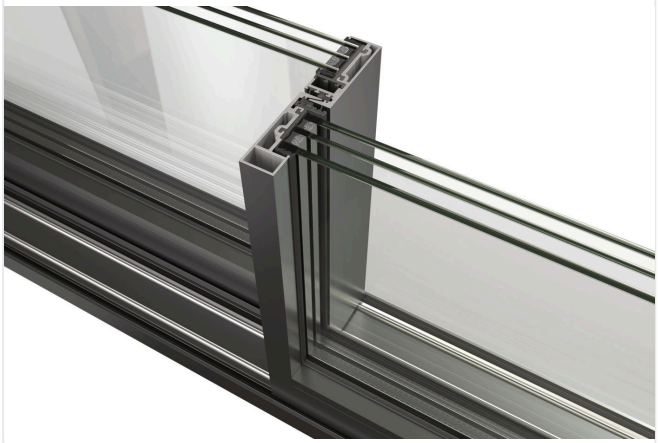


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Technical data per manufacturer documentation, October 2026. Performance depends on configuration and glazing.

Gallery & technical drawings (continued)





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