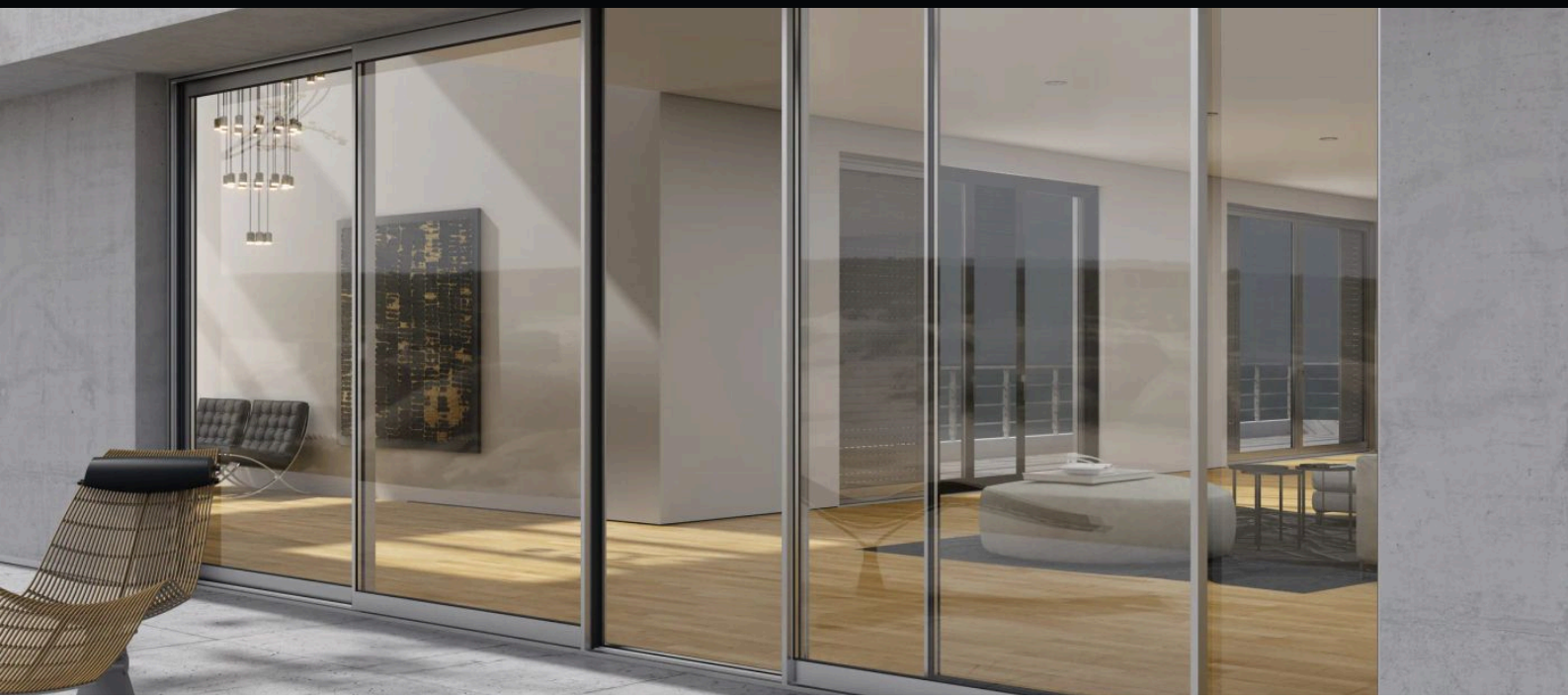
SIVAL

ALUMINIUM SYSTEMS

SV-3400 Slim Slide

THERMAL BREAK SLIDING SYSTEM · SV-3400

The new thermal break sliding system designed specifically to combine high quality and flexibility, with a wide range of construction choices.



THE SYSTEM

SV-3400 Slim Slide is the new thermal break sliding system designed specifically to combine high quality and flexibility. The system offers a wide range of construction choices.

SV-3400 Slim Slide can cover all the possible typologies of sliding systems with a bottom rail of 42mm and 32mm height. The special hook with visible profile at 25mm is a characteristic that provides minimal design, unhindered view and uniqueness.

Together with the use of specially designed profiles the system provides the fabricator/constructor with the ability to cover extended dimensions of openings with height up to 2,6m and 10m² glazing surface.

The innovative design of the system offers the option for Lift & Slide Mechanism.

CONSTRUCTION TYPES

- Successive
- In wall
- Single-Double sash with external fixed window
- Composite structures
- Fix & Slide

Basic characteristics

- Stainless steel lamina or aluminium profile on rails for smooth sliding.
- Straight line design.
- Also available with multi-locking mechanism for superior safety.
- Option for Lift & Slide Mechanism.
- Plastic cover for rails for insulation and water protection.
- Elastic (EPDM) or foam block sealing plug for successive and in-wall rails.
- Optional use of “anti-bi-metal” polyamide on system profiles in order to eliminate distortion shrinkage and expansions.
- Up to 24mm double glass for better thermal and sound insulation.
- Three options for locking sash: simple, with handle shape for greater durability to stresses or with clip.
- Two levels of water channelling (to the outer side of the frame), for better drainage of the rail.
- Can be combined with SIVAL SV-6000 Thermo for composite structures.

Technical characteristics

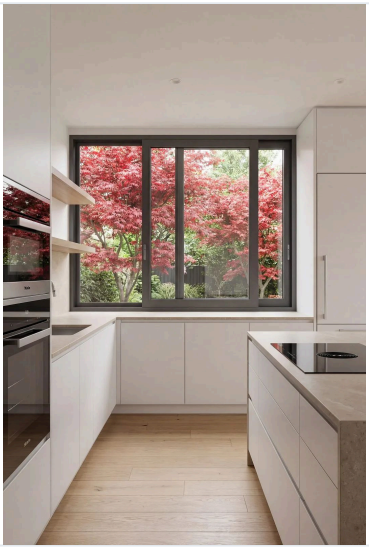
Aluminium alloy	EN AW 6060 T6
Hardness	12 Webster
Minimum coating thickness	75μm
Profile thickness	1,3-1,4mm
Tolerance according to	EN 12020-02
Width of successive rail	91mm (two sashes)
Width of in-wall rail	95mm (glass–insect screen–shutter sash)
Width of glass sash	34mm
Glazing thickness	up to 24mm
Polyamide width	20 up to 24mm
Thermal coefficient of frame	Uf = 2,6-4,2 W/m²K
Maximum sash dimensions (WxH)	2,3m x 2,5m
Maximum sash weight	200kg

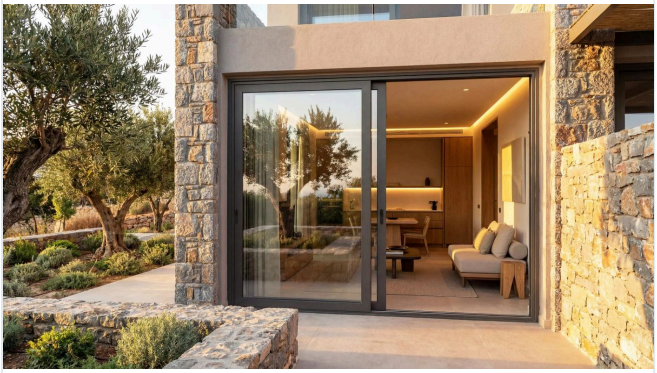
Gallery & technical drawings

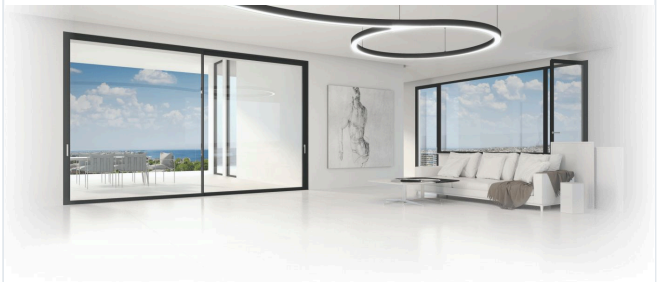












Gallery & technical drawings (continued)













Gallery & technical drawings (continued)









