SIVAL

ALUMINIUM SYSTEMS

SV-4000 Slide SI

SLIDING SYSTEMS · SV-4000 S

SV-4000 Slide SI thermal break sliding system is the proposition by SIVAL concerning the ultimate thermal insulation.



THE SYSTEM

SV-4000 Slide SI thermal break sliding system is the proposition by SIVAL concerning the ultimate thermal insulation. The system's modern design, with straight profile lines meets every modern architectural requirement.

The series are specially designed to provide increased sound and thermal insulation with a Uf coefficient from 1,63W/m²K.

The SV-4000 Slide SI series, SV-4000 Thermo SI/HS and SV-7800 Thermo Plus series share a common aesthetic design and can be combined perfectly. Multilocking mechanism can be applied for maximum security. As an extra feature SV-4000 Slide SI provides the typology single sash with fixed window, providing the best solution for demanding contemporary constructions.

APPLICATIONS

- residential
- extensions
- hospitality
- renovation

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

Basic characteristics

- Smooth sliding with:
  - Stainless steel lamina on rail profiles.
  - Optional Lift & Slide Mechanism.
- Modern aesthetics with straight line design.
- Maximum security with the option of Multi-Locking Mechanism.
- Excellent thermal insulation due to:
  - Polyamides up to 34mm width.
  - Option for double or triple glazing up to 36mm.
  - Use of insulating material (EPS) along with the specially designed polyamide plugs for adjoining profile.
- Absolute sealing due to:
  - Use of non-return valve for optimum drainage of the rail.
  - Use of additional sealing gasket on the bottom and the side parts of rail.
  - Use of elastic (EPDM) to the sashes.
- Option for construction typology of single (specially designed for the needs of hotel constructions).
- Can be combined with the opening systems SIVAL Hybrid A40 SI/HS and SV-7800 Thermo Plus for complex constructions.

Technical characteristics

Aluminium alloy	EN AW 6060 T6
Hardness	12 Webster
Minimum coating thickness	75μm
Profile thickness	1,4-1,8mm
Tolerance according to	EN 12020-02
Width of successive rail	125mm
Width of rail with fixed window	149mm
Width of glass sash	50mm
Glazing thickness	24-36mm
Polyamide width	24 & 34mm
Thermal coefficient of frame	Uf from 1,63 up to 3,17 W/m^2K
Maximum sash dimensions for lift & slide system	2,0m x 2,7m
Maximum sash weight for lift & slide system	200 Kgr

Gallery & technical drawings













Gallery & technical drawings (continued)









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