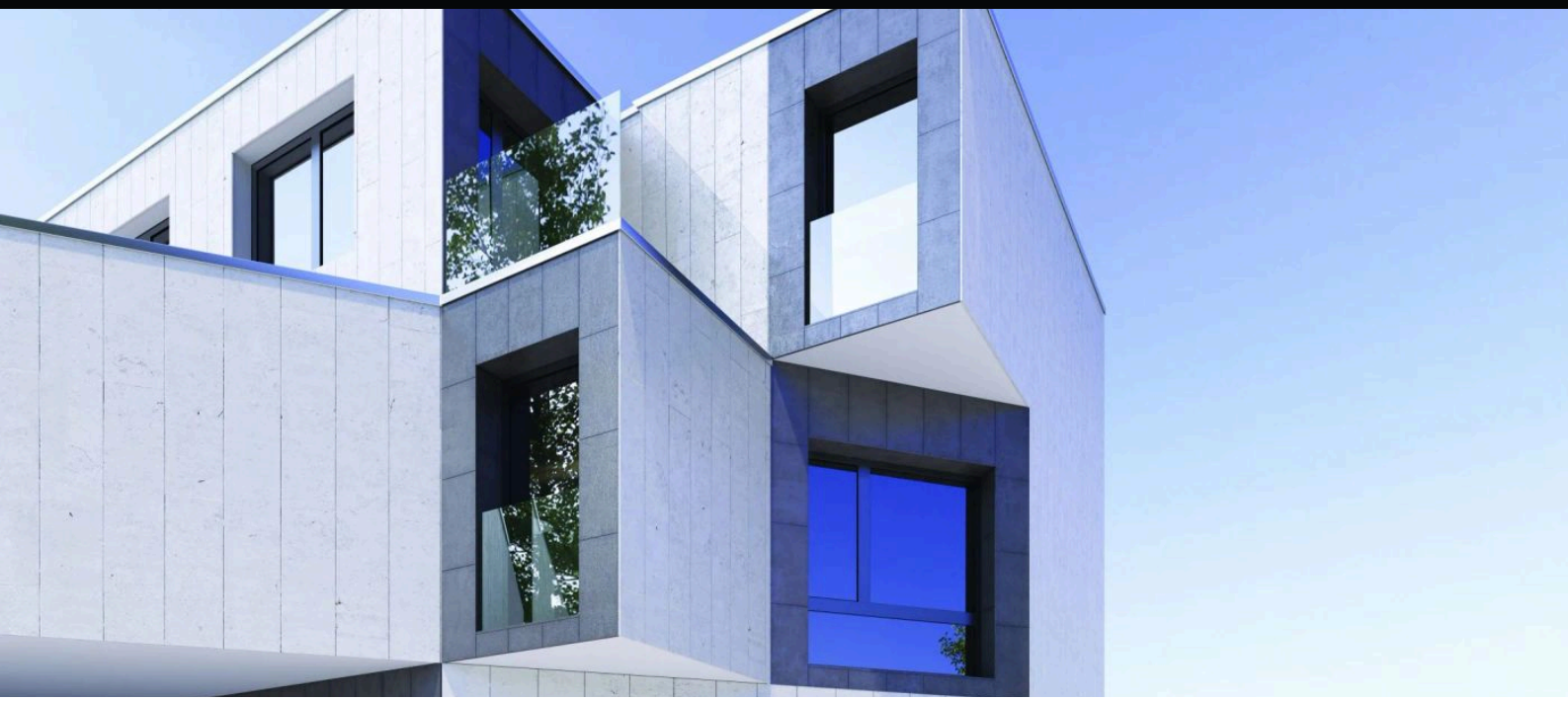
SIVAL

ALUMINIUM SYSTEMS

SV-4000 Thermo SI/HS

ALUMINIUM WINDOWS · SV-4000 SI/HS

The system that places special emphasis on thermal insulation (Super Insulation – SI).



THE SYSTEM

The system that places special emphasis on thermal insulation (Super Insulation – SI). SIVAL's ultimate hinged solution for those who choose premium options in architecture and performance!

The perfect combination of superior performance and ergonomic design, aligned with architectural trends that emphasize clean, straight lines. Top-tier performance with a special focus on thermal insulation (Super Insulation) and soundproofing, achieved through advanced insulating technology and materials used within the profile chambers.

This system, available both in its standard form and with a hidden sash option, is part of the commemorative series bearing the "40 years Anniversary Series" logo!

APPLICATIONS

- residential
- commercial
- renovation
- new build

Basic characteristics

- Modern aesthetics with a straight-line design.
- Enhanced security with the use of a Multilocking Mechanism.
- Significantly increased thermal and sound insulation through:
  - 34mm polyamide strips
  - Option for double or triple glazing up to 44mm
  - Fully recyclable co-extruded gaskets (EPDM – Expanded EPDM)
  - Use of insulating materials like XPS and EPS
- Option for a hidden sash with a focus on minimal design.
- Special profiles for flush entrance doors.
- For complex constructions combining hinged and sliding systems in the same space, the SV-4000 Slide SI series is recommended.

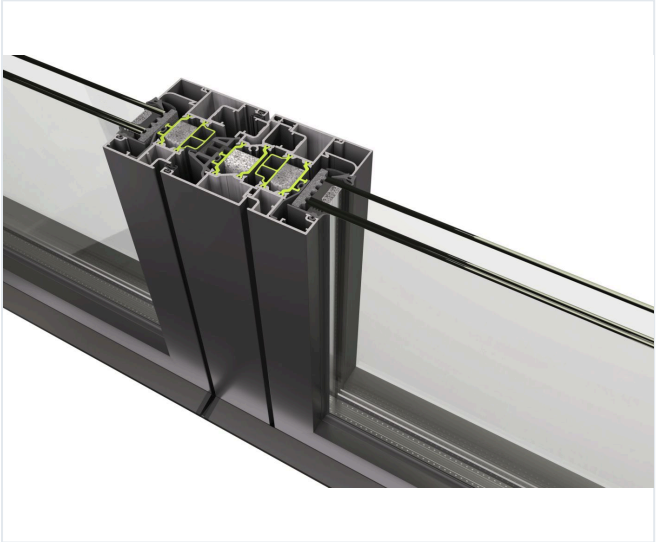
Technical characteristics

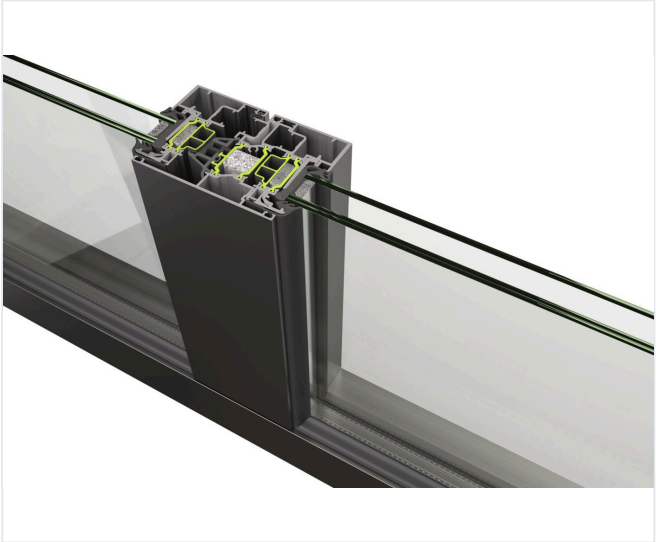
	Aluminium alloy | EN AW 6060 T6
	Hardness | 12 Webster
	Minimum paint thickness | 75μm
	Profile thickness | 1,3-2mm
	Dimensional tolerances according to | EN 12020-02
	Frame dimensions | 75mm x 50.6mm
	Glass sash dimensions | 85mm x 75.5mm
	Glass sash glazing thickness | 24 up to 44mm
	Polyamide width | 34mm
	Frame thermal transmittance coefficient | Uf from 1,1 W/m^2K
	Sash maximum dimensions with Multilocking Mech. (WxH) | 1,0m x 2,3m

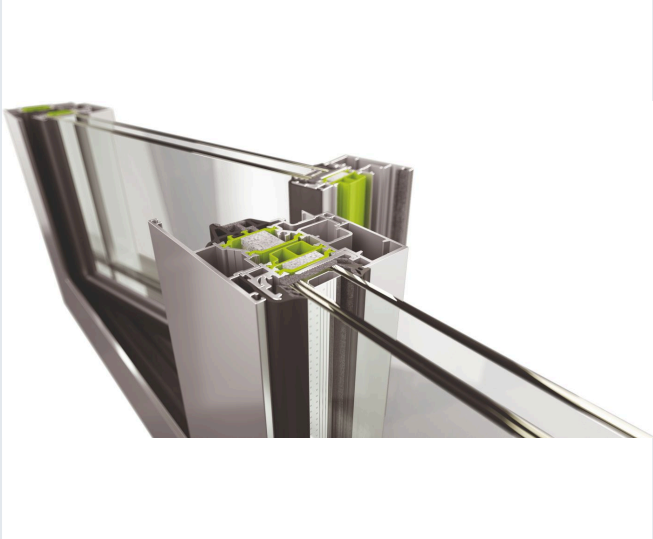
Gallery & technical drawings













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