SIVAL

ALUMINIUM SYSTEMS

SV-5500 Thermo

ALUMINIUM WINDOWS · SV-5500

Combining reliability with a unique character.



THE SYSTEM

Combining reliability with a unique character.

The SV-5500 Thermo series is one of SIVAL's most tested series, with participation in hundreds of projects across Greece and abroad.

It offers a unique combination of thermal break and high performance with superior aesthetics and excellent functionality, giving a 'strong identity' to any space.

The modern design, with smooth straight lines or classic elegant curves, provides options that meet every aesthetic requirement and match the style of any space.

APPLICATIONS

residential | commercial | renovation | new build

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

Basic characteristics

- Profile design offers two aesthetic options:
  - Straight lines for a modern look.
  - Elegant curves representing a classic expression.
- Option to install a Perimeter Locking Mechanism for enhanced security.
- Excellent thermal and sound insulation with:
  - 24mm thick polyamide
  - The ability to install double or triple glazing up to 53mm.
- For complex constructions combining hinged and sliding elements in the same space, the SV-3400 Slim Slide, and SV-8800 Lift Slide are recommended.

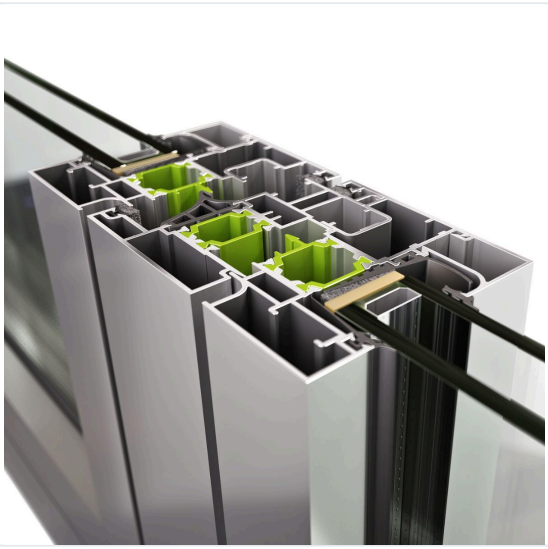
Technical characteristics

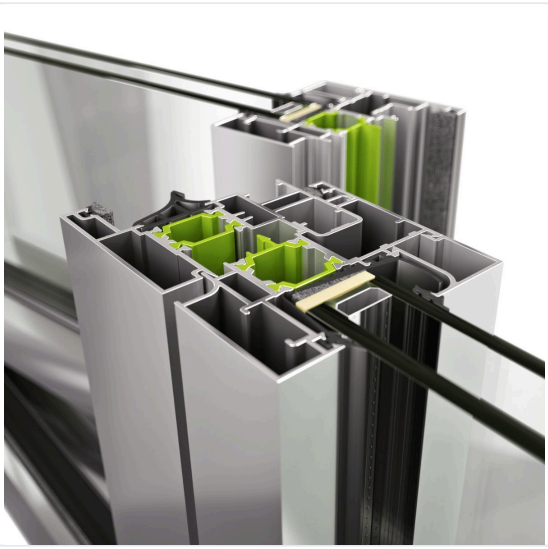
Aluminum alloy	EN AW 6060 T6
Hardness	12 Webster
Minimum coating thickness	75µm
Profile thickness	1,4mm
Dimensional tolerances according to	EN 12020-02
Frame thermal transmittance coefficient	Uf from 2,07 up to 3,15 W/m²K
Frame sound transmittance coefficient	Rw(C;Ctr)= 40(-2;-6) db
Frame dimensions	78mm x 50mm
Glass sash dimensions	69,3mm x 78,5mm
Glazing thickness	23-53mm
Polyamide width	24mm
Maximum sash dimensions for multilocking profiles (WxH)	1,1m x 2,6m
Maximum sash dimensions for basic profiles (WxH)	1,1m x 2,6m
Maximum sash weight for multilocking profiles	140Kg
Maximum sash weight for basic profiles	100kg

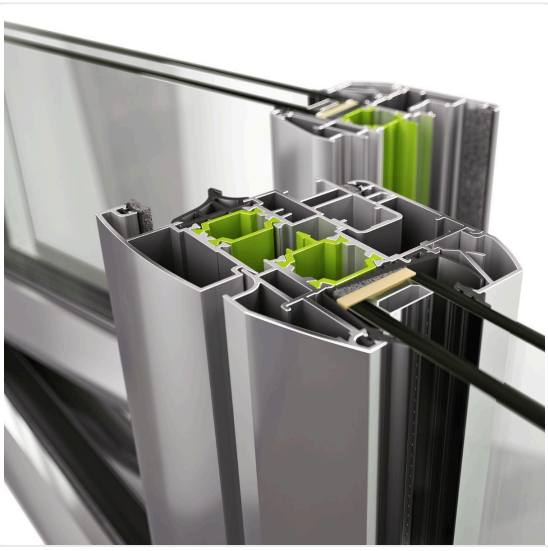
Gallery & technical drawings













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Gallery & technical drawings (continued)



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