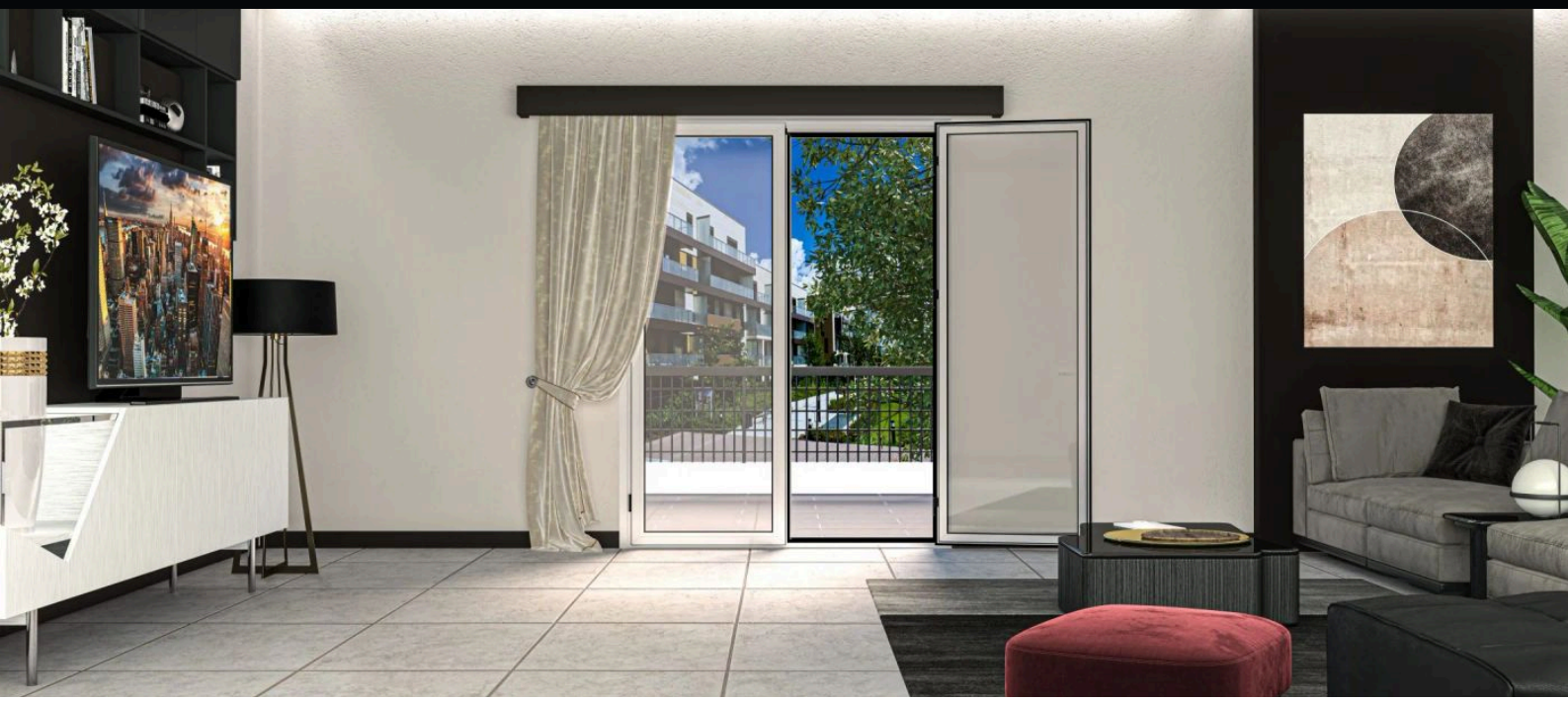
SIVAL

ALUMINIUM SYSTEMS

SV-8500 Thermo

ALUMINIUM WINDOWS · SV-8500

The cost-effective choice in hinged thermal insulation systems by SIVAL!



THE SYSTEM

The cost-effective choice in hinged thermal insulation systems by SIVAL!

SV-8500 Thermo is the combination of reliability and affordability with excellent performance coefficients, making it SIVAL's economical thermal insulation hinged system. Its design draws on modern aesthetics through straight lines and rectangular profiles.

It meets all the required specifications for an exceptionally reliable thermal insulation solution and offers enhanced security through the option of a Perimeter Locking Mechanism and high sealing efficiency.

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

- Modern aesthetics with straight design lines.
- Enhanced security with the use of a Multilocking Mechanism.
- Excellent thermal insulation with:
  - 20mm wide polyamides
  - The option for double or triple glazing up to 44mm.
- Capability for constructing entrance doors.
- For complex constructions combining fixed and sliding elements in the same space, the SV-4700 Thermo Slide sliding series is recommended.

Technical characteristics

Aluminum alloy	EN AW 6060 T66
Hardness	12 Webster
Minimum coating thickness	75μm
Profile thickness	1,4-2mm
Dimensional tolerances according to	EN 12020-02
Frame sound transmittance coefficient	Rw(C;Ctr)= 45(-1;-4) dB
Frame thermal transmittance coefficient	Uf from 2,3 up to 3,2 W/m²K
Frame dimensions	54mm x 50mm
Glass sash dimensions	62mm x 63mm
Glazing thickness	14-44mm
Polyamide width	20mm
Sash dimension range with Multilocking Mech. (WxH)	1,0m x 2,3m
Sash dimension range with Camera Europea (WxH)	0,9m x 2,3m
Maximum sash weight with Multilocking Mech.	140Kg
Maximum sash weight with Camera Europea	100kg

Gallery & technical drawings





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