SIVAL

ALUMINIUM SYSTEMS

SV-7800 Thermo Plus

ALUMINIUM WINDOWS · SV-7800

The robust choice in opening systems for enhanced thermal insulation!



THE SYSTEM

The robust choice in opening systems for enhanced thermal insulation!

Robust construction. Impressive thermal insulation coefficients. Modern aesthetics. In short, a triple advantage solution with the SV-7800 Thermo Plus system, the latest system from SIVAL in opening aluminum architectural systems with 42mm polyamide. Fans of both modern and classic lines will be equally satisfied, as the product is available in profiles with either a straight line for modern aesthetics or a curved line that references the classic style.

An important feature is the option to install a multilocking mechanism, providing greater security for the space.

The profile design with a hidden sash offers a minimal aesthetic result in window applications.

Special profiles also allow for the construction of entrance doors.

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 or classic aesthetics with profiles available in straight or curved lines.
- Enhanced security with the option of a Multilocking Mechanism.
- Exceptionally high thermal and sound insulation performance through:
  - Option for double or triple glazing up to 70mm thick.
  - Additional insulation between the glazing.
  - Extra insulation between the polyamide strips.
  - Use of co-extruded gaskets, fully recyclable (EPDM – Expanded EPDM).
- Minimal aesthetic with the option for a hidden sash for uniformity.
- Seamless movement both inward and outward, with a sleek design and the option for low thresholds in balcony doors and entrance doors.
- For situations where a combination of sliding and opening systems is required in the same space, the system can be combined with the SV-4700 Thermo Slide series and the premium SV-4000 Slide SI.

Technical characteristics

Aluminum alloy	EN AW 6060 T6
Hardness	12 Webster
Minimum coating thickness	75μm
Profile thickness	1,3-2mm
Dimensional tolerances according to	EN 12020-02
Frame dimensions	78mm x 53mm
Glass sash dimensions	86mm x 75mm
Glazing thickness	24-70mm
Polyamide width	42mm
Frame thermal transmittance coefficient	Uf from1,1 up to1,9 W/m²K
Sash width range with Camera Europea	405-1600mm
Sash width range with Multilocking Mech.	330-1400mm
Sash height range with Camera Europea	520-2800mm
Sash height range with Multilocking Mech.	280-2600mm
Maximum sash weight with Camera Europea	90/130/160/200kg
Maximum sash weight with Multilocking Mech.	80/100/150kg

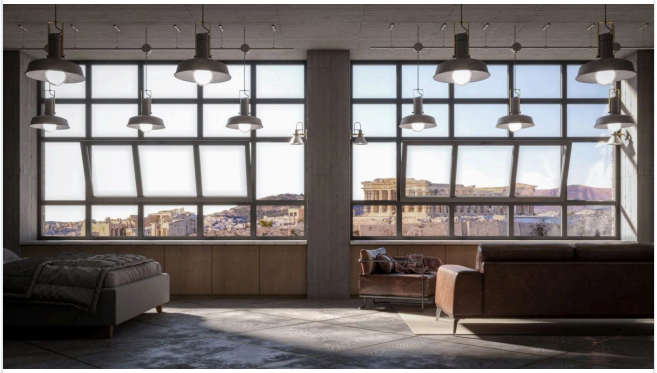
Gallery & technical drawings

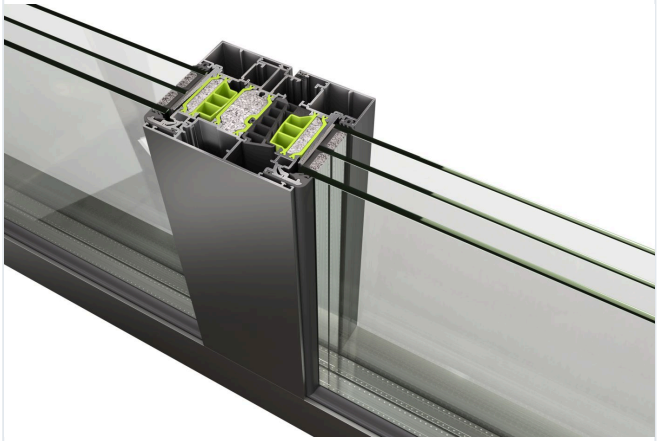








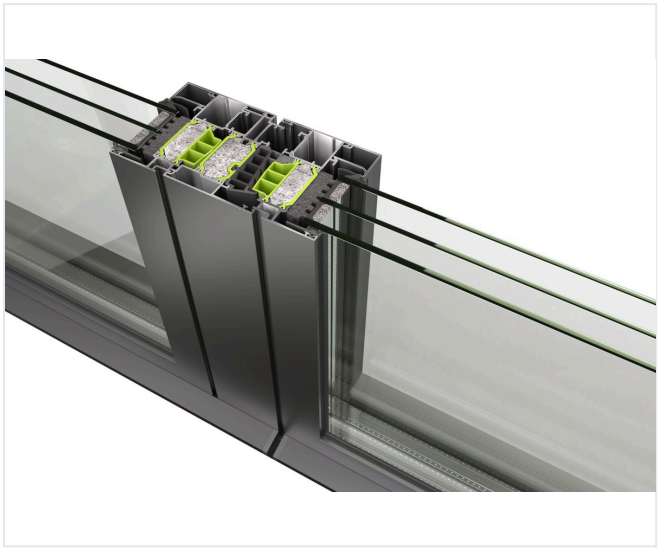




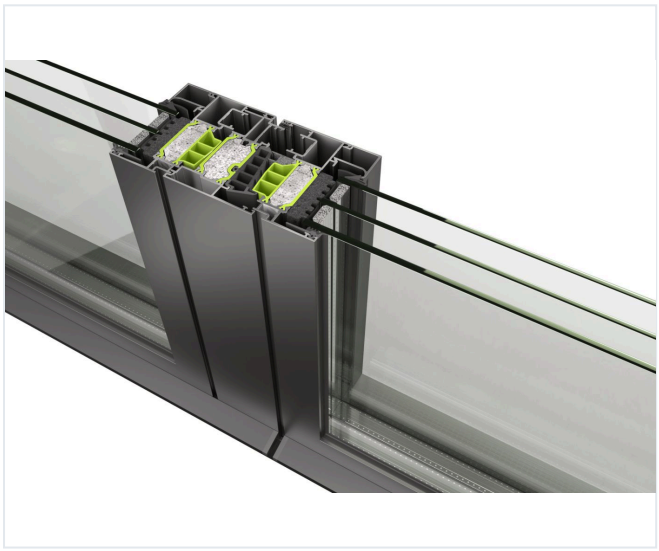
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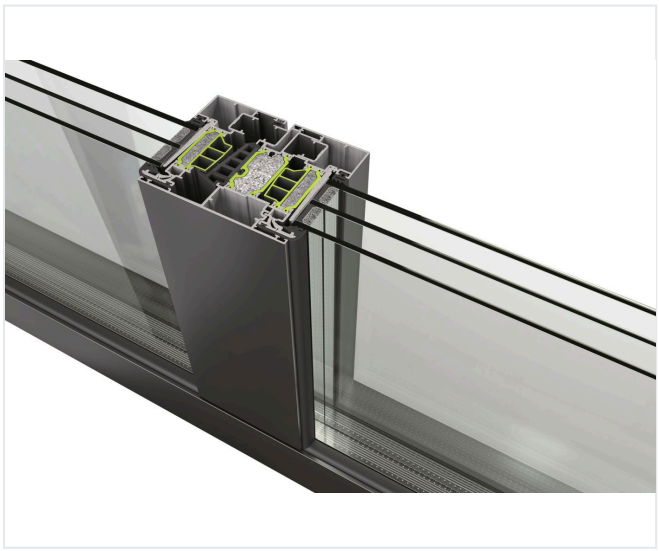
Gallery & technical drawings (continued)

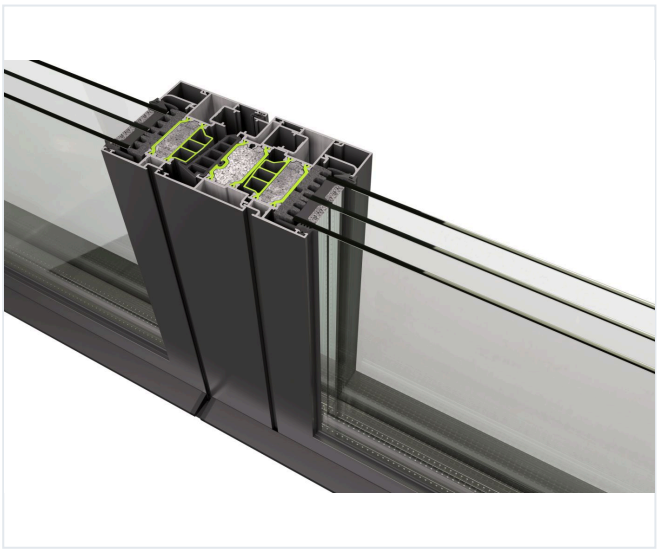












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