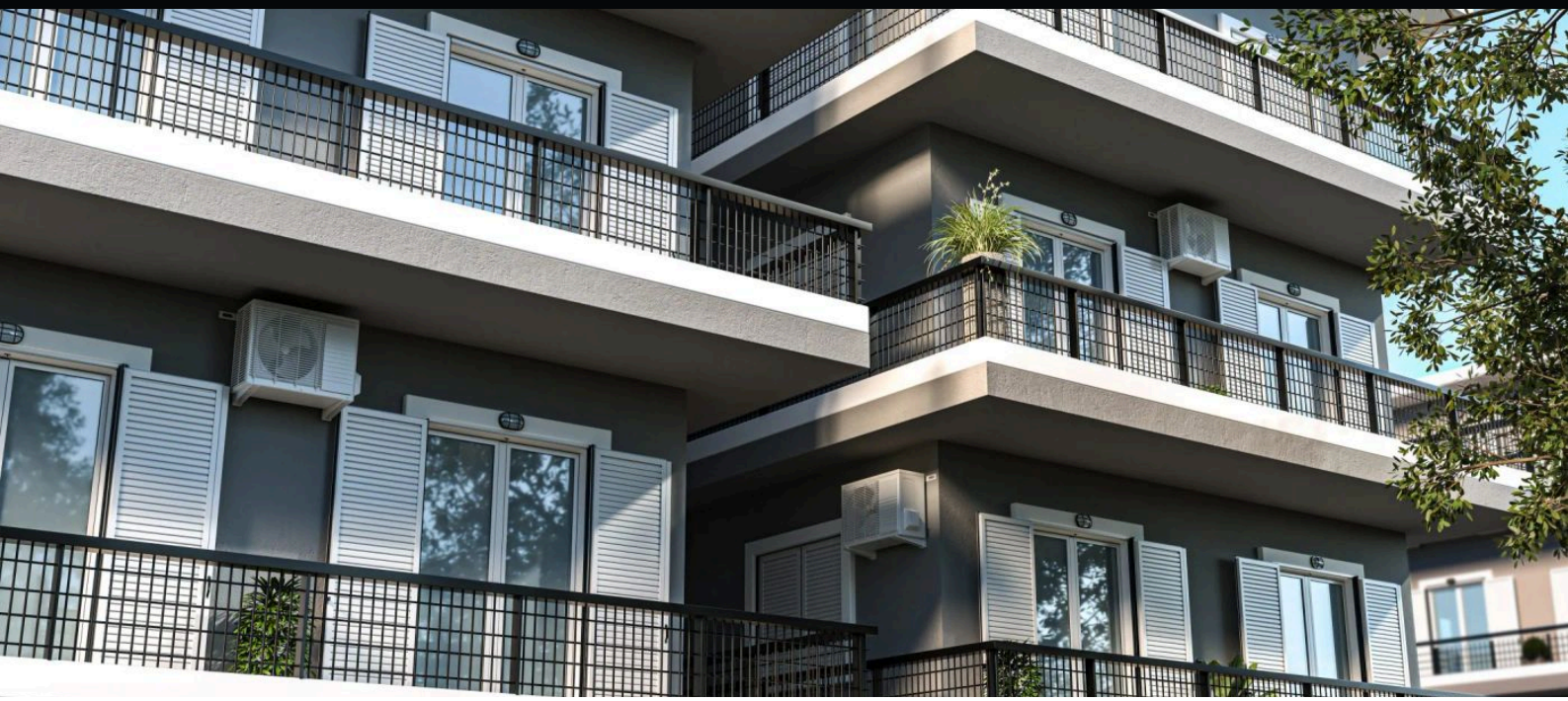
SIVAL

ALUMINIUM SYSTEMS

SV-850 Eco

ALUMINIUM WINDOWS · SV-850

The cost-effective solution in hinged systems!



THE SYSTEM

The cost-effective solution in hinged systems!

The SV-850 Eco system offers a reliable option and is optimal in terms of quality-to-price ratio among basic opening systems without thermal break.

It combines simple straight lines that provide a modern aesthetic with excellent functionality and good performance in sealing, air permeability, and wind pressure.

APPLICATIONS

- residential
- commercial
- renovation
- new build

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

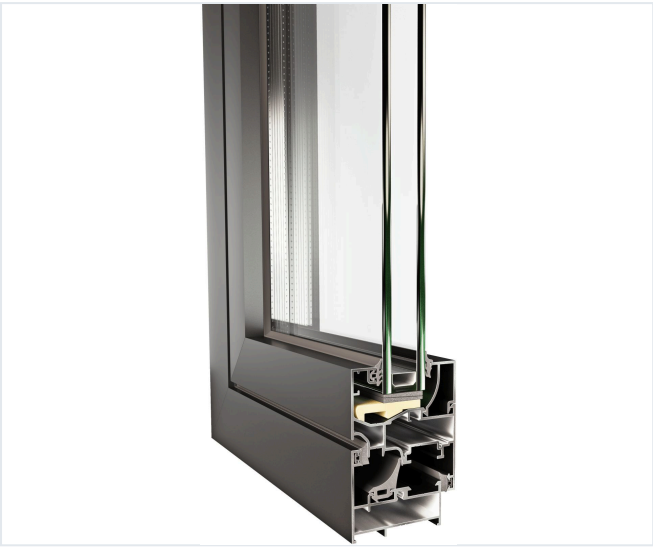
Basic characteristics

- Modern aesthetics with straight design lines and rectangular profiles.
- Enhanced security with the use of a Multilocking Mechanism.
- Ability to install double glazing up to 37mm.
- Improved sealing with 3 layers of gaskets between the sash and frame.
- Available in two sash sizes (small – large).
- Option to choose a frame between 23mm and 29mm, for the use of the Camera Europea mechanism or Multilocking Mechanism, respectively.
- For complex constructions combining opening and sliding elements in the same space, the EOS 800 series is recommended.

Technical characteristics

Aluminum alloy	AlMgSi-0.5 F22
Hardness	12 Webster
Minimum coating thickness	75μm
Profile thickness	1,25 – 1,35mm
Dimensional tolerances according to	EN 12020-02
Frame dimensions	50mm x 23mm, 29mm
Glass sash dimensions	58,5mm x 66,5mm
Glass sash dimensions for Multilocking Mechanism	59mm x 75,2mm
Glazing thickness	up to 37mm
Maximum sash dimensions for mult. mech. profiles (WxH)	1,1m x 2,6m
Maximum sash dimensions for basic profiles (WxH)	1,1m x 2,6m
Maximum sash weight for mult. mech. profiles	140Kg
Maximum sash weight for basic profiles	60Kg

Gallery & technical drawings

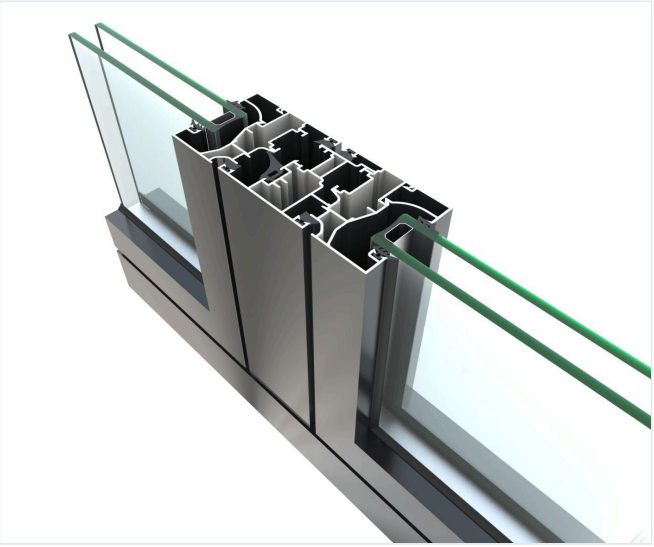




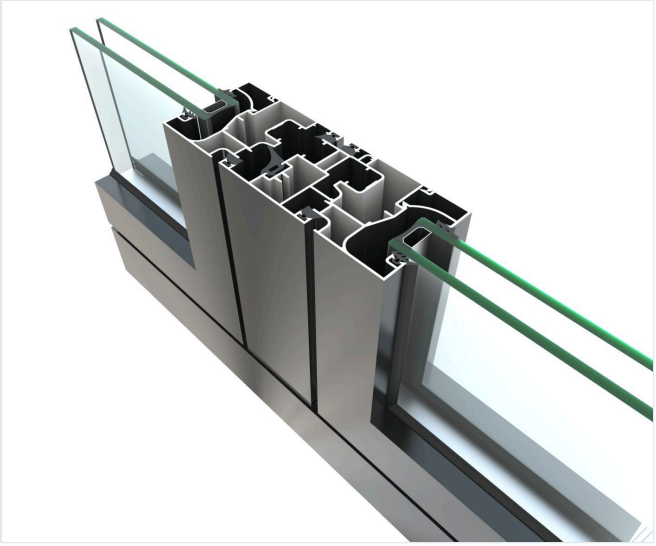








Gallery & technical drawings (continued)





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