SIVAL

ALUMINIUM SYSTEMS

SV-5000 Fold Eco

BI-FOLDING SYSTEMS · SV-5000 F

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THE SYSTEM

When it comes to combining the benefits of an enclosed space with a terrace or garden, the folding systems of “bellow” type are the best solution. The SV-5000 Fold Eco, without thermal insulation combines functionality and the choice between two aesthetic approaches in one system. The series perfectly covers both the classic aesthetics through its oval shaped profiles, and the modern one, through profiles with a straight design line.

APPLICATIONS

- residential
- terraces
- hospitality
- restaurants

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

Basic characteristics

- Suitable for folding doors and windows in shops and houses
- Two aesthetic options with:
  - Profiles in an oval design that give the air of the classic,
  - Profiles in a straight-line design that offer modern aesthetics.
- Weight resistance up to 100 kg through the driving mechanism for sash with 4 rollers.
- Possibility for using single or double glazing up to 35mm thick.
- Option to integrate the lower guide in the floor, for ease of movement from the inside to the outside.
- Possibility of making frames with vertical or horizontal partition.
- Possibility of manufacturing frames with glass and frames with shutters.

Technical characteristics

Aluminium Alloy	AlMgSi-0.5 F22
Hardness	12 Webster
Minimum coating thickness	75μm
Profile thickness	1,4mm
Tolerance according to	EN DIN 12020-02
Dimensions of the lower driver on the floor	66mm x 29mm
Dimensions of the small glass sash	58mm x 54.8mm
Dimensions of the large glass sash	58mm x 63.8mm
Maximum sash dimensions	900 × 2500mm
Maximum sash weight	100kg

Gallery & technical drawings













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Gallery & technical drawings (continued)







