SIVAL

ALUMINIUM SYSTEMS

SV-5500 Fold

BI-FOLDING SYSTEMS · SV-5500 F

Folding systems are “bellow” type systems that aim to take full advantage of indoor and outdoor spaces (terraces or courtyards) in both residential (homes) and commercial areas (hotels and…



THE SYSTEM

Folding systems are "bellow" type systems that aim to take full advantage of indoor and outdoor spaces (terraces or courtyards) in both residential (homes) and commercial areas (hotels and commercial buildings). The SV-5500 Fold system combines thermal break technology with impeccable functionality, thanks to its ergonomic design. High aesthetics system, with a choice between modern and classic design.

APPLICATIONS

residential | terraces | hospitality | restaurants

Basic characteristics

- Suitable for folding doors and windows using thermal break
- 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.
- Energy saving with excellent thermal insulation factors through:
  - The use of 19mm thick polyamide profiles.
  - The use of double or triple glazing up to 49mm.
- Weight resistance up to 100 kg through the driving mechanism for sash with 4 rollers.
- Certification for thermal insulation by IFT Rosenheim with thermal coefficient of Uf = 4.2 (W/m^2K
- For cases where an opening system need to be installed within the same space, the combination with SIVAL 5500 Hybrid system is proposed.

Technical characteristics

Aluminium alloy	AlMgSi-0.5 F22
Hardness	12 Webster
Minimum coating thickness	75µm
Profile thickness	1,4mm
Polyamide width	19mm
Dimensional tolerances according to	EN DIN 12020-02
Bottom rail dimensions on the floor	79.9mm x 29mm
Small glass sash dimensions	71.9mm x 54.9mm
Large glass sash dimensions	71.9mm x 63.8mm
Maximum sash dimension	900 × 2500mm
Maximum weight per sash	100kg

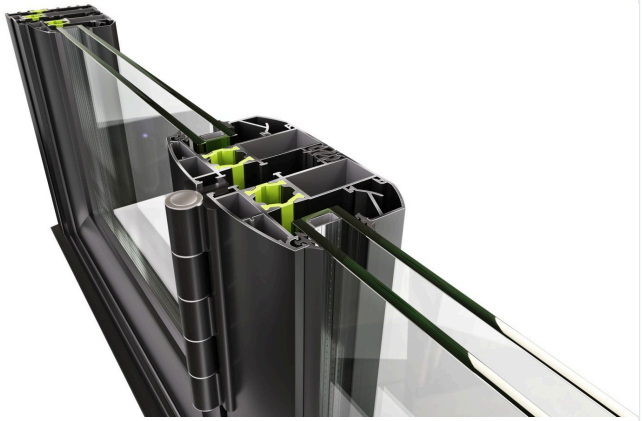
Gallery & technical drawings













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

Gallery & technical drawings (continued)





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