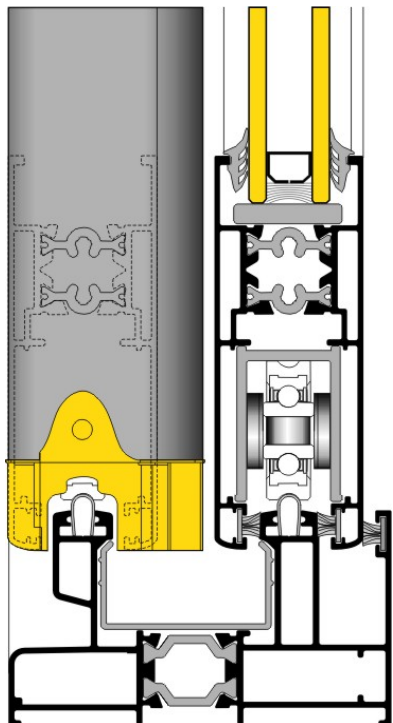


ALUMIL S100 Alutherm Light Inox

Thermal-breaking product line for sliding frames with vertical cuts, inox steel rollers' guide, and an overall low construction cost

Basic characteristics:

- ✓ 32 mm sash width
- ✓ Thermal transmission break with P.A. 6.6 fiber enforced polyamide at 20 mm
- ✓ Distinctive aesthetics with profiles cut and connected in 90° degrees
- ✓ Inox steel roller driver for easier and smoother sliding (near zero friction)
- ✓ Sealing with two rows of Hi-Fin membrane brushes
- ✓ Single or multiple point lock, with backset application inside the frame's sliding guide.
- ✓ Supports double glazing up to 20 mm



TECHNICAL SPECIFICATION OF PROFILES

Aluminum alloy	AlMgSi (EN AW 6060)
Hardness	12 Webster or 70 HB minimum
Minimum Powder Coating Thickness	75µm minimum
Profile thickness (min-max)	1,6 – 2,0 mm
Thermal-brake type	Mechanical, with PA 6.6 fiber enforced polyamide at 18 and 20 mm
Profile Geometry Control	EN DIN 12020-2 Compliant

TECHNICAL SPECIFICATIONS OF SYSTEM TYPOLOGIES

Sash dimensions (Width \ Height)	32 \ 82,3 mm
Sliding	32 mm double teflon rollers on inox guide
Glazing type	Single or double, up to 20 mm
Maximum glazing weight	120 Kg per sash
Sealing	Perimetrical, using two rows of Hi-Fin membrane brushes

Product Line Construction Options:

- ✓ Interlocking (with or without a fly-screen)
- ✓ Internal Fusible (glazing or glazing with shutter or glazing with shutter and fly-screen)
- ✓ External Fusible (glazing or glazing with shutter or glazing with shutter and fly-screen)

Certifications:

- ✓ The design, the production process, and the quality control of all profiles produced by Alumil are certified with ISO 9001.
- ✓ The process of electrostatic powder coating is certified by QUALICOAT and RAL (GSB) in all plants operated by Alumil.