

SL50

Stick Curtain Wall System

The SL50 system features 50 mm-wide mullions and transoms, designed for the construction of vertical and sloped curtain walls, flat or polygonal structures, and simple wintergardens. The series offers a wide range of profiles for the construction of the supporting structure, featuring static performance suitable for various design requirements. The profiles are suitable for floor-to-floor heights of up to 8 m, with variable horizontal and vertical grid spacing, and ensure resistance to high wind loads and infills of up to 690 kg. The system accommodates integrated projecting elements, either with structural glazing or mechanical retention, as well as various types of openable elements compatible with AluK window and door systems.

FEATURES

- › Solution with ITR pressure plate and cover cap
- › Integration with top-hung windows / doors

OPTIONS

- › Polygonal façades
- › Wintergarden
- › Glass tunnel
- › Glass pyramid
- › Dormer
- › Skylight
- › Design variants



SPECIFICATIONS

PERFORMANCES AND CERTIFICATIONS

SL50

U_{cw} (Double glazing $U_g = 1.0 \text{ W/m}^2\text{K}$)	1.4 W/m ² K
U_{cw} (Triple glazing $U_g = 0.6 \text{ W/m}^2\text{K}$)	< 1.0 W/m ² K
Air permeability (fixed EN12152)	AE ₇₅₀ (750 Pa)
Air permeability (openings EN12152)	Class 4 (600 Pa)
Water tightness	RE ₁₅₀₀ (1500 Pa)
Wind resistance	2400 Pa
Fire proof	EI30 only upon request with minimum quantity
Acoustic insulation	46 dB
Burglar-resistant	RC3

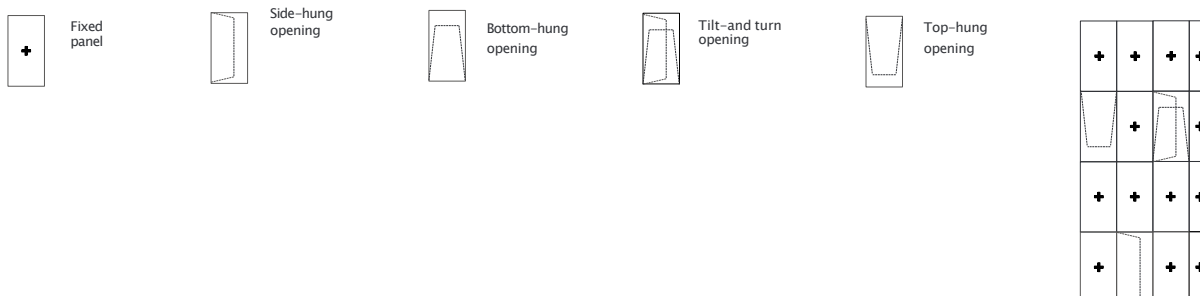
SYSTEM SPECIFICATIONS

Mullion width	50 mm
Minimum mullion depth	55 mm
Maximum mullion width	330 mm
Minimum transom depth	35 mm
Maximum transom width	210 mm
Maximum load capacity	690 Kg

GLAZING

Installation	From the outside
Thickness	26 mm – 60 mm

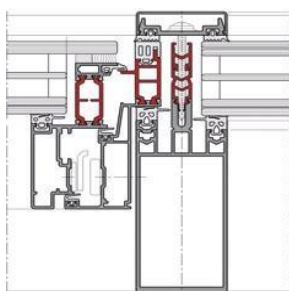
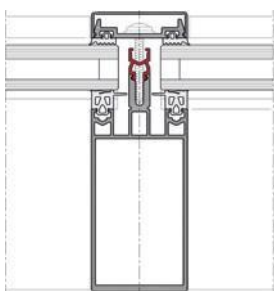
CONFIGURATIONS



SECTIONS AND DETAILS

Further details are available upon request

LONGITUDINAL SECTION



CENTRAL SECTION

