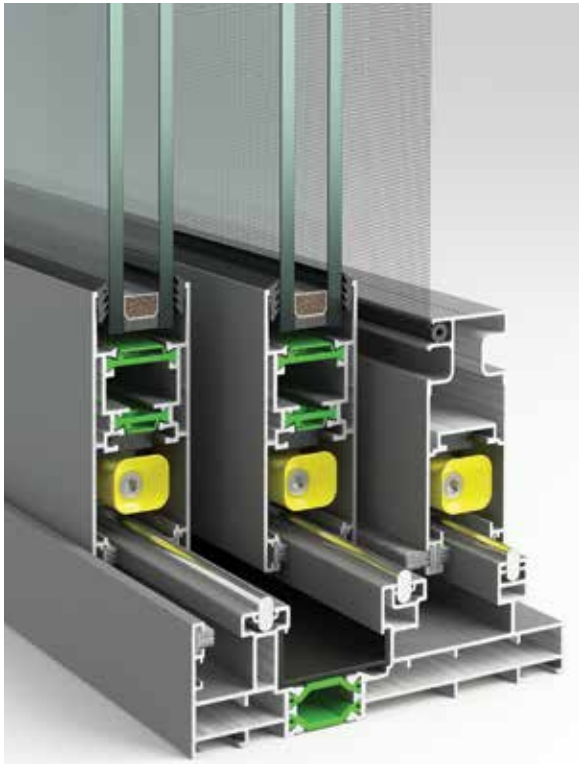


SL200

Sliding Thermal Insulating System

for maximum space saving.



System Identity

SL200 belongs to the generation of thermal insulation systems providing maximum space savings, high aesthetic, exceptional performance and excellent functionality.

The special design of the system is based on the architectural trend that incorporates straight untied lines thus satisfying a wide range of requirements, both in existing and in new buildings. The series uses the anti bi-metal polyamide, the only solution (especially in sliding units) in order to prevent warping caused by the differences in temperature between the outside and inside profiles.

SL200 adds higher performance characteristics in its category, with thermal insulation $U_f =$ from $2.1 \text{ W/m}^2\text{K}$ and sound reduction up to 26 dB.

Features & Benefits

- Triple rail solution of glass, mosquito screen and shutter in 98.5 mm width and 32 mm height.
- Fortified overlapping rails with mechanical corner connection for demanding constructions.
- Special designed central adaptor of excellent functionality for ultimate water and air tightness.
- Offers high thermal insulation by using additional profiles to the hook profile section.

Configurations

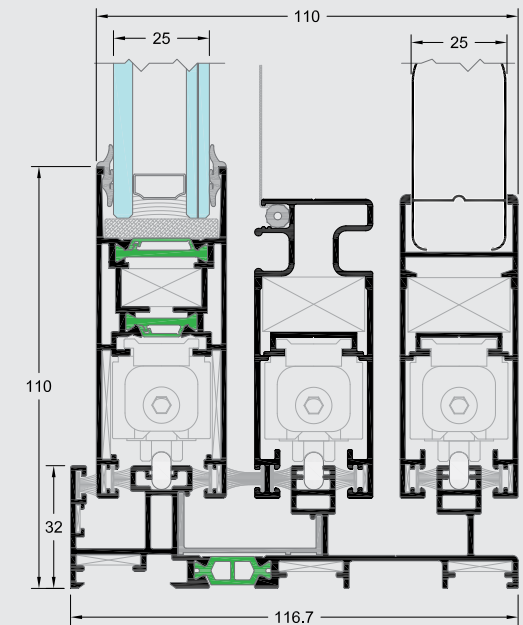
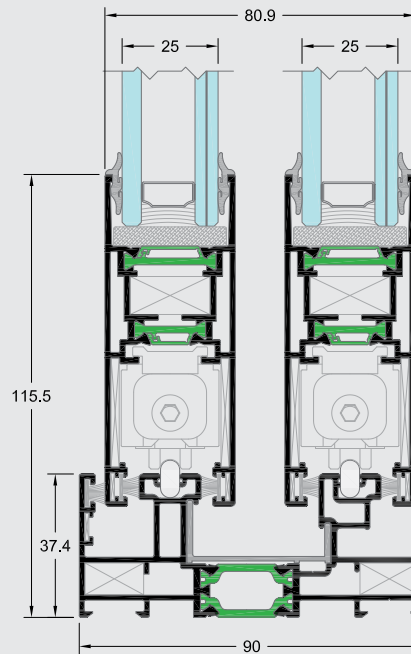
Sliding

2Leaf sliding, 3Leaf sliding, 4Leaf double sliding, 6Leaf double sliding, 2Leaf sliding with insect screen

Combinations

2Leaf sliding SL200 with opening W450

2Leaf sliding with insect screen SL200 with opening W450



HARDWARE

SLIDING •

LIFT & SLIDE

POLYAMIDES mm 12-24

SYSTEM PROFILE DIMENSIONS

FRAME LIFT & SLIDE WIDTH mm 90

MIN FRAME HEIGHT mm 32

MIN FACE HEIGHT mm 110

GLASS THICKNESS mm 22-24

CONSTRUCTION DIMENSIONS

SASH WIDTH mm 330-1800

SASH HEIGHT mm 510-2400

MAX. SASH DIMENSIONS mm (WxH) 1800x2200 / 1600x2400

MAX. SASH WEIGHT mm Kgr 160

CERTIFICATES/PERFORMANCES

AIR PERMEABILITY EN 12207 Class 3

WATER TIGHTNESS EN 12208 Class 3A

RESISTANCE TO WIND LOAD EN 12210 Class C3/B3

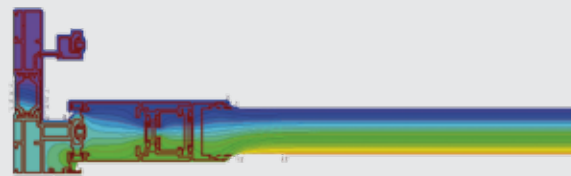
BURGLAR RESISTANCE N/A

SOUND REDUCTION R_w EN 140-3 26 dB (0;-1)

THERMAL INSULATION U_f EN ISO 10077-2 $U_f=2.1-5.1 \text{ W/m}^2\text{K}$



FLAT



Rate of Insulation

$U_w=2.49 \text{ W/m}^2\text{K}$

Thermal conductivity coefficient has calculated for the construction:

1600x2200 with $U_g=1.3 \text{ W/m}^2\text{K}$

Glass type: 5/14 (ARGON) / 3+3