

# SL250

## Lift & Slide Thermal Insulating System

for reliable performance on large openings.



## System Identity

The SL250 system belongs to the generation of thermal insulation systems, offering optimum sealing and thermal insulation level, excellent water tightness and safety.

It is designed based on the modern architectural trends, seeking for profiles in a modern straight line design, where they can give effective solutions to large openings.

The principal characteristic of the system is the use of lifting devices with embedded high strength rollers that first lift, and then sliding takes place, achieving easy and smooth scrolling and ensuring durability and functionality in large dimensions of increased weight. The windows and doors with special multiple locking devices secure the opening.

The SL250 is a timeless reliable lift and slide insulation system that meets the increasing demands for high quality sliding openings, balancing perfectly between durability and functionality and satisfying end users for both ease of use and for the high levels of performance.

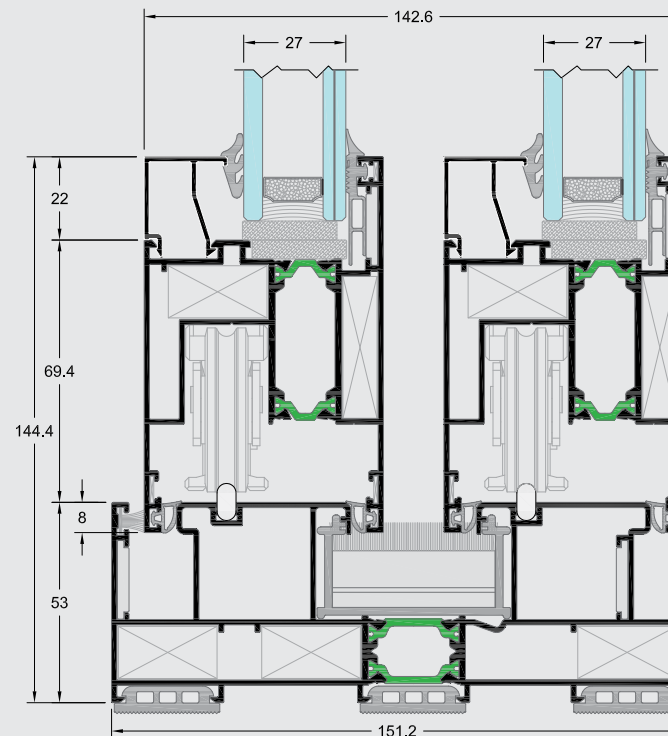
## Features & Benefits

- Optimum sealing and thermal insulation level.
- Maximum safety with multiple locks.
- High resistance to glass weight up to 300 kg (per sash).
- Special rollers that offer ideal scrolling.
- The innovative guide system with our integrated frame gives the possibility to make any typology of sliding door.
- Ability to create resistant and robust construction for large openings.

## Configurations

### Lift - sliding

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

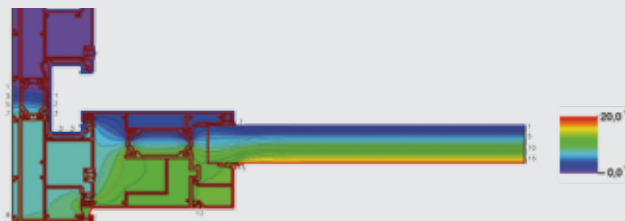


HARDWARE	
SLIDING	
LIFT & SLIDE	•
<b>POLYAMIDES mm</b>	16-24
SYSTEM PROFILE DIMENSIONS	
FRAME LIFT & SLIDE WIDTH mm	151.2
MIN FRAME HEIGHT mm	53
MIN FACE HEIGHT mm	144.4
GLASS THICKNESS mm	22-47

CONSTRUCTION DIMENSIONS	
SASH WIDTH mm	720-3350
SASH HEIGHT mm	1190-2690
MAX. SASH DIMENSIONS mm (WxH)	3350x2400 / 2900x2690
MAX. SASH WEIGHT mm Kgr	300, 400*

CERTIFICATES/PERFORMANCES	
AIR PERMEABILITY EN 12207	Class 3
WATER TIGHTNESS EN 12208	Class 3A
RESISTANCE TO WIND LOAD EN 12210	Class C4
BURGLAR RESISTANCE	N/A
SOUND REDUCTION Rw EN 140-3	N/A
THERMAL INSULATION Uf ISO 10077-2	Uf=3.0-5.5 W/m²K

\*With extra rollers



### Rate of Insulation

# Uw=1.95 W/m²K

Thermal conductivity coefficient has calculated for the construction:  
2500x2400 with Ug=0.8 W/m²K  
Glass type: 5/16 (ARGON) / 3+3