

ESSENCE

SL60 HI²

elvial



SLIDING SYSTEM

When creating the scenery for living, the aluminium system is of essence. Choose ESSENCE SL60 HI², one of our best solutions for any kind of building project.

ESSENCE

SL60 HI²

Enjoy the smooth movement and flawless function. Relish the abundance of light and comfortable space.



**LIFT & SLIDE
SUCCESSIVE
CONSTRUCTIONS**

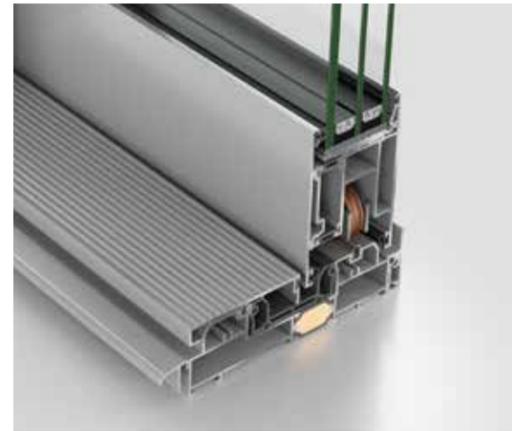
**INWALL
LIFT & SLIDE
CONSTRUCTIONS**

| | | | |
|--|--------------------------------------|--|--|
| | 2-Sash | | 4-Sash meeting stile with fixed parts |
| | 2-Sash with fixed part | | 4-Sash meeting stile with fixed parts and flyscreen |
| | 2-Sash with flyscreen | | 5-Sash with multi-track |
| | 2-Sash with fixed part and flyscreen | | 2-Sash angular - Inner angle |
| | 3-Sash | | 2-Sash angular - Outer angle |
| | 3-Sash with fixed part | | 3-Sash angular - Inner angle |
| | 3-Sash with multi-track | | 3-Sash angular - Outer angle |
| | 4-Sash meeting stile | | |
| | 1-Sash inwall | | 1-Sash inwall with flyscreen and shutter |
| | 1-Sash inwall with flyscreen | | 2-Sash inwall meeting stile with flyscreen and shutter |
| | 1-Sash inwall with shutter | | |

TECHNOLOGY

THERMAL INSULATION

- Enhanced customized insulation bars are set both in the central zone and the middle mullion
- Complete filling of the middle chamber on all system's tracks using the innovative insulation technology of **ELVIAL I²**
- A **foam insulating profile** (LDPE) is fitted at the perimeter of the glazing zone
- Co-extruded gasket on the bottom part of sashes, sealing the track and the adjoining profile for angular constructions



ADVANCED SEALING SYSTEM

- Q-LON** in the successive area insulating bars, even in the narrow mullion width edition
- Specially designed **gaskets** that apply effectively in 2 points in the successive area
- Sealing with EPDM gaskets and vulcanized gasket corners, guaranteeing a high level perimetrical waterproofing of the sash with the track
- Elastometric **central sealants** of excellent design, which fit perfectly on the surface of the aluminium, giving a high sealing performance

EXTRA FEATURES

FUNCTIONALITY

- Handles for unique style
- Handle damper
- Lift assist that reduces the feel of weight
- Options of Silent Close Damping Unit & Stop Damping Unit
- Anti-Jemmy Device



Black Anodizing



Inox Satine



Natural Anodizing

COLORS

IDENTITY

DESIGN

PROPERTIES

PERFORMANCE

ENERGY

COMFORT

| | | | | |
|--------------------------------|--|----------------|--------------|----|
| Sash Depth | | | 60 | mm |
| Visible Height | | [sash 95 mm] | 127 | mm |
| | | [sash 85 mm] | 117 | mm |
| Successive Meeting Stile Width | | [sash 95 mm] | 105 | mm |
| | | [sash 85 mm] | 95 | mm |
| | | [sash 43.5 mm] | 48 | mm |
| Middle Mullion Width Fixed T | | [sash 95 mm] | 198 | mm |
| | | [sash 85 mm] | 178 | mm |
| Max Sash Height | | | 3.500 | mm |
| Max Sash Width | | | 3.000 | mm |
| Max Sash Weight | | | 440 | kg |
| Max Glass Thickness | | | 46 | mm |

| | | | |
|---|-----------------------------------|---|---|
| 2-Sash successive construction 3.500 x 6.000 mm | Uw ≥ 0.96 W/m²K | 2-Sash successive construction 3.500 x 6.000 mm | Uw ≥ 1.41 W/m²K |
| Triple glazing, Ug = 0.6 W/m ² K with Swisspacer Ultimate | | Double glazing, Ug = 1.1 W/m ² K with Swisspacer Ultimate | |
| Air Permeability | EN 12207 | Air Permeability | Class 4 [600Pa] |
| Watertightness | EN 12208 | Watertightness | E1200 [1.200Pa] |
| Resistance to Wind Load | EN 12210 | Resistance to Wind Load | C2/B3 [1.200Pa] |
| Sound Reduction | EN 14351-1 | Sound Reduction | 45dB ^{Glazing} 68.2/20/55.2 |
| Operating Forces | EN 13115 | Operating Forces | Class 1 |

SEE LIFE FROM A DIFFERENT
VIEW THROUGH ELVIAL'S
ALUMINIUM SYSTEMS

DISCOVER OUR INNOVATIONS

ELVIAL I² INSULATION TECHNOLOGY
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE
ARCHITECTURAL SYSTEMS**

ICONIC W77 AI²
ICONIC W77BS AI²
ICONIC W77ST AI²

ESSENCE W67 HI²
ESSENCE W67BS HI²
ESSENCE W67ST HI²

ESSENCE SL60 HI² FLAT EDITION
ELVIAL SL60 HI² CLASSIC
ESSENCE SL50 HI² FLAT EDITION
ELVIAL SL50 HI² CLASSIC

MINIMAL LOOK SL68 AI²
MINIMAL LOOK SL52 HI²
MINIMAL LOOK SL52 HI
INVISIBLE INSIDE-OUT

ESSENCE FD77

ICONIC D77 AI²
ESSENCE D67 HI²

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180