

ESSENCE

# SL60 HI<sup>2</sup> FLAT EDITION

elviaL



## SLIDING SYSTEM

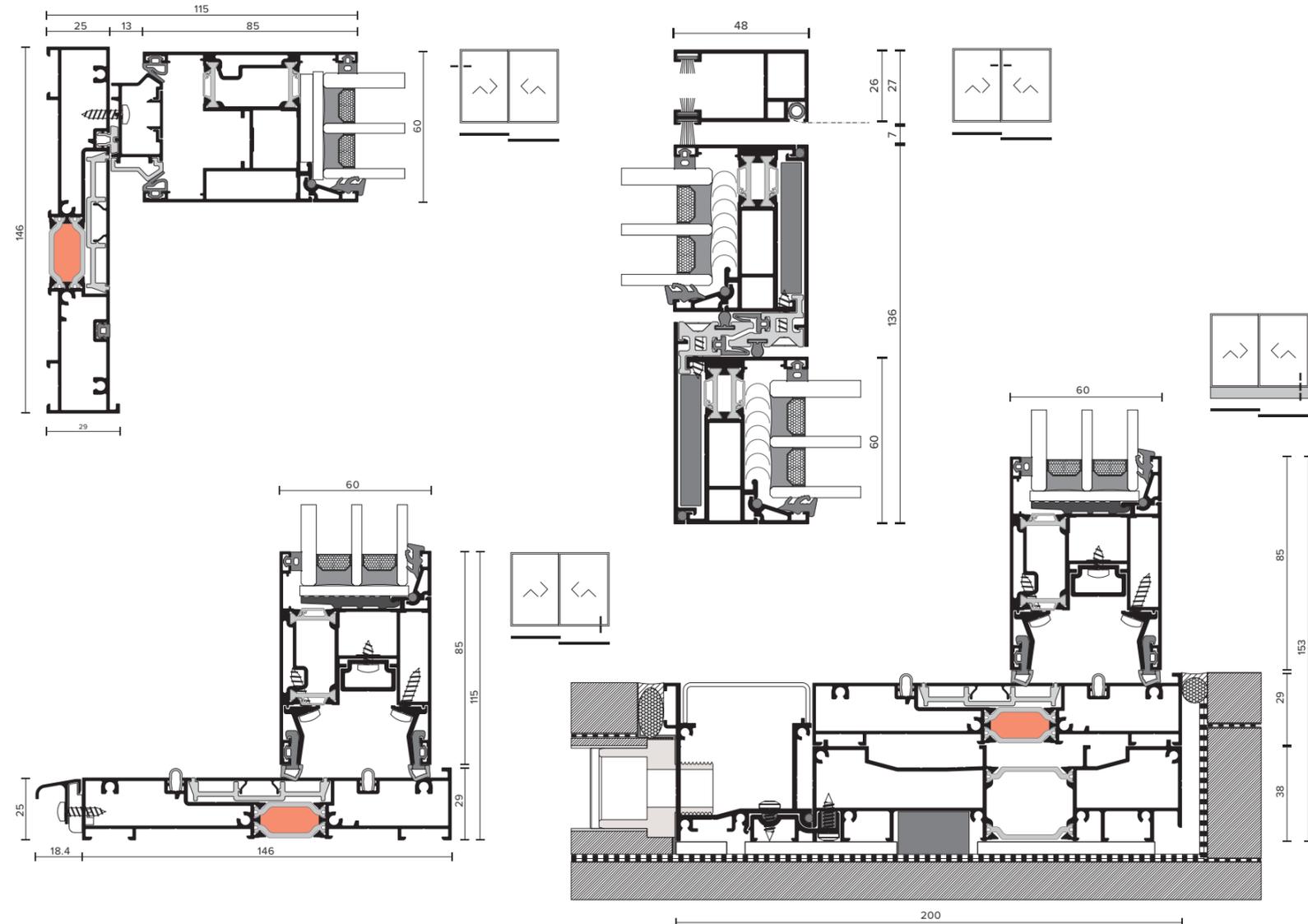
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Limits are ever-expanding and you need an aluminium solution that will allow you to create the limit. This is the ESSENCE SL60 HI<sup>2</sup> FLAT EDITION.

ESSENCE

# SL60 HI<sup>2</sup> FLAT EDITION

Freely create large openings thanks to the meticulously designed reinforcements that offer high static stability.



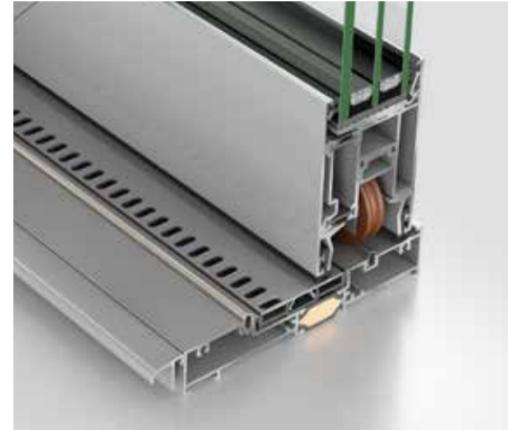
**LIFT & SLIDE  
SUCCESSIVE  
CONSTRUCTIONS**

	2-Sash		2-Sash angular - Inner angle
	2-Sash with fixed part		2-Sash angular - Outer angle
	2-Sash with flyscreen		3-Sash angular - Inner angle
	2-Sash with fixed part and flyscreen		3-Sash angular - Outer angle
	4-Sash meeting stile		
	4-Sash meeting stile with fixed parts		
	3-Sash with multi-track		
	3-Sash with fixed part		
	4-Sash meeting stile with fixed parts and flyscreen		
	4-Sash meeting stile with flyscreen		
	6-Sash with multi-track		

## TECHNOLOGY

### THERMAL INSULATION

- 1 Enhanced customized insulation bars are set both in the central zone and the middle mullion
- 2 Complete filling of the middle chamber on all system's tracks using the innovative insulation technology of **ELVIAL I<sup>2</sup>**
- 3 **A foam insulating profile (LDPE)** is fitted at the perimeter of the glazing zone
- 4 Co-extruded gasket on the bottom part of sashes, sealing the track and the adjoining profile for angular constructions



### ADVANCED SEALING SYSTEM

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

## EXTRA FEATURES

### FUNCTIONALITY

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



### COLORS

- Black Anodizing
- Inox Satine
- Natural Anodizing

## IDENTITY

### DESIGN

Sash Depth			<b>60</b>	mm
Visible Height		[sash 95 mm]	<b>125</b>	mm
		[sash 85 mm]	<b>115</b>	mm
Successive Middle Mullion Width		[sash 95 mm]	<b>105</b>	mm
		[sash 85 mm]	<b>95</b>	mm
Meeting Stile Construction Width		[sash 43.5 mm]	<b>48</b>	mm
		[sash 95 mm]	<b>198</b>	mm
		[sash 85 mm]	<b>178</b>	mm

### PROPERTIES

Max Sash Height			<b>3.500</b>	mm
Max Sash Width			<b>3.000</b>	mm
Max Sash Weight			<b>440</b>	kg
Max Glass Thickness			<b>46</b>	mm

## PERFORMANCE

### ENERGY

2-Sash Successive Construction 3.500 x 6.000 mm	<b>Uw ≥ 1.04W/m<sup>2</sup>K</b>	2-Sash Successive Construction 3.500 x 6.000 mm	<b>Uw ≥ 1.48 W/m<sup>2</sup>K</b>
Triple Glazing, Ug = 0.6 W/m <sup>2</sup> K with Swisspacer Ultimate		Double Glazing, Ug = 1.1 W/m <sup>2</sup> K with Swisspacer Ultimate	

### COMFORT

Air Permeability	EN 12207	<b>Class 4</b> [ 600Pa ]
Watertightness	EN 12208	<b>7A</b> [ 300Pa ]
Resistance to Wind Load	EN 12210	<b>B3</b> [ 1.200Pa ]
Sound Reduction	EN 14351-1	<b>45dB</b> <sup>Glazing</sup> 68.2/20/55.2

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

## DISCOVER OUR INNOVATIONS

ELVIAL I<sup>2</sup> INSULATION TECHNOLOGY  
ELVIAL PRE-ANODIZING 2IN1

## DISCOVER MORE ARCHITECTURAL SYSTEMS

ICONIC W77 AI<sup>2</sup>  
ICONIC W77BS AI<sup>2</sup>  
ICONIC W77ST AI<sup>2</sup>

ESSENCE W67 HI<sup>2</sup>  
ESSENCE W67BS HI<sup>2</sup>  
ESSENCE W67ST HI<sup>2</sup>

ESSENCE SL60 HI<sup>2</sup>  
ELVIAL SL60 HI<sup>2</sup> CLASSIC  
ESSENCE SL50 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL50 HI<sup>2</sup> CLASSIC

MINIMAL LOOK SL68 AI<sup>2</sup>  
MINIMAL LOOK SL52 HI<sup>2</sup>  
MINIMAL LOOK SL52 HI  
INVISIBLE INSIDE-OUT

ESSENCE FD77

ICONIC D77 AI<sup>2</sup>  
ESSENCE D67 HI<sup>2</sup>

ELVIAL FS50  
ESSENCE SD55  
ESSENCE CLADDING CL180