

ESSENCE

elvial

# SL50 HI<sup>2</sup> FLAT EDITION



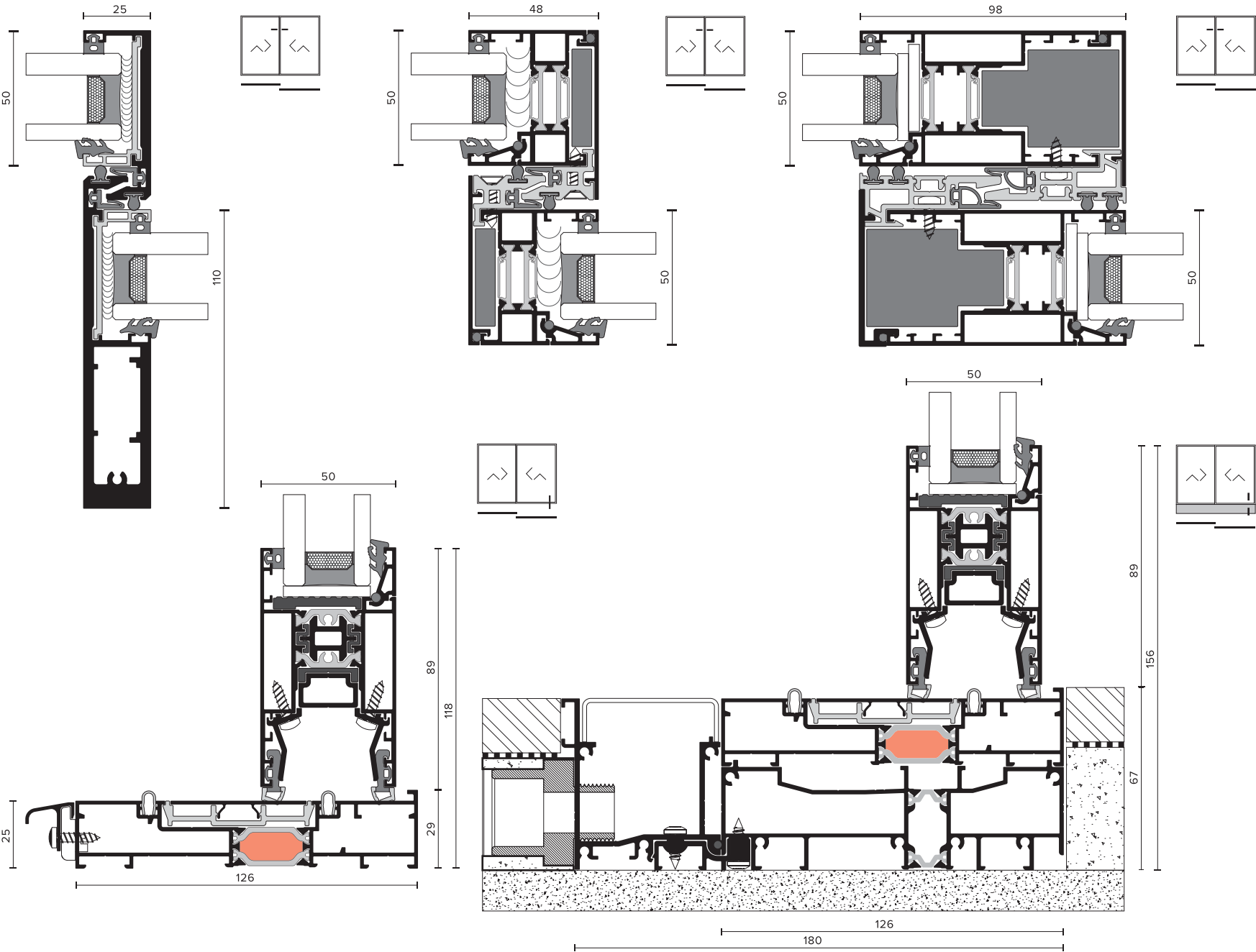
## SLIDING SYSTEM

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One more edition of aesthetic excellence and functional performance by ELVIAL does not come as a surprise. ESSENCE SL50 HI2 FLAT EDITION with a 25mm external and 29mm internal track and a built-in alternative will perfectly frame the limit of a comfortable interior.

ESSENCE

# SL50 HI<sup>2</sup> FLAT EDITION



LIFT & SLIDE  
SUCCESSIVE  
CONSTRUCTIONS

	2-Sash		6-Sash meeting stile with fixed parts
	2-Sash with fixed part		2-Sash angular - Inner angle
	2-Sash with flyscreen		Δίφυλλο γωνιακό - Εξωτερική γωνία
	2-Sash with fixed part and flyscreen		2-Sash angular - Outer angle
	3-Sash		2-Sash angular with flyscreen - Outer angle
	4-Sash meeting stile		3-Sash angular - Inner angle
	4-Sash meeting stile with flyscreen		3-Sash angular - Outer angle
	4-Sash meeting stile with fixed parts and flyscreen		

TECHNOLOGY

THERMAL  
INSULATION

- 1

**Insulation Bars** are set on all system’s tracks
- 2

Complete filling of the middle chamber on all system’s tracks using the innovative insulation technology of **ELVIAL I²**
- 3

**A Foam Insulating Profile** (LDPE) is fitted at the perimeter of the glazing zone, minimizing thermal energy loss
- 4

Co-extruded gasket on the bottom part of sashes, sealing the adjoining profile for angular constructions

ADVANCED  
SEASLING 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 areaç
- 3

**Specially designed 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
- 5

Ghost glazing gaskets minimizes the visible facet and renders the gaskets practically invisible.

IDENTITY

DESIGN

PROPERTIES

Sash Depth		<b>50</b>	mm
Visible Height		<b>118</b>	mm
Successive Middle Mullion Width		<b>98   48   25</b>	mm
Successive Meeting Stile Width		<b>184</b>	mm
Max Sash Height		<b>3.500</b>	mm
Max Sash Width		<b>3.000</b>	mm
Max Sash Weight		<b>400</b>	kg
Max Glass Thickness	 <div>[Successive 98 mm &amp; 48 mm] [Successive 25 mm]</div>	<b>36</b> <b>34</b>	mm mm

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
-   
Inox Satine
-   
Natural Anodized

ENERGY

COMFORT

PERFORMANCE

2-Sash successive construction 6.000 x 3.500 mm	Double glazing, Ug = 1.1 W/m²K with Swisspacer Ultimate	<b>Uw ≥ 1.42 W/m²K</b>
Air Permeability	EN 12207	<b>Class 4</b> [ 600Pa ]
Watertightness	EN 12208	<b>E900</b> [ 900Pa ]
Resistance to Wind Load	EN 12210	<b>B2</b> [ 800Pa ]
Sound Reduction	EN 14351-1	<b>43dB</b> <sup>Glazing</sup> 44.2/15/66.2
Operating Forces	EN 13115	<b>Class 1</b>

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

**DISCOVER OUR INNOVATIVE TECH**

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>  
ESSENCE SL60 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL60 HI<sup>2</sup> CLASSIC  
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 IN & OUT

ELVIAL SL46 SI<sup>2</sup> CLASSIC  
ELVIAL SL46 SI<sup>2</sup> FLAT EDITION  
ELVIAL SL46 SI<sup>2</sup>\_MD

ESSENCE FD77

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

ELVIAL FS50  
ESSENCE SD55  
ESSENCE CLADDING CL180