

ESSENCE

elvial

SL50 HI² FLAT EDITION

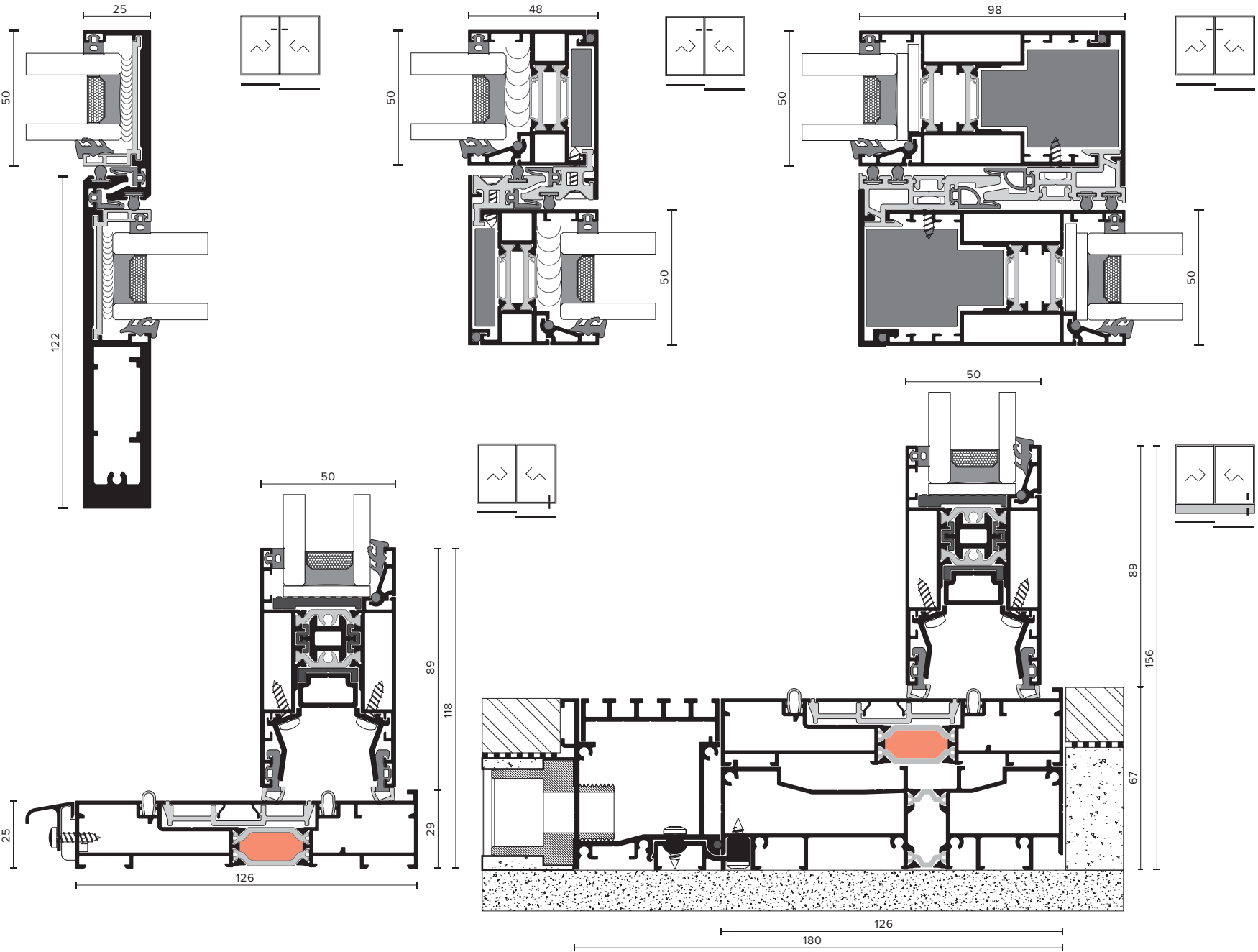


SLIDING SYSTEM

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 HI² FLAT EDITION



LIFT & SLIDE
SUCCESSIVE
CONSTRUCTIONS

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

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
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 **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

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

IDENTITY

DESIGN

PROPERTIES

PERFORMANCE

ENERGY

COMFORT

Sash Depth		50	mm
Visible Height		118	mm
Middle Mullion Width Successive		[sash 88 mm] 98 [sash 43 mm] 48 [sash 25 mm] 25	mm
Meeting Stile Construction Width Meeting Stile		184	mm
Max Sash Height		3.500	mm
Max Sash Width		3.000	mm
Max Sash Weight		400	kg
Max Glass Thickness		[mullion width 98 mm & 48 mm] 36 [mullion width 25 mm] 34	mm

2-Sash successive construction 6.000 x 3.500 mm	Double glazing, Ug = 1.1 W/m²K with Swisspacer Ultimate	Uw ≥ 1.42 W/m²K
Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	7A [300Pa]
Resistance to Wind Load	EN 12210	C2/B2 [800Pa]
Operating Forces	EN 13115	Class 1

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

DISCOVER OUR INNOVATIVE TECH

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

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

ELVIAL SL46 SI² CLASSIC
ELVIAL SL46 SI² FLAT EDITION
ELVIAL SL46 SI²_MD

ESSENCE FD77

ICONIC D77 AI²
ESSENCE D67 HI²

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180