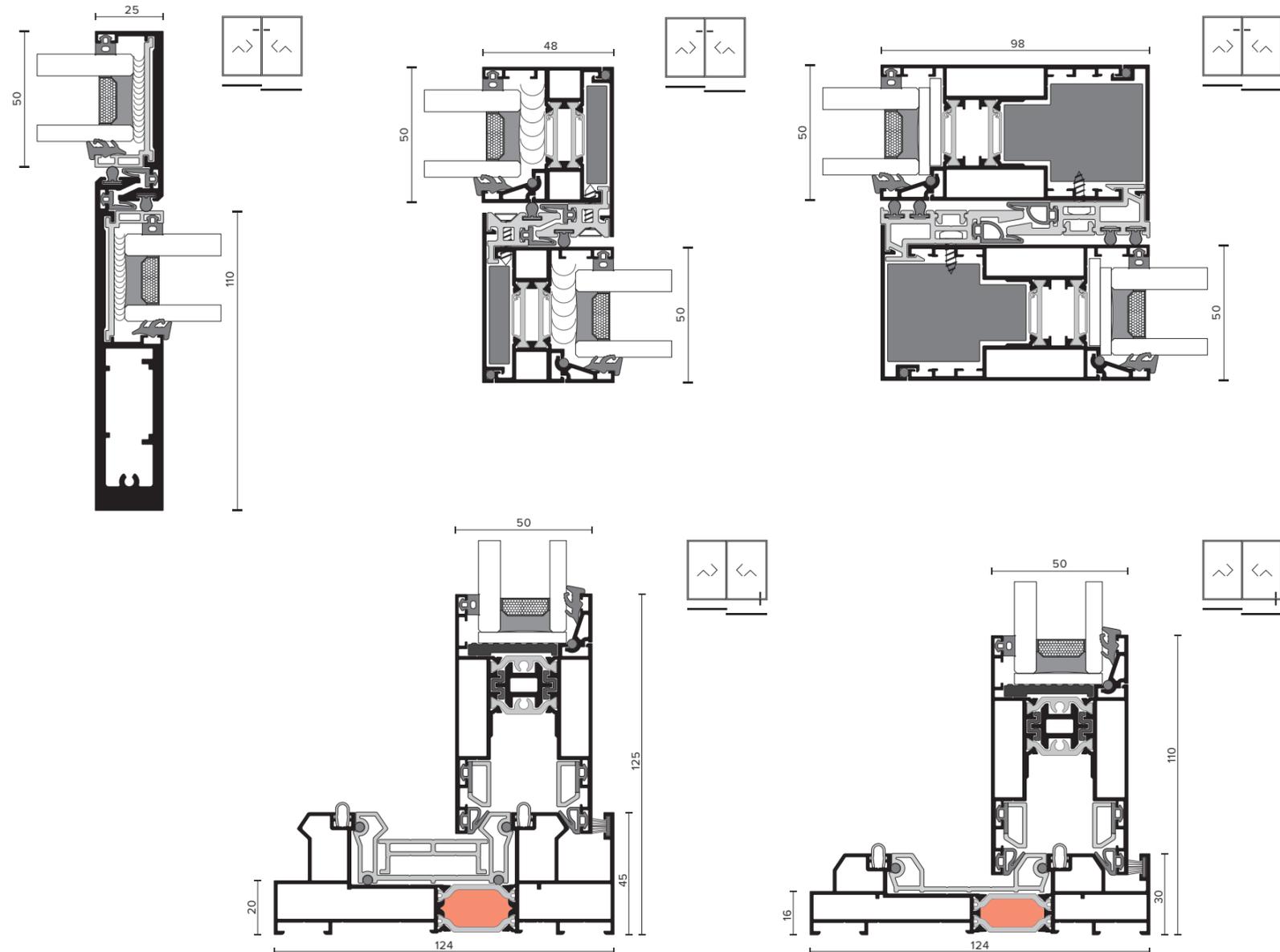# **SL50 HI² CLASSIC**

ELVIAL

SLIDING SYSTEM

With a 25mm mullion width option, linear design, and typologies that meet every architectural demand, it represents a durable and aesthetically pleasing solution for high-end spaces. SL50 HI² CLASSIC is the ideal lift and slide and sliding solution for maximum openings, maximum natural light, and absolute construction superiority.

ELVIAL

SL50 HI² CLASSIC

SLIDING AND 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	2-Sash angular - Outer angle
2-Sash with fixed part and flyscreen	2-Sash angular with flyscreen - Inner 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	Fixed Sliding Fixed
4-Sash with multi-track	Σταθερό (με πηχάκι) συρόμενο μέσα
5-Sash with multi-track	Σταθερό (με πηχάκι) συρόμενο έξω

INWALL SLIDING AND LIFT & SLIDE CONSTRUCTIONS

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

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

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

LIFT & SLIDE EDITION

SLIDING EDITION

IDENTITY

DESIGN

PROPERTIES

Sash Depth		**50**	mm
Visible Height	[sash 88 mm]	**125 | 110**	mm
	[sash 72 mm]	**109 | 94**	mm
Successive Middle Mullion Width	[sash 88 mm]	**98**	mm
	[sash 43.5 mm]	**48**	mm
	[sash 25 mm]	**25**	mm
Successive Meeting Stile Width	[sash 88 mm]	**184**	mm
	[sash 72 mm]	**152**	mm
Middle Mullion Width Fixed T	[sash 88 mm]	**98**	mm
	[sash 43.5 mm]	**48**	mm
Max Sash Height		**3.500**	mm
Max Sash Width		**3.000**	mm
Max Sash Weight		**400**	kg
Max Glass Thickness	[Successive 98 mm & 48 mm]	**36**	mm
	[Successive 25 mm]	**34**	mm

PERFORMANCE

ENERGY

2-Sash successive construction 6.000 x 3.500 mm	Double glazing, Ug = 1.1 W/m²K with Swisspacer Ultimate	**Uw ≥ 1.35 W/m²K**

COMFORT

Air Permeability	EN 12207	**Class 4**	[600Pa]
Watertightness	EN 12208	**E900**	[900Pa]
Resistance to Wind Load	EN 12210	**B2**	[800Pa]
Sound Reduction	EN 14351-1	**43dB**	Glazing 44.2/15/66.2
Operating Force	EN 13115	**Class 1**	

elvial

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

DISCOVER OUR INNOVATIVE TECH

ELVIAL I^2 INSULATION TECHNOLOGY
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE
ARCHITECTURAL SYSTEMS**

ICONIC W77 AI^2
ICONIC W77BS AI^2
ICONIC W77ST AI^2

ESSENCE W67 HI^2
ESSENCE W67BS HI^2
ESSENCE W67ST HI^2

ESSENCE SL60 HI^2
ESSENCE SL60 HI^2 FLAT EDITION
ELVIAL SL60 HI^2 CLASSIC
ESSENCE SL50 HI^2 FLAT EDITION

MINIMAL LOOK SL68 AI^2
MINIMAL LOOK SL52 HI^2
MINIMAL LOOK SL52 HI
INVISIBLE INSIDE-OUT

ELVIAL SL46 SI^2 CLASSIC
ELVIAL SL46 SI^2 FLAT EDITION
ELVIAL SL46 SI^2_MD

ESSENCE FD77

ICONIC D77 AI^2
ESSENCE D67 HI^2

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180

elvial.com

FSC