

ELVIAL

elvial

SL50 HI² CLASSIC

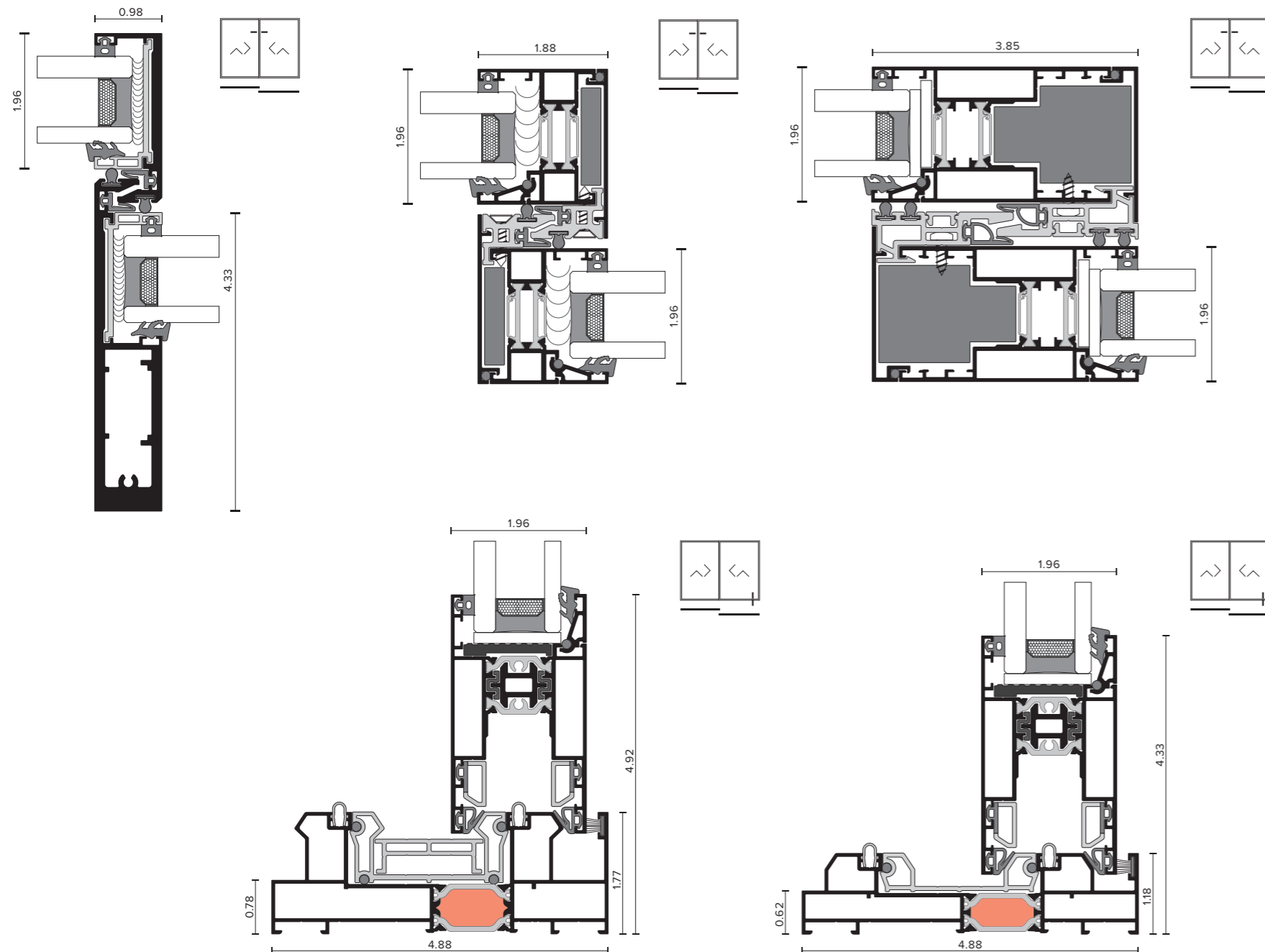


SLIDING SYSTEM

With a 0.98 in 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**

**INWALL SLIDING
AND LIFT & SLIDE
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
	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 aluminum, giving a high sealing performance
- 5 Ghost glazing gaskets minimizes the visible facet and renders the gaskets practically invisible.

IDENTITY

DESIGN

PROPERTIES

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



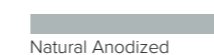
LIFT & SLIDE EDITION



SLIDING EDITION



COLORS



PERFORMANCE

ENERGY

COMFORT

Sash Depth			1.96	in
Visible Height		[sash 3.46 in]	4.92 4.33	in
		[sash 2.83 in]	4.29 3.70	in
Successive Middle Mullion Width		[sash 3.46 in]	3.85	in
		[sash 1.71 in]	1.88	in
Successive Meeting Stile Width		[sash 0.98 in]	0.98	in
		[sash 3.46 in]	7.24	in
Middle Mullion Width Fixed T		[sash 3.46 in]	3.85	in
		[sash 1.71 in]	1.88	in
Max Sash Height			137.79	in
Max Sash Width			118.11	in
Max Sash Weight			881	lb
Max Glass Thickness		[Successive 3.85 in & 1.88 in]	1.41	in
		[Successive 0.98 in]	1.33	in

2-Sash successive construction 236.22 x 137.79 in	Double glazing, U _g = 0.19 kN/m ² with Swisspacer Ultimate	U_w ≥ 0.23 kN/m²
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

SEE LIFE FROM A DIFFERENT
VIEW THROUGH ELVIAL'S
ALUMINUM 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
ESSENCE SL50 HI² FLAT EDITION

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