

ELVIAL

SL60 HI² FLAT EDITION



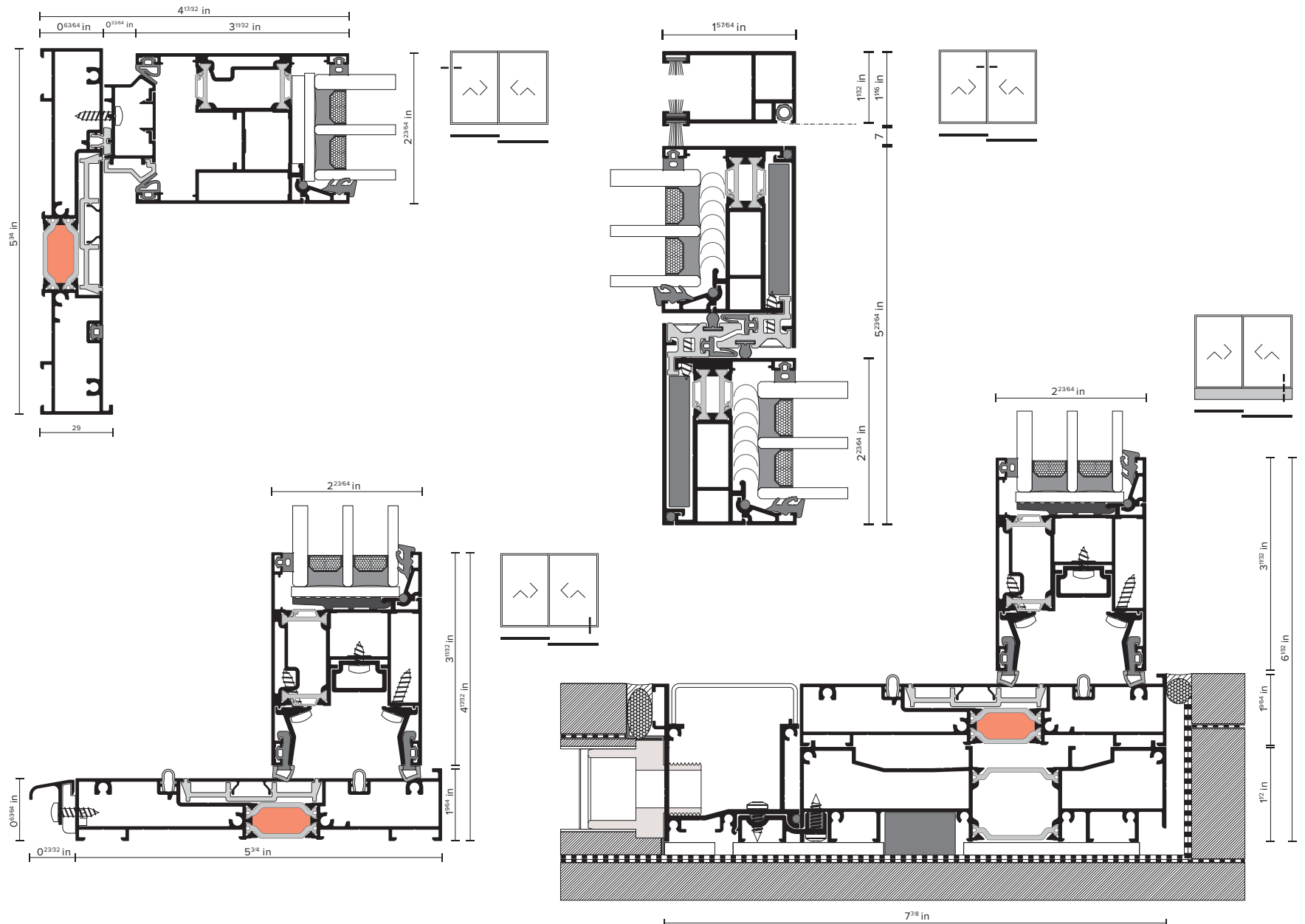
SLIDING SYSTEM

Limits are ever-expanding and you need an aluminium solution that will allow you to create the limit. This is the ESSENCE SL60 HI² FLAT EDITION

ESSENCE

SL60 HI² FLAT EDITION

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



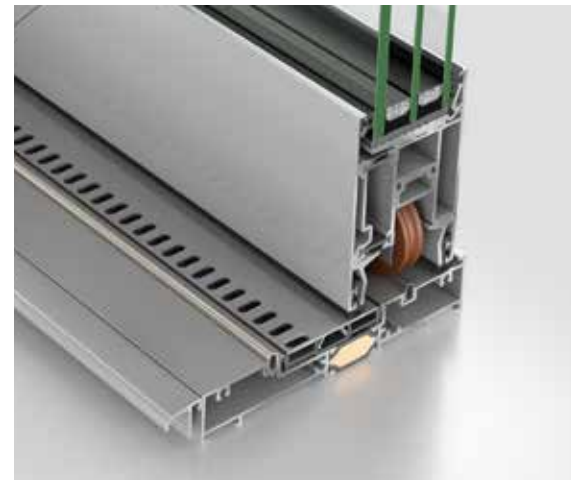
TECHNOLOGY

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 I²**
- 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			2²³6⁴	in
Visible Height		[sash 95 mm]	4⁵⁹6⁴	in
		[sash 85 mm]	4¹⁷3²	in
Successive Middle Mullion Width		[sash 95 mm]	4⁹6⁴	in
		[sash 85 mm]	3⁴⁷6⁴	in
		[sash 43.5 mm]	1⁵⁷6⁴	in
Meeting Stile Construction Width		[sash 95 mm]	7⁵¹6⁴	in
		[sash 85 mm]	7¹6⁴	in

PROPERTIES

Max Sash Height			137⁵¹6⁴	in
Max Sash Width			11¹²1⁶	in
Max Sash Weight			970	lb
Max Glass Thickness			1¹³1⁶	in

PERFORMANCE

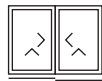
ENERGY

2-Sash Successive Construction 137 ⁵¹ 6 ⁴ x 236 ⁷ 3 ² in	Uw ≥ 0.18 Btu/hr.ft².°F	2-Sash Successive Construction 137 ⁵¹ 6 ⁴ x 236 ⁷ 3 ² in	Uw ≥ 0.26 Btu/hr.ft².°F
Triple Glazing, Ug = 0.10 Btu/hr.ft ² .°F with Swisspacer Ultimate		Double Glazing, Ug = 0.19 Btu/hr.ft ² .°F with Swisspacer Ultimate	

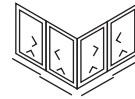
COMFORT

Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	E1200 [1.200Pa]
Resistance to Wind Load	EN 12210	C2/B3 [1.200Pa]
Sound Reduction	EN 14351-1	43dB <small>Υαλοπίνακας</small> 44.2/15/66.2

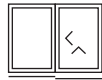
**LIFT & SLIDE
SUCCESSIVE
CONSTRUCTIONS**



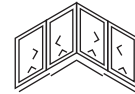
2-Sash



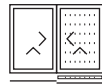
2-Sash angular - Inner angle



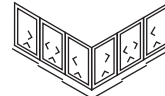
2-Sash with fixed part



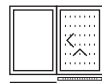
2-Sash angular - Outer angle



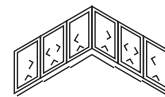
2-Sash with flyscreen



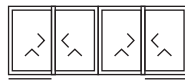
3-Sash angular - Inner angle



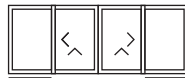
2-Sash with fixed part and flyscreen



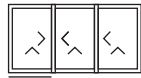
3-Sash angular - Outer angle



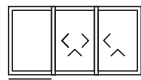
4-Sash meeting stile



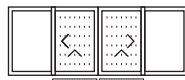
4-Sash meeting stile with fixed parts



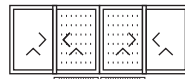
3-Sash with multi-track



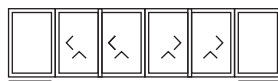
3-Sash with fixed part



4-Sash meeting stile with fixed parts and flyscreen



4-Sash meeting stile with flyscreen



6-Sash with multi-track

elvial

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

DISCOVER OUR INNOVATIONS

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

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

ICONIC D77 AI²
ESSENCE D67 HI²

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180

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