

ESSENCE

SL60 HI²

elvia



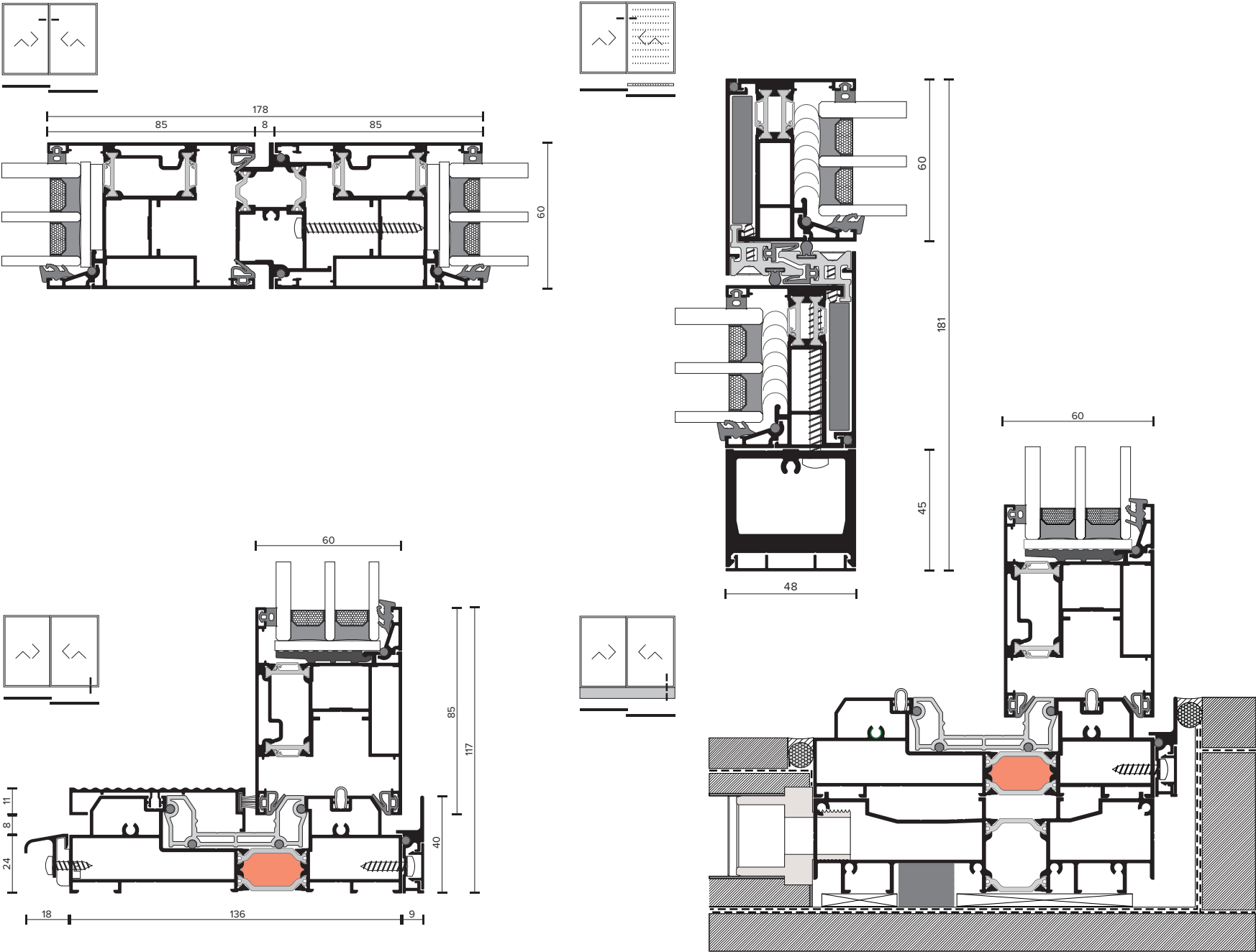
SLIDING SYSTEM

When creating the scenery for living, the aluminium system is of essence. Choose ESSENCE SL60 HI², one of our best solutions for any kind of building project.

ESSENCE

SL60 HI²

Enjoy the smooth movement and flawless function. Relish the abundance of light and comfortable space.



LIFT & SLIDE
SUCCESSIVE
CONSTRUCTIONS

	2-Sash		4-Sash meeting stile with fixed parts
	2-Sash with fixed part		4-Sash meeting stile with fixed parts and flyscreen
	2-Sash with flyscreen		5-Sash with multi-track
	2-Sash with fixed part and flyscreen		2-Sash angular - Inner angle
	3-Sash		2-Sash angular - Outer angle
	3-Sash with fixed part		3-Sash angular - Inner angle
	3-Sash with multi-track		3-Sash angular - Outer angle
	4-Sash meeting stile		

INWALL
LIFT & SLIDE
CONSRUCTIONS

	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

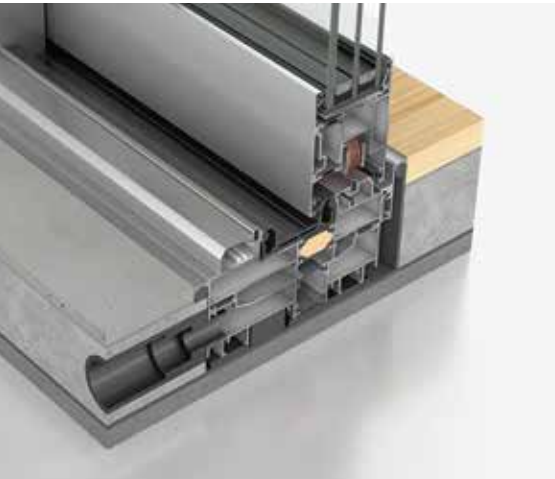
- 1

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

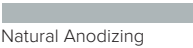
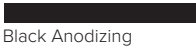
Lift assist that reduces the feel of weight
- 4

Options of Silent Close Damping Unit & Stop Damping Unit
- 5

Anti-Jemmy Device



COLORS



IDENTITY

DESIGN

PROPERTIES

PERFORMANCE

ENERGY

COMFORT

Sash Depth			60	mm
Visible Height		[sash 95 mm]	127	mm
		[sash 85 mm]	117	mm
Middle Mullion Width Successive		[sash 95 mm]	105	mm
		[sash 85 mm]	95	mm
Meeting Stile Construction Width Meeting Stile		[sash 43 mm]	48	mm
		[sash 95 mm]	198	mm
		[sash 85 mm]	178	mm
Max Sash Height			3.500	mm
Max Sash Width			3.000	mm
Max Sash Weight			440	kg
Max Glass Thickness			46	mm

2-Sash successive construction 3.500 x 6.000 mm	Uw ≥ 0.96 W/m²K	2-Sash successive construction 3.500 x 6.000 mm	Uw ≥ 1.41 W/m²K
Triple glazing, Ug = 0.6 W/m²K with Swisspacer Ultimate		Double glazing, Ug = 1.1 W/m²K with Swisspacer Ultimate	
Air Permeability	EN 12207	Class 4 [600Pa]	
Watertightness	EN 12208	9A [600Pa]	
Resistance to Wind Load	EN 12210	C5/B5 [2.000Pa]	
Operating Forces	EN 13115	Class 2	
Mechanical Properties	EN 13115	Class 3	

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 FLAT EDITION
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

ESSENCE FD77

ICONIC D77 AI²
ESSENCE D67 HI²

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180