

ESSENCE

elvia

SL60 HI² FLAT EDITION



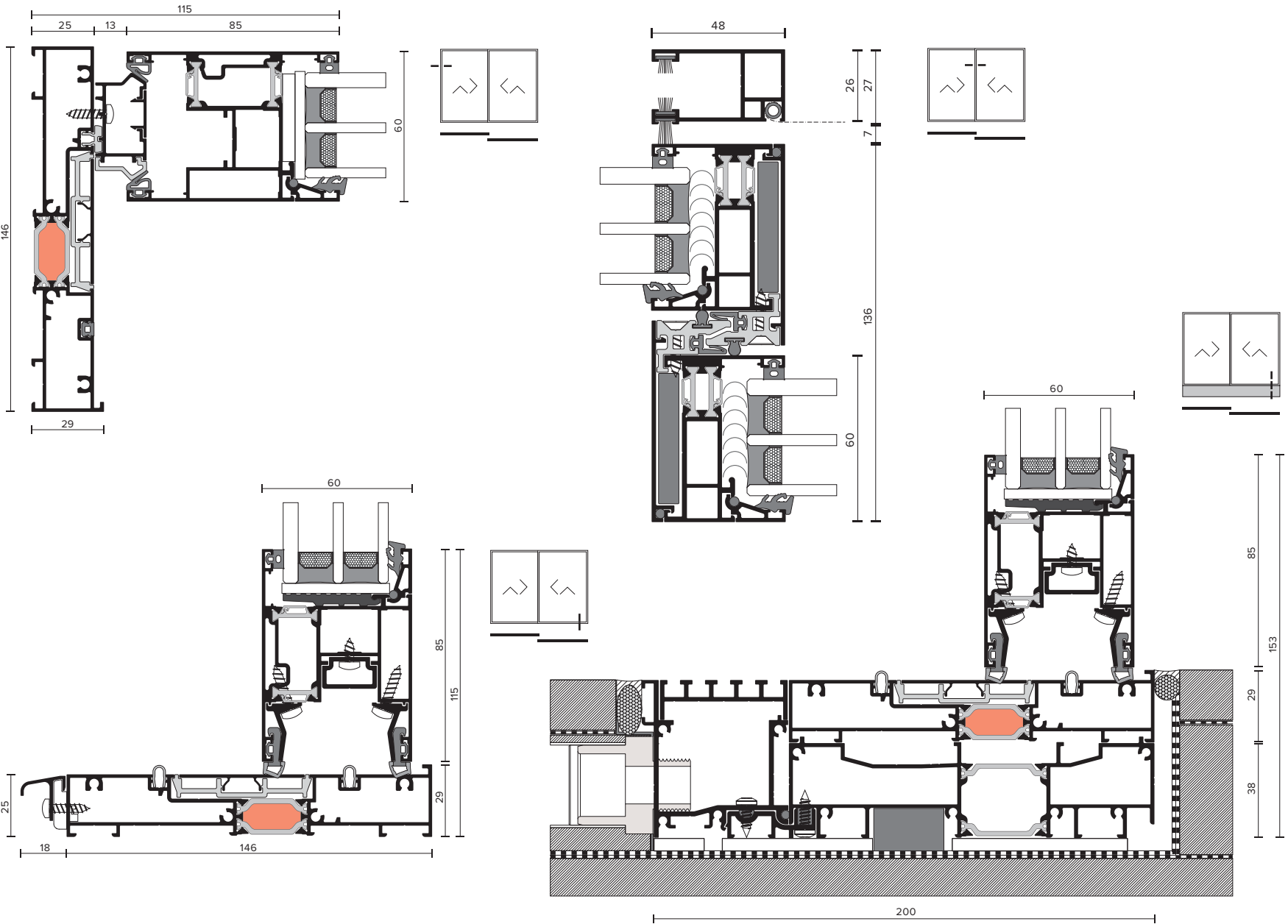
SLIDING SYSTEM

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.



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		
	3-Sash with fixed part		
	4-Sash meeting stile with fixed parts and flyscreen		
	4-Sash meeting stile with flyscreen		
	6-Sash meeting stile with fixed parts		

TECHNOLOGY

THERMAL
INSULATION

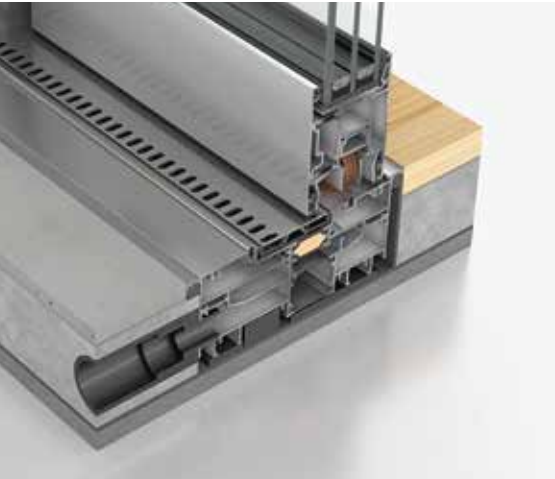
- 1

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

PROPERTIES

ENERGY

COMFORT

Sash Depth			60	mm
Visible Height		[sash 95 mm]	125	mm
		[sash 85 mm]	115	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

PERFORMANCE

2-Sash Successive Construction 3.500 x 6.000 mm	Uw ≥ 1.04W/m²K	2-Sash Successive Construction 3.500 x 6.000 mm	Uw ≥ 1.48 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	7A	[300Pa]
Resistance to Wind Load	EN 12210	B3	[1.200Pa]

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

ESSENCE FD77

ICONIC D77 AI²
ESSENCE D67 HI²

ELVIAL FS50
ESSENCE SD55
ESSENCE CLADDING CL180