

ELVIAL

elvial

SL46 SI² CLASSIC



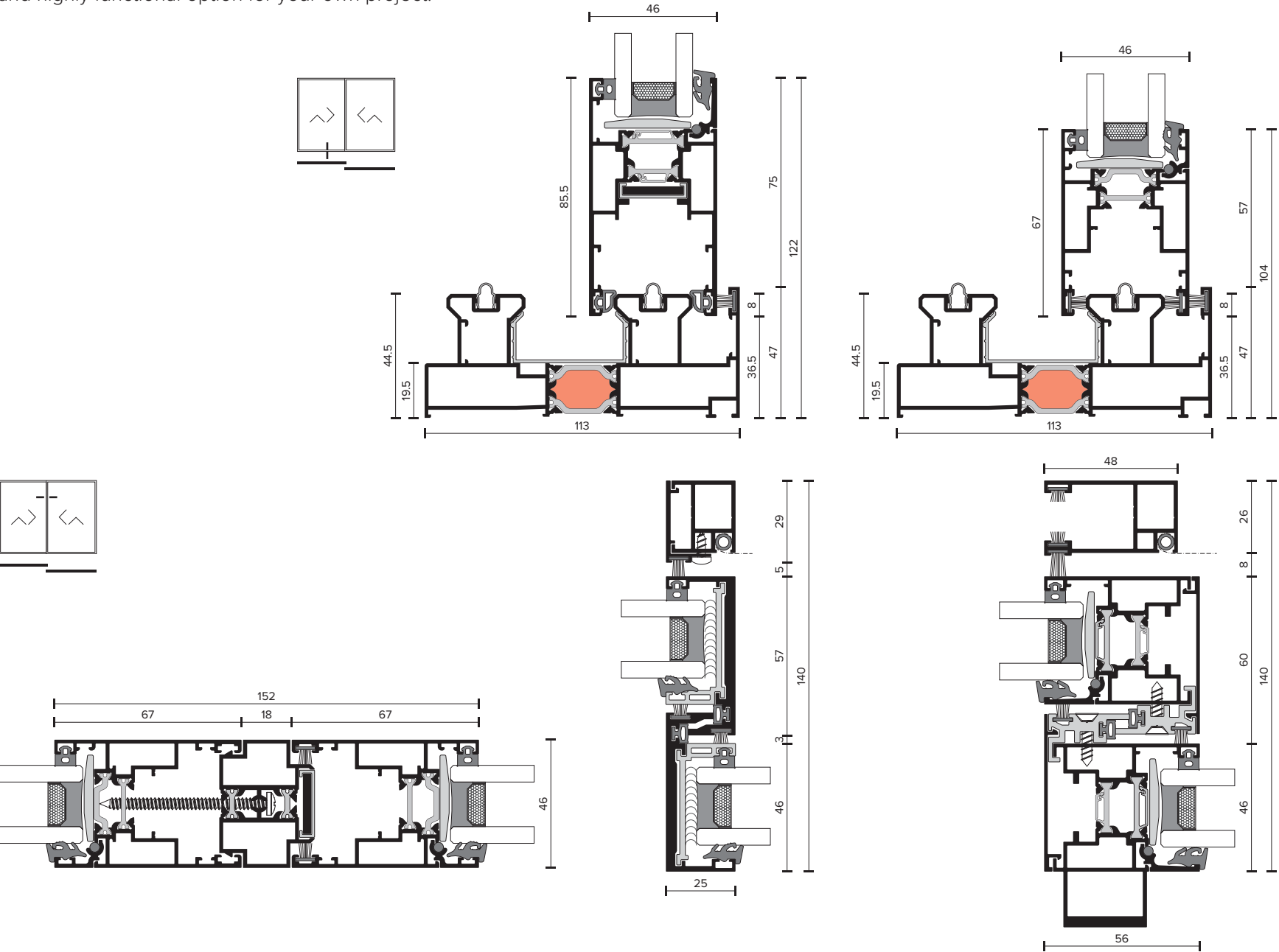
SLIDING SYSTEM

SL46 SI² CLASSIC is one of ELVIAL's best-selling aluminium profile solutions. It comes in both lift and slide and sliding editions and responds to various design requirements.

ELVIAL

SL46 SI² CLASSIC

Being versatile and aesthetically balanced, it has been integrated into numerous high-profile and private residence projects. The system’s sash width is only 46mm making it a beautiful and highly functional option for your own project.



SLIDE & LIFT & SLIDE SUCCESSIVE CONSTRUCTIONS

	2-Sash		3-Sash with fixed part
	2-Sash with flyscreen		3-Sash with fixed part
	2-Sash with flyscreen - glazing combination		4-Sash meeting stile
	2-Sash with fixed part (Hotel Edition)		4-Sash meeting stile
	2-Sash with fixed part and flyscreen (Hotel Edition)		4-Sash meeting stile with flyscreen
	3-Sash		4-Sash meeting stile with fixed parts

INWALL SLIDE & LIFT & SLIDE SUCCESSIVE CONSTRUCTIONS

	1-Sash inwall		2-Sash inwall
	1-Sash inwall with flyscreen		2-Sash inwall meeting stile with flyscreen
	Μονόφυλλο με παντζούρι		2-Sash inwall meeting stile with shutter
	1-Sash inwall with shutter		2-Sash inwall meeting stile with flyscreen and shutter

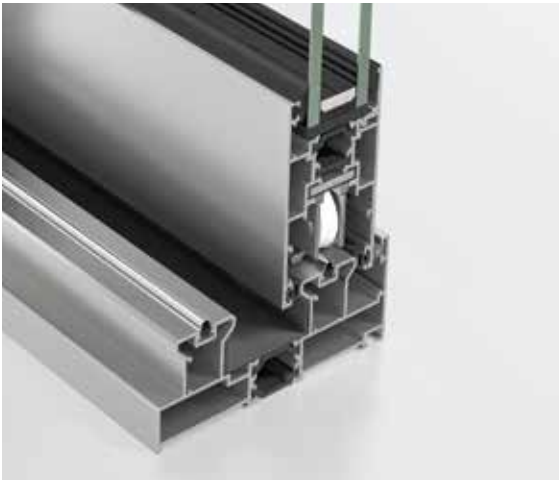
TECHNOLOGY

THERMAL
INSULATION

- 1

Wide insulating bars of **22mm** with glass fiber re-enforcement **25%**, are applied to all systems profiles, offering high thermal insulation levels and extra rigidy
- 2

Customized insulation bars are set both in the central zone and the middle mullion so the aluminium system is **energy efficient** and performs within ELVIAL standards



ADVANCED
SEALING SYSTEM

- 1

The profile is fitted with **customized gaskets** that keep your space neat and watertight
Lift & Slide Edition
- 2

The profile features a **specially developed combination** of customized brushes with sealing membrane that ensure the efficient protection from wind and water
Sliding Edition

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



Black



Inox Satine



Natural Anodized

IDENTITY

DESIGN

PROPERTIES

PERFORMANCE

ENERGY

COMFORT

Sash Depth			46	mm
Visible Height		[sash 85.5 mm]	122	mm
		[sash 67 mm]	104	mm
Middle Mullion Width Successive		[sash 85.5 mm]	89	mm
		[sash 67 mm]	71	mm
		[sash 53 mm]	56	mm
		[sash 25 mm]	25	mm
Meeting Stile Construction Width Meeting Stile		[sash 85.5 mm]	189	mm
		[sash 67 mm]	152	mm
Middle Mullion Width Fixed T		[sash 85.5 mm]	89	mm
		[sash 53 mm]	56	mm

Max Sash Height		[sash 85.5 mm]	2.500	mm
		[sash 67 mm]	2.300	mm
Max Sash Width		[sash 85.5 mm]	2.000	mm
		[sash 67 mm]	1.600	mm
Max Sash Weight			200	kg
Max Glass Thickness			29	mm

2-Sash successive construction 2.500 x 4.000 mm	Double glazing, Ug = 1.1 W/m²K withSwisspacer Ultimate	Uw ≥ 1.66 W/m²K
Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	4A [150Pa]
Resistance to Wind Load	EN 12210	C2 / B2 [800Pa]
Sound Reduction	EN 14351-1	39dB ^{Glazing} 44.2/12/44.2

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

DISCOVER OUR INNOVATIVE TECH

ELVIAL I² INSULATION TECHNOLOGY
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE
ARCHITECTURAL SYSTEMS**

ESSENCE W67 HI²
ESSENCE W67BS HI²
ESSENCE W67ST HI²

ELVIAL W59 SI²
ELVIAL W60BS SI²

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

ELVIAL SL46 SI² FLAT EDITION
ELVIAL SL33_MD

ESSENCE D67 HI²

ESSENCE SD55
ESSENCE CLADDING CL180

