

ELVIAL

elvial

SL46 SI² FLAT EDITION



SLIDING SYSTEM

This edition of the SL46 is another great option to consider when choosing a solid lift and slide or sliding aluminium profile. It provides reliable thermal insulation and remarkable rolling quality.

ELVIAL

SL46 SI² FLAT EDITION

The undisputable functional features are matched by a design that withstands the architectural trends and allows for the creation of spacious openings and the framing of unobstructed views.



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
	1-Sash inwall with shutter		2-Sash inwall meeting stile with shutter
	1-Sash inwall with flyscreen and 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 system profiles, offering high thermal insulation levels and extra rigidity
- 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

A specially designed **foam gasket** is fitted to ensure that the construction will remain totally watertight
Lift & Slide Edition
- 3

The profile features a **specially developed combination** of customized brushes with sealing membrane that ensure the efficient protection from wind and water
- 4

A specially designed **central gasket** is fitted to ensure that the construction will remain totally watertight

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



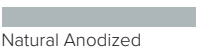
COLORS



Black



Inox Satine



Natural Anodized

IDENTITY

DESIGN

PROPERTIES

ENERGY

COMFORT

PERFORMANCE

Sash Depth			46	mm
Visible Height			[sash 85.5 mm]	99 mm
			[sash 67 mm]	81 mm
		infloor edition	[sash 85.5 mm]	77 mm
		infloor edition	[sash 67 mm]	59 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				89 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 with Swisspacer Ultimate	Uw ≥ 1.58 W/m²K
Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	7A [300Pa]
Resistance to Wind Load	EN 12210	C2 / B2 [800Pa]
Sound Reduction	EN 14351-1	38dB ^{Glazing} 44.2/10/44.2

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 CLASSIC
ELVIAL SL33_MD

ESSENCE D67 HI²

ESSENCE SD55
ESSENCE CLADDING CL180

