

ELVIAL

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SL46 SI² CLASSIC



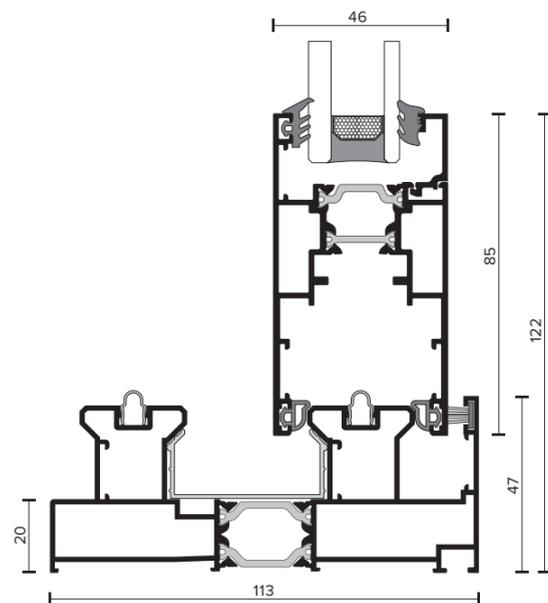
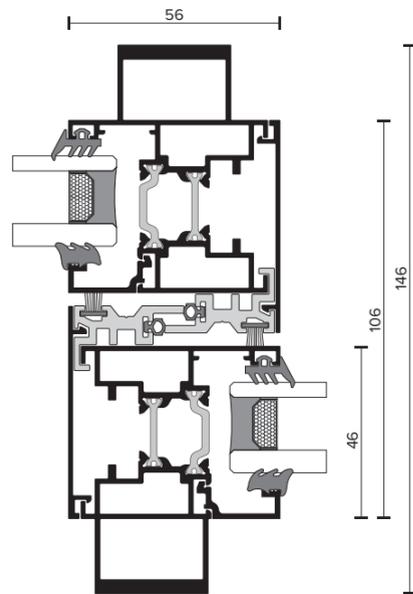
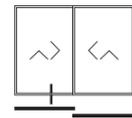
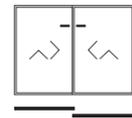
SLIDING SYSTEM

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.

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SL46 SI² CLASSIC

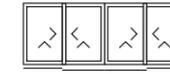
Being versatile and aesthetically balanced, it has been integrated into numerous high-profile and private residence projects. The system's sash width is only 46mm making it a beautiful and highly functional option for your own project.



**SLIDE & LIFT & SLIDE
SUCCESSIVE
CONSTRUCTIONS**



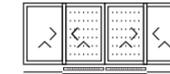
2-Sash



4-Sash meeting stile



2-Sash with fixed part



4-Sash meeting stile with flyscreen



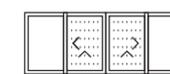
2-Sash with flyscreen



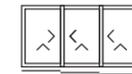
4-Sash meeting stile with fixed parts



2-Sash with fixed part and flyscreen



4-Sash meeting stile with fixed parts and flyscreen



3-Sash



3-Sash with fixed part

**INWALL
SLIDE & LIFT & SLIDE
SUCCESSIVE
CONSTRUCTIONS**



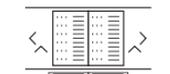
1-Sash inwall



1-Sash inwall with flyscreen and shutter



1-Sash inwall with flyscreen



2-Sash inwall meeting stile with flyscreen and shutter

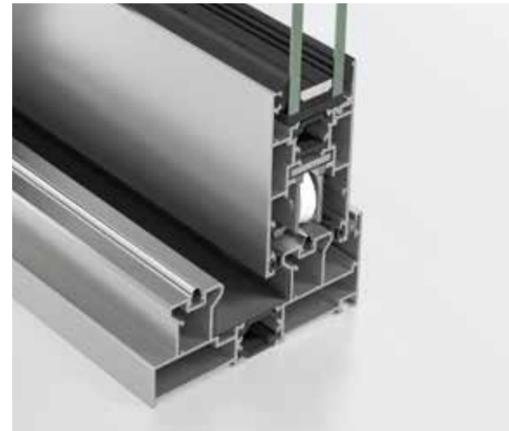


1-Sash inwall with shutter

TECHNOLOGY

THERMAL INSULATION

- 1 Wide insulating bars of **22mm** with glass fiber re-enforcement **25%**, are applied to all systems 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 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

Sash Depth		46 mm
Visible Height		122 mm
Middle Mullion Width Successive	[sash 85 mm]	89 mm
	[sash 53 mm]	56 mm

Meeting Stile Construction Width Meeting Stile		189 mm
Middle Mullion Width Fixed T		56 mm

PROPERTIES

Max Sash Height		2.800 mm
Max Sash Width		2.000 mm
Max Sash Weight		400 kg
Max Glass Thickness		30 mm

PERFORMANCE

ENERGY

2-Sash successive construction 2.500 x 4.000 mm **Uw ≥ 1.66 W/m²K**
Double glazing, Ug = 1.1 W/m²K with Swisspacer Ultimate

COMFORT

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	39 dB ^{Glazing} 44.2/12/44.2

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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 SL46 SI²_MD
ELVIAL SL33_MD

ESSENCE D67 HI²

ESSENCE SD55
ESSENCE CLADDING CL180

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