

ELVIAL

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# SL46 SI<sup>2</sup> CLASSIC



## SLIDING SYSTEM

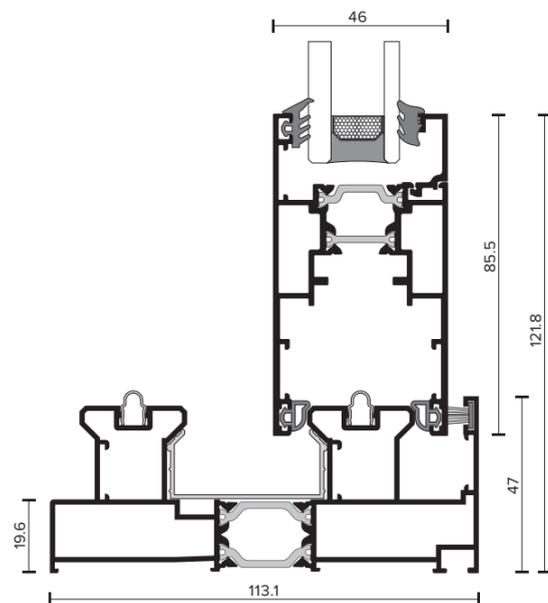
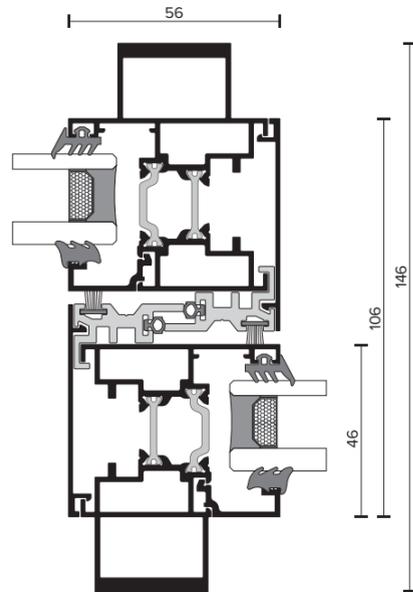
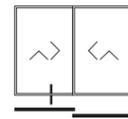
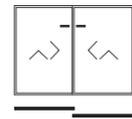
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SL46 SI<sup>2</sup> CLASSIC is one of ELVIAL's best-selling aluminium profile solutions. It comes in both lift and slide and sliding editions and responds to various design requirements.

ELVIAL

# SL46 SI<sup>2</sup> 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.



**LIFT & SLIDE  
SUCCESSIVE  
CONSTRUCTIONS**



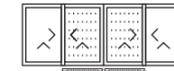
2-Sash



4-Sash meeting stile



2-Sash with fixed part



4-Sash meeting stile with flyscreen



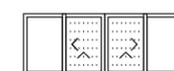
2-Sash with flyscreen



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  
LIFT & SLIDE  
SUCCESSIVE  
CONSTRUCTIONS**



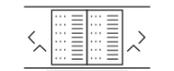
1-Sash inwall



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  
**Slide 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		<b>46</b>	mm
Visible Height		<b>121.8</b>	mm
Successive Middle Mullion Width		<b>106</b>	mm
		<b>56</b>	mm
Meeting Stile Construction Width		<b>189</b>	mm
Middle Mullion Width Fixed T		<b>56</b>	mm

### PROPERTIES

Max Sash Height		<b>2.800</b>	mm
Max Sash Width		<b>2.000</b>	mm
Max Sash Weight		<b>400</b>	kg
Max Glass Thickness		<b>30</b>	mm

## PERFORMANCE

### ENERGY

2-Sash successive construction  
2.500 x 4.000 mm

**Uw ≥ 1.66 W/m<sup>2</sup>K**

Double glazing, Ug = 1.1 W/m<sup>2</sup>K  
with Swisspacer Ultimate

### COMFORT

Air Permeability	EN 12207	<b>Class 4</b> [ 600Pa ]
Watertightness	EN 12208	<b>4A</b> [ 150Pa ]
Resistance to Wind Load	EN 12210	<b>C2 / B2</b> [ 800Pa ]
Sound Reduction	EN 10140-2	<b>38dB</b> <sup>Glazing</sup> 44.2/10/44.2

**elvial**

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

**DISCOVER OUR INNOVATIVE TECH**

ELVIAL I<sup>2</sup> INSULATION TECHNOLOGY  
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE  
ARCHITECTURAL SYSTEMS**

ESSENCE W67 HI<sup>2</sup>  
ESSENCE W67BS HI<sup>2</sup>  
ESSENCE W67ST HI<sup>2</sup>

ELVIAL W59 SI<sup>2</sup>  
ELVIAL W60BS SI<sup>2</sup>

ESSENCE SL60 HI<sup>2</sup>  
ESSENCE SL60 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL60 HI<sup>2</sup> CLASSIC  
ESSENCE SL50 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL50 HI<sup>2</sup> CLASSIC

ELVIAL SL46 SI<sup>2</sup> FLAT EDITION  
ELVIAL SL46 SI<sup>2</sup>\_MD  
ELVIAL SL33\_MD

ESSENCE D67 HI<sup>2</sup>

ESSENCE SD55  
ESSENCE CLADDING CL180

[elvial.com](https://elvial.com)

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