

SL46 SI² FLAT EDITION

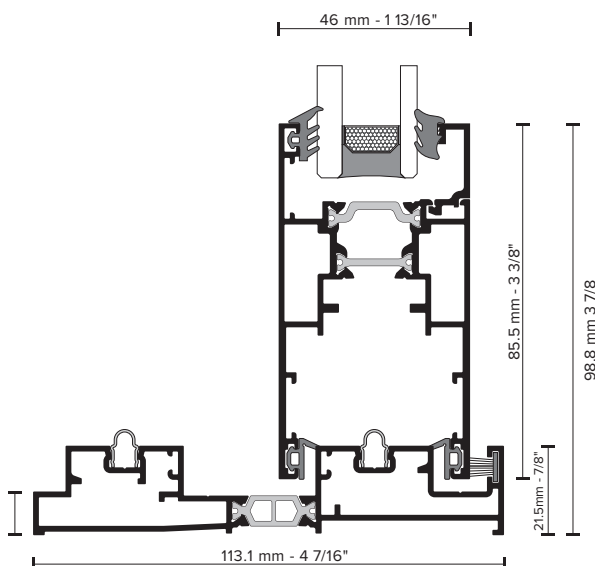
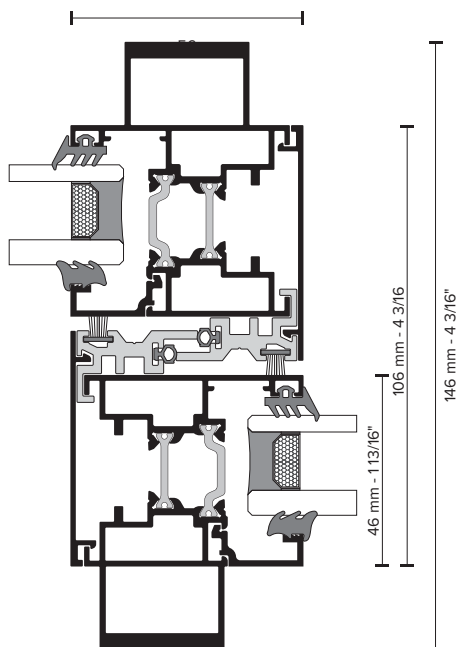
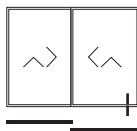
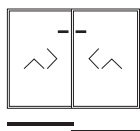


SLIDING SYSTEM

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.

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.

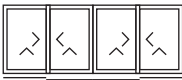


TYPOLOGIES

LIFT & SLIDE SUCCESSIVE CONSTRUCTIONS



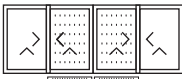
2-Sash



4-Sash meeting stile



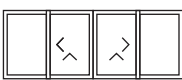
2-Sash with fixed part



4-Sash meeting stile with flyscreen



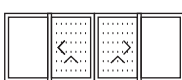
2-Sash with flyscreen



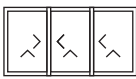
4-Sash meeting stile with fixed parts



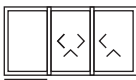
2-Sash with fixed part and flyscreen



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 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

Max Sash Height		2.800 mm - 110 1/4"
Max Sash Width		2.000 mm - 78 3/4"
Max Sash Weight		400 kg - 882 lb
Max Glass Thickness		30 mm - 1 3/16"

PERFORMANCE

ENERGY

2-Sash successive construction 2.500 x 4.000 mm	Uw ≥ 1.58 W/m²K
Double glazing, Ug = 1.1 W/m²K with Swisspacer Ultimate	

COMFORT

Air Permeability	EN 12207	Class 4 [600Pa]
Watertightness	EN 12208	7A [300Pa]
Resistance to Wind Load	EN 12210	C2 / B2 [800Pa]
Sound Reduction	EN 10140-2	39dB ^{Glazing} 44.2/12/44.2

System by:

elvia

LEA
Windows and Doors