

# 3800

Minimal  
Slim  
Super  
Thermal  
Bi-fold  
System

FUSION



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Fusion 3800 Slim Super Thermal folding doors have been designed for large openings up to 3 meters in height and 1,2 meters wide per door leaf. The main application is for commercial and residential buildings, where high thermal insulation and the slimmest profile in the market is required. The system is based on a basic leaf face width of 30mm.

There are seven different threshold designs, available at three different heights (35, 49, and 71mm) making it possible to have a fully flat threshold as well as a high level of water tightness. Since the system is available with gaskets along the whole perimeter as well as a drainage gutter, its performance in water tightness and air permeability is remarkable. It supports all typologies as well as corner fabrications. In its standard configuration, we install this system with 32mm thick double-glazed performance glass to ensure high thermal efficiency and acoustic insulation.

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The Fusion 3800 Slim Super Thermal is characterized by its bottom sliding mechanism which offers, by design, the best performance in terms of smooth sliding and reliable operation over time. The sliding system can be protected from dirt and unwanted objects by two hard brushes which run along the track, ensuring unobstructed sliding. It also comes with stainless steel rollers as the standard for enhanced durability. With the selection of a low bottom threshold of 35mm, it becomes unnecessary to switch to top-hung systems to accommodate specific project requirements. All kinds of inward and outward opening combinations are possible including open corners and individual access doors.

As a standard, all our doors are installed with a multi-locking system for enhanced burglary resistance.

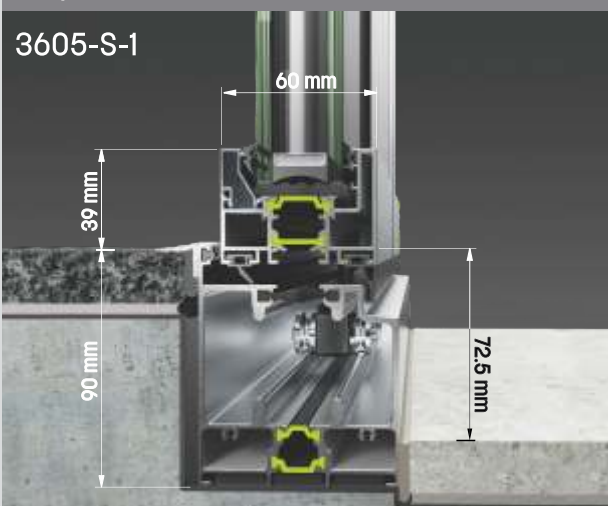
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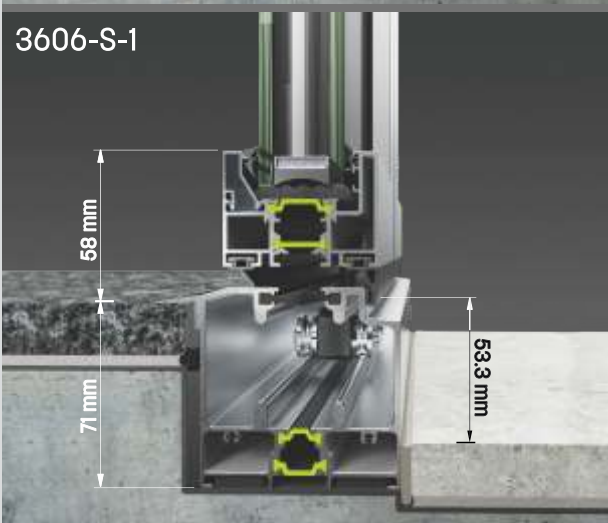
# 3800 - Bottom Track Options

Step

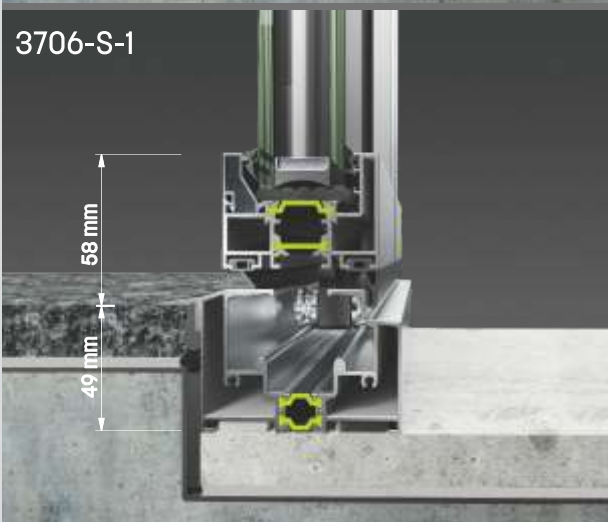
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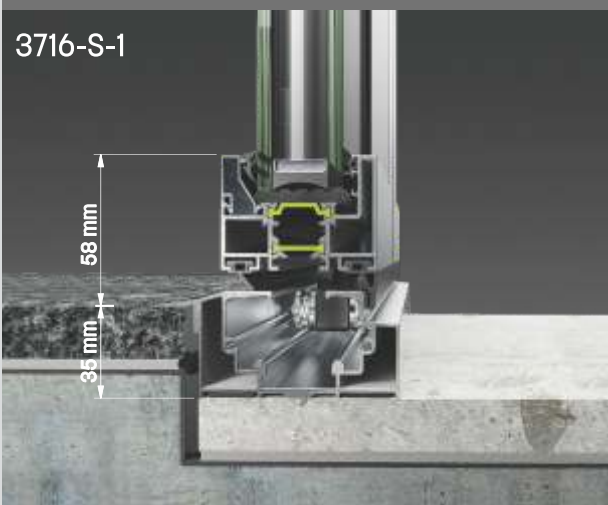
3606-S-1



3706-S-1



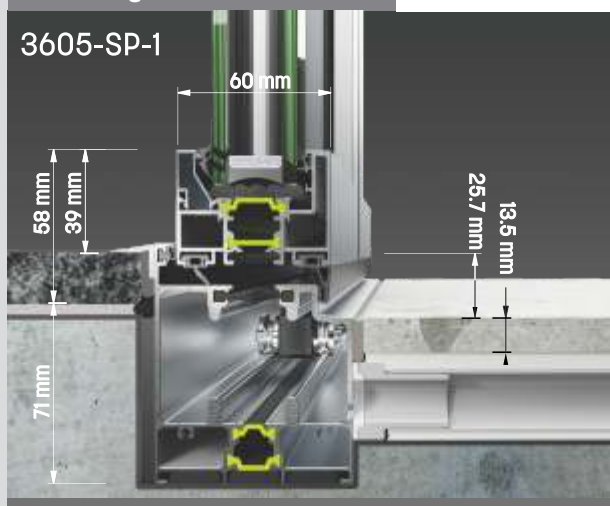
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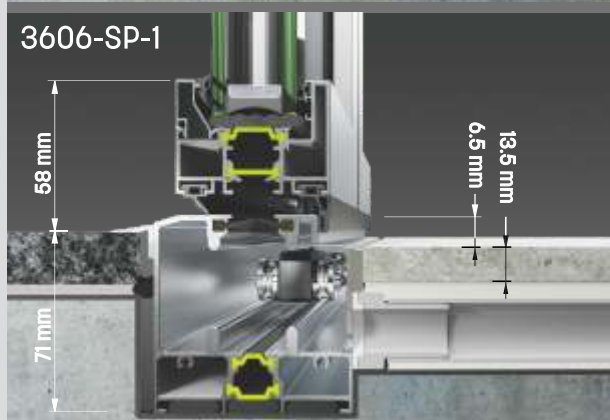
Submerged

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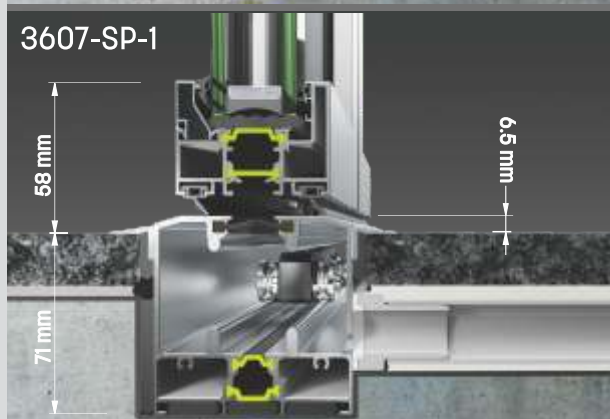
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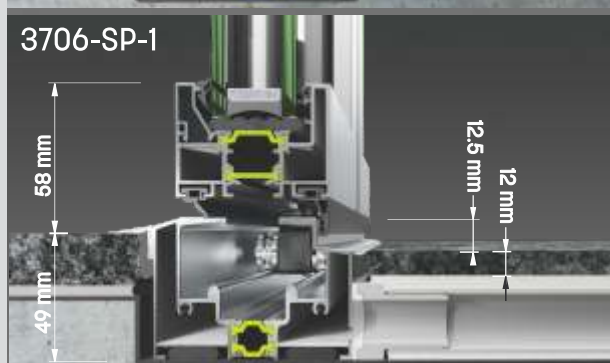
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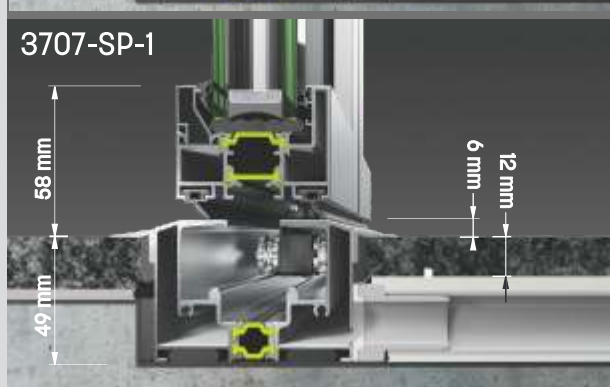
3607-SP-1



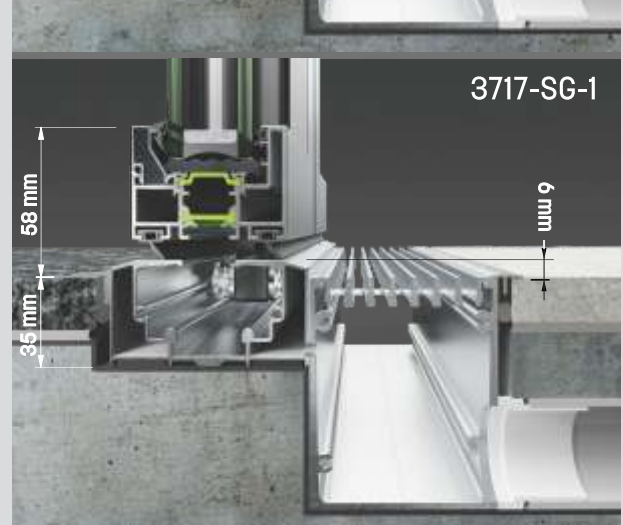
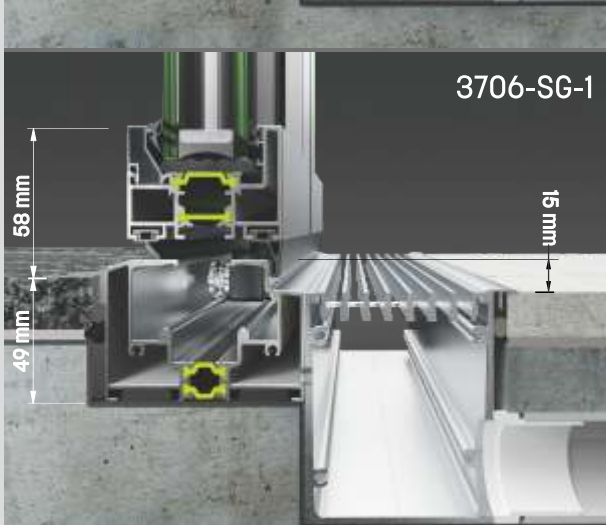
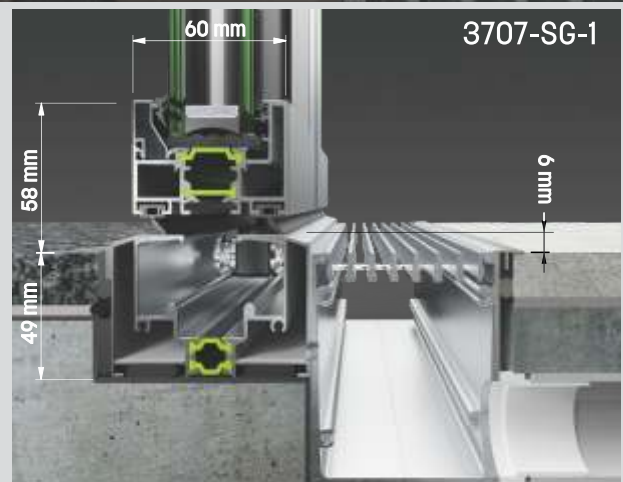
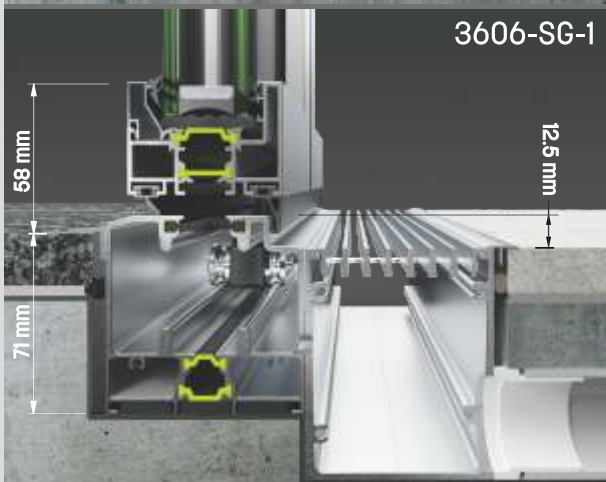
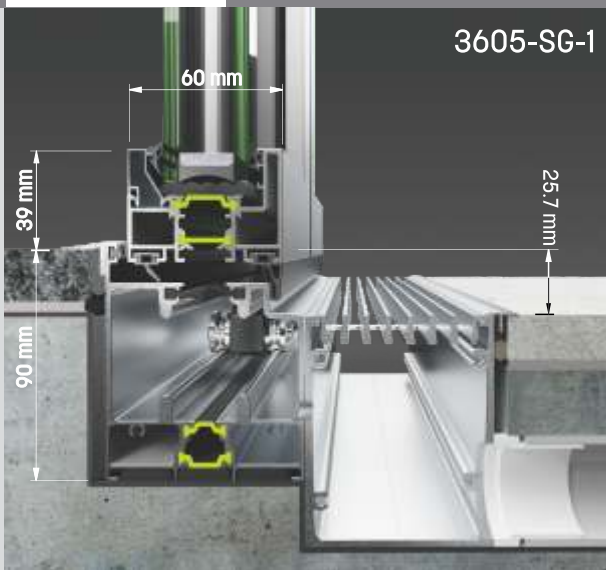
3706-SP-1



3707-SP-1



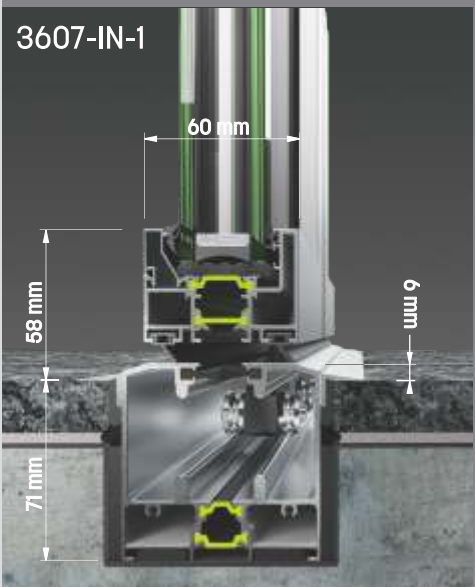




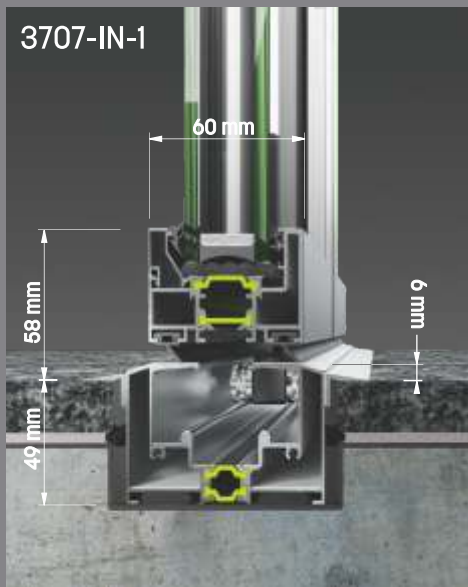
Internal Use Only

## 3800 - Bottom Track Options

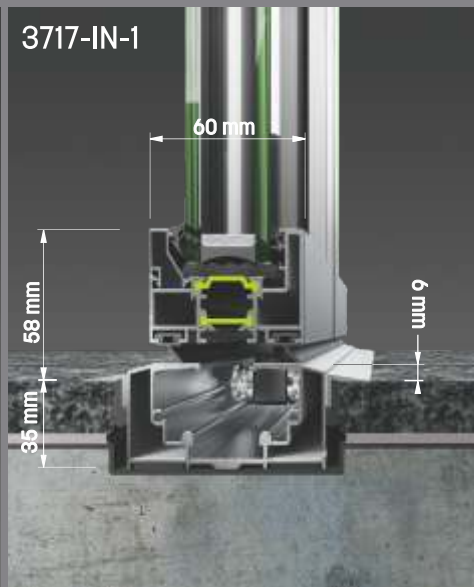
3607-IN-1



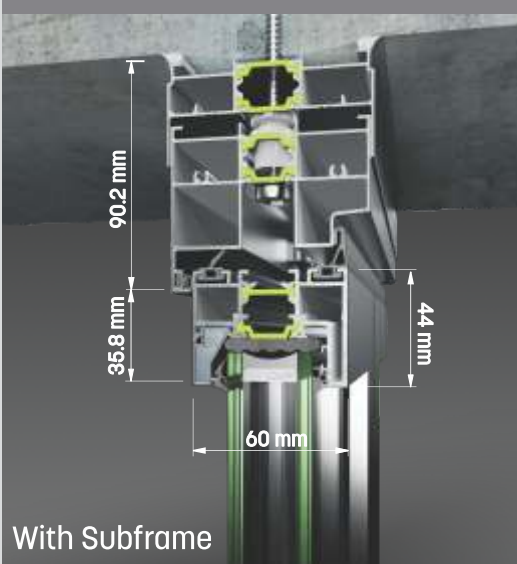
3707-IN-1



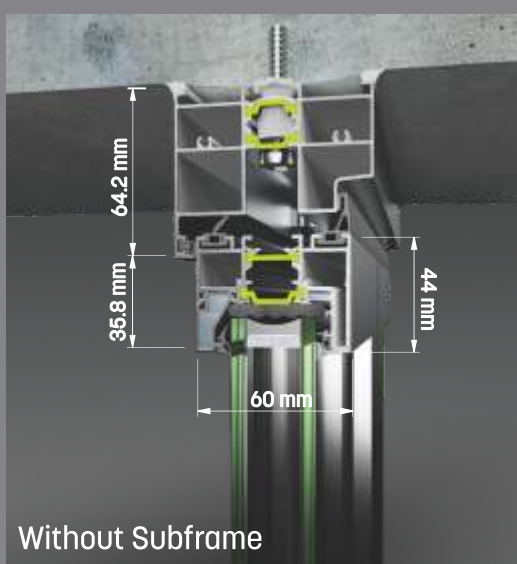
3717-IN-1



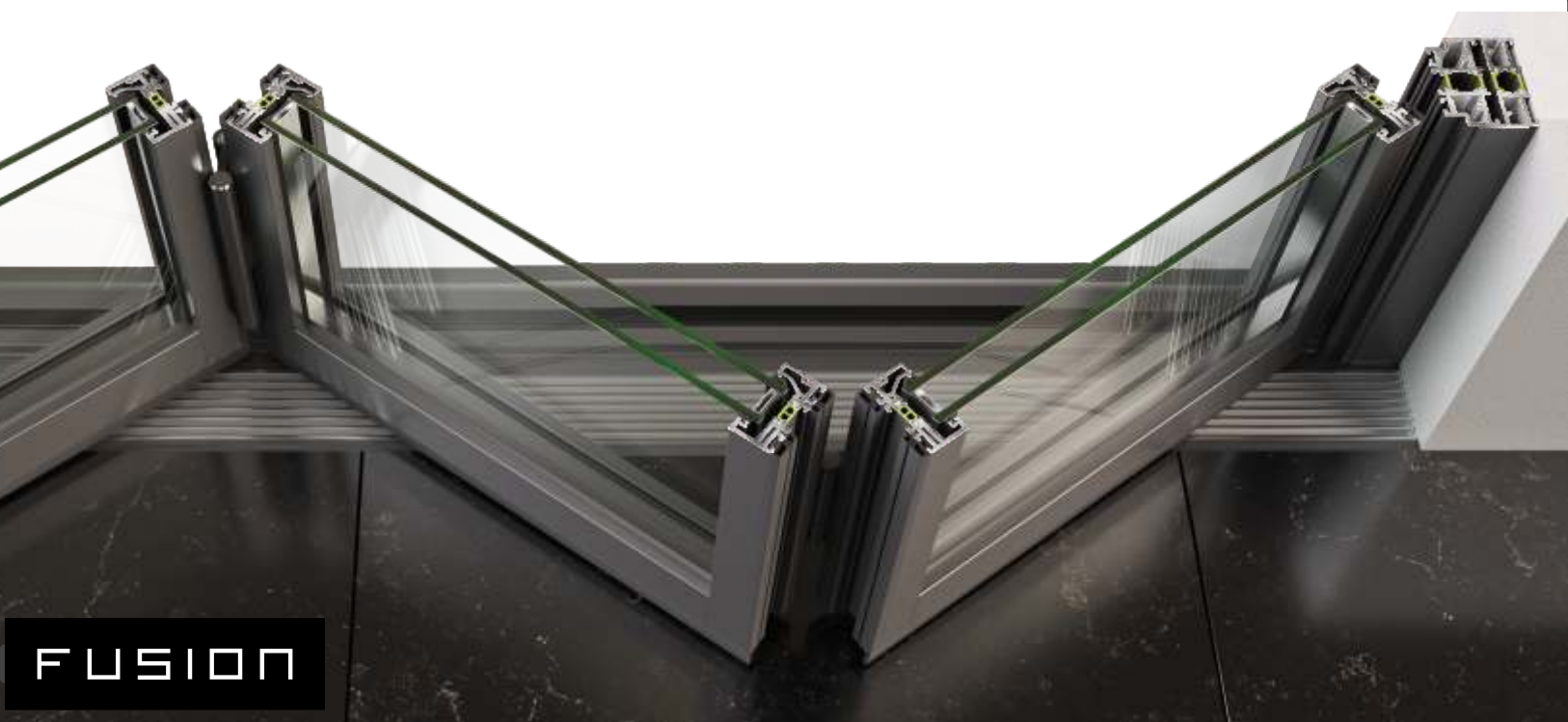
## 3800 - Top Track Options



With Subframe



Without Subframe



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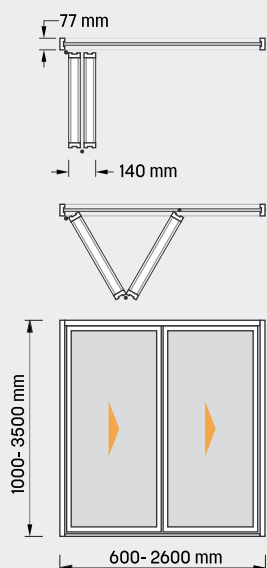


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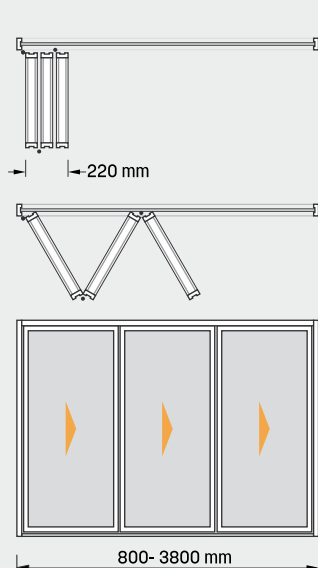
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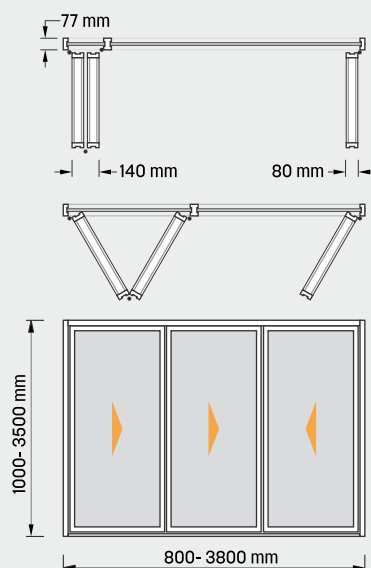
2L



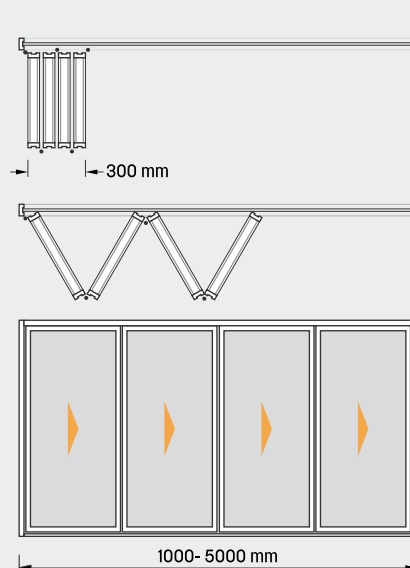
3L



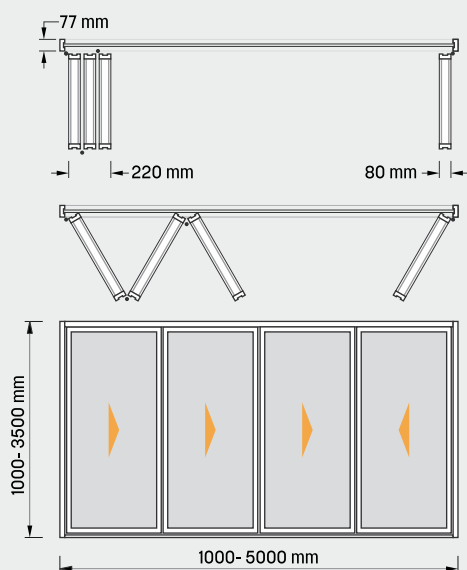
2+1L



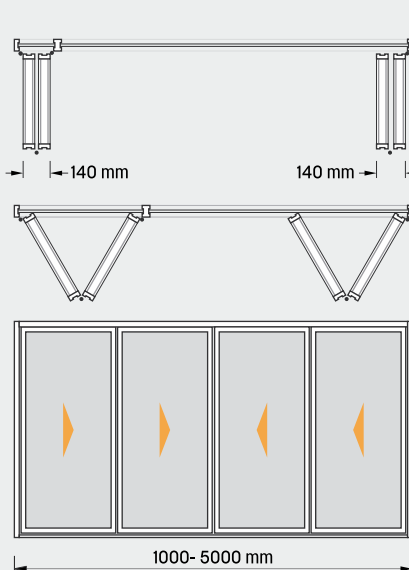
4L



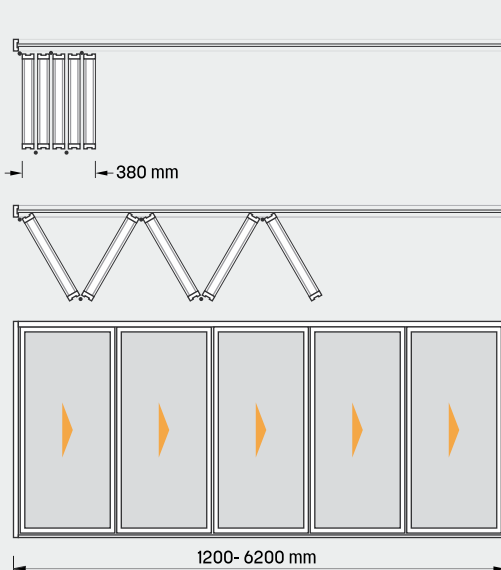
3+1L



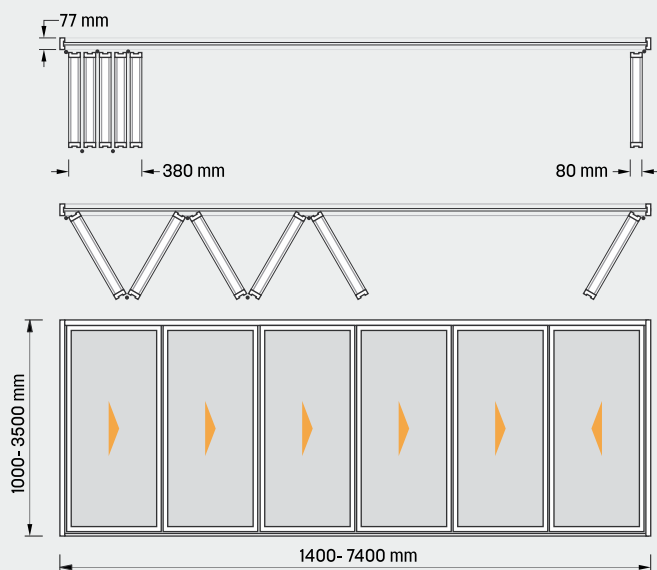
2+2L



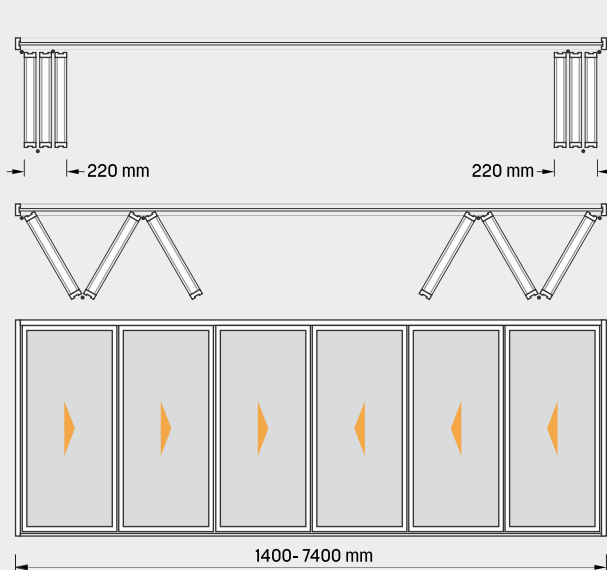
5L

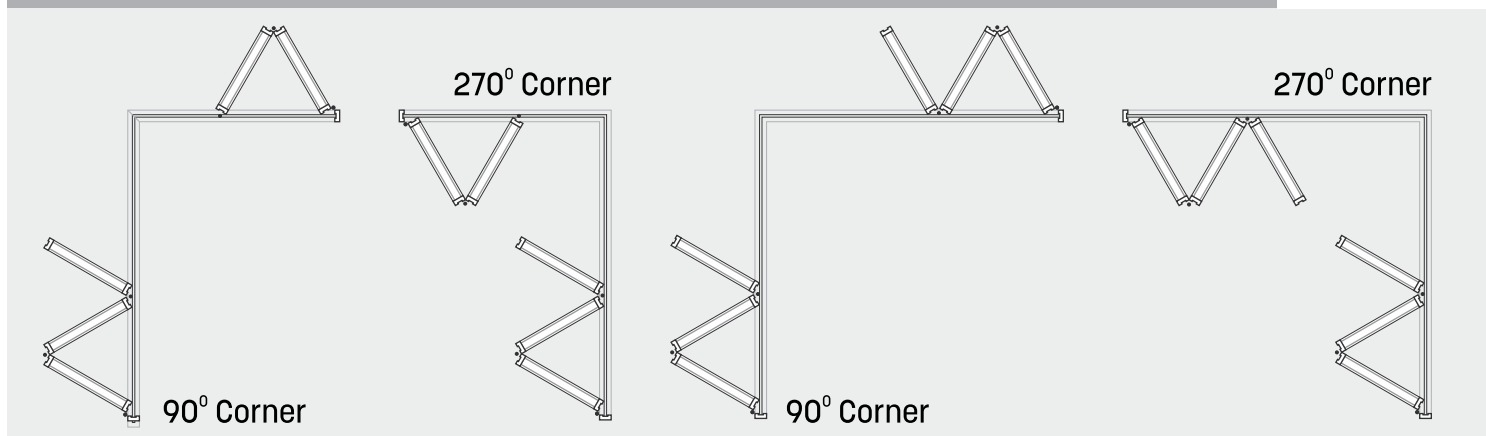


5+1L



3+3L

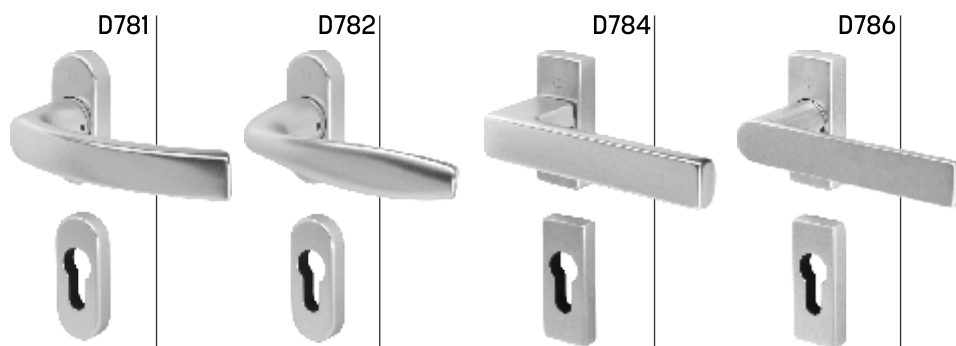




## Technical Characteristics

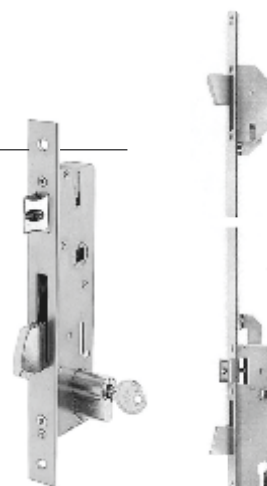
Track bottom Height:	35, 49, 71, 90 mm
Frame Depth:	77 mm
Sash face Width:	30, 42, 44 mm
Sash Depth:	60 mm
External Sash-Sash visible face impression:	30 + 30 mm
Internal Sash-Sash visible face	30 + 30 mm
Opening Type:	Fold & Slide
Max sash Width:	1200 mm
Max sash Height:	3500 mm
Max sash Weight:	130 Kg
Glazing width possibilities:	32 mm
Max Locking Points:	5
Thermal Break Width:	16 / 24 mm
Sealing Type:	4 Gaskets
Fabrication Thermal Transmittance EN ISO 10077-2 ( $U_w$ ):	$\geq 1,45 \text{ W/(m}^2\text{K)}$
Sliding Rollers:	Stainless Steel
Alignment Rollers:	Stainless Steel

## Door Handle Options



## Lock Options

### Single Lock



### Multi-Lock



## Window Handle Options







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Distributed By:  
Oryx Door Systems LLC  
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Dubai, UAE

**ORYX**  
DOORS & WINDOWS

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