





# TECHNICAL SHEET



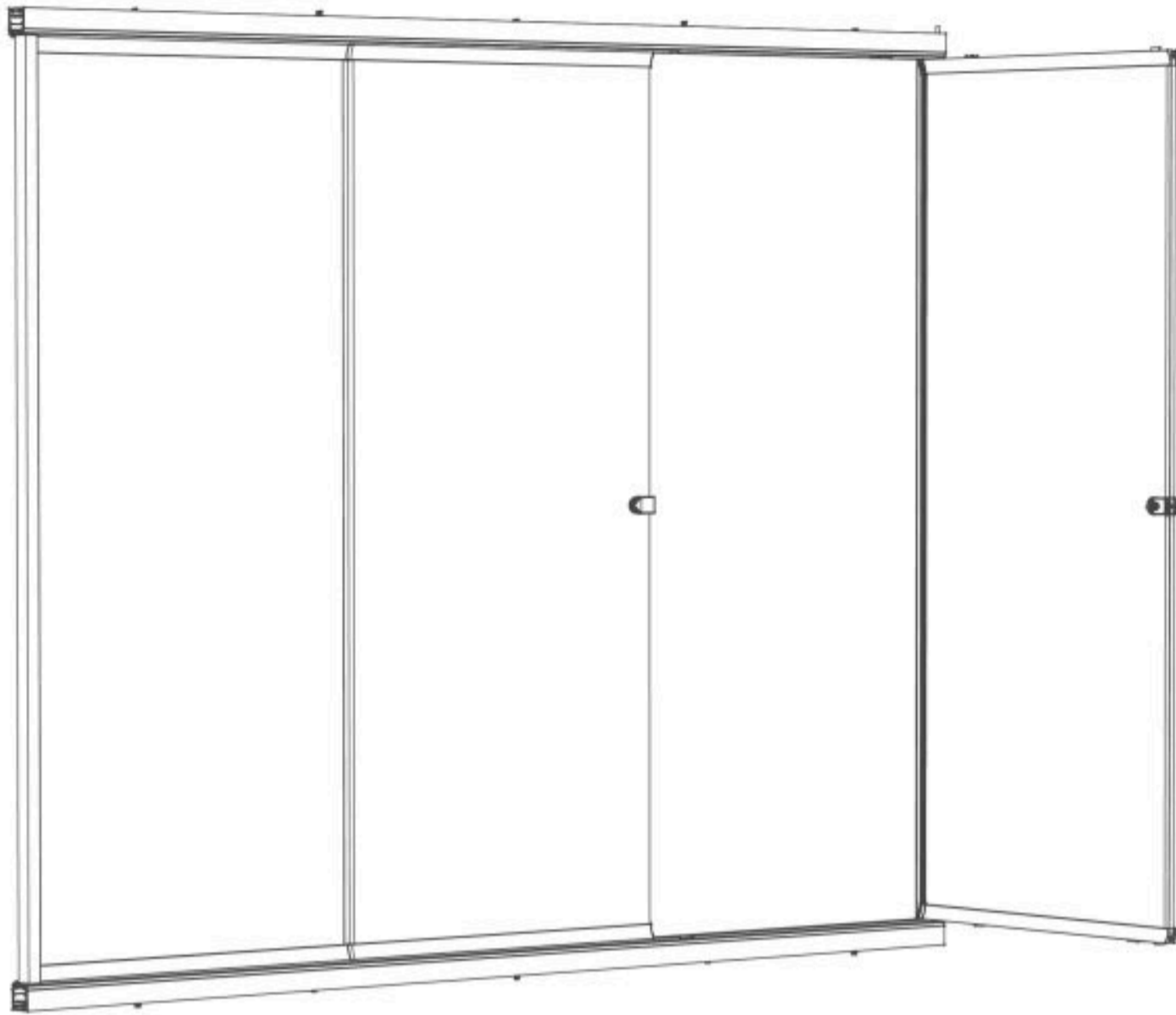
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## **FLEXIGLASS**

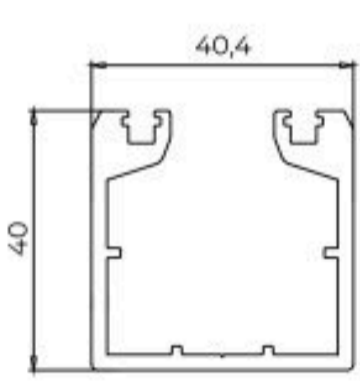
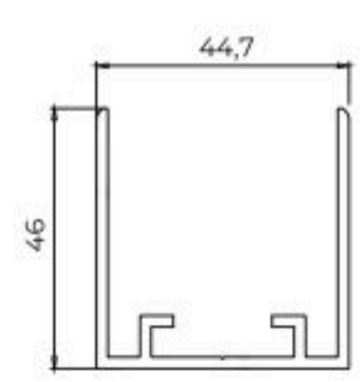
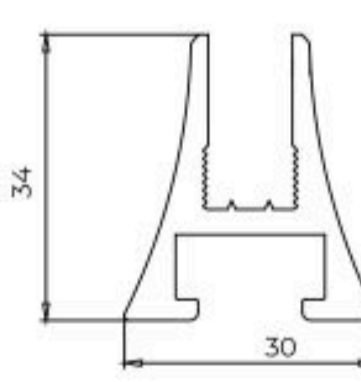
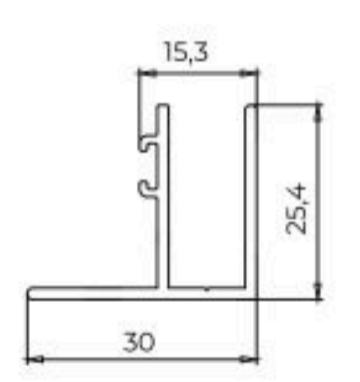
It's a totally new concept in perimeter enclosures made of tempered or laminated glass. It closes and opens, allowing you to enclose or convert an outdoor space into an indoor space and vice versa. Sliding glass panels or retractable glass curtains divide spaces with anodized aluminum profiles, perfect for enjoying the outdoor view. You can use them in: living rooms, terraces, balconies, restaurants...



- Structure made of 6063-t5 aluminum profiles.
- Lacquered finish with electrostatic powder coating or anodized.
- Stainless steel screws and fasteners.
- Wind resistance: 100 km/h.
- Sound insulation: 34 db.
- Thermal insulation: 6.5 w/m<sup>2</sup>k.
- Water resistance: class 2a.
- Maximum panel width: 700mm, (recommended 650mm).
- Maximum door width: 800mm.
- Maximum height: 3000mm.
- Maximum number of panels per opening: 20.



## MAIN PROFILES

A	B	C	D
 <p>Technical drawing of profile A, showing a cross-section with a width of 40,4 and a height of 40. The profile has a complex shape with multiple internal chambers and a flange at the bottom.</p>	 <p>Technical drawing of profile B, showing a cross-section with a width of 44,7 and a height of 46. The profile has a complex shape with multiple internal chambers and a flange at the bottom.</p>	 <p>Technical drawing of profile C, showing a cross-section with a height of 34 and a width of 30. The profile has a complex shape with multiple internal chambers and a flange at the bottom.</p>	 <p>Technical drawing of profile D, showing a cross-section with a width of 15,3, a height of 25,4, and a base width of 30. The profile has a complex shape with multiple internal chambers and a flange at the bottom.</p>

TO	UPPER AND LOWER GUIDES – 40M x 40.4M
B	U PROFILE – 46M x 44.7M
C	GLASS PROFILE – 34M x 30M
D	WALL PROFILE – 15.3M x 25.4M x 30M

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#### BENEFITS

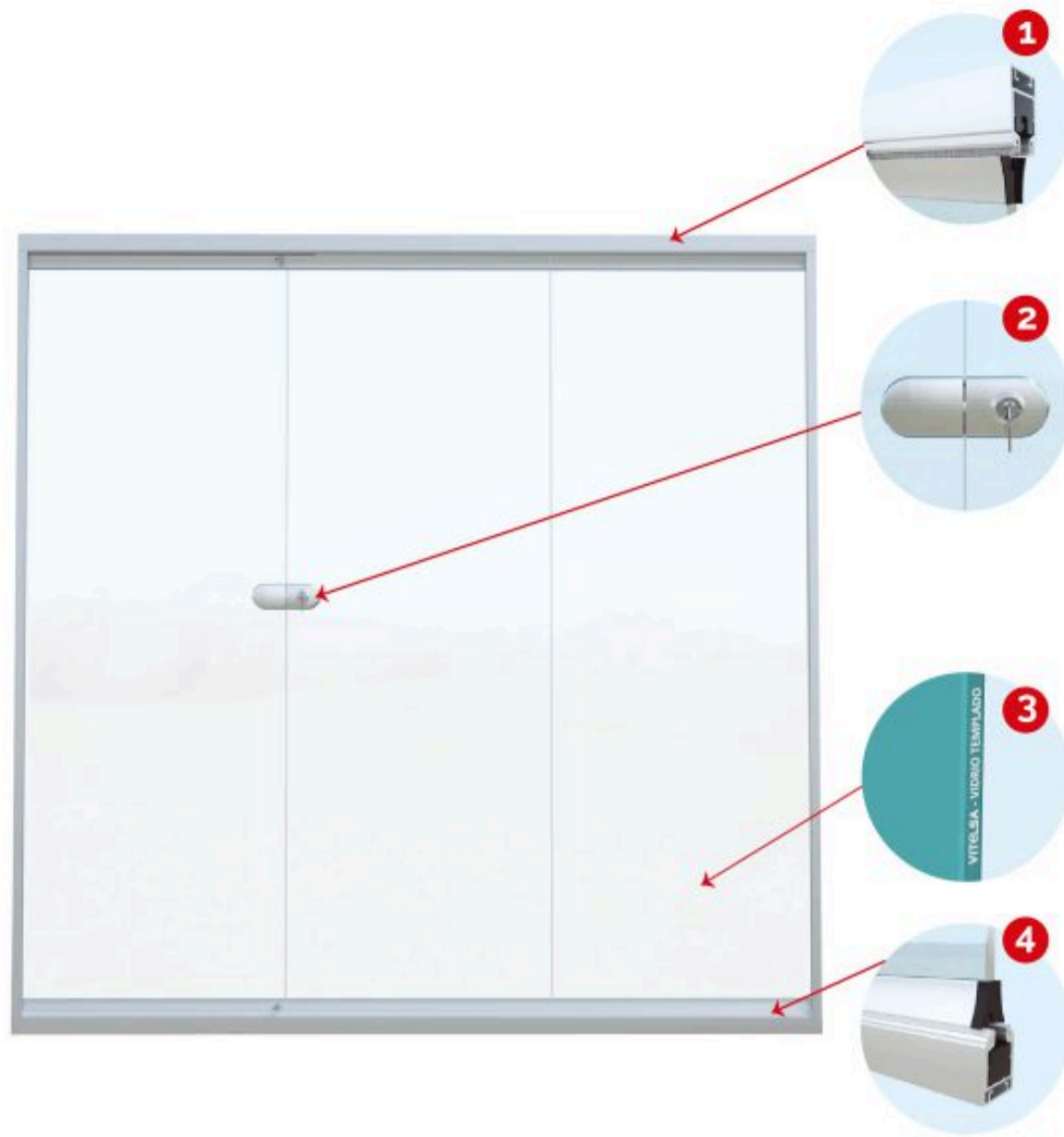
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- In businesses, optimize usable space and make terraces profitable by making them useful 365 days a year.
- In commercial premises, it transforms the entrance into a showcase, providing a better view and opening it completely to the public, creating a seamless transition between the street or hallways and the store.
- In offices, it allows you to optimize work areas, divide interior spaces, and modify the layout and size of your business's rooms. It can be used as meeting rooms, offices, and leisure areas.
- Allows you to add an active security element without altering the aesthetics of the property.
- Maintenance is minimal since it doesn't have bearings and slides along the lower profile, and thanks to its folding system, it's very easy to clean.
- It is ideal for installation at the edge of the beach or in high salinity environments since none of its components are susceptible to corrosion.
- The system can be embedded in the floor and allows for adjusting unevenness in the floor or ceiling of up to 20 mm.
- Their profiles are symmetrical and can be embedded up to 90% into the ground.
- When the panels are closed, they fit together, giving the system greater strength and security.
- The entire weight of the system is on the floor, making it very versatile to install and requiring no ceiling reinforcements.

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#### MODEL

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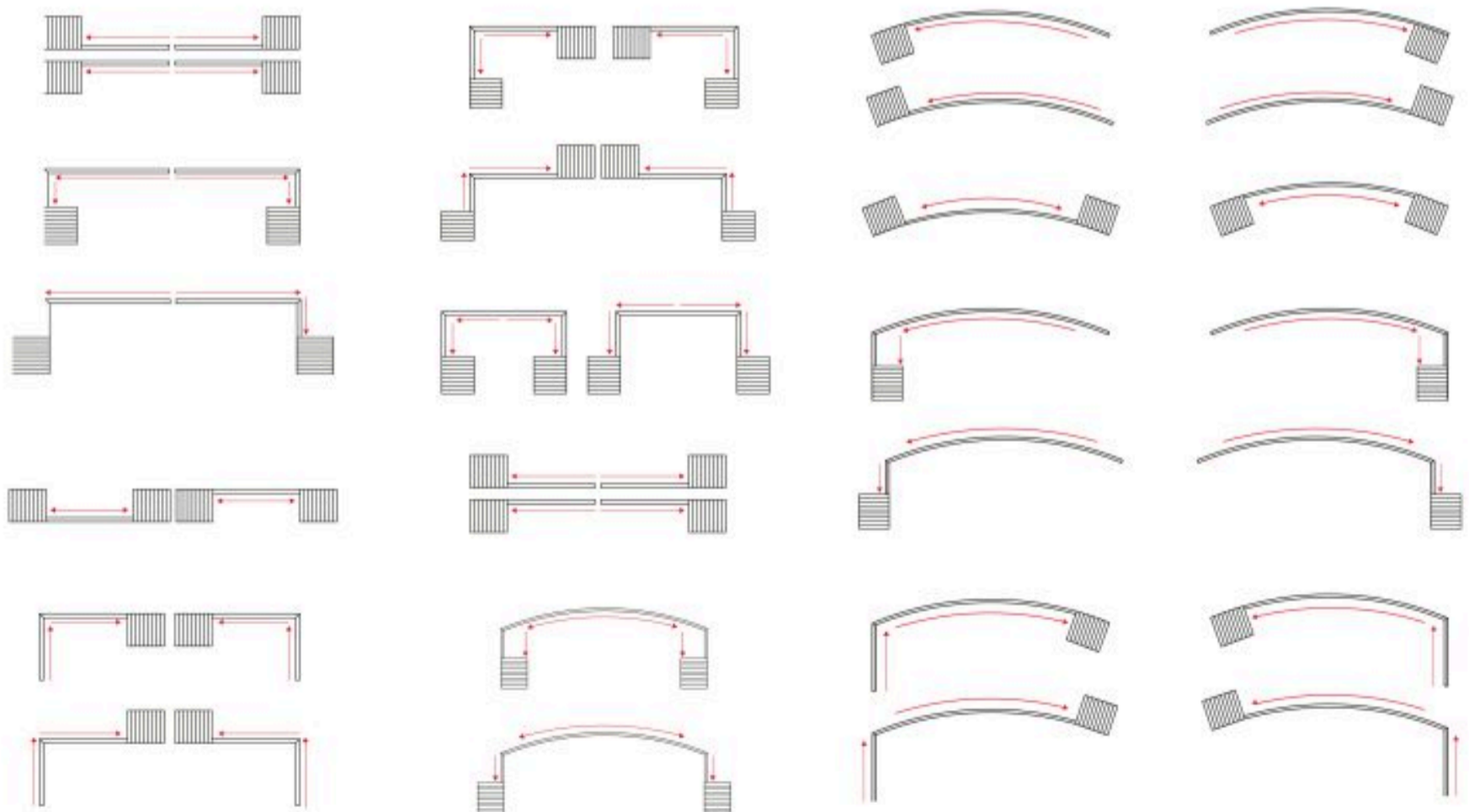


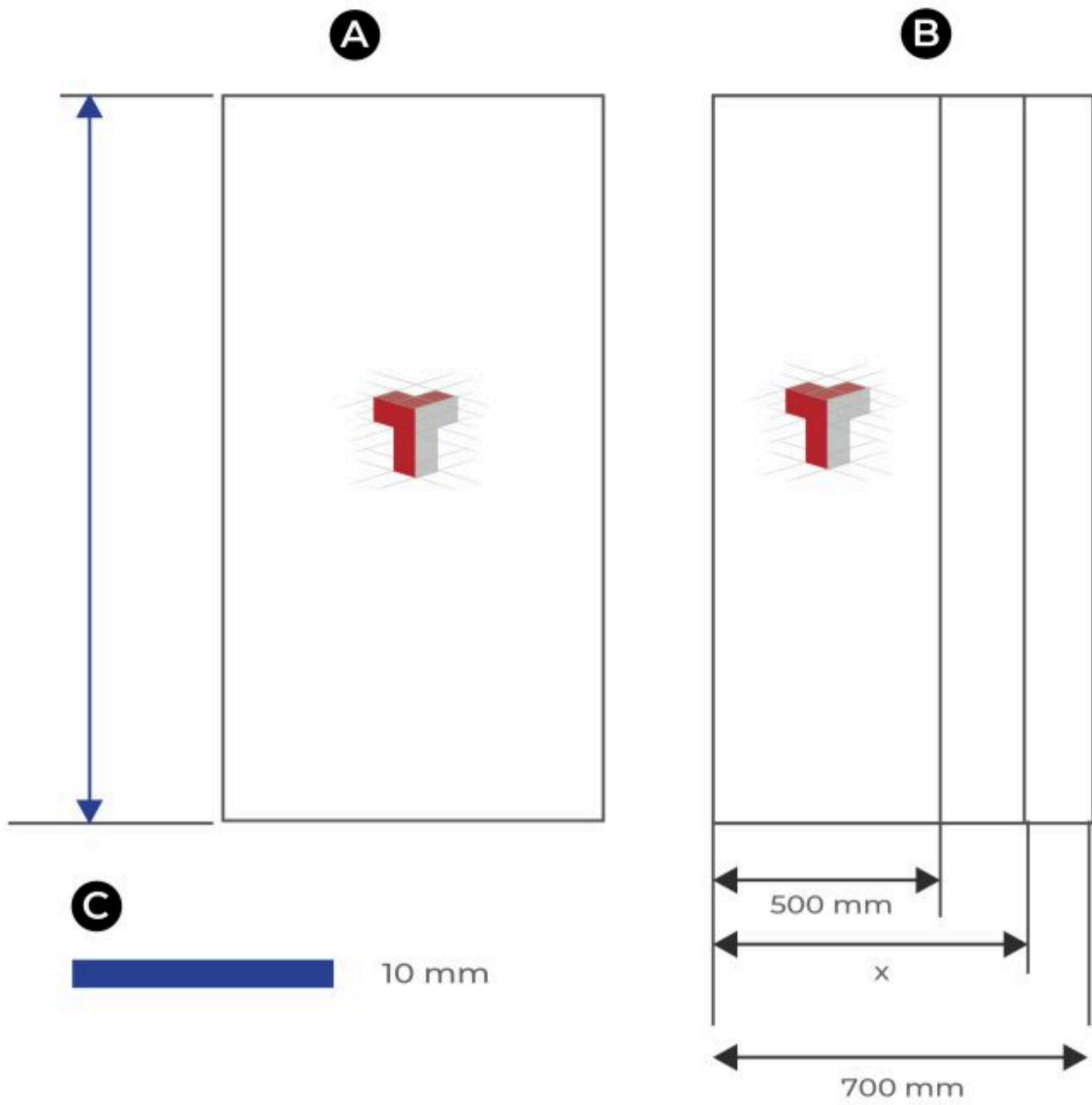
- 1) Top rail with dust flap.
- 2) Lock with key.
- 3) 10 mm tempered and/or laminated safety glass.
- 4) Bottom rail.

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SETTINGS

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**A)** Maximum and minimum height of windows.

**B)** Maximum and minimum width of windows.

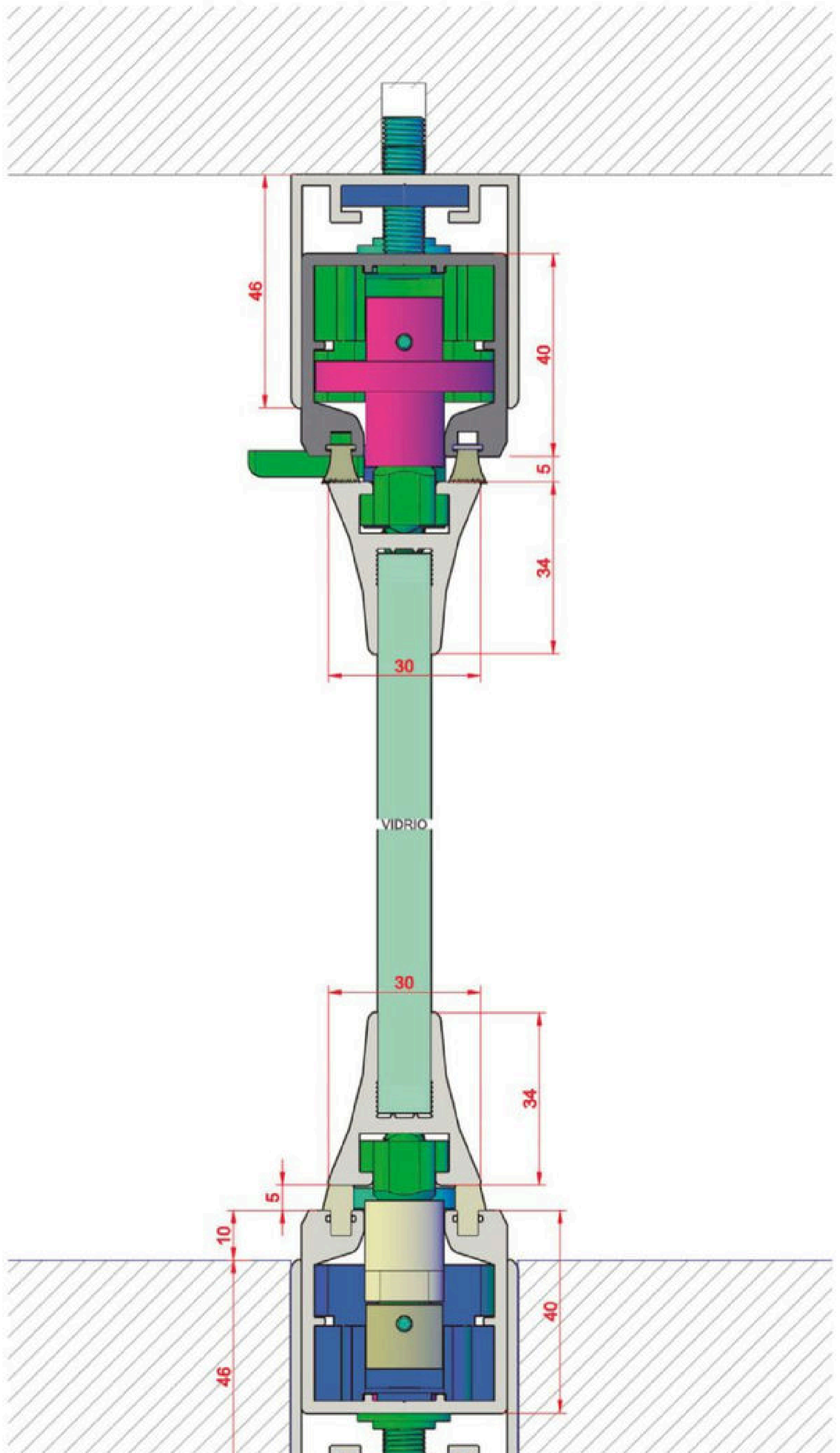
**C)** Thickness 10mm.

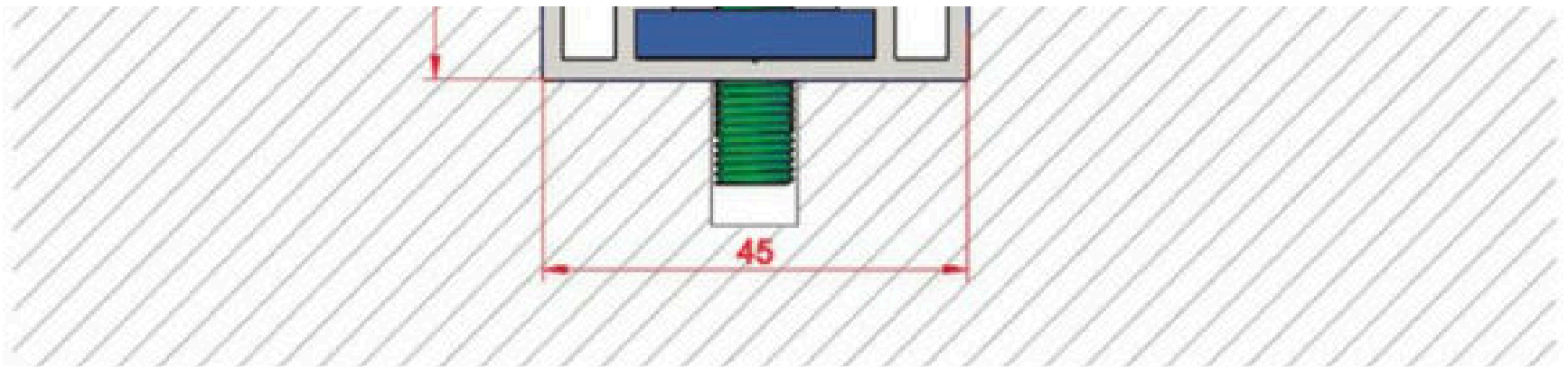


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GENERAL CHARACTERISTICS

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### **RESISTANT STRUCTURE**

Profiles that firmly hold the glass, preventing it from falling.



**PROTECTS FROM WEATHER AND DUST**

The glass panels provide an excellent seal, making them a protective barrier against wind, rain, and dust.



### **SLIDING PROFILE**

Its sliding system consists of panels moving along two high-density, self-lubricating polymer rails. These rails wear minimally with daily use.



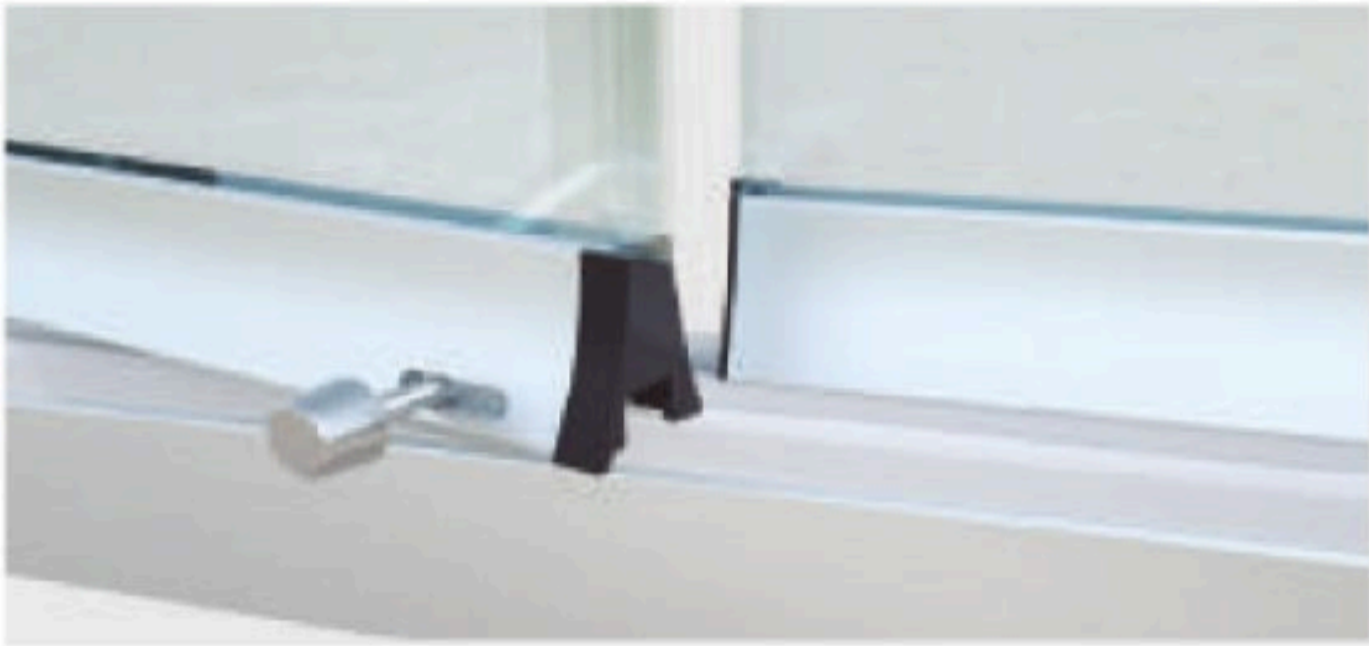
### **EASY TO CLEAN**

Since you can bend the glass, you can clean it comfortably on both sides.



## **RESISTANT STRUCTURE**

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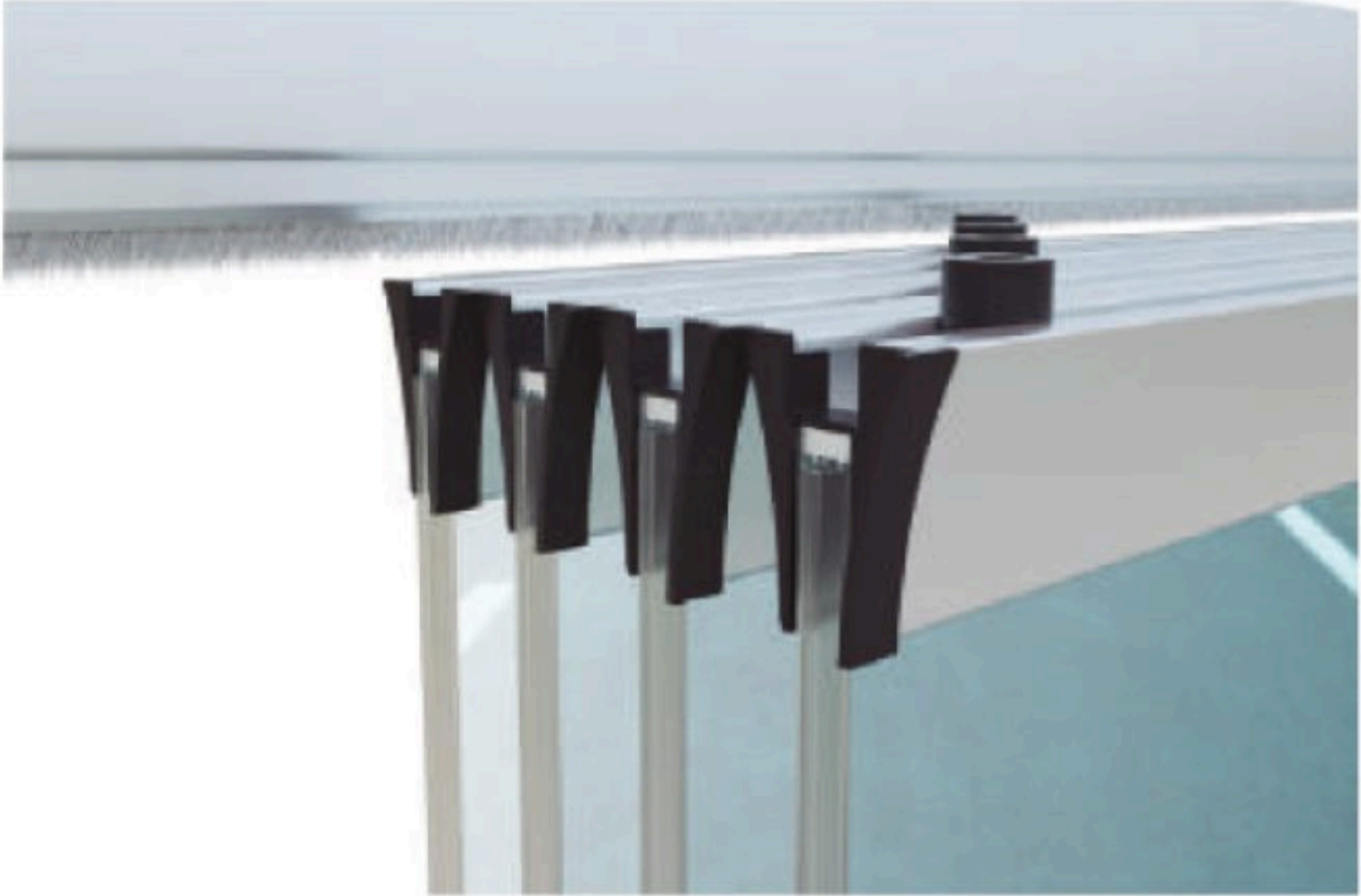
## SECURITY

Manual locking doors, ideal for balconies or in the middle, with a key option for security.



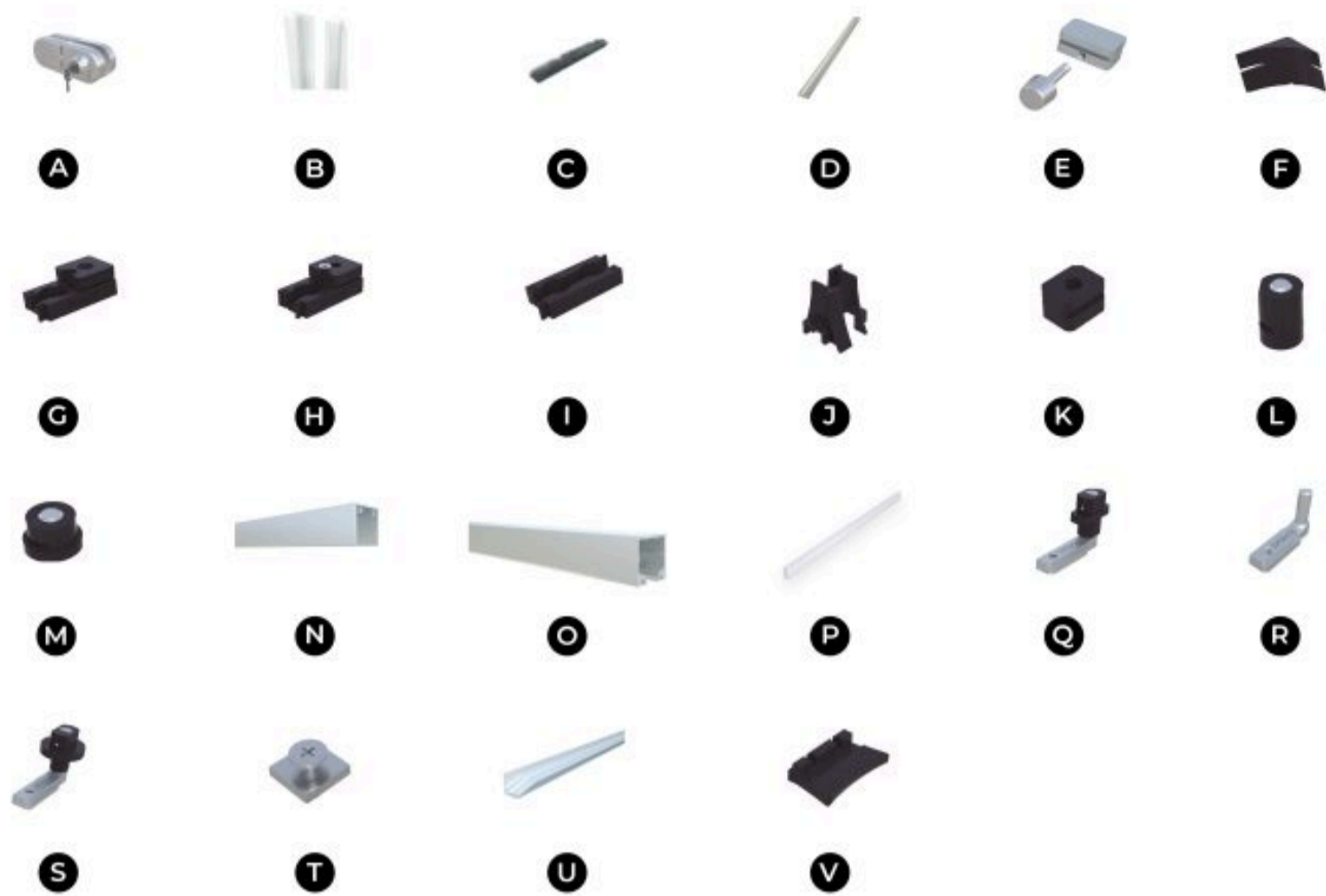
### **STABILITY**

Practical sliding system, which when closed, its panels fit together one behind the other, giving it greater resistance.



### **CUSTOM SIZES**

Panels are available up to 3000 mm high and up to 7000 mm wide.



TO	LOCK
B	POLYCARBONATE PACKAGING
C	BRUSH
D	SILICONE PACKING
AND	MANUAL LOCK
F	CORNER GUIDE
G	TOP DOOR PARKING
H	PARKING LOWER DOOR
Yo	PARKING LOWER AND UPPER DOOR
J	LEFT AND RIGHT COVER
K	RETAINING QUADRANT
L	UPPER GUIDE BUSHING
M	LOWER GUIDE BUSHING
N	U-PROFILE LEVELER
EITHER	RAIL PROFILE
P	TEFLON SKATE PROFILE
Q	LOWER HINGE
R	UPPER HINGE
S	HINGE ON DOOR
T	LEVELING SET
OR	SIDE PROFILE F
V	RECEIVER

## PRODUCT OPTIONS

- Dual (Tempered and laminated).
- Dual (Tempered and laminated) with solar control glass.
- Dual (Tempered and laminated) PVB solar control.
- Dual (Tempered and laminated) Low-E.
- Sentry laminated structural glass DG41.

## TECHNOLOGY AND PERFORMANCE

We offer a catalog of high-performance glass products to make your spaces more comfortable, efficient, and sustainable. Solar control glass is a high-tech product developed by the glass industry. It allows sunlight to pass through windows or facades while simultaneously radiating or reflecting much of the sun's heat to the outside. The interior space remains illuminated, maintaining the temperature and a cool environment, unlike conventional clear glass. With the use of solar control glass, you will enjoy a safe and welcoming space. It consists of two sheets of glass joined together by PVB. When broken, the fragments adhere to the film, preventing the release of particles.

## ADVANTAGES

- Provides security for your home.
- Safe from human impact.
- Reduces noise
- . - Reduces 99% of UV rays from indoor spaces.

## TEMPERED GLASS

This glass has undergone a heat treatment process (Heat-Cold) that increases its mechanical resistance, withstanding 5 times more shocks, impacts, bending and torsion.

- Insurance against human impact.
- Reduces the risk of accidents.
- Tolerates high temperatures and thermal shocks.



- 1) Acoustic comfort
- 2) Energy saving
- 3) Shadow coefficient
- 4) Saving money
- 5) Sun protection
- 6) Thermal insulation
- 7) UV protection

