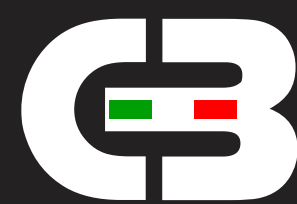




ATHALIUM

Elevating Spaces with Italian Precision

DOORS



SYSTEMS
sistemi per porte e arredamento

SLIDING DOOR

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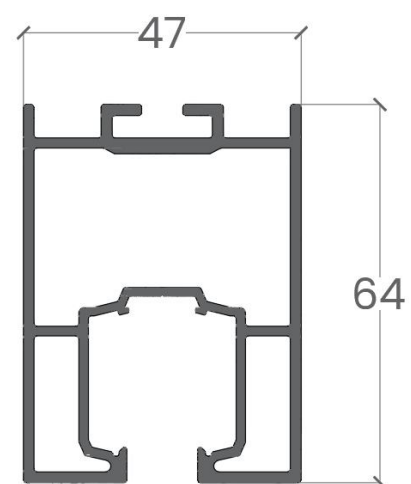
INTRODUCTION

The CB Doors catalogue showcases a range of glass sliding door systems with aluminium framing profiles, designed for modern interiors. Each system features a standard soft open and close mechanism for smooth, cushioned movement. The collection includes single, double, three-door, four-door, and fixed/sliding combinations, along with hidden door options. Detailed plan, elevation, and section views with dimensions are provided to ensure precise design and installation.

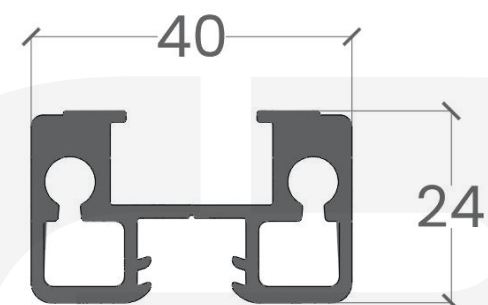


MATERIALS & TOOLS

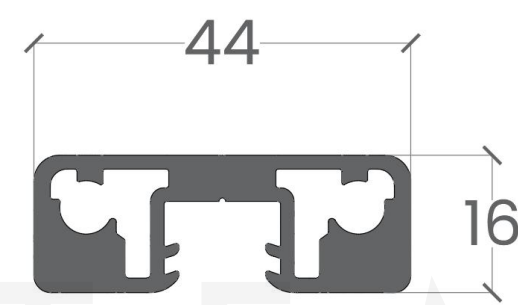
Main Components



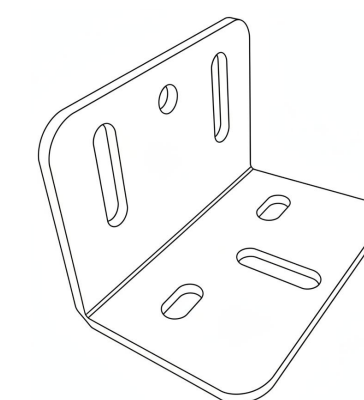
• Track



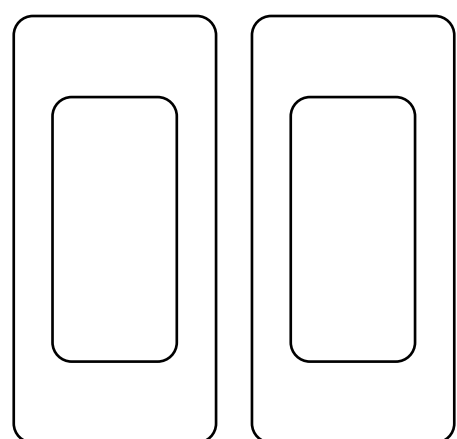
• Horizontal Profile



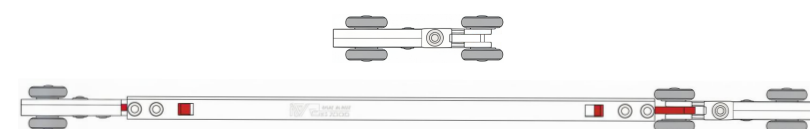
• Vertical Profile



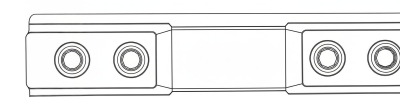
• Wall Fixing Bracket



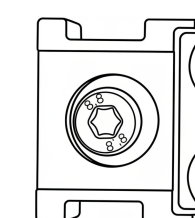
• Door Handle



• Rollers



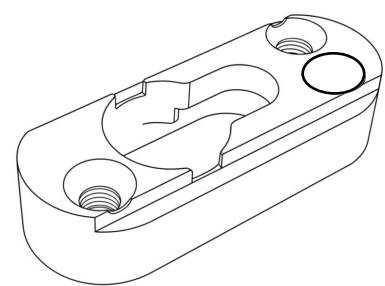
• Activators



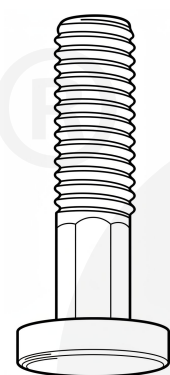
• Sliding Stops

MATERIALS & TOOLS

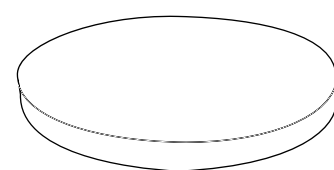
Main Components



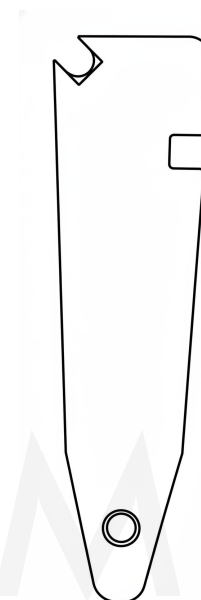
• **Roller Bracket**



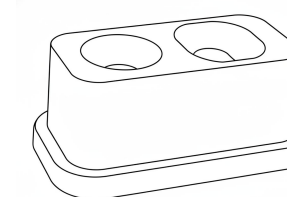
• **Adjustment Screw**



• **Cover Cap**



• **Adjustment Key**

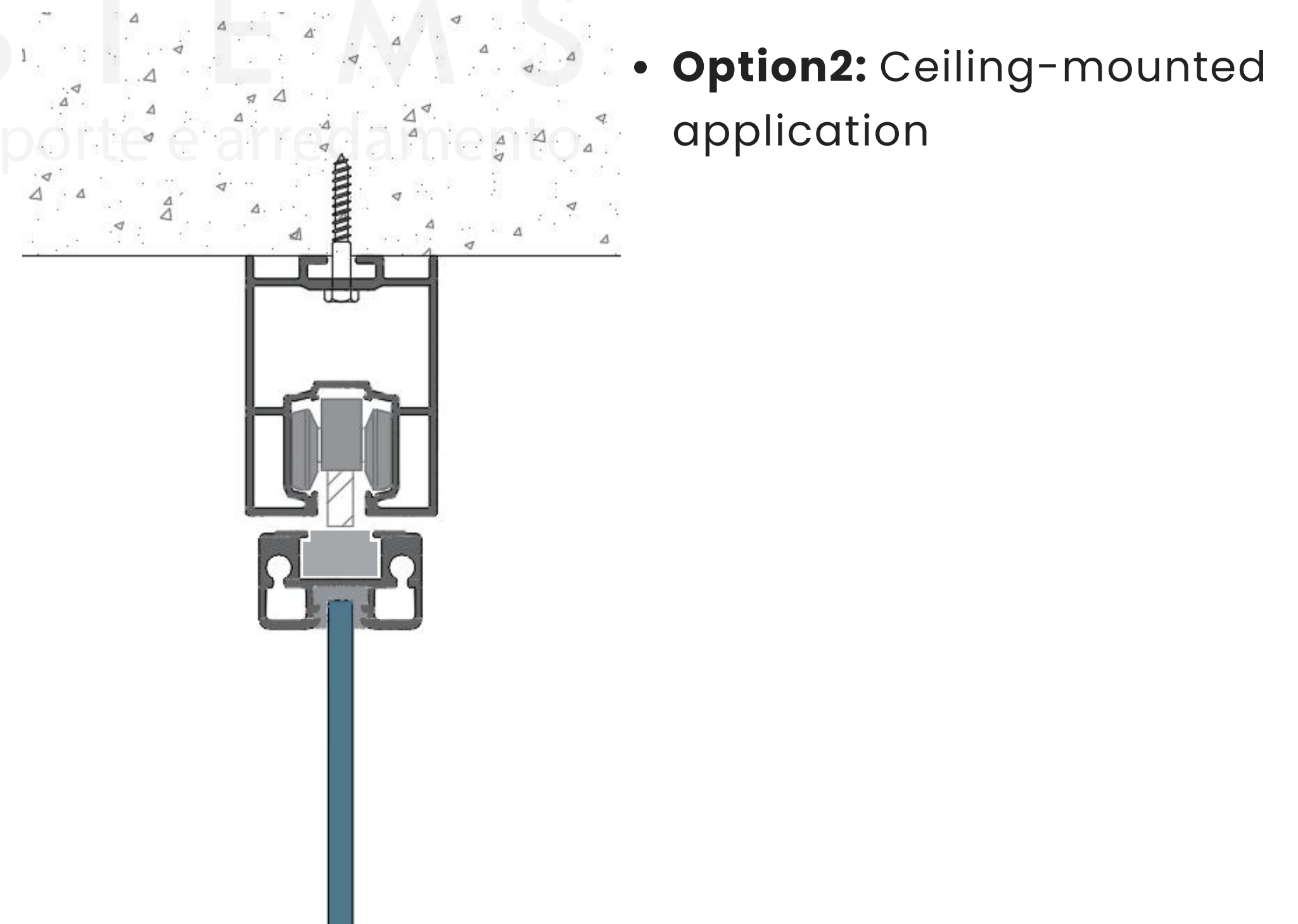
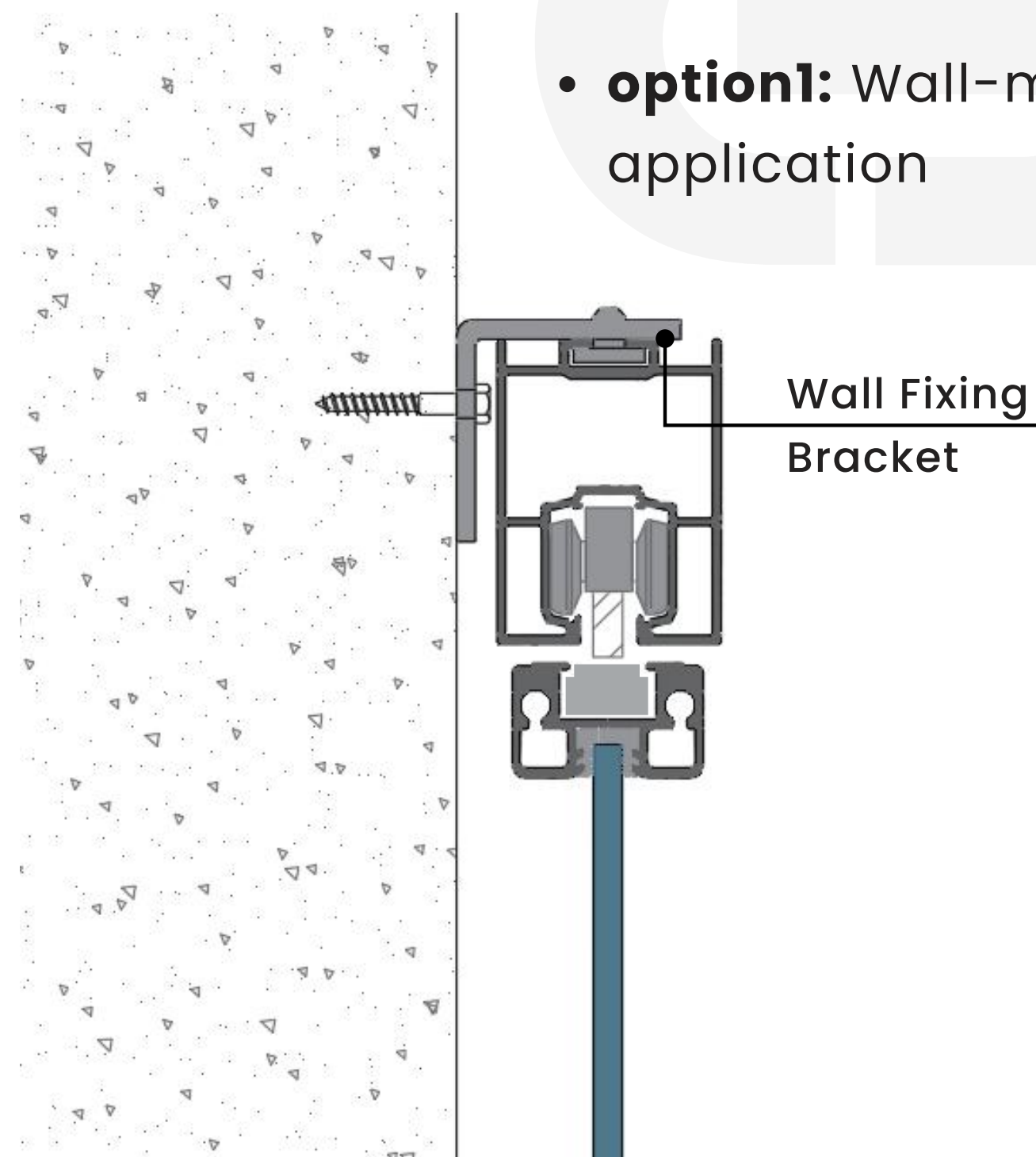


• **Bottom Floor Guide**

SYSTEM STRUCTURE

Track fixing

Glass sliding door with aluminium framing profile, featuring a track suitable for wall-mounted or ceiling-mounted installation.

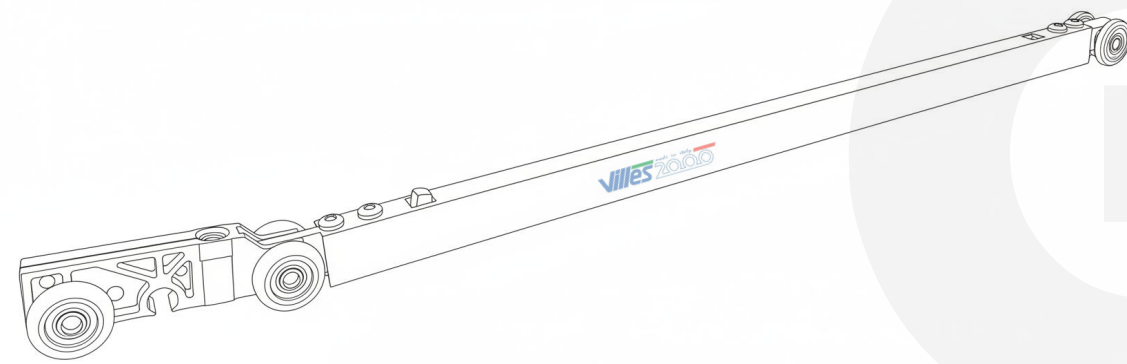


SYSTEM STRUCTURE

Soft Close

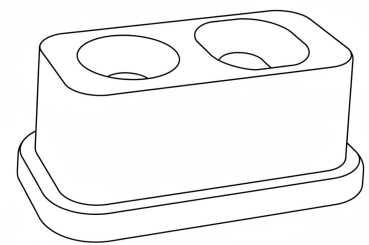
Double Soft close system:

- Ensures controlled door movement and prevents impact damage



Bottom floor guide:

- In plastic material, ensures precise and silent door movement.



Soft open/close system

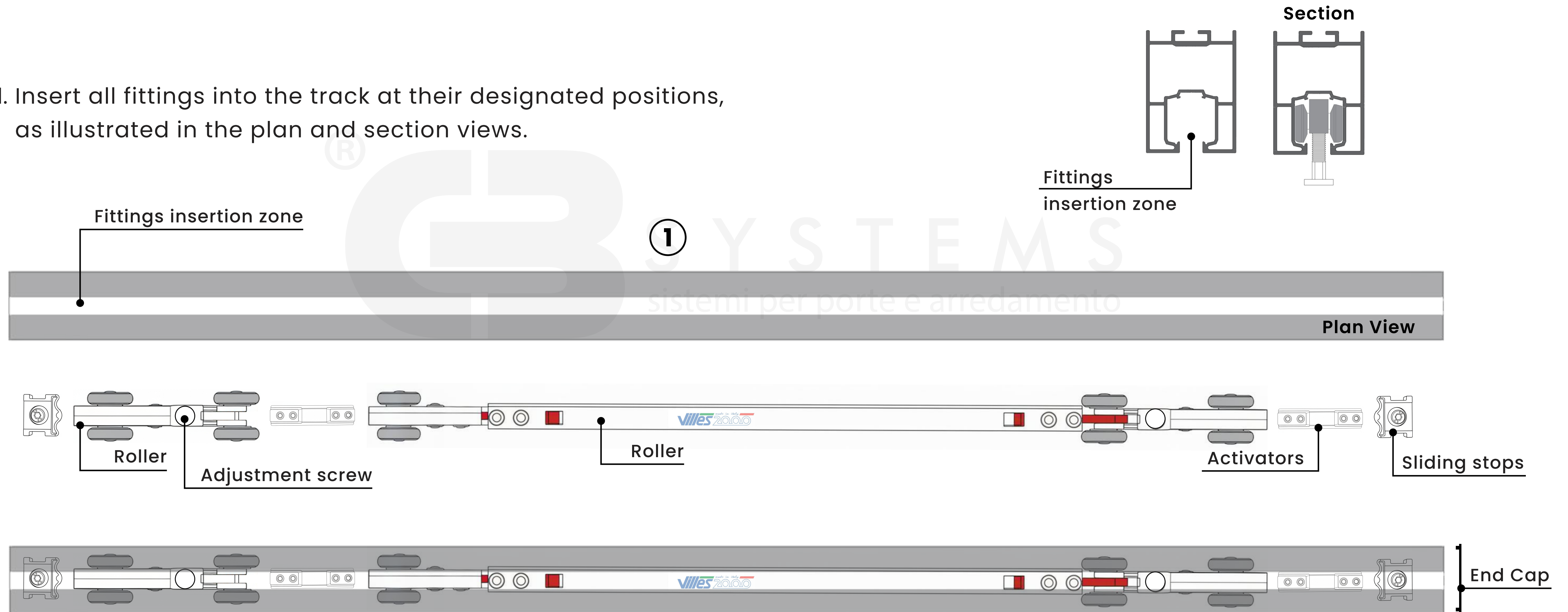
Note: Minimum shutter width must be 60 cm.

Bottom floor guide

PROFILE-TRACK FIXING

Installation Steps

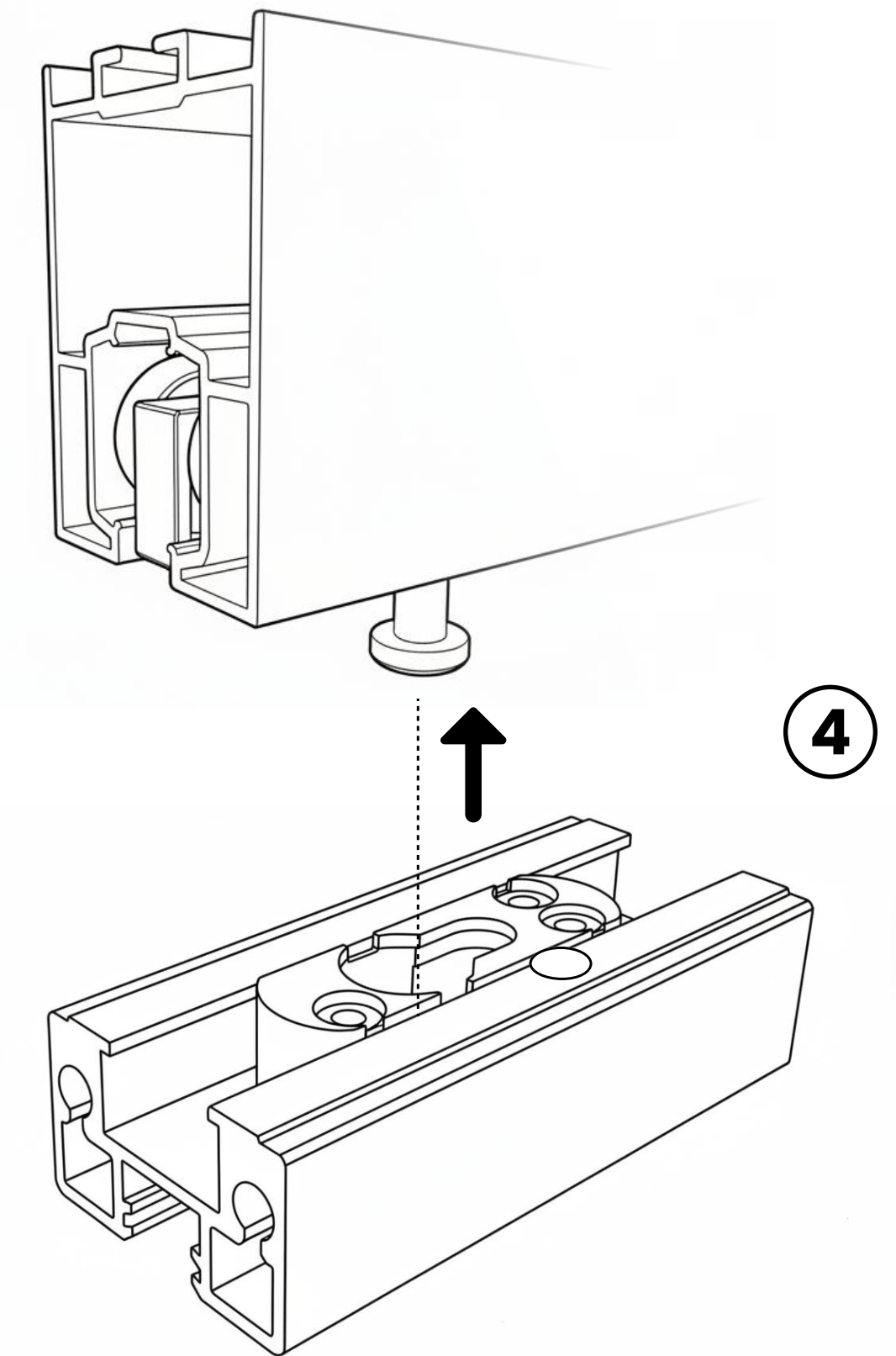
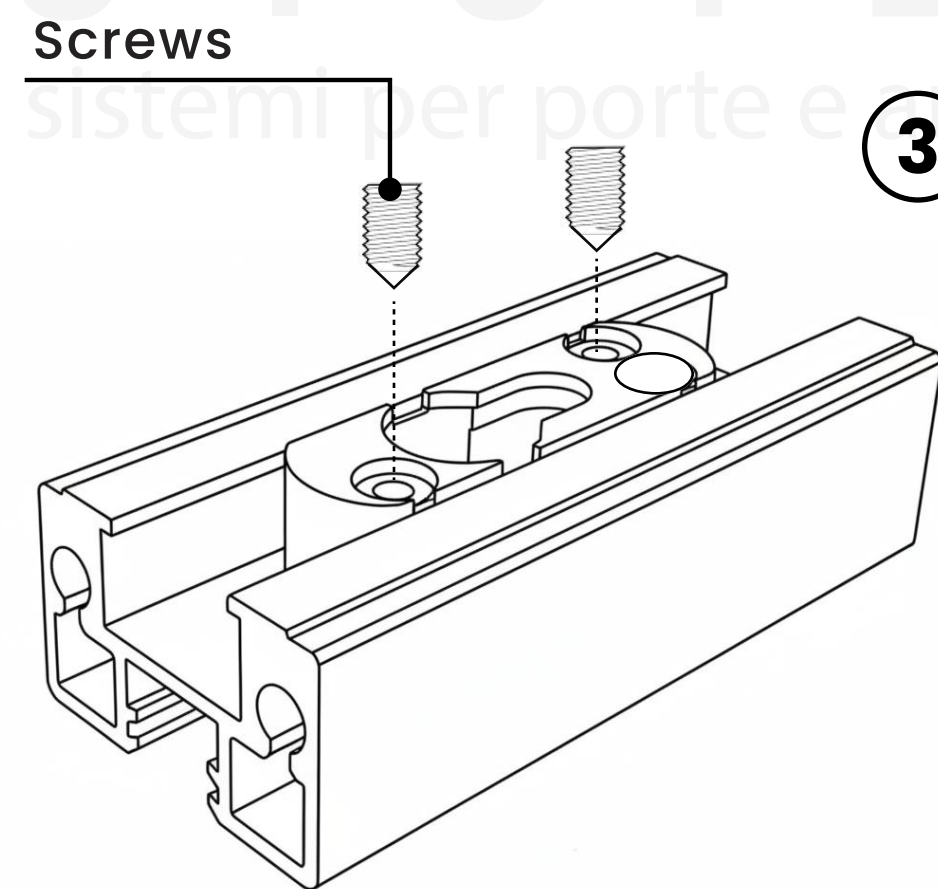
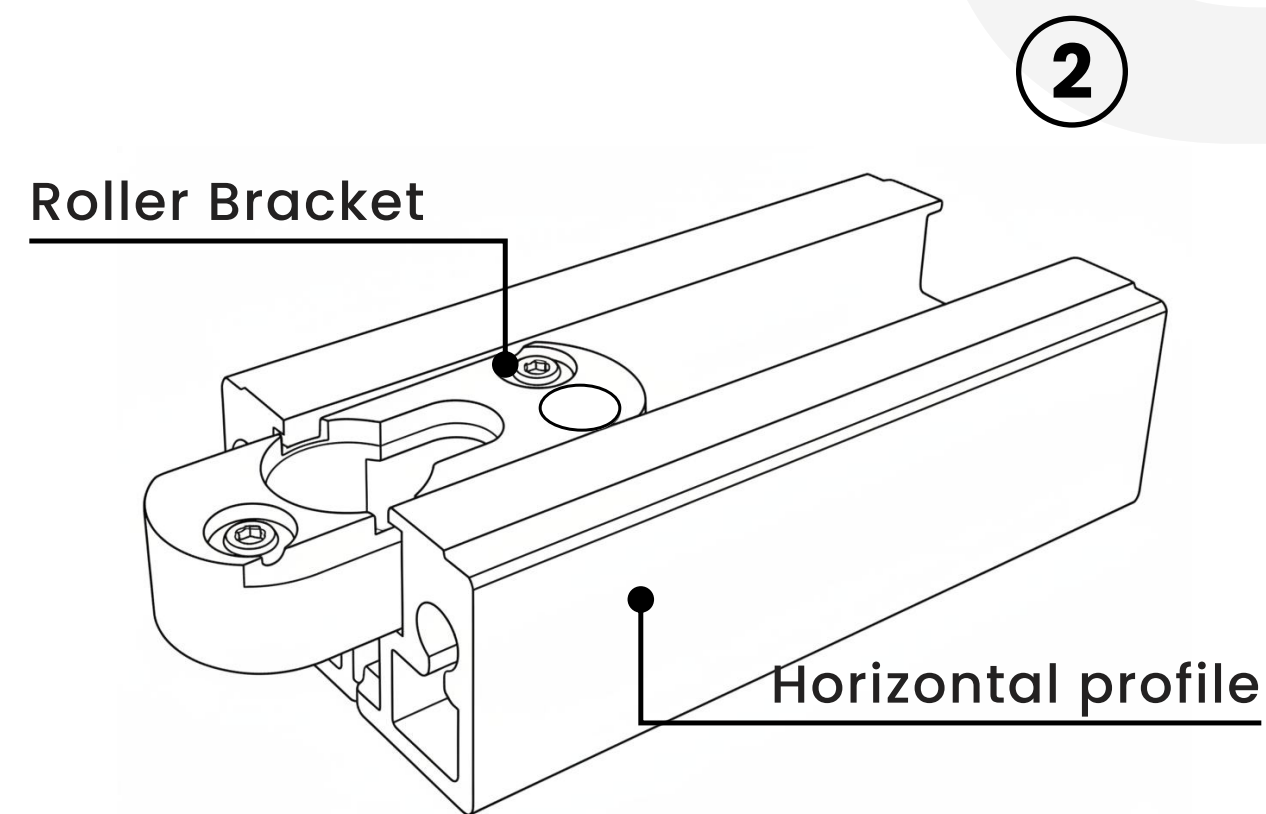
1. Insert all fittings into the track at their designated positions, as illustrated in the plan and section views.



PROFILE-TRACK FIXING

Installation Steps

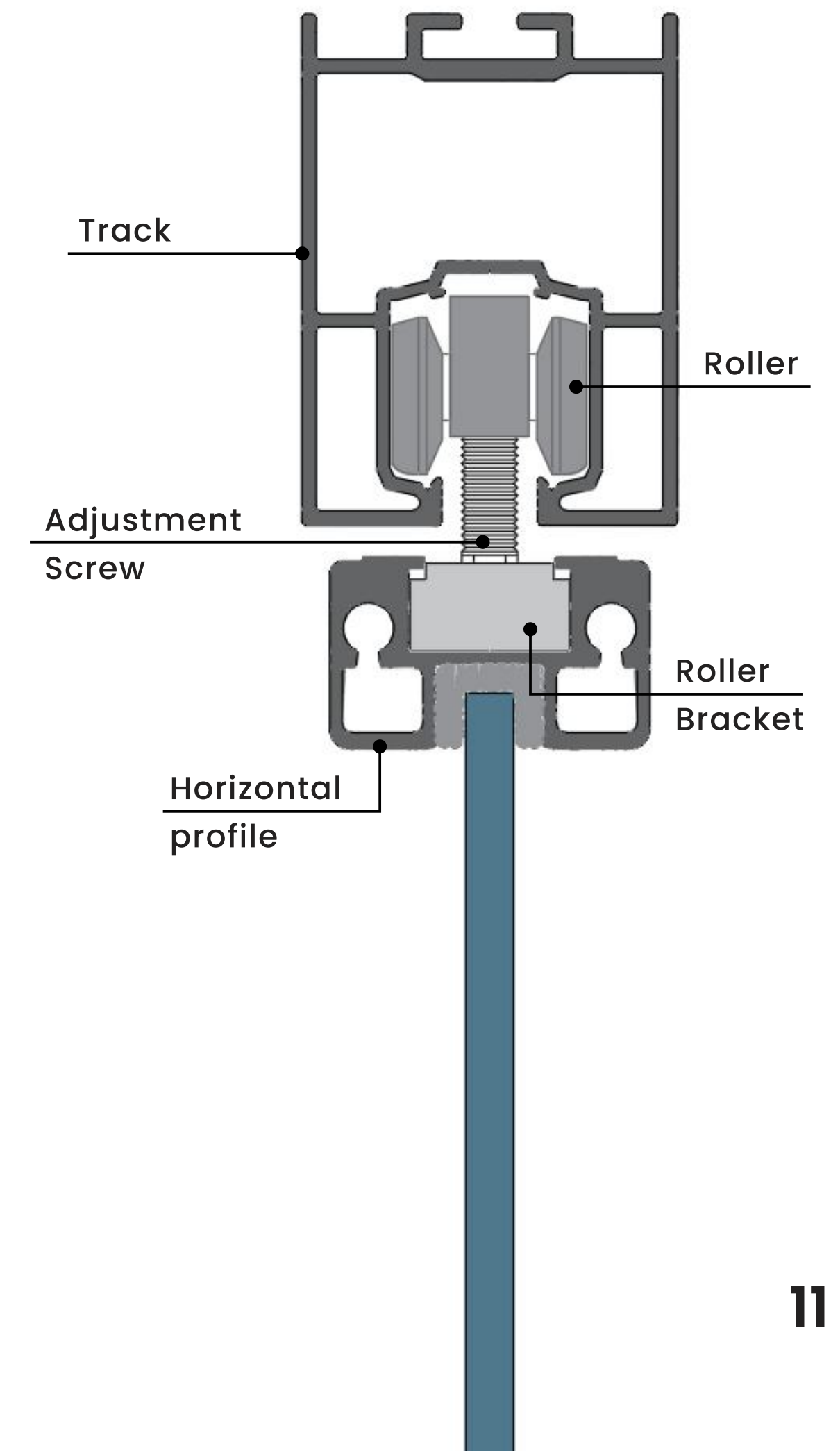
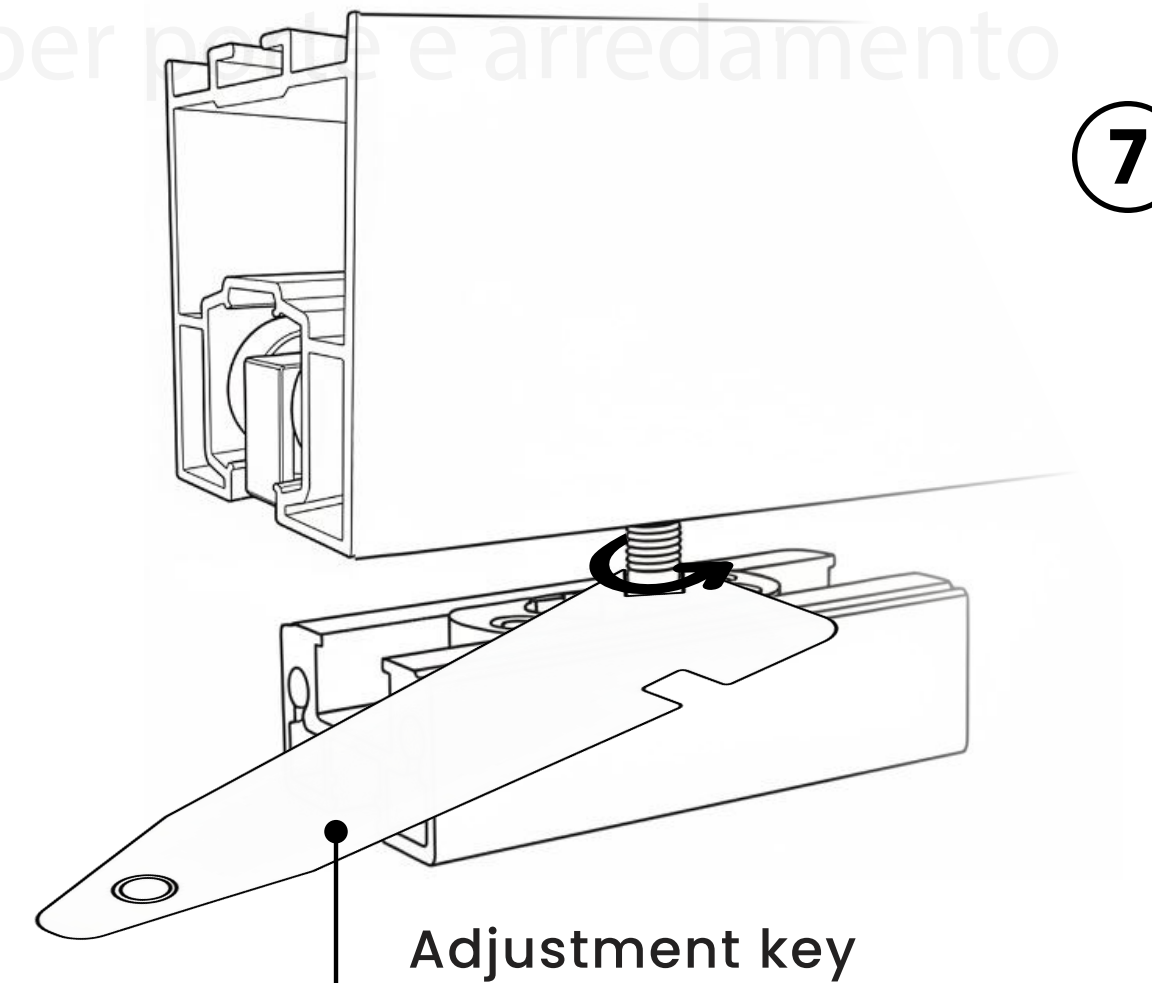
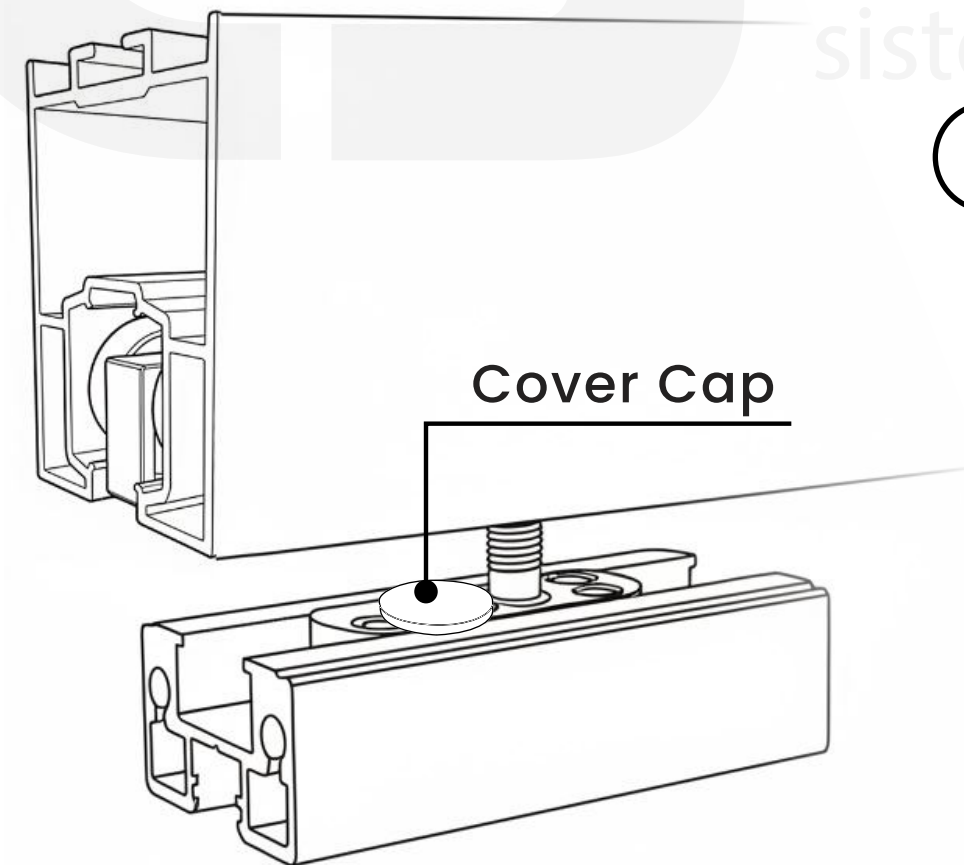
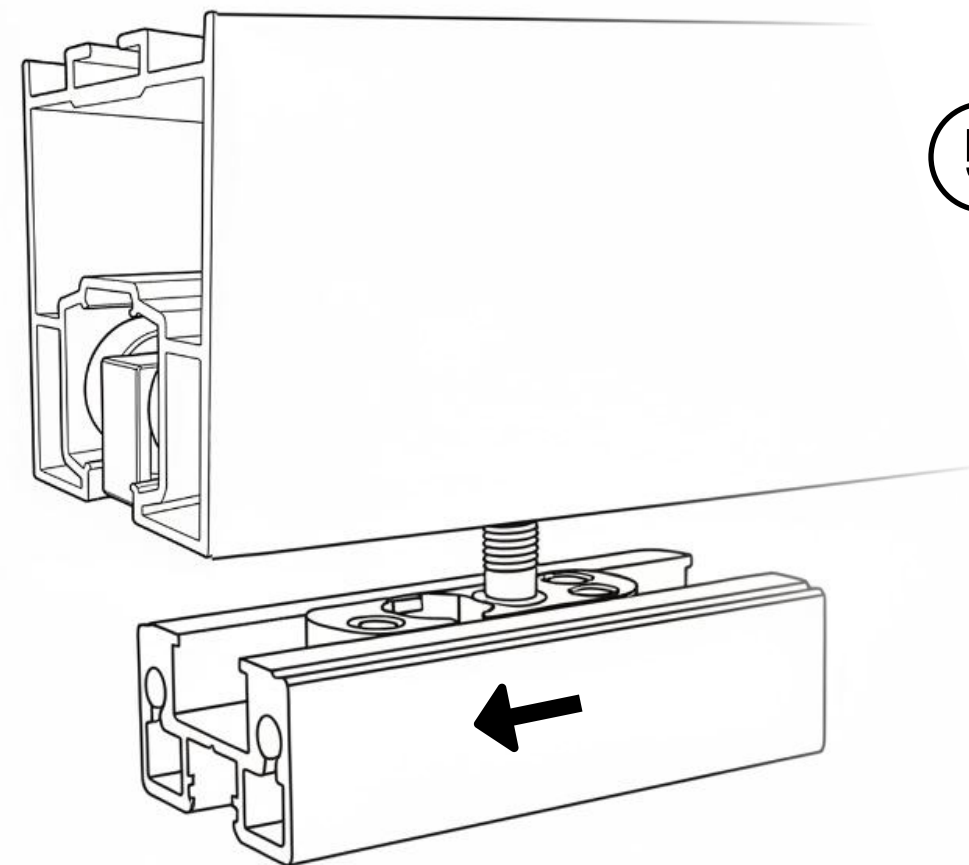
2. Insert the roller bracket into the horizontal aluminium profile.
3. Fix the roller bracket to the profile by screws.
4. Insert the profile, with the roller bracket assembled, into the adjustment screw positioned in the track.



PROFILE-TRACK FIXING

Installation Steps

5. Slide the profile to the left until the screw locks securely in position.
6. Place the cover cap over the adjustment screw.
7. Adjust the screw by the adjustment key.

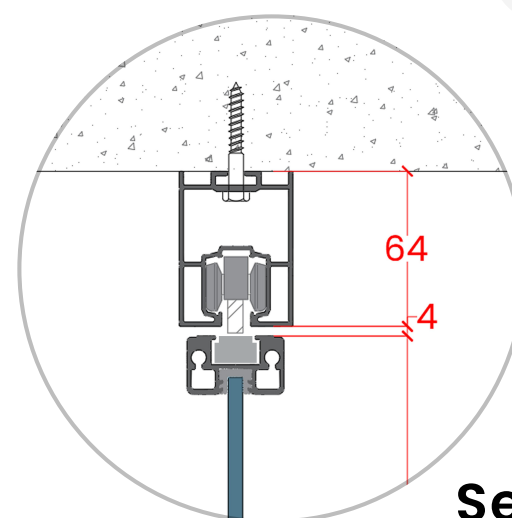


SYSTEM INSTALLATION

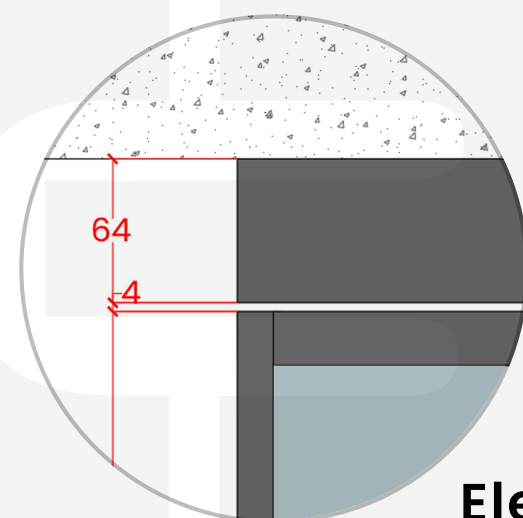
Single Door System

- **Detail 1 — Shutter / Track Detail**

Connection between the door shutter and the upper track.



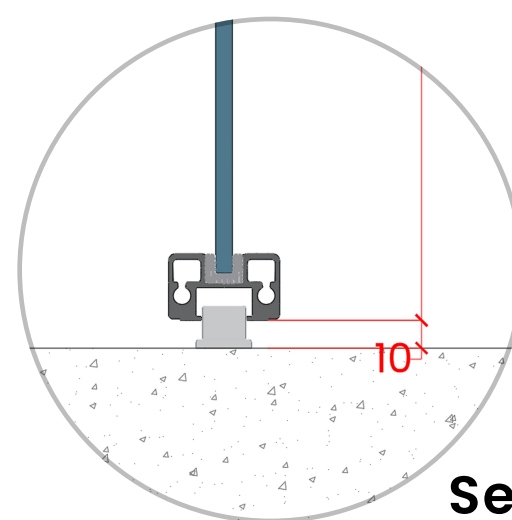
Section



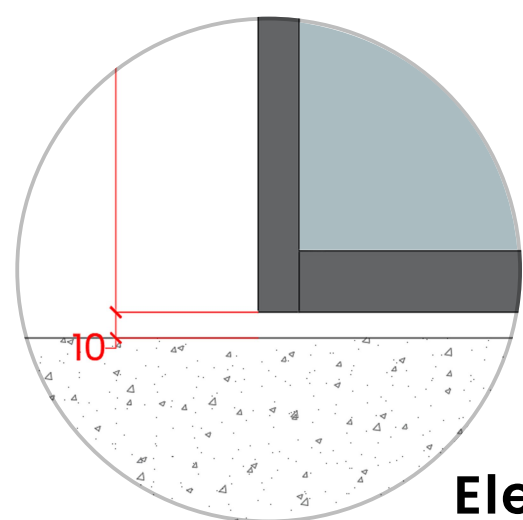
Elevation

- **Detail 2 — Shutter / Floor Detail**

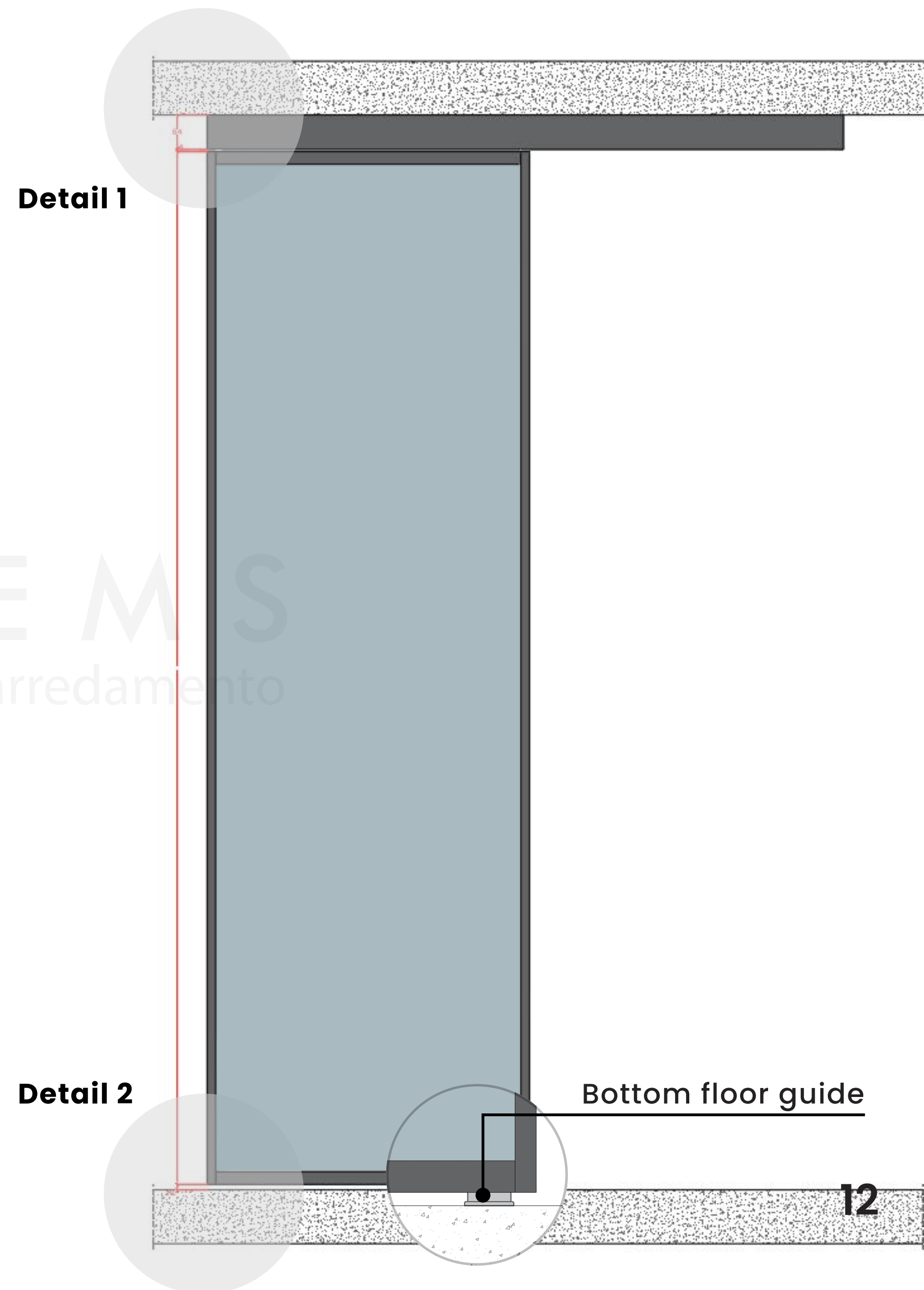
Connection between the door shutter and the floor base.



Section



Elevation



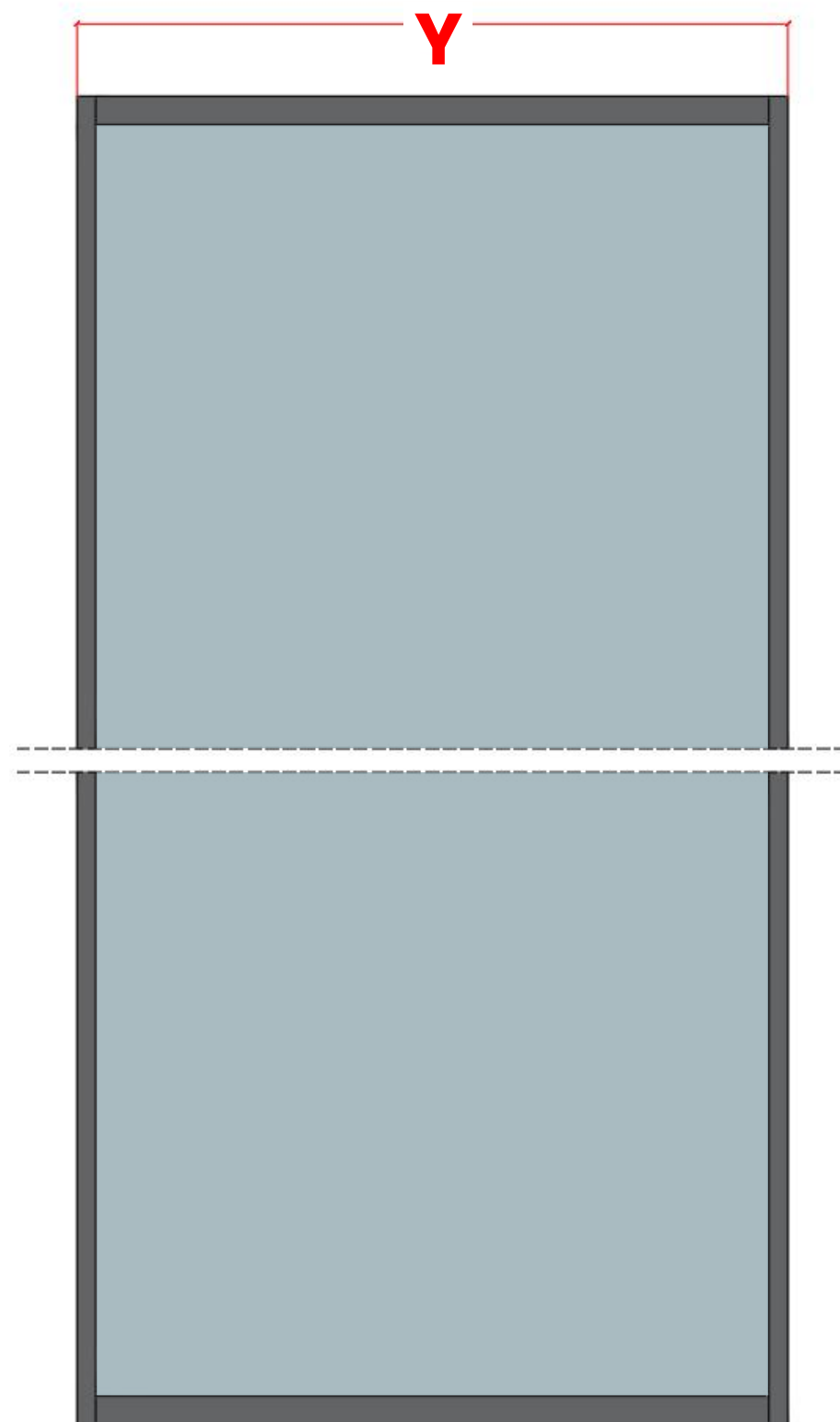
Detail 1

Detail 2

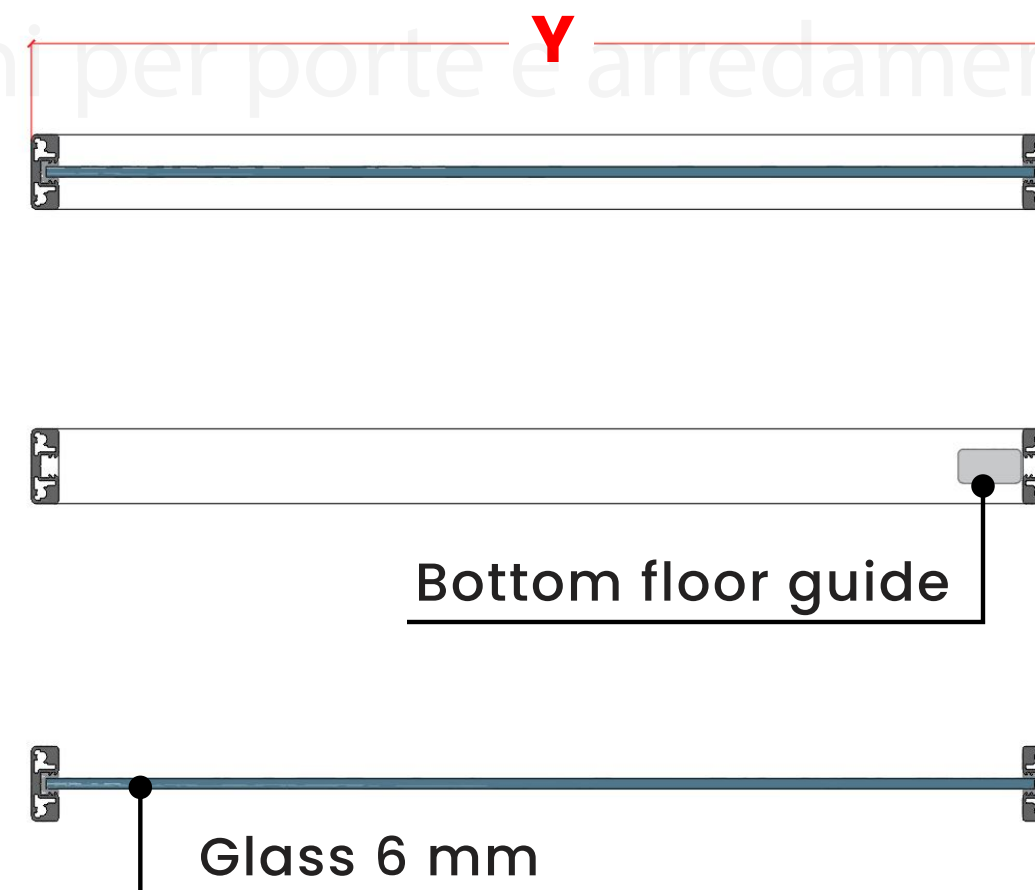
Bottom floor guide

SYSTEM INSTALLATION

Single Door System



- **Elevation View — Door Shutter**
Front view showing the door shutter height and configuration.



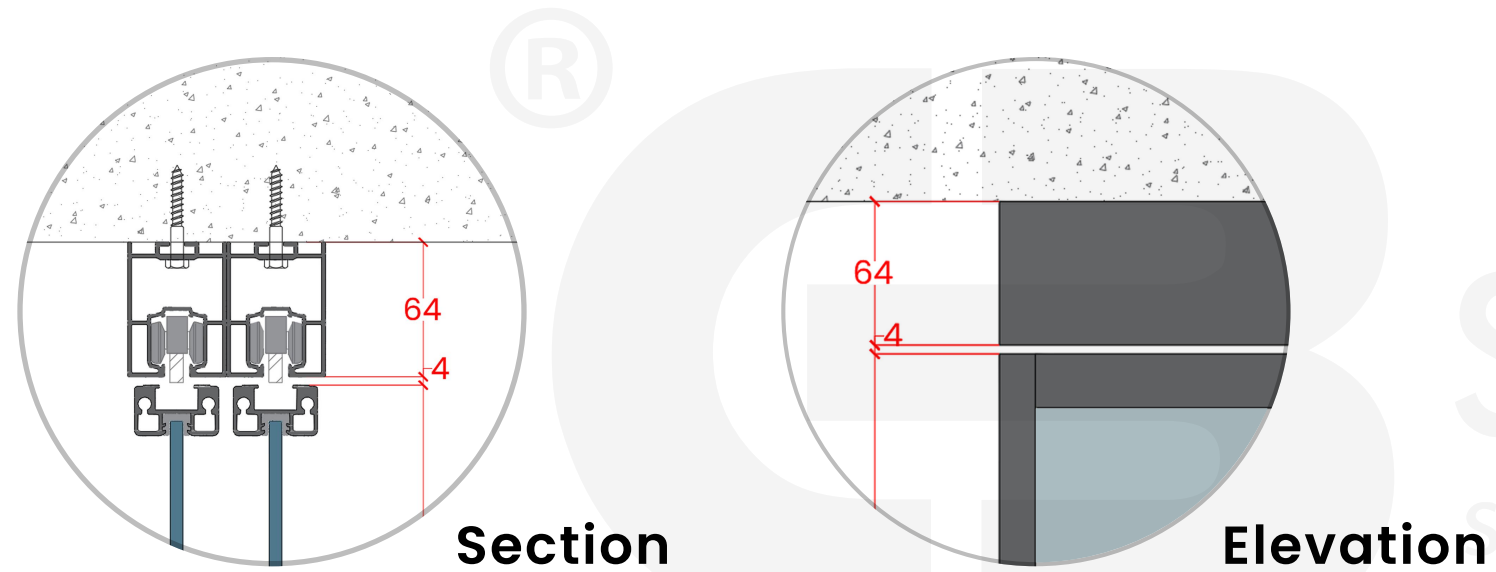
- **Plan View — Door Shutter**
Top view showing the door shutter dimensions and alignment.

SYSTEM INSTALLATION

Double Door System

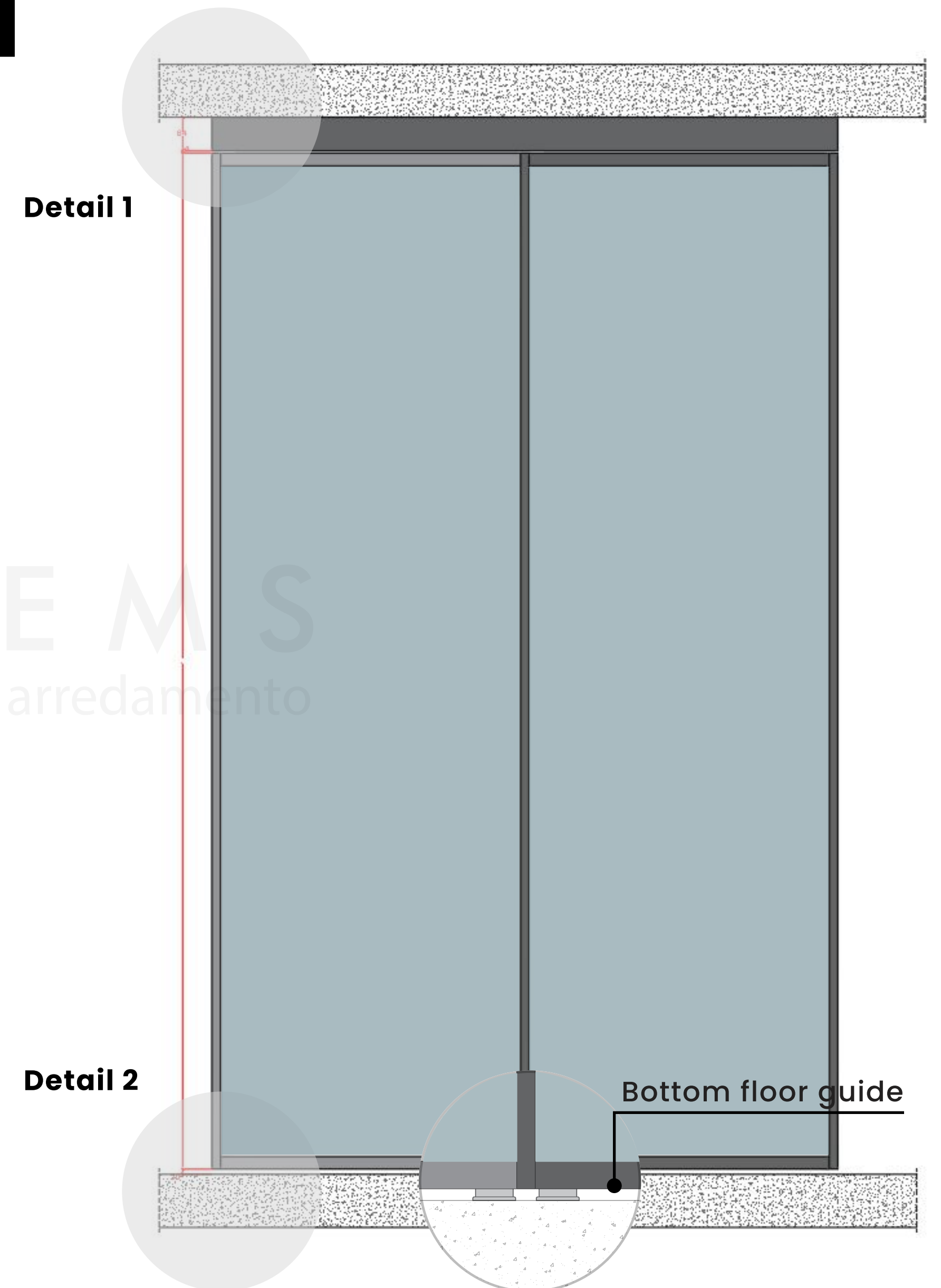
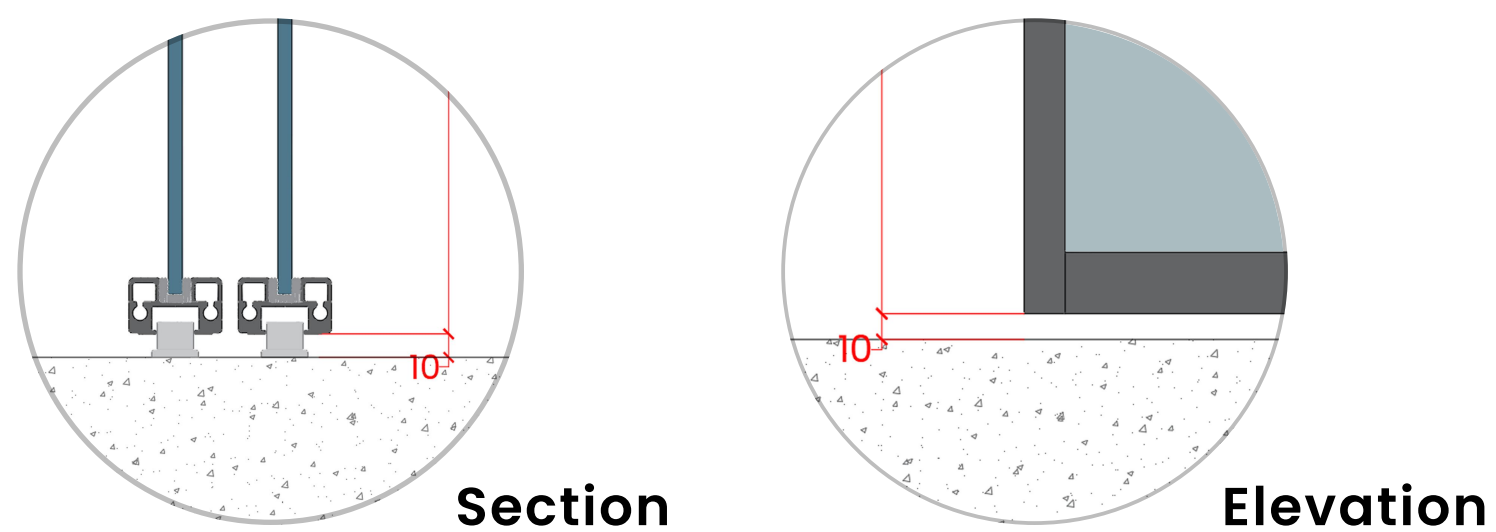
- **Detail 1 — Shutter / Track Detail**

Connection between the door shutter and the upper track.



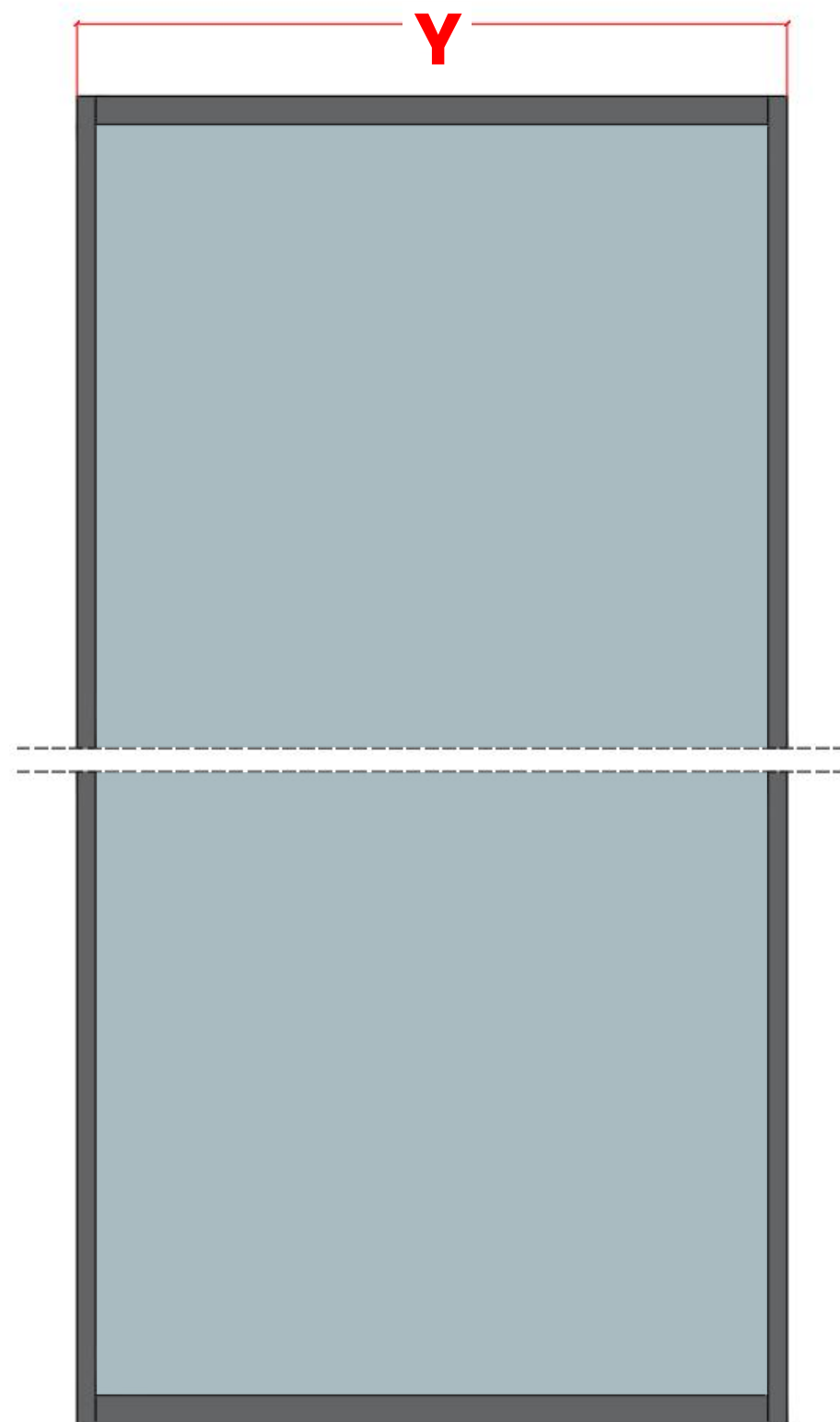
- **Detail 2 — Shutter / Floor Detail**

Connection between the door shutter and the floor base.

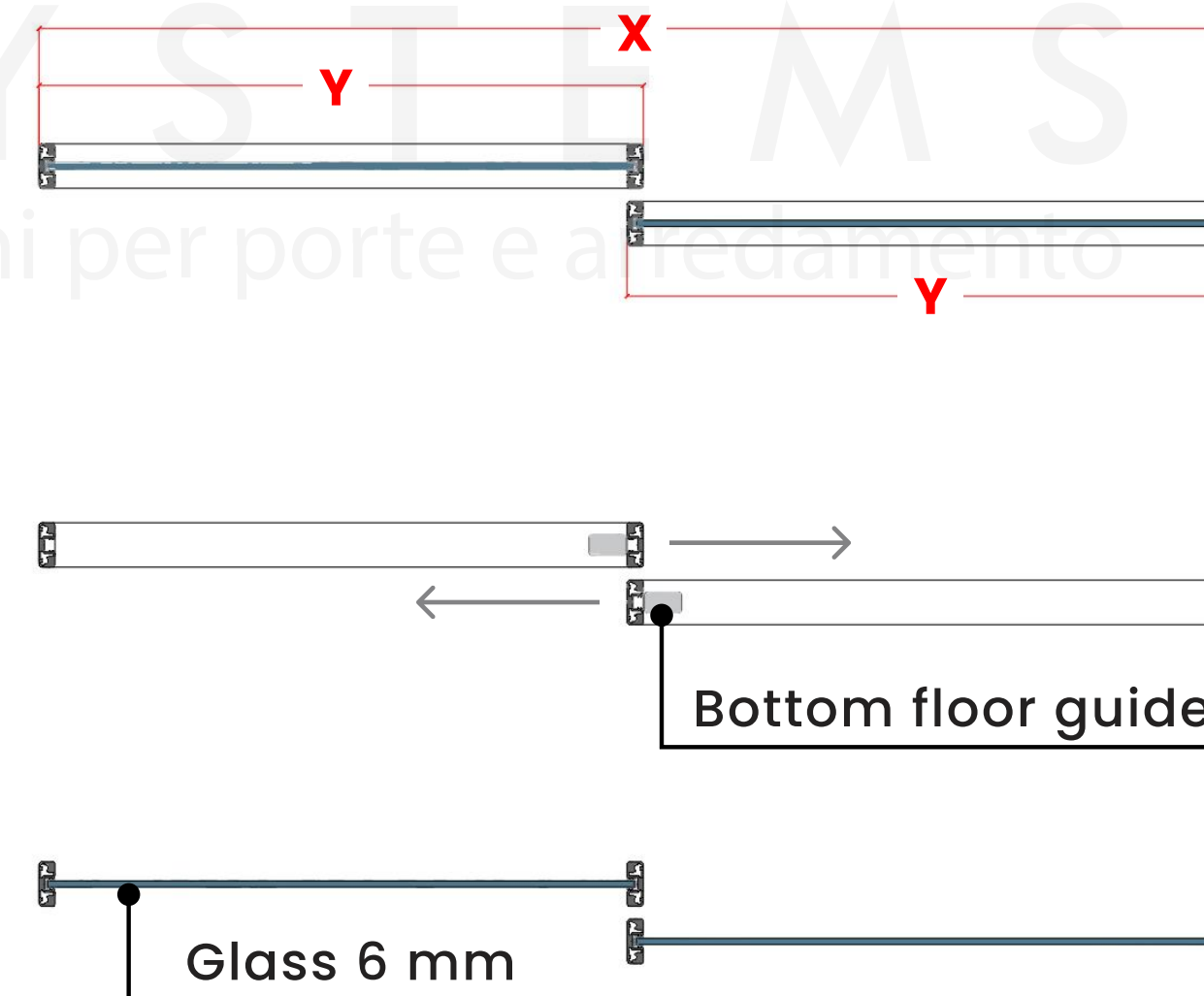


SYSTEM INSTALLATION

Double Door System



- **Elevation View — Door Shutter**
Front view showing the door shutter height and configuration.



- **Plan View — Door Shutter**
Top view showing the door shutter dimensions and alignment.

X= vide

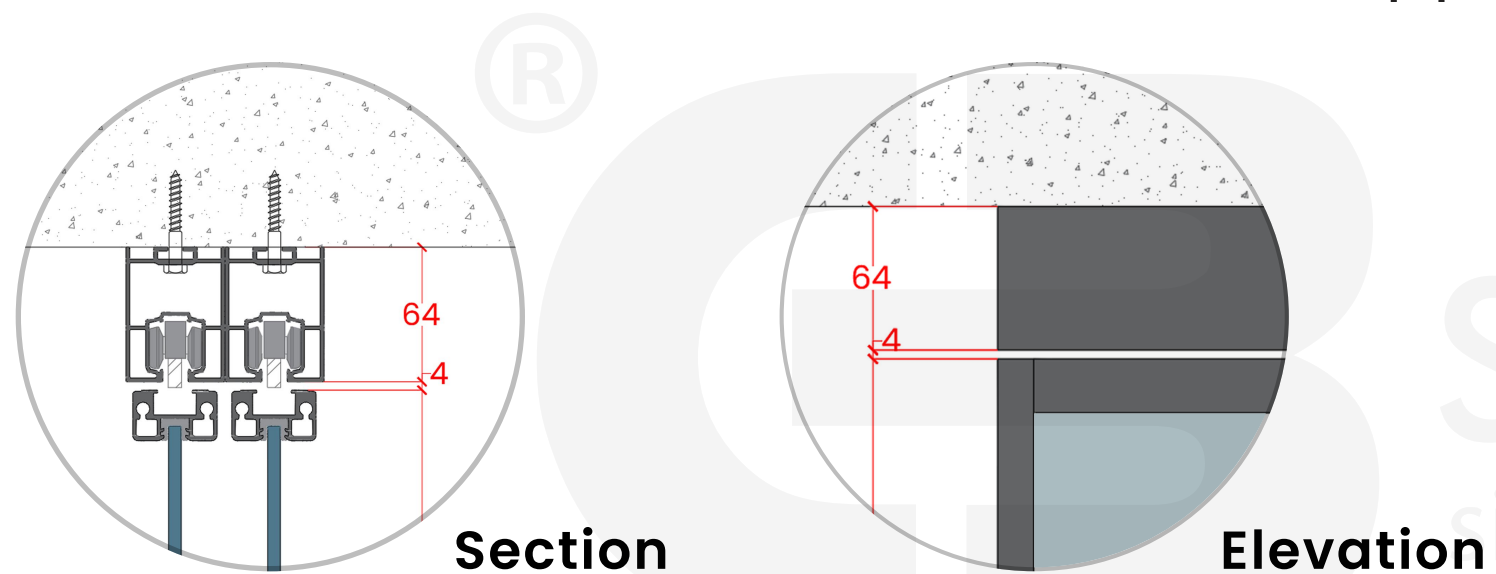
$Y = (X + 1.6) \div 2$

SYSTEM INSTALLATION

3-Door System

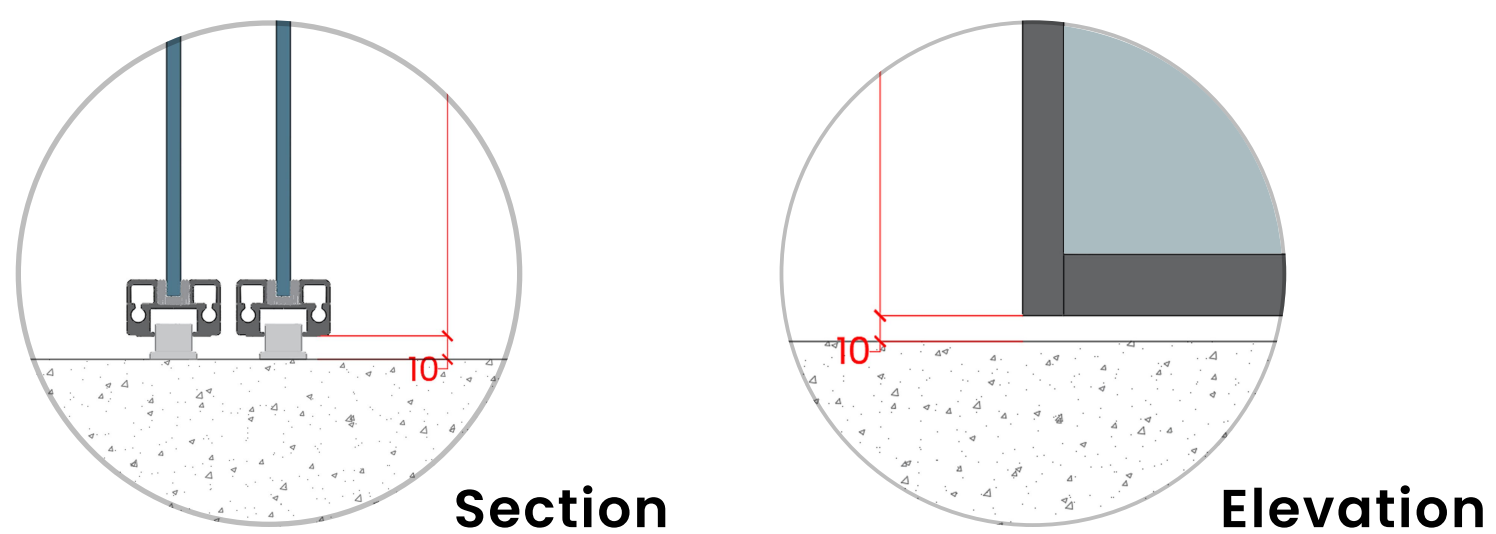
- **Detail 1 — Shutter / Track Detail**

Connection between the door shutter and the upper track.



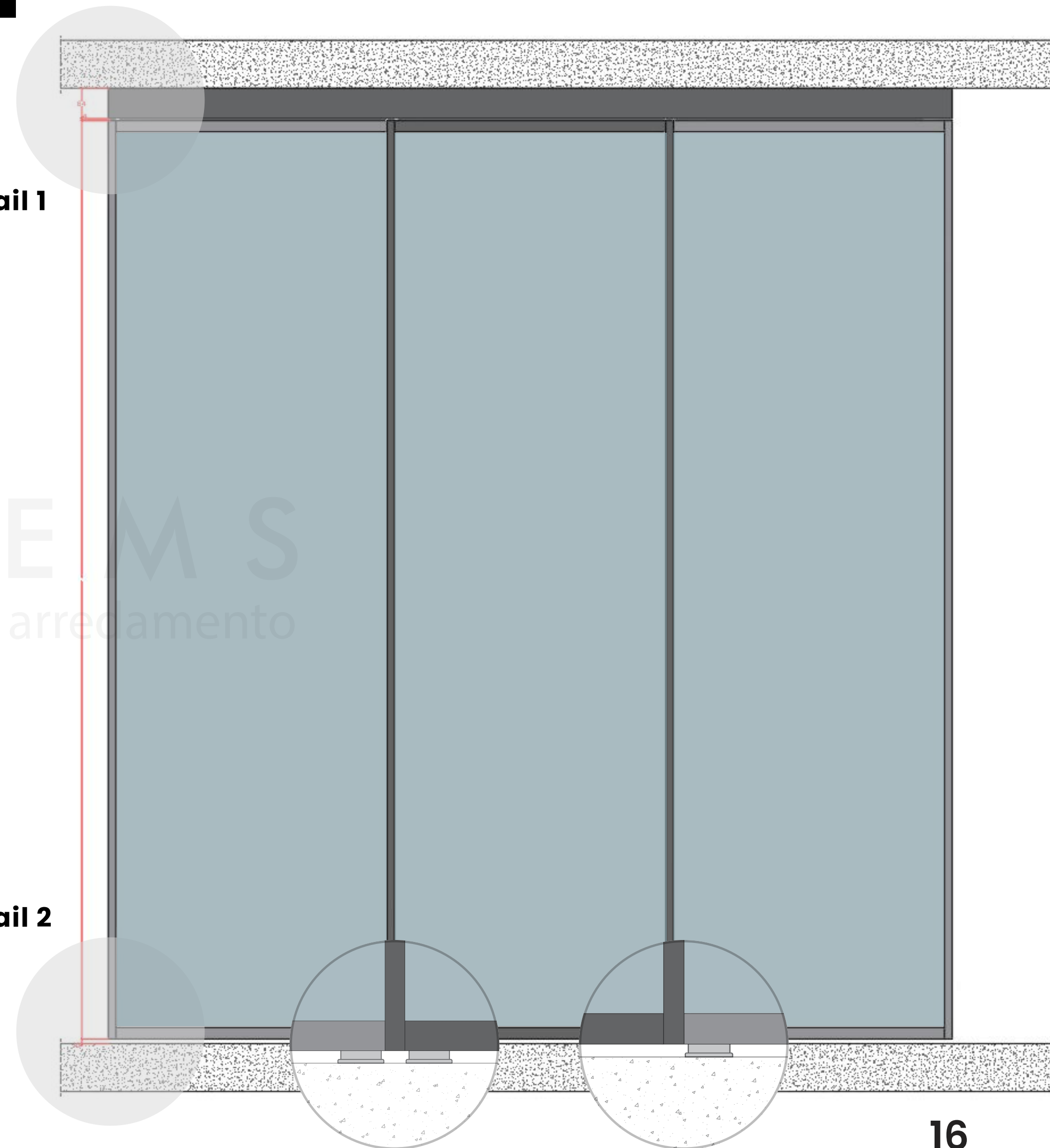
- **Detail 2 — Shutter / Floor Detail**

Connection between the door shutter and the floor base.



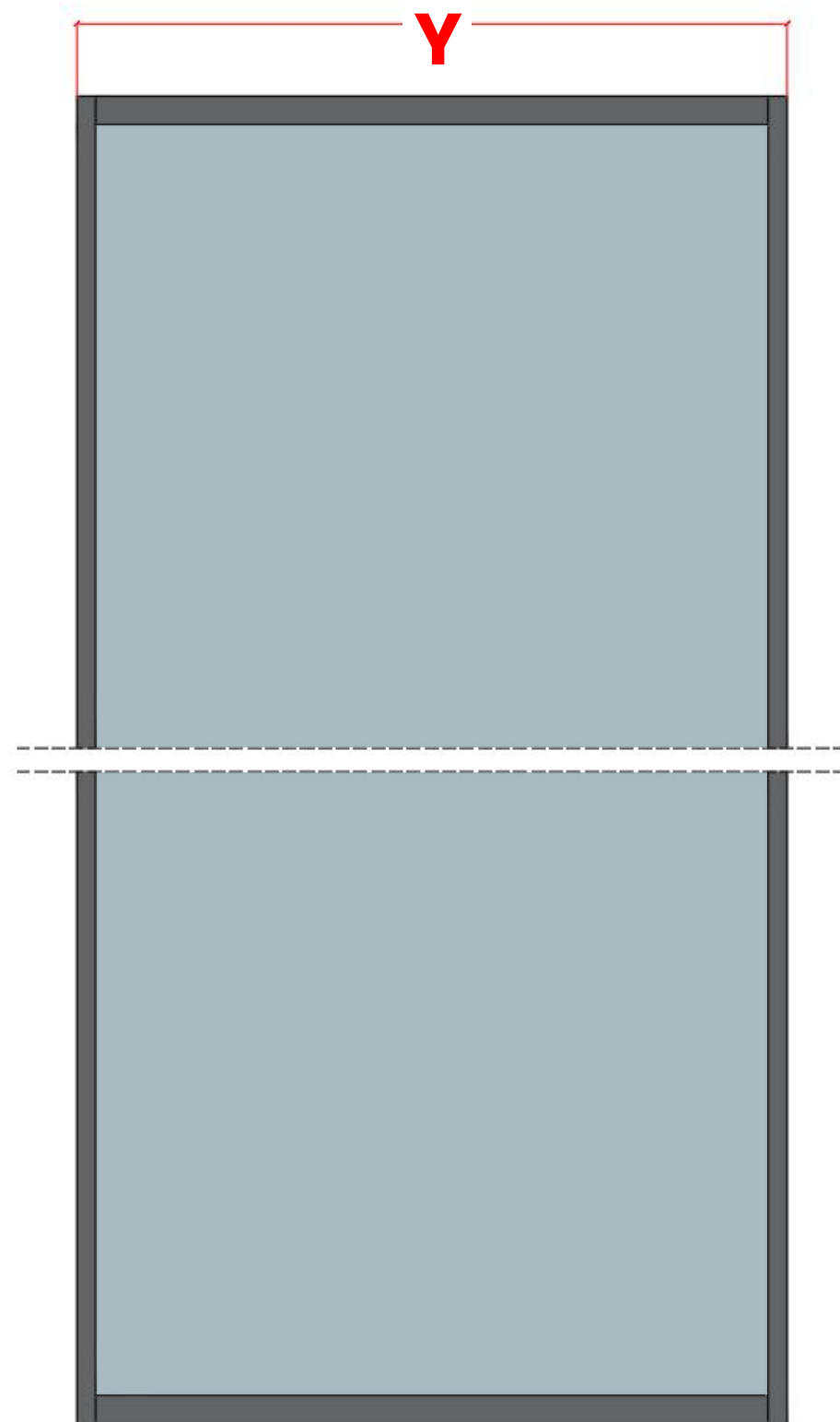
Detail 1

Detail 2

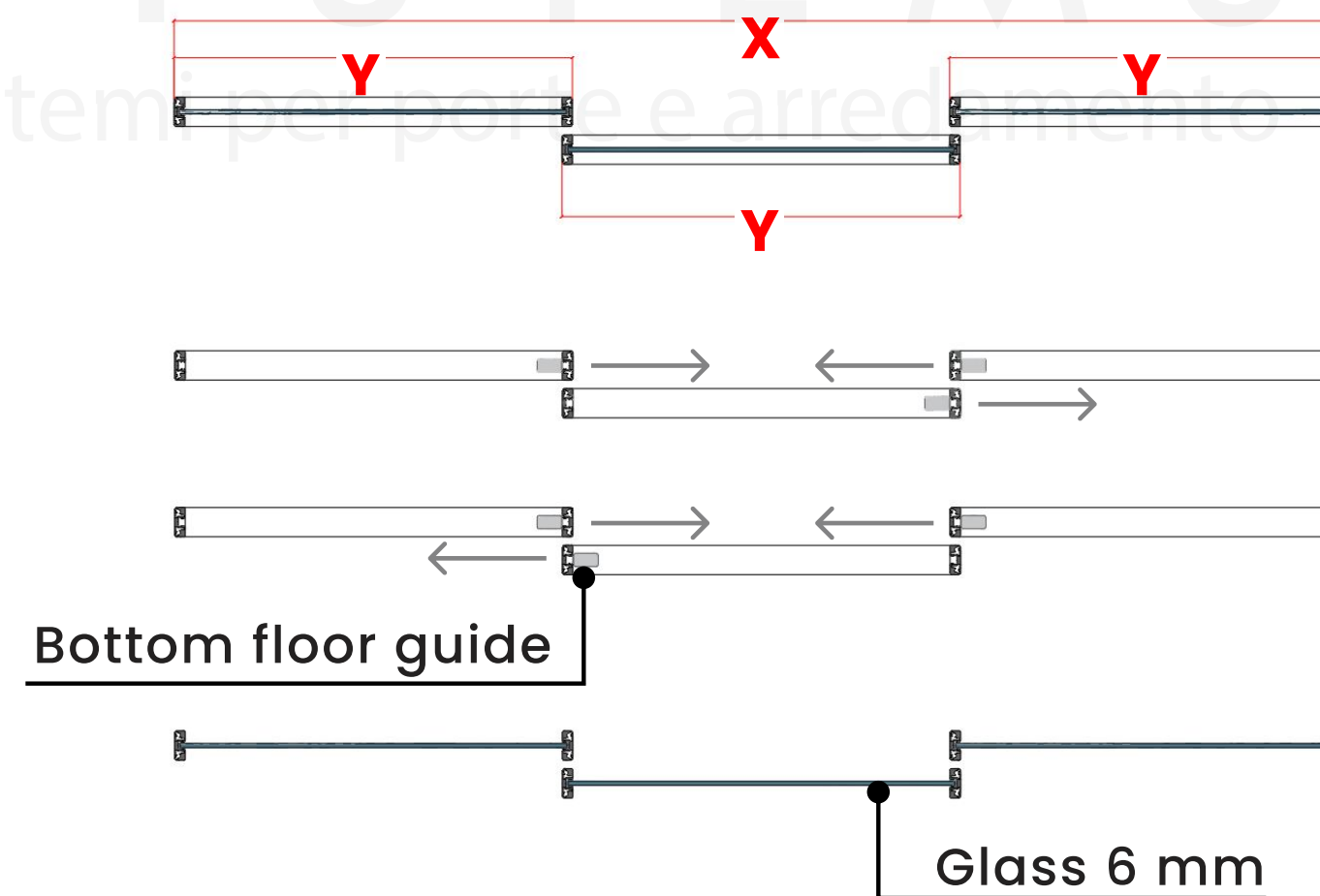


SYSTEM INSTALLATION

3-Door System



- **Elevation View — Door Shutter**
Front view showing the door shutter height and configuration.



- **Plan View — Door Shutter**
Top view showing the door shutter dimensions and alignment.

X= vide

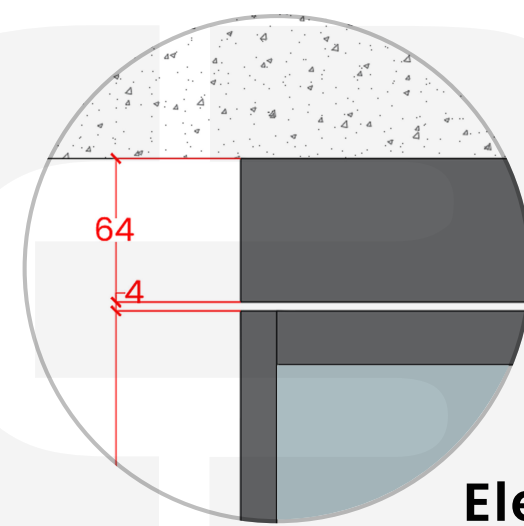
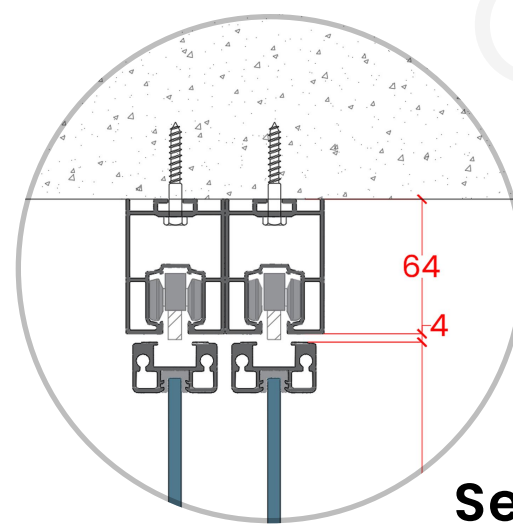
$$Y = (X + 3.2) \div 3$$

SYSTEM INSTALLATION

4-Door System

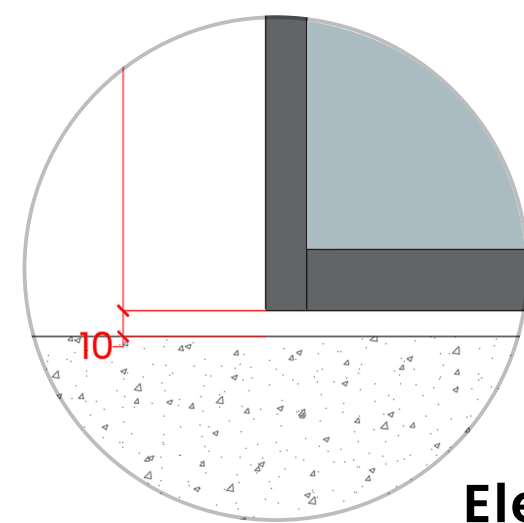
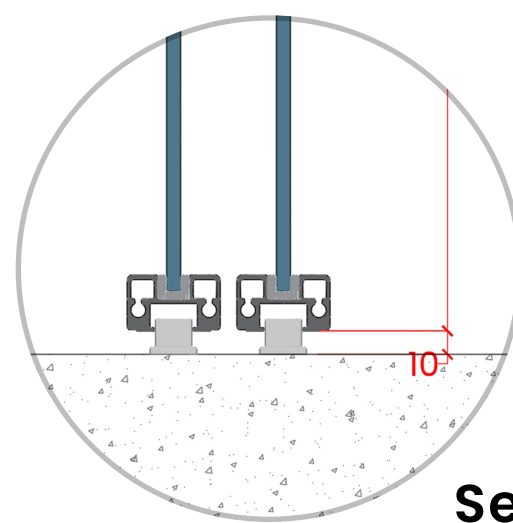
- **Detail 1 — Shutter / Track Detail**

Connection between the door shutter and the upper track.



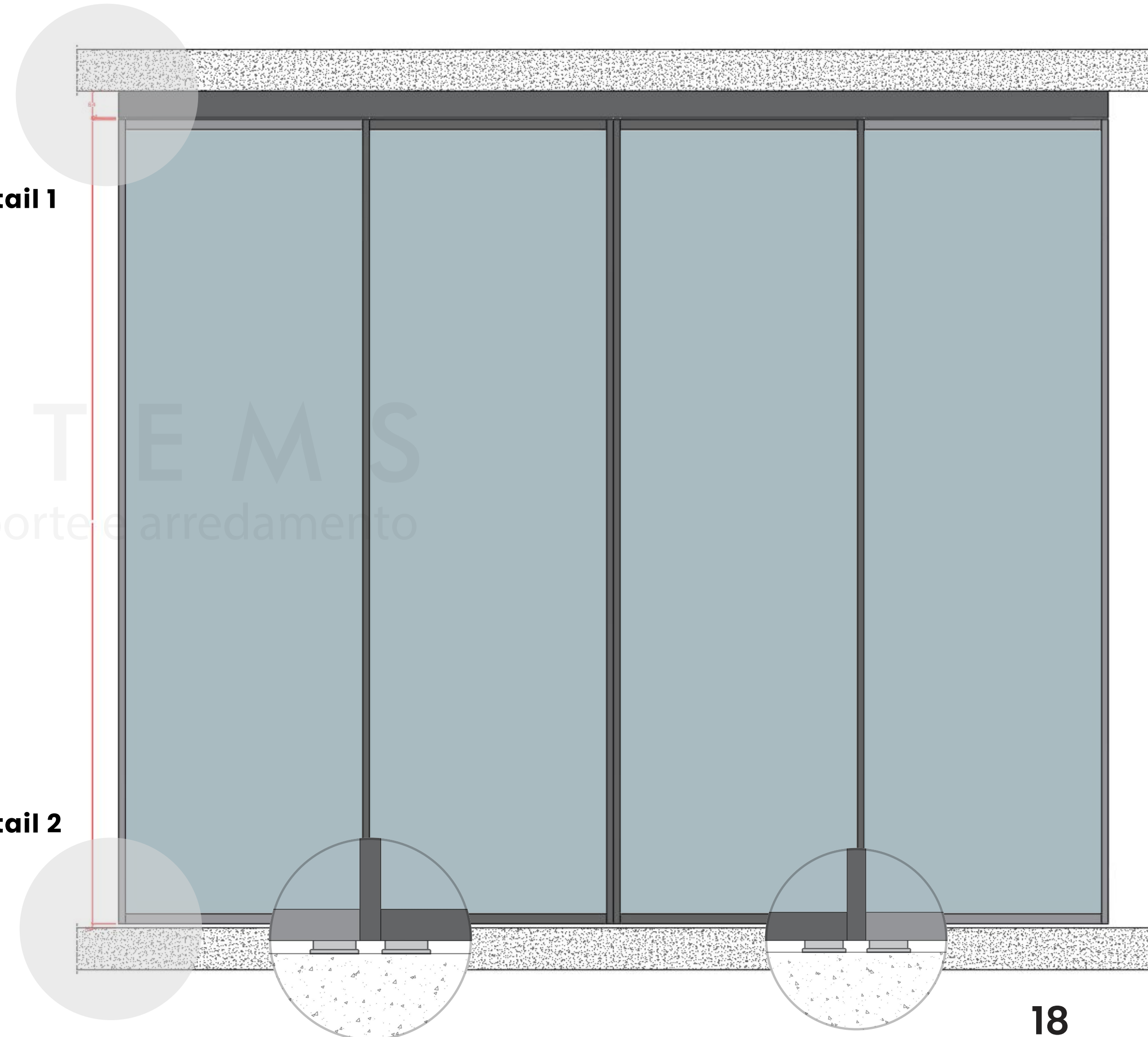
- **Detail 2 — Shutter / Floor Detail**

Connection between the door shutter and the floor base.



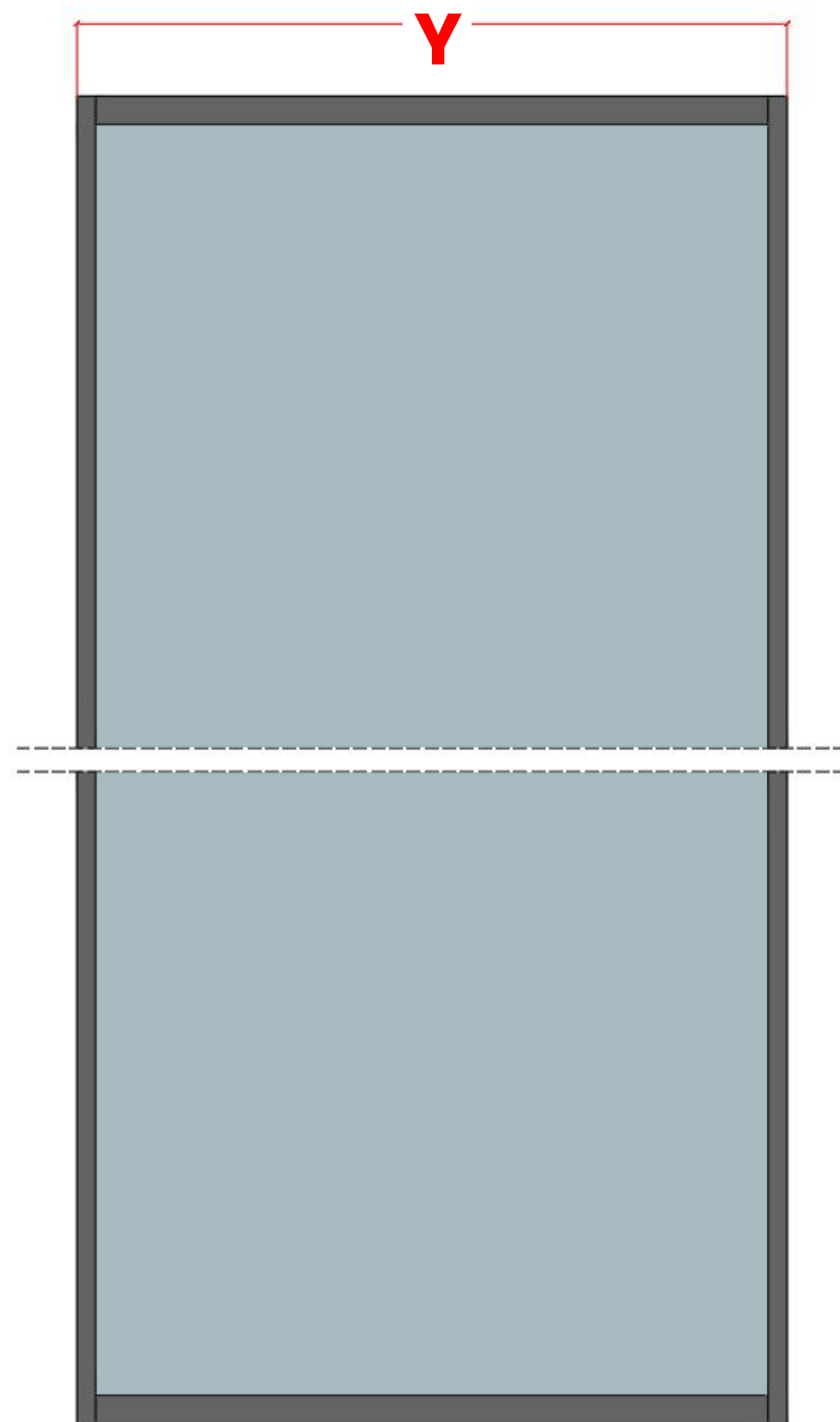
Detail 1

Detail 2

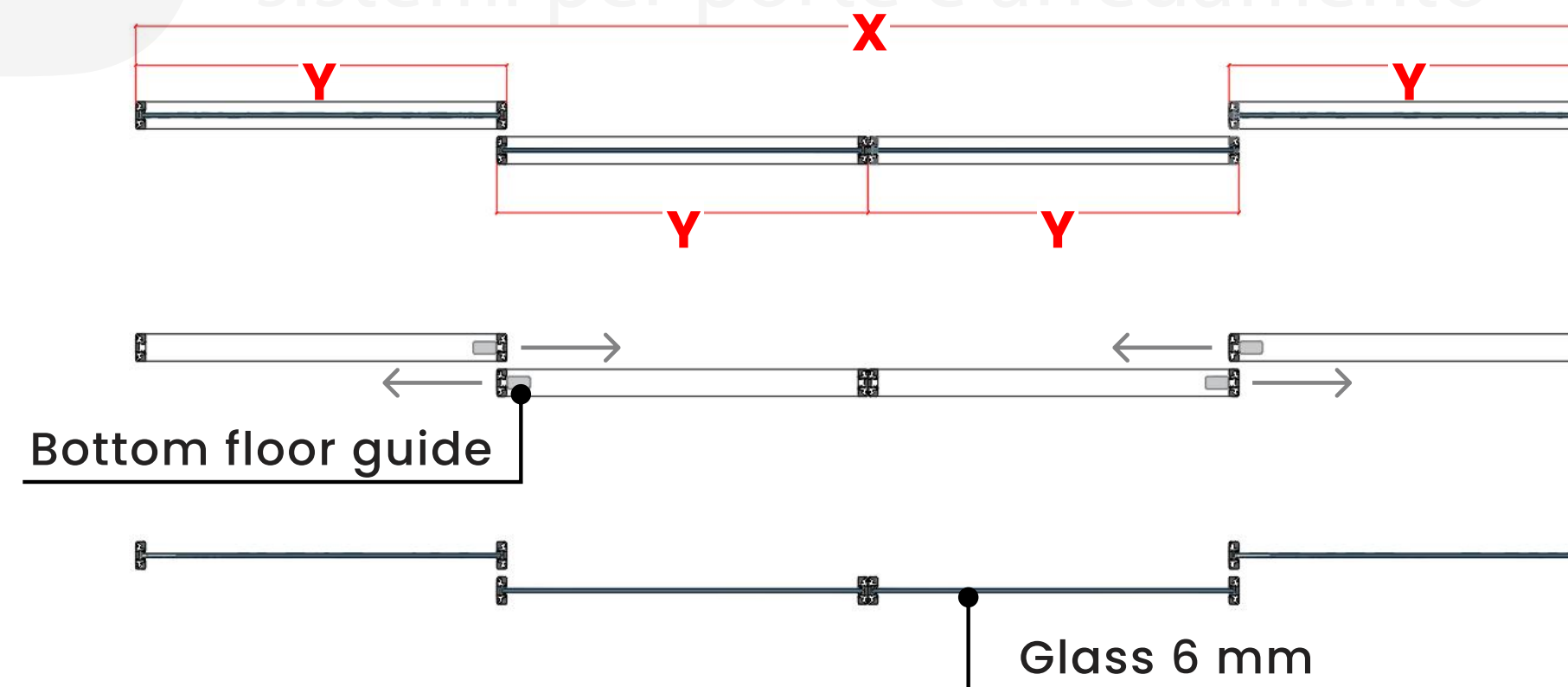


SYSTEM INSTALLATION

4-Door System



- **Elevation View — Door Shutter**
Front view showing the door shutter height and configuration.



- **Plan View — Door Shutter**
Top view showing the door shutter dimensions and alignment.

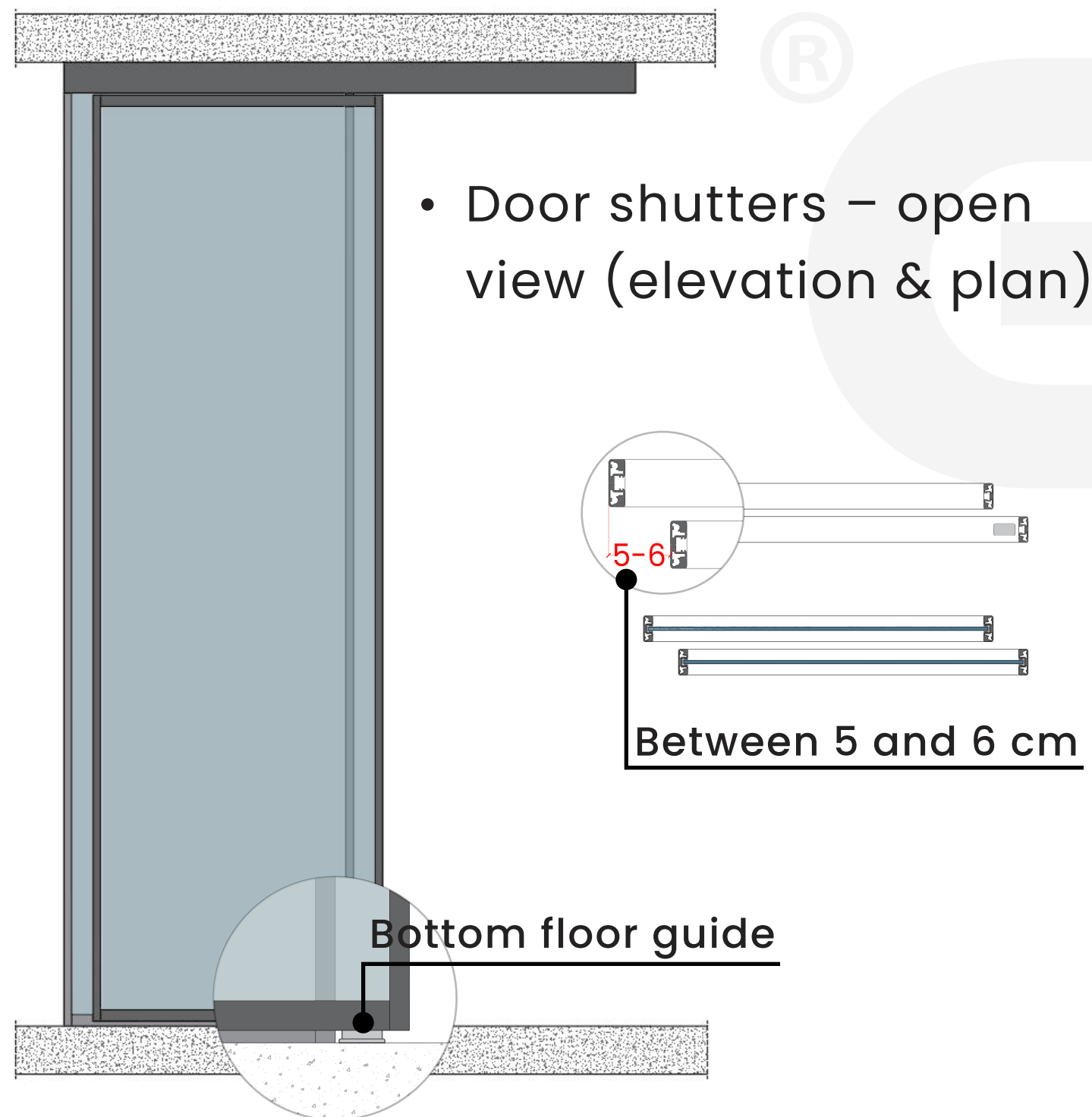
X= vide

$$Y = (X + 3.2) \div 4$$

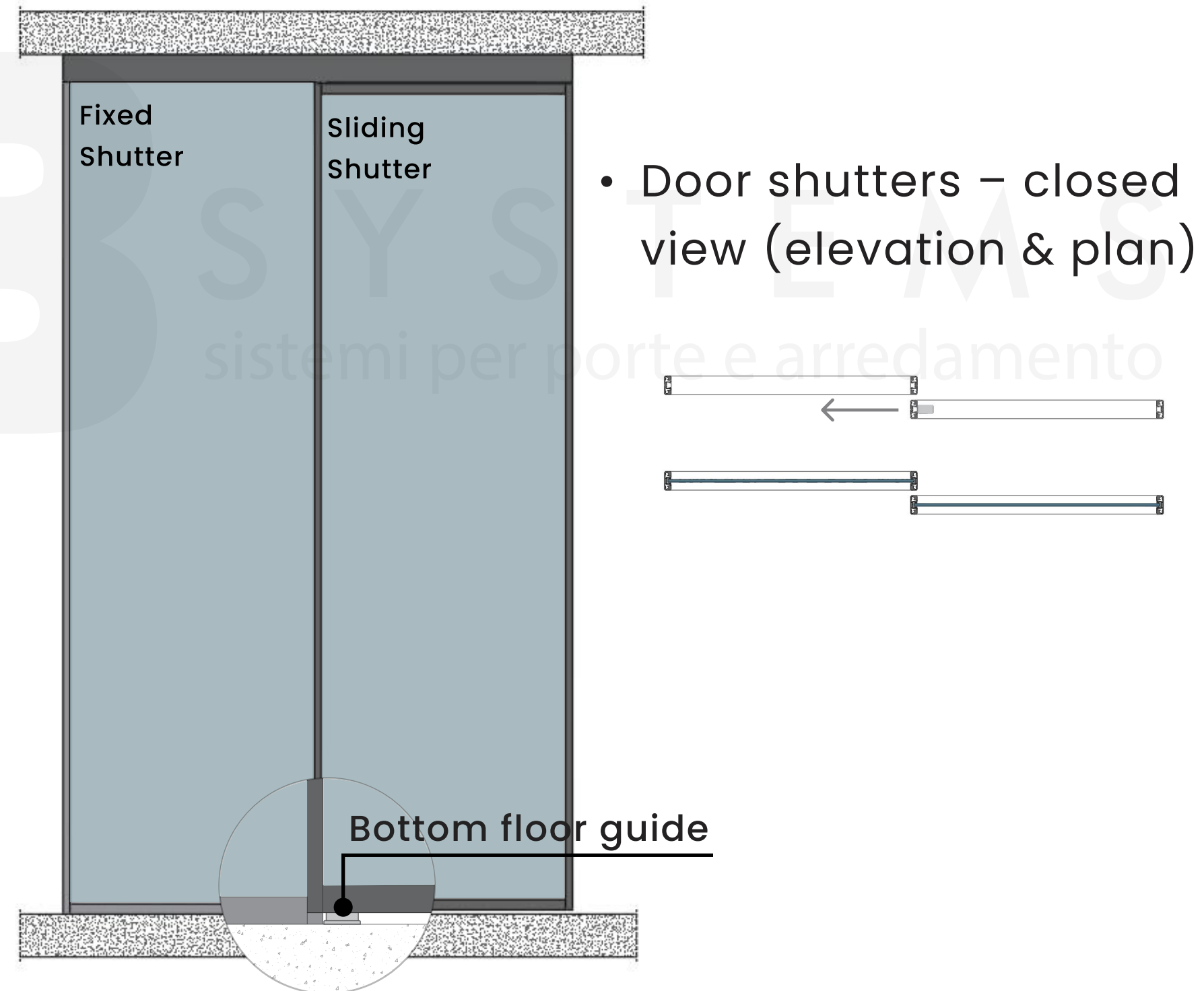
SYSTEM INSTALLATION

Fixed and Sliding System

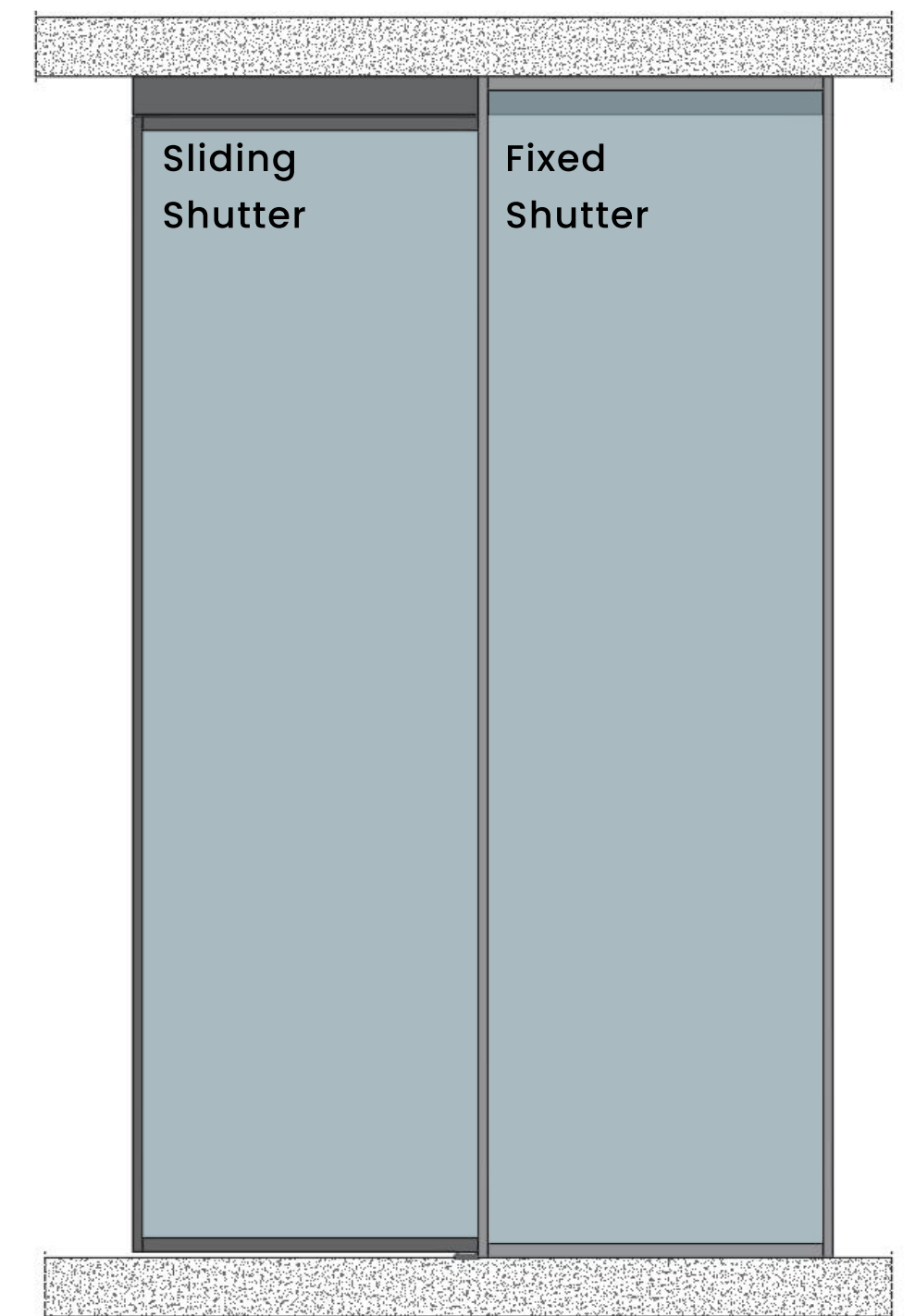
Open Shutter



Elevation



Back View

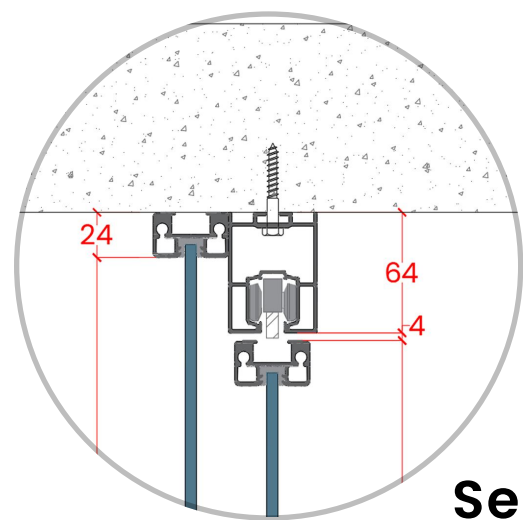


SYSTEM INSTALLATION

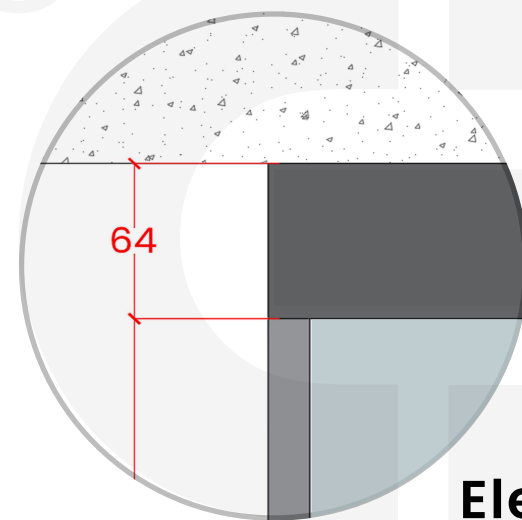
Fixed and Sliding System

- **Detail 1 — Shutter / Track Detail**

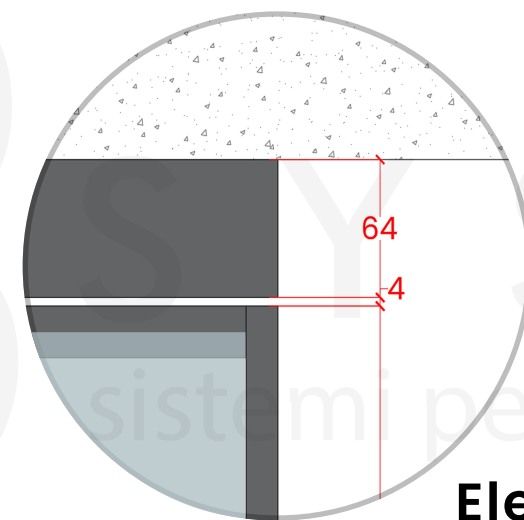
Connection between the door shutter and the upper track.



Section



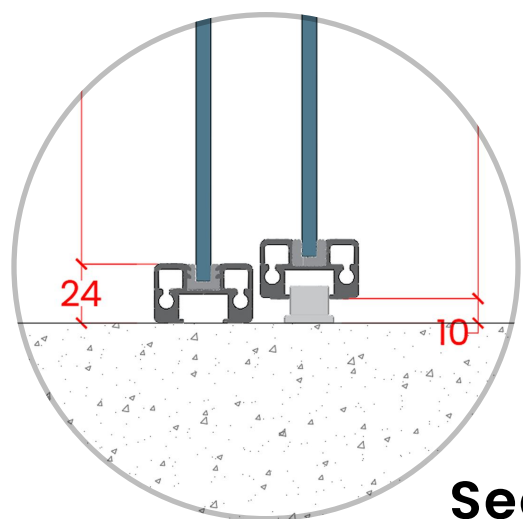
Elevation



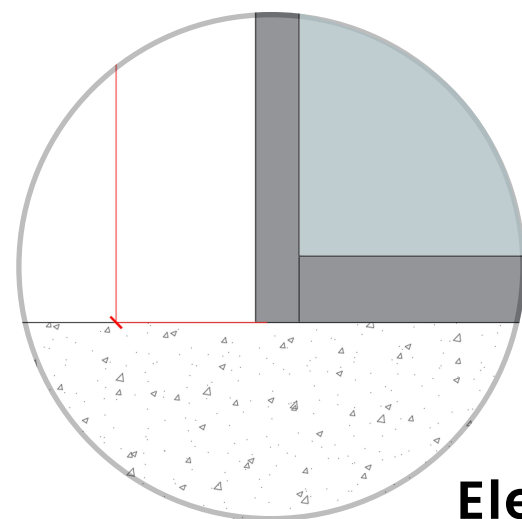
Elevation

- **Detail 2 — Shutter / Floor Detail**

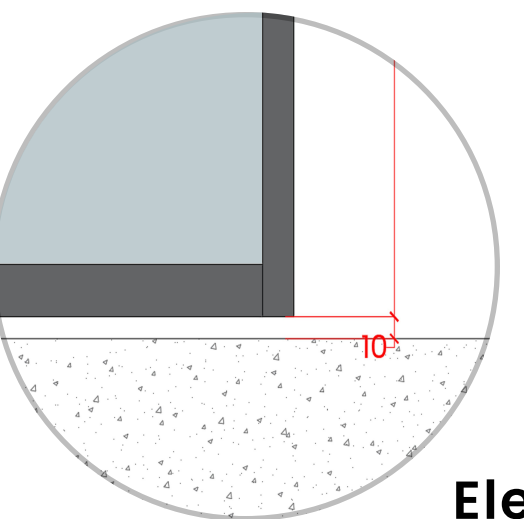
Connection between the door shutter and the floor base.



Section



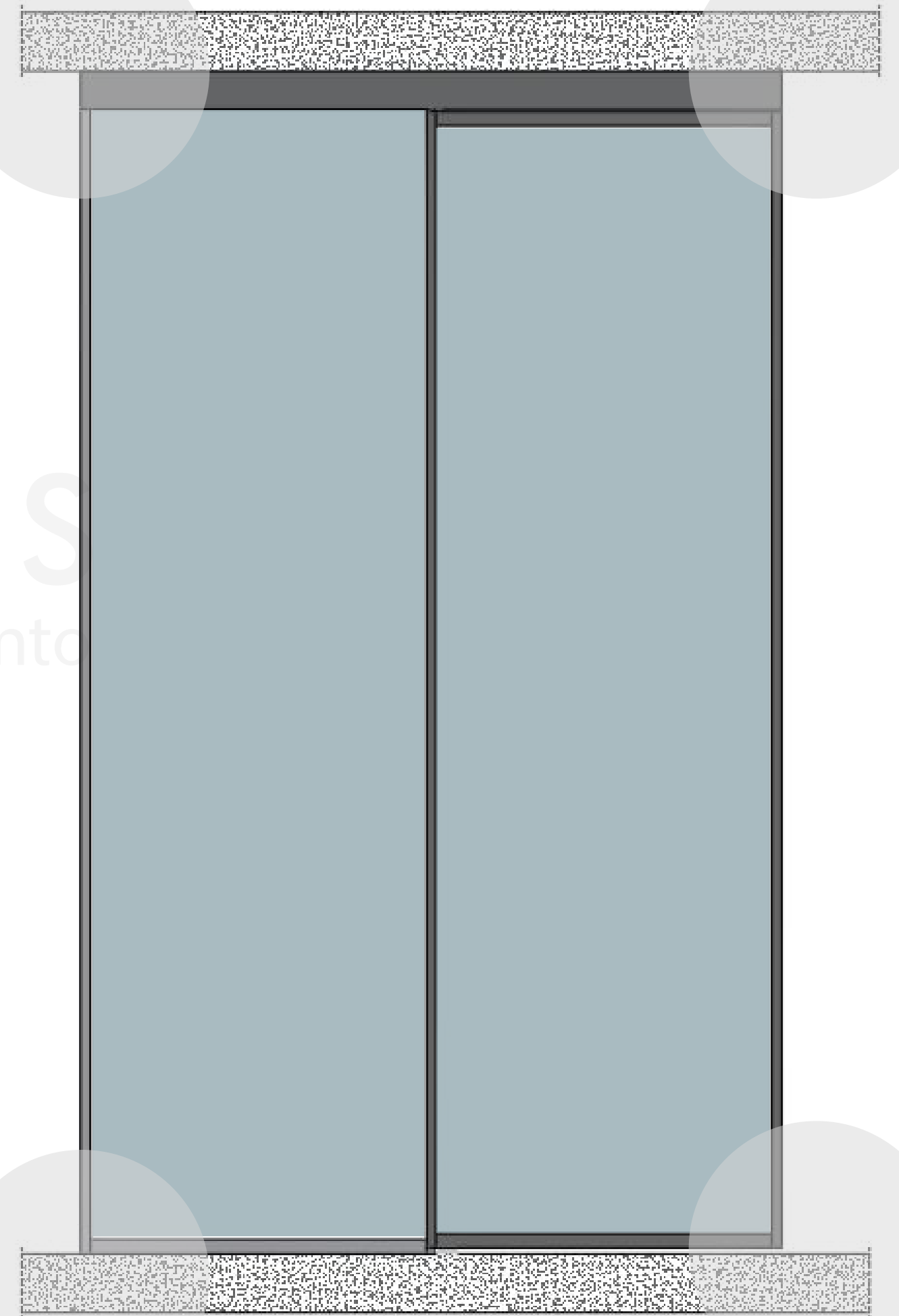
Elevation



Elevation

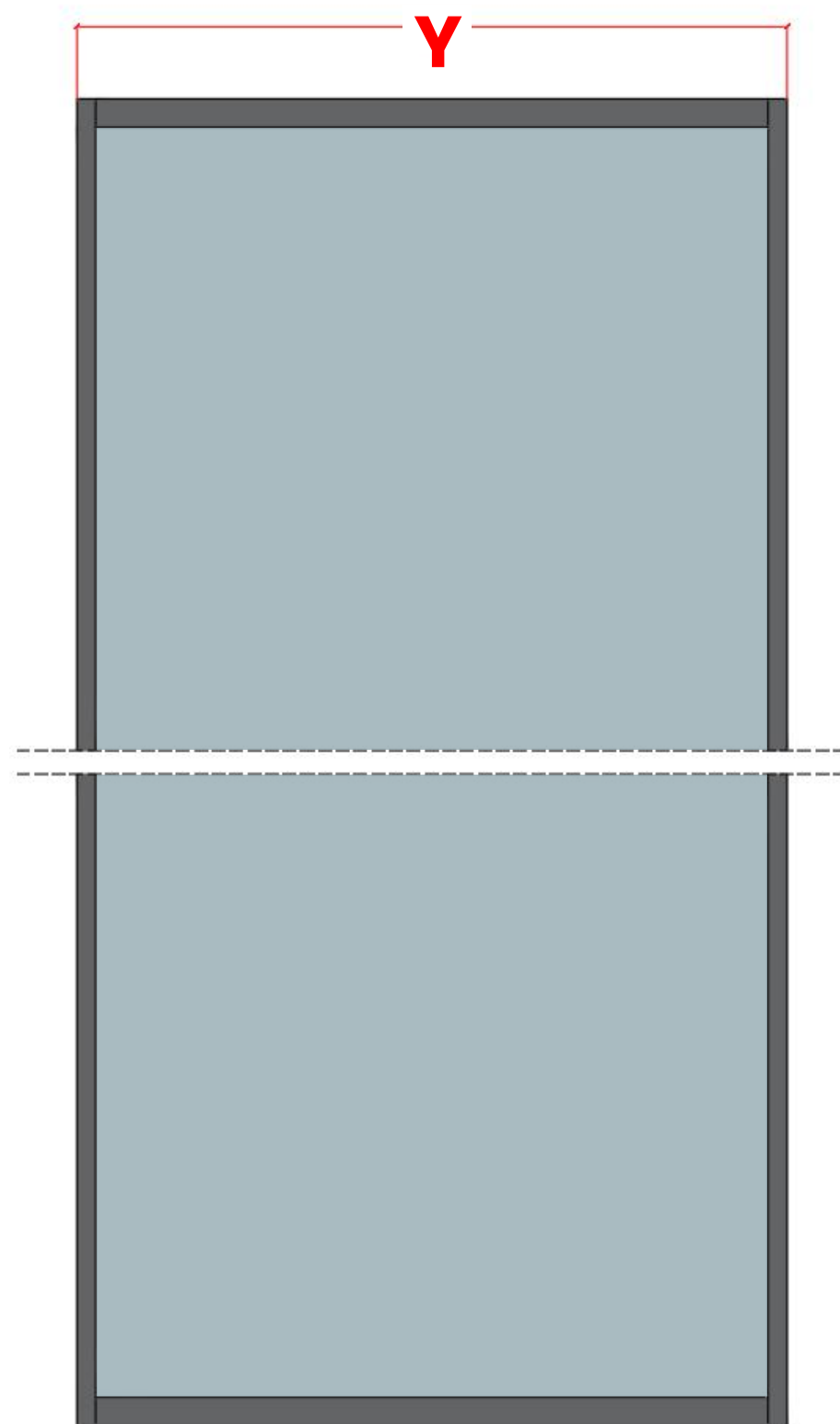
Detail 1

Detail 2

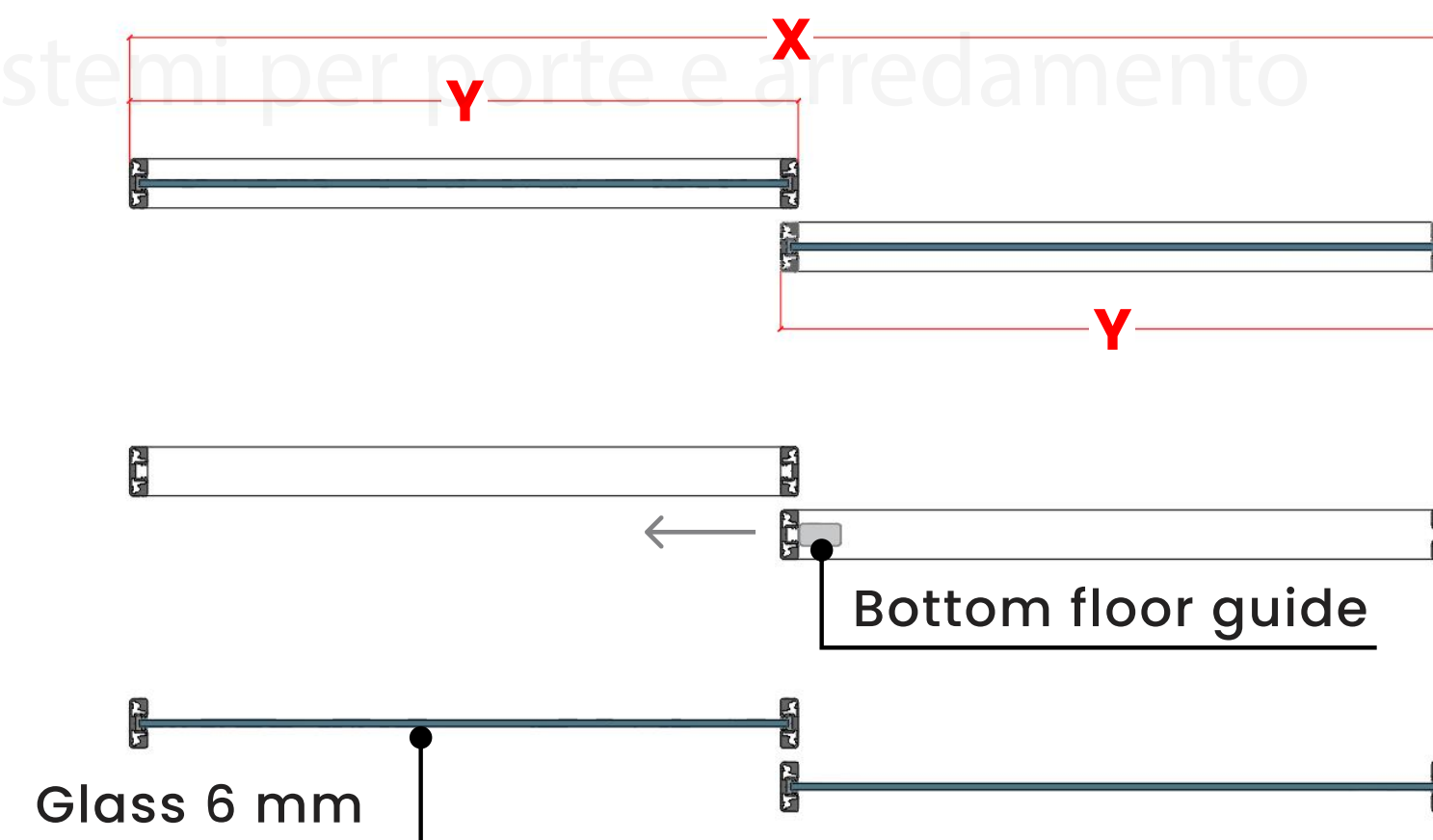


SYSTEM INSTALLATION

Fixed and Sliding System



- **Elevation View — Door Shutter**
Front view showing the door shutter height and configuration.



- **Plan View — Door Shutter**
Top view showing the door shutter dimensions and alignment.

X = vide

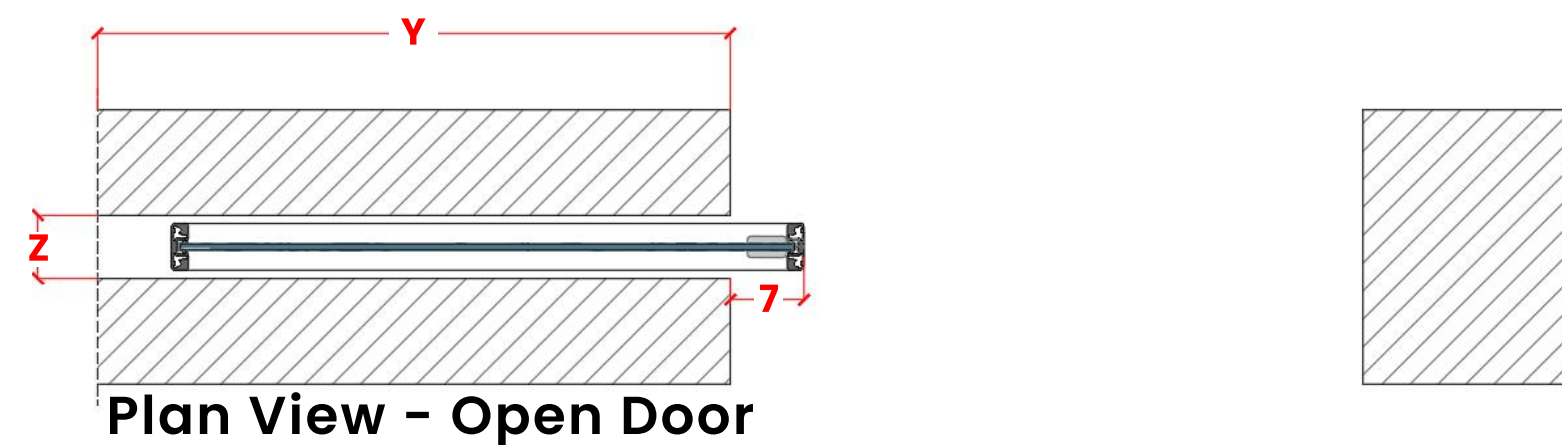
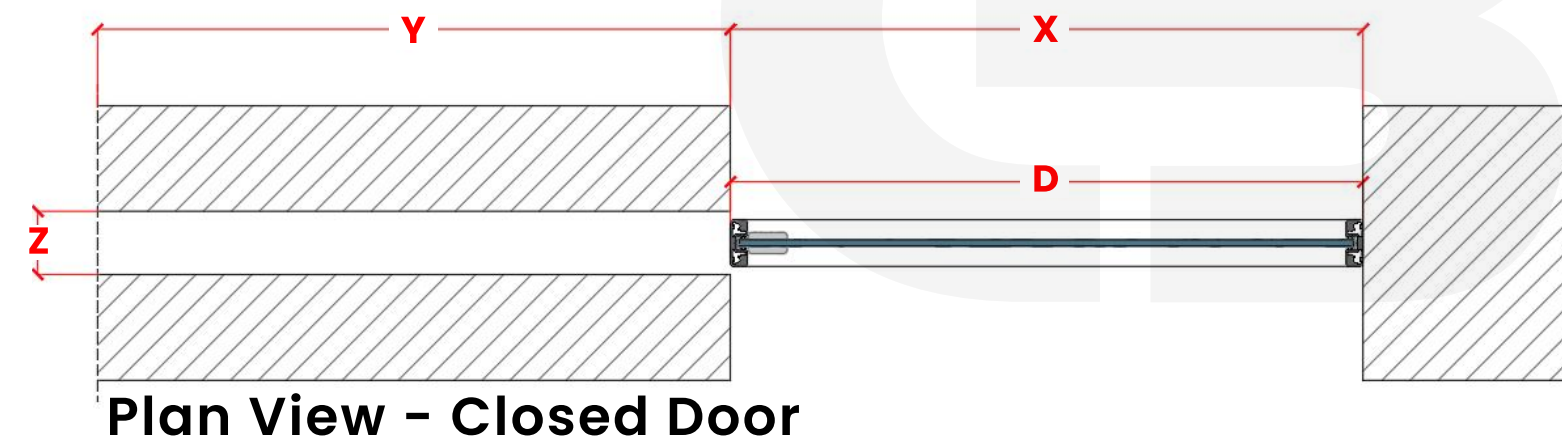
$$Y = (X + 1.6) \div 2$$

SYSTEM INSTALLATION

Hidden Single Door System

Option 1 – Visible Profiles When Closed

- When closed, both vertical aluminium profiles remain visible.
- When open, about 7 cm of the door stays outside the wall due to the floor guide

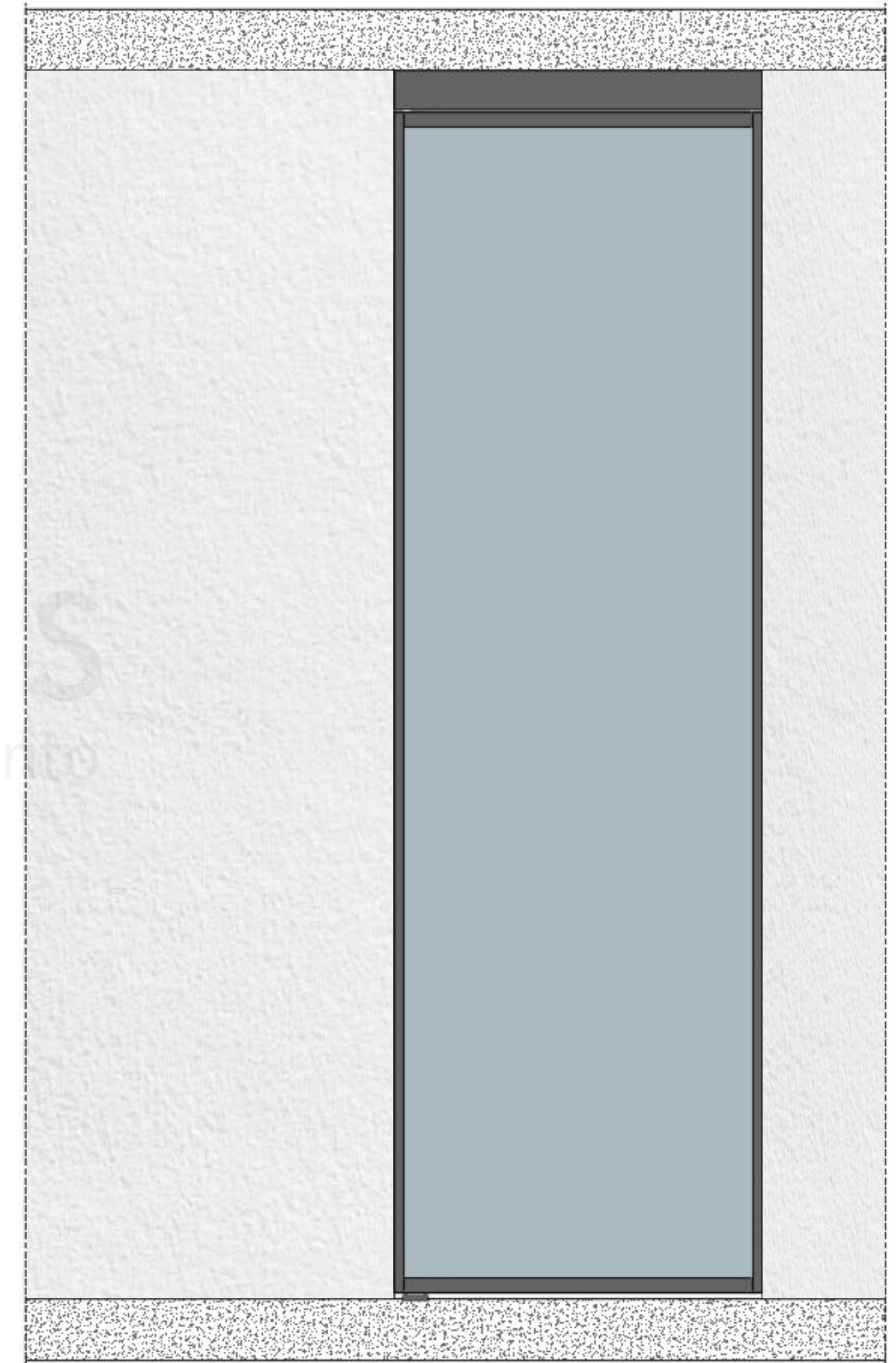


X= Door Opening Width

Y= minimum $X - 7$ cm

Z= minimum 5 cm

D= door shutter = x



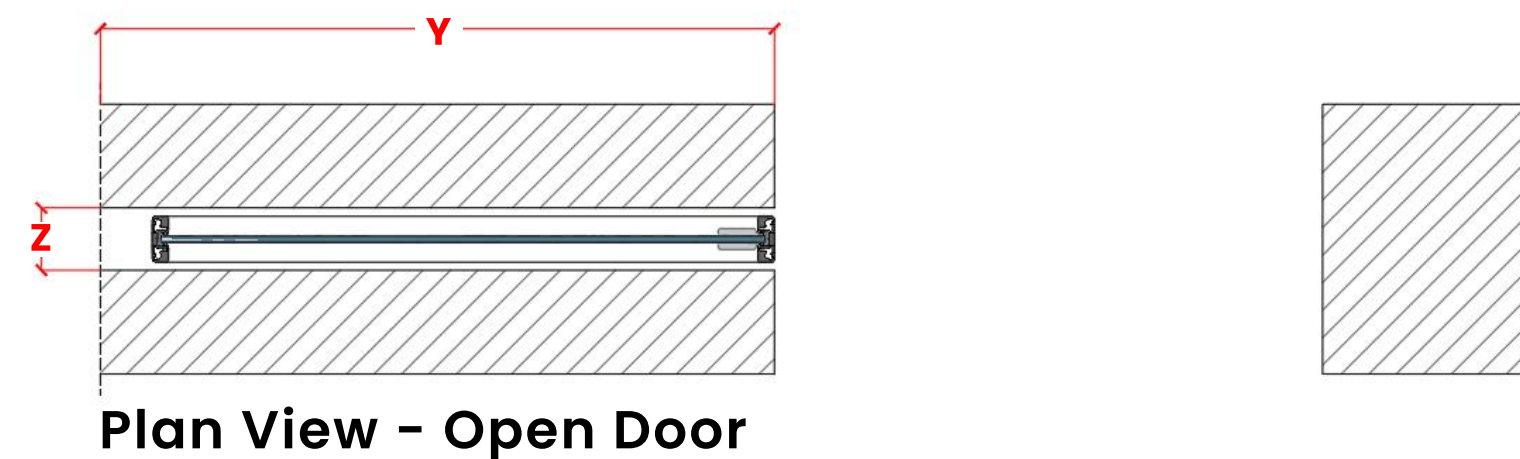
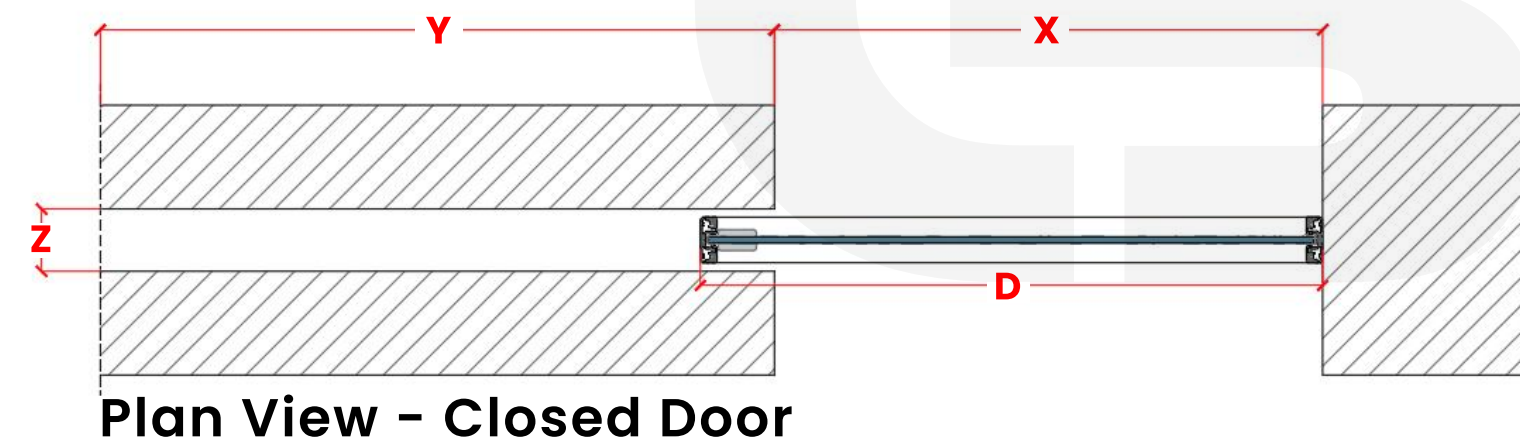
Elevation - Closed Door

SYSTEM INSTALLATION

Hidden Single Door System

Option 2 – Concealed Profile When Closed

- When closed, one vertical aluminium profile is hidden behind the wall (about 7 cm).
- When open, the door slides fully into the wall for complete concealment.

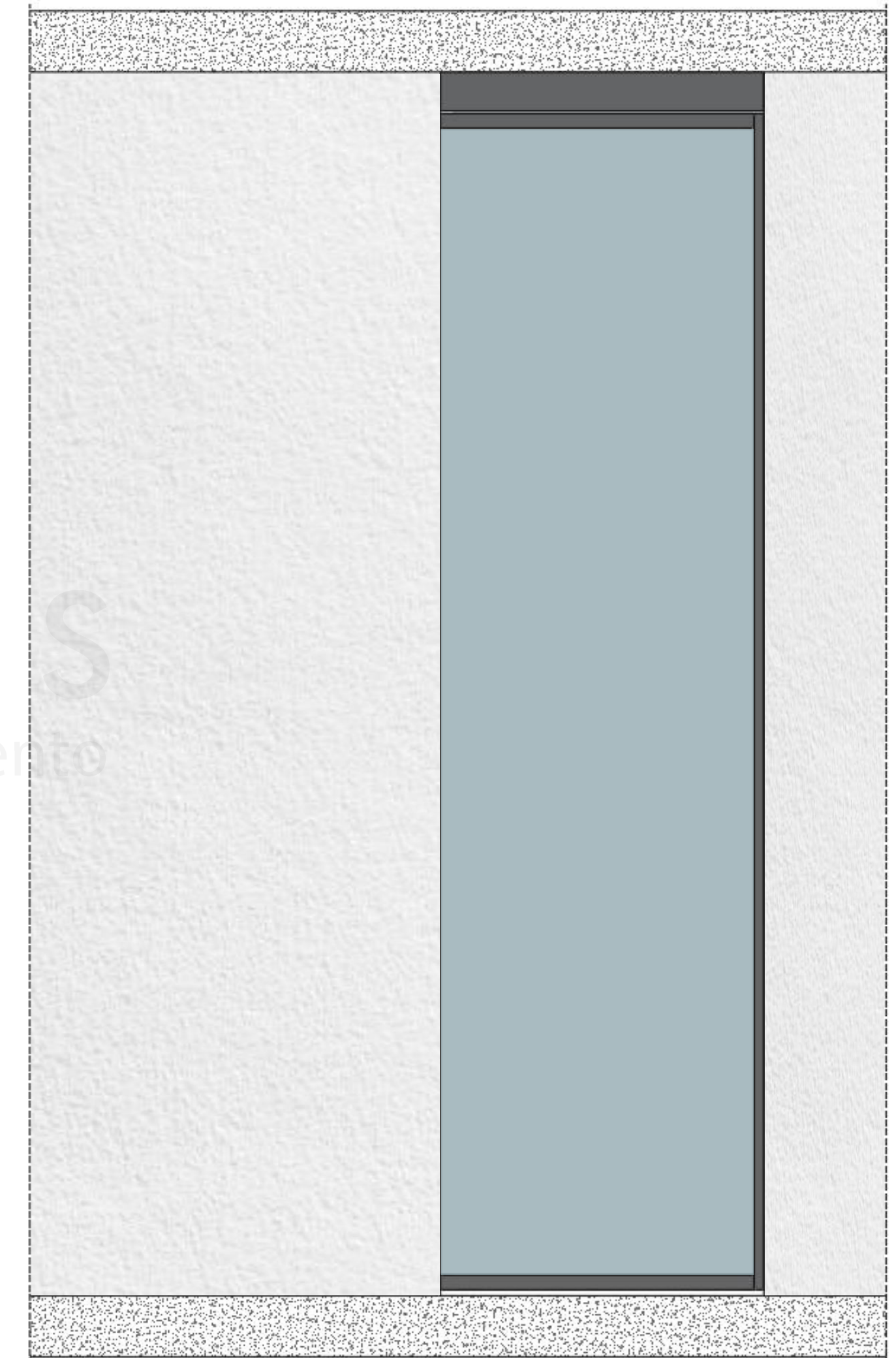


X = Door Opening Width

Y = minimum X

Z = minimum 5 cm

D = door shutter = $x+7$



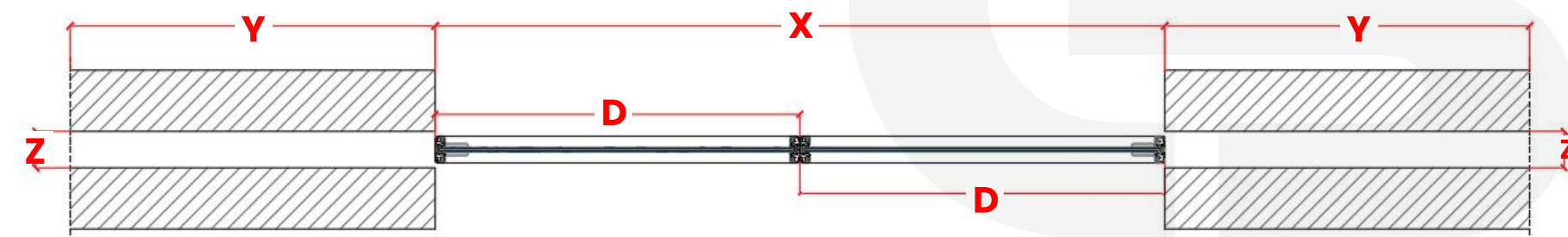
Elevation – Closed Door

SYSTEM INSTALLATION

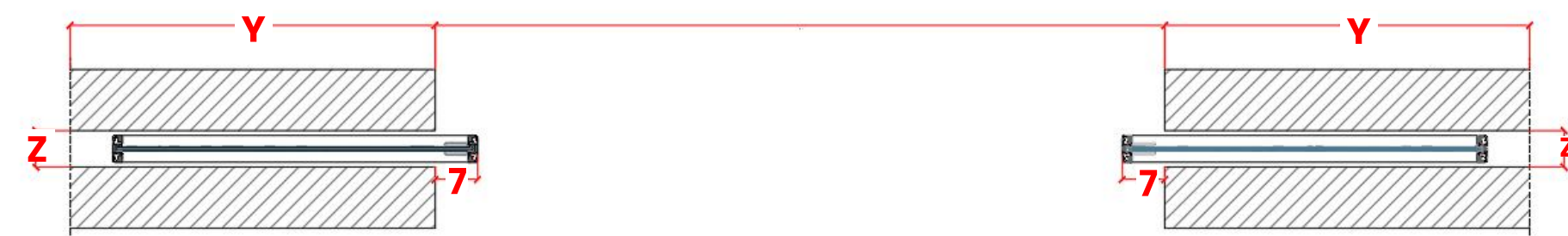
Hidden Double Door System

Option 1 – Visible Profiles When Closed

- When closed, both vertical aluminium profiles remain visible.
- When open, about 7 cm of the door stays outside the wall due to the floor guide



Plan View - Closed Door



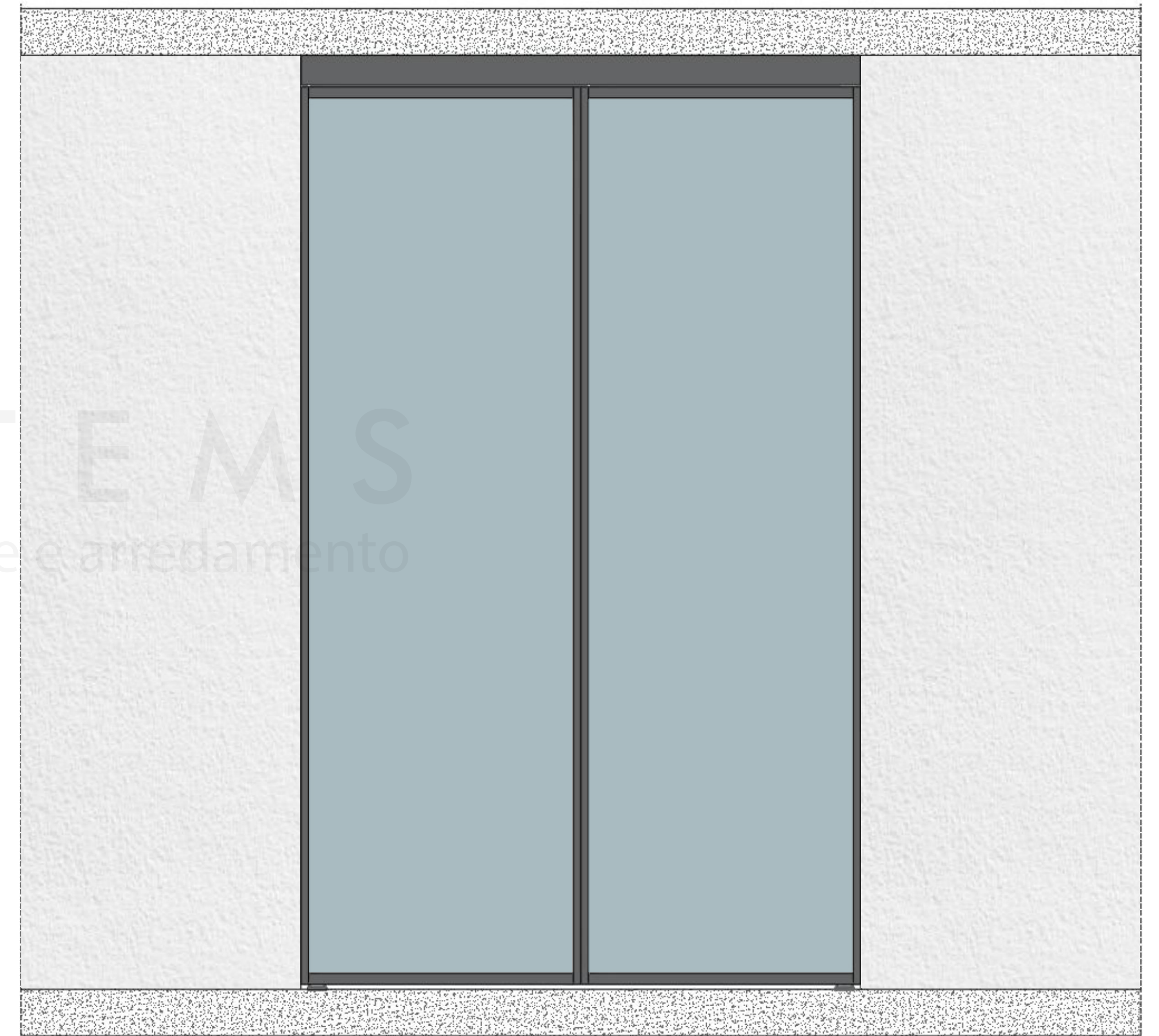
Plan View - Open Door

X= Door Opening Width

Y= minimum $D-7$

Z= minimum 5 cm

D= door shutter = $x \div 2$

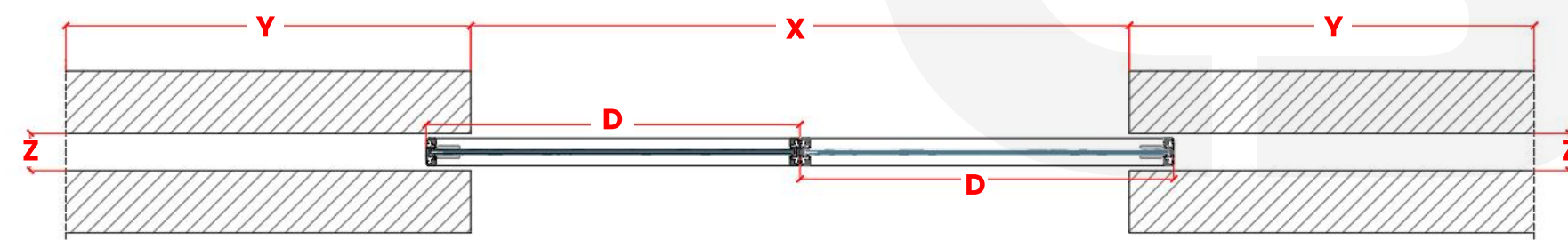


SYSTEM INSTALLATION

Hidden Double Door System

Option 2 – Concealed Profile When Closed

- When closed, one vertical aluminium profile is hidden behind the wall (about 7 cm).
- When open, the door slides fully into the wall for complete concealment.

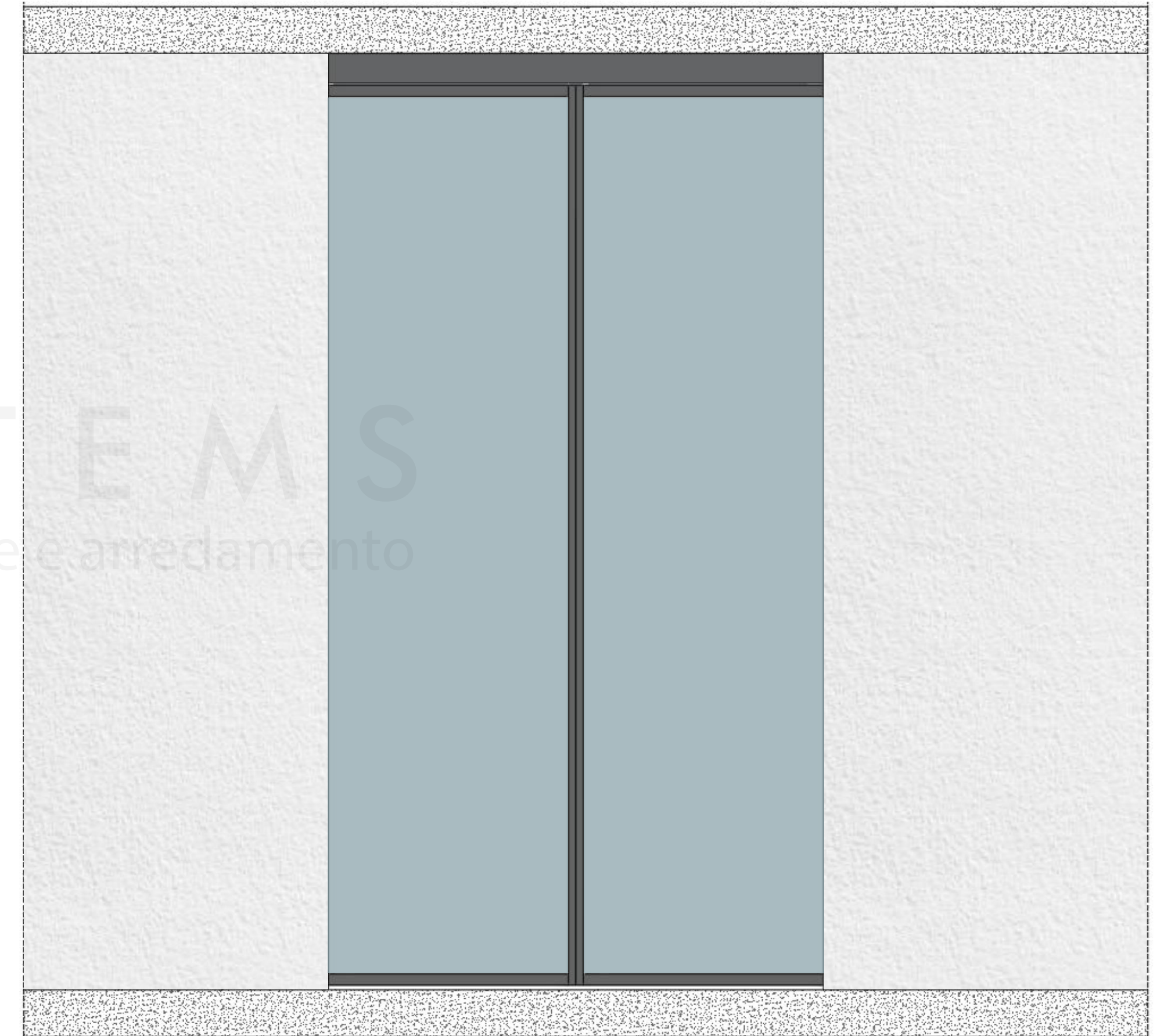


X= Door Opening Width

Y= minimum D

Z= minimum 5 cm

D= door shutter = $(X \div 2) + 7$

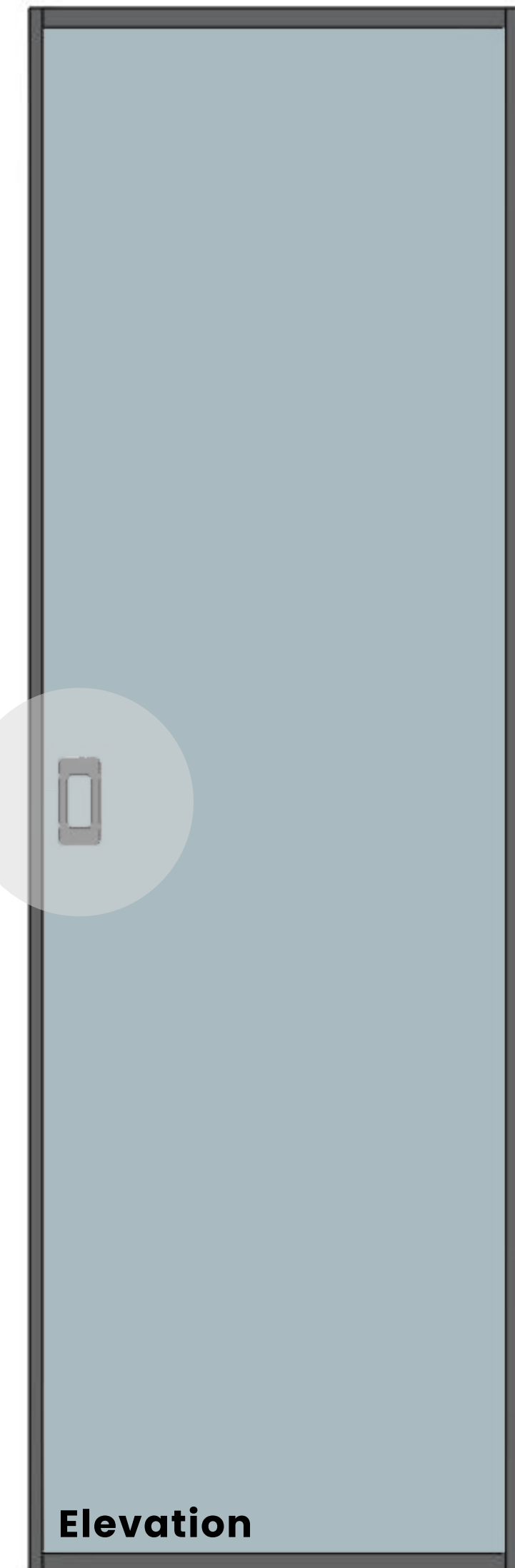
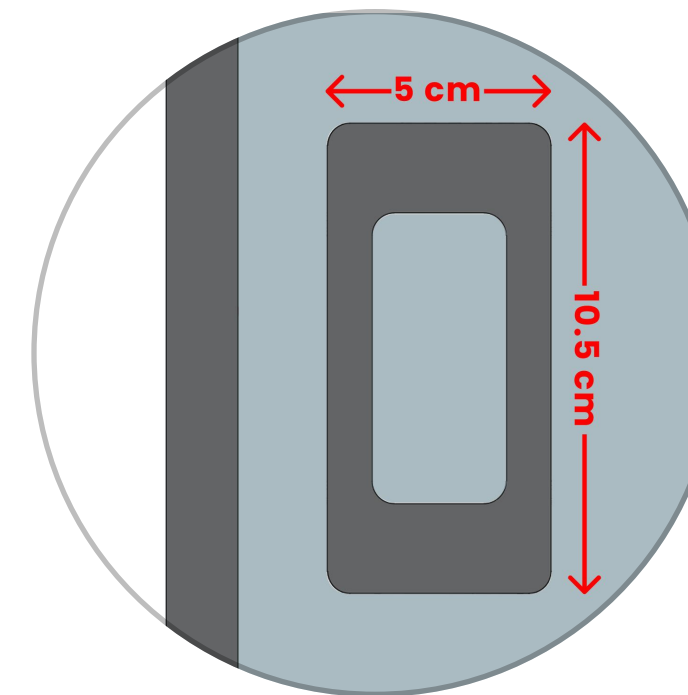
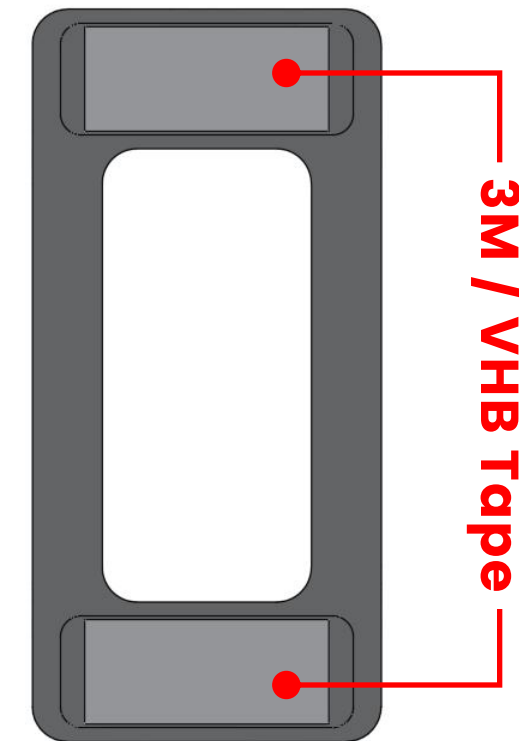
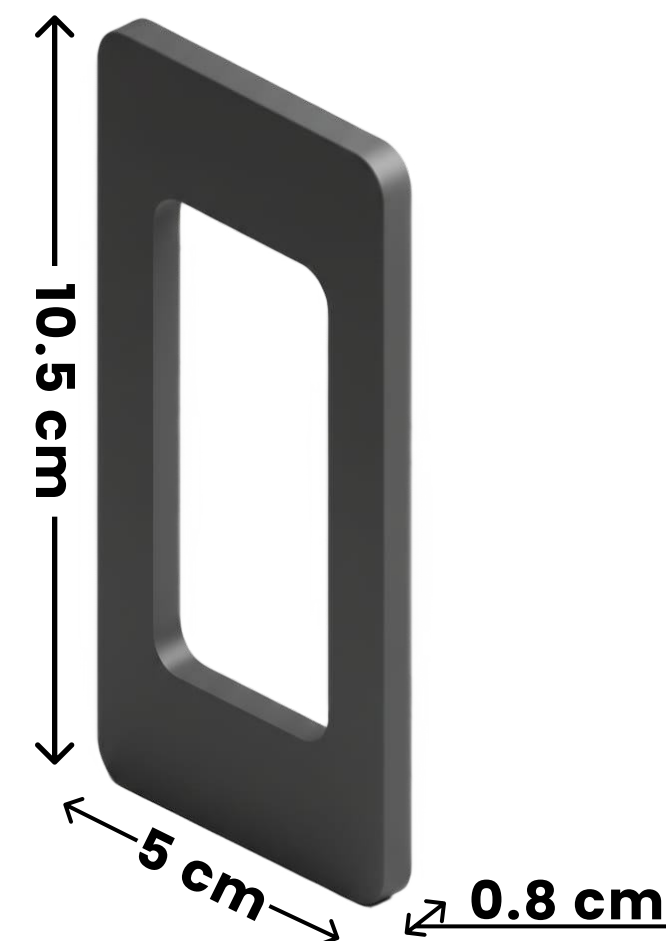


DOOR SHUTTERS

Door Handle

Adhesive Handle Set

- Supplied as a two-piece set (one per side), fixed to the glass using double-sided tape.
- A detailed dimensional view is provided for reference.



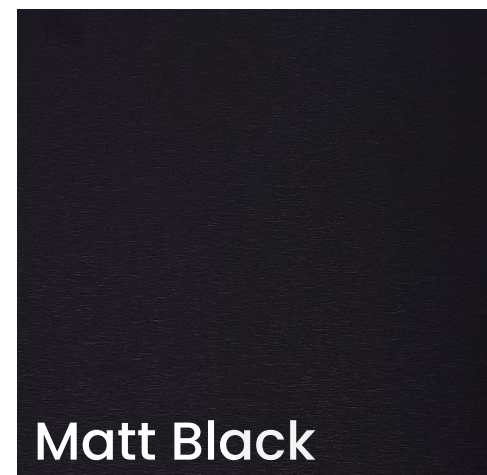
DOOR SHUTTERS

Colors and Glass Selections

- Color Options

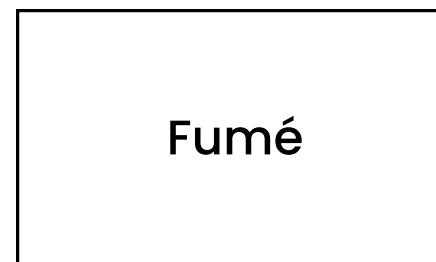


Anthracite

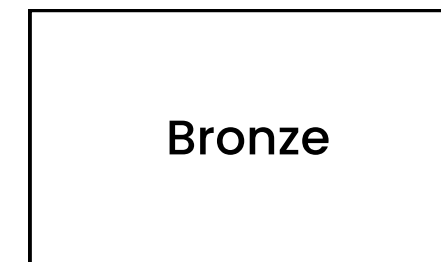


Matt Black

- Glass Options



Fumé



Bronze



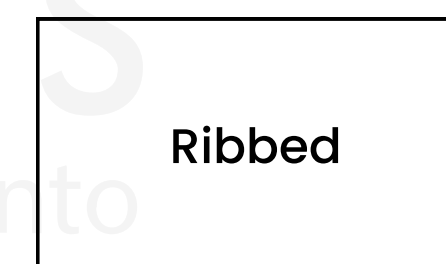
Clear



Reflective
Bronze



Reflective
Black



Ribbed

Note: Glass 6 mm



| Doors

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