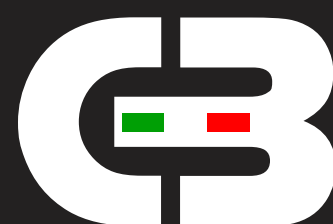




ATHALIUM

Elevating Spaces with Italian Precision

DOORS



SYSTEMS
sistemi per porte e arredamento

SYNCHRONIZED SLIDING DOOR

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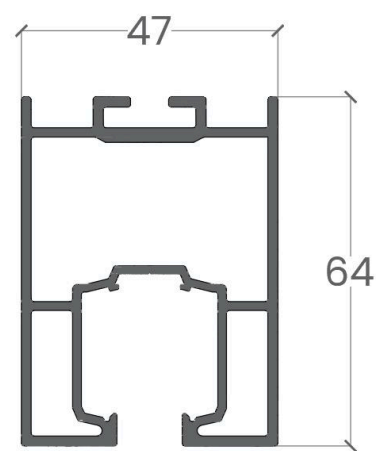
INTRODUCTION

The CB Doors catalogue showcases a range of telescopic 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 double, three-door, four-door and five-door combinations, along with hidden door options. Detailed plan, elevation, and section views with dimensions are provided to ensure precise design and installation.

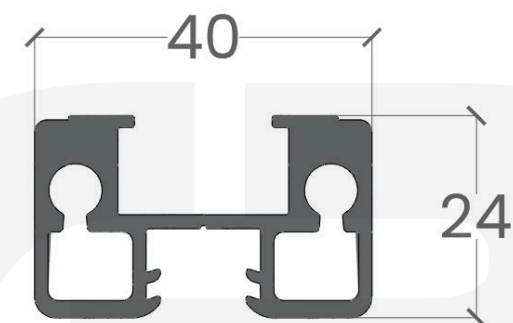


MATERIALS & TOOLS

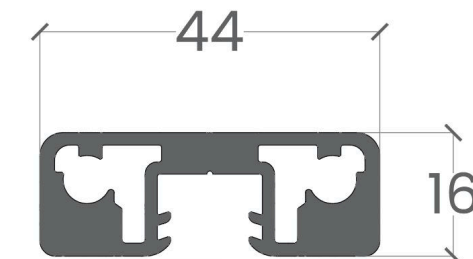
Main Components



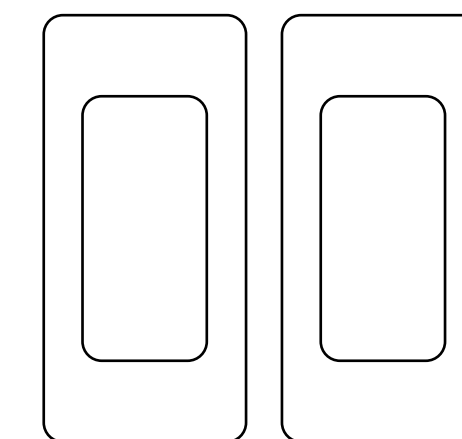
• Track



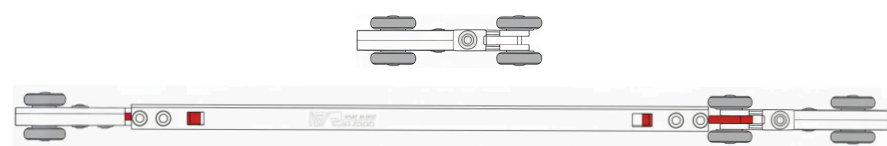
• Horizontal Profile



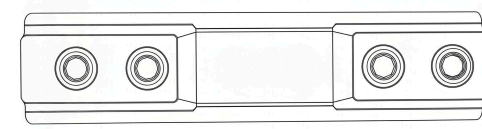
• Vertical Profile



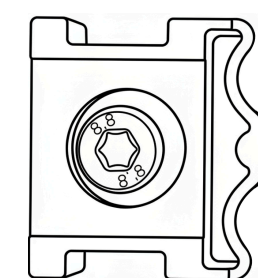
• Door Handle



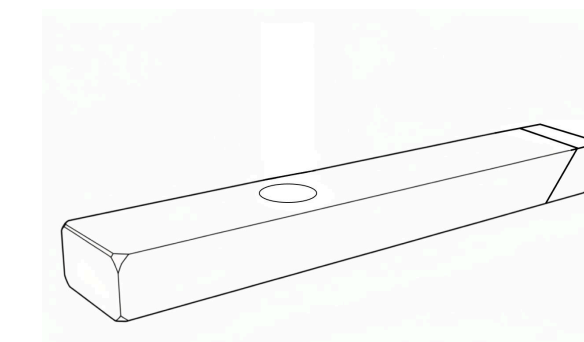
• Rollers



• Activators



• Sliding Stops



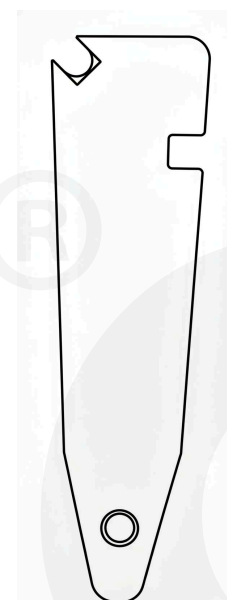
• Roller Bracket

MATERIALS & TOOLS

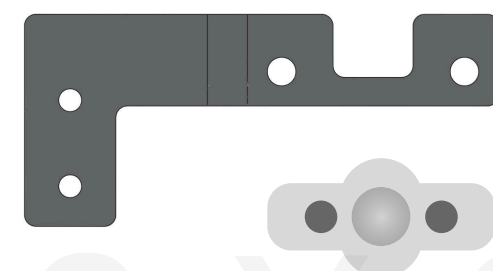
Main Components



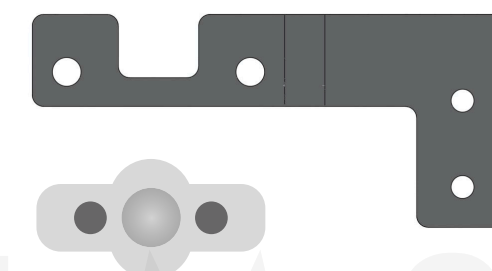
• Adjustment Screw



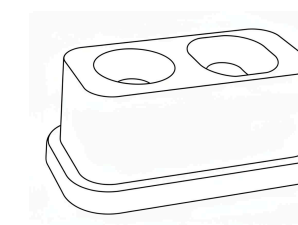
• Adjustment Key



• Left Connecting Pin



• Right Connecting Pin

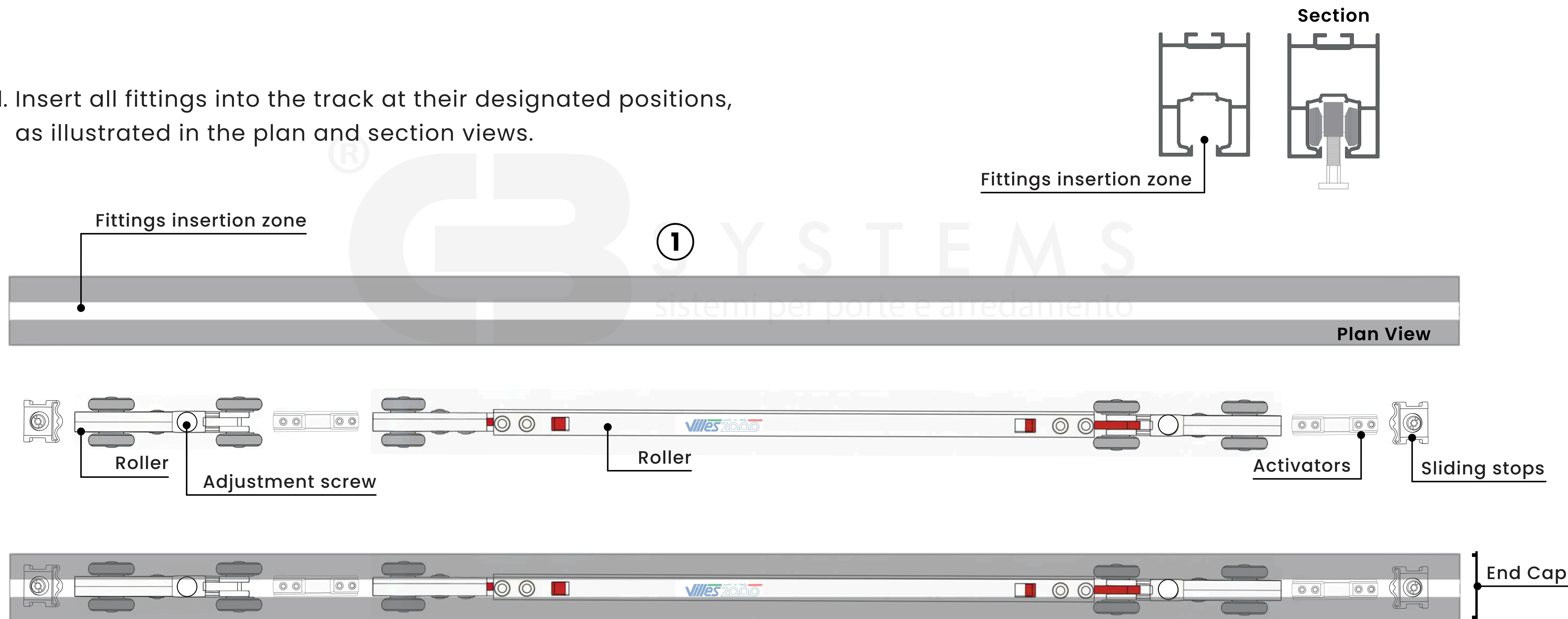


• Bottom Floor Guide

PROFILE-TRACK FIXING

Installation Steps

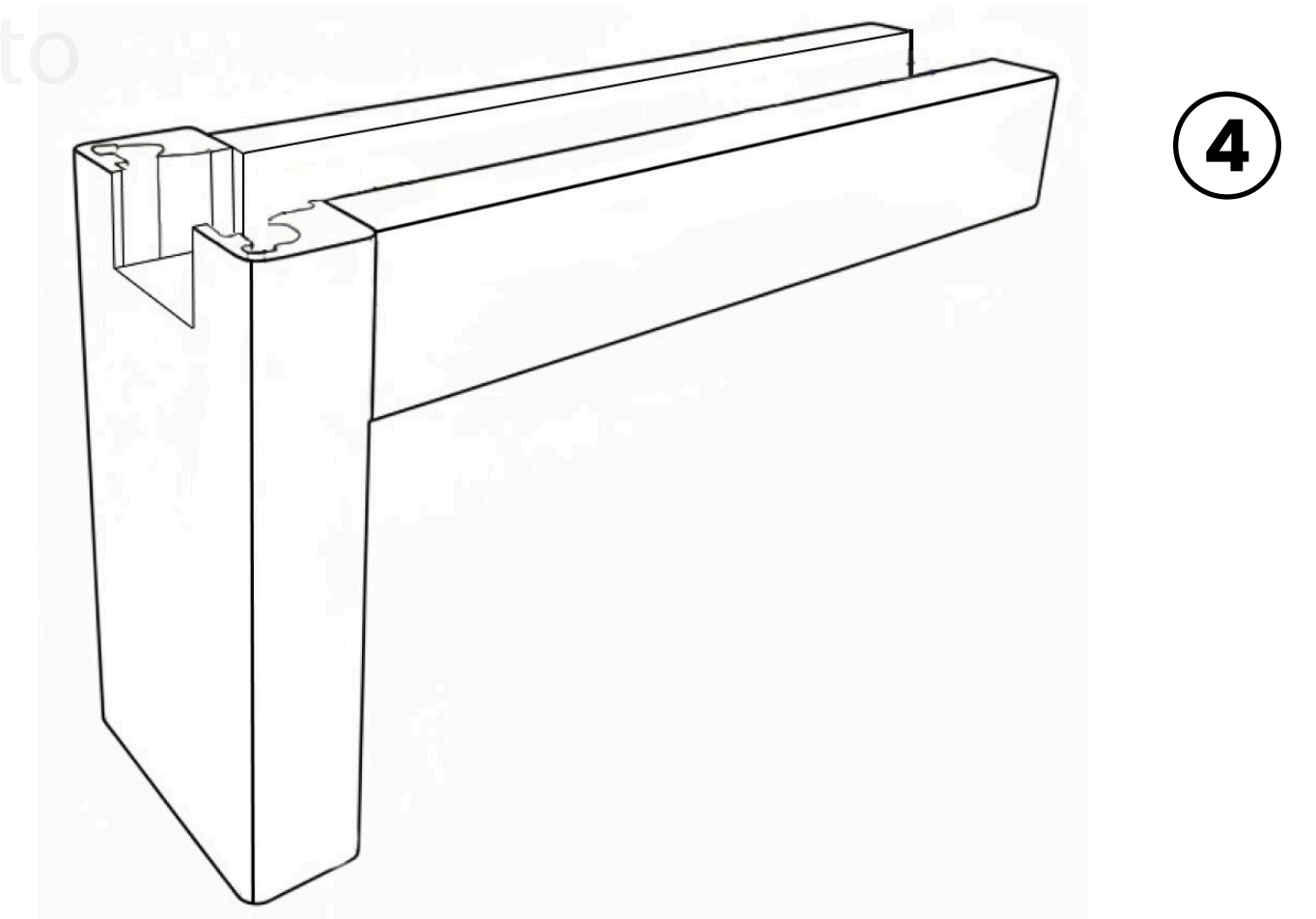
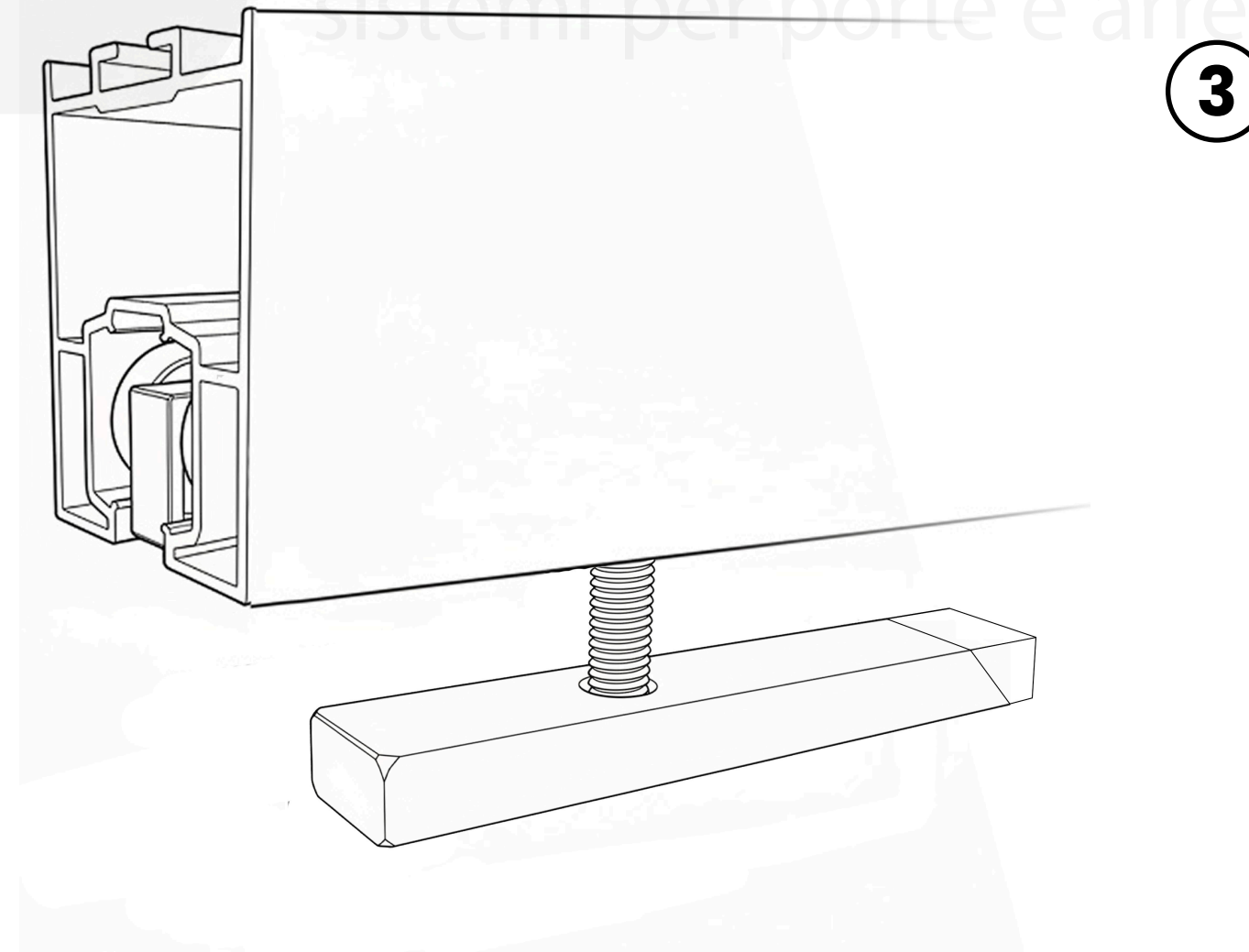
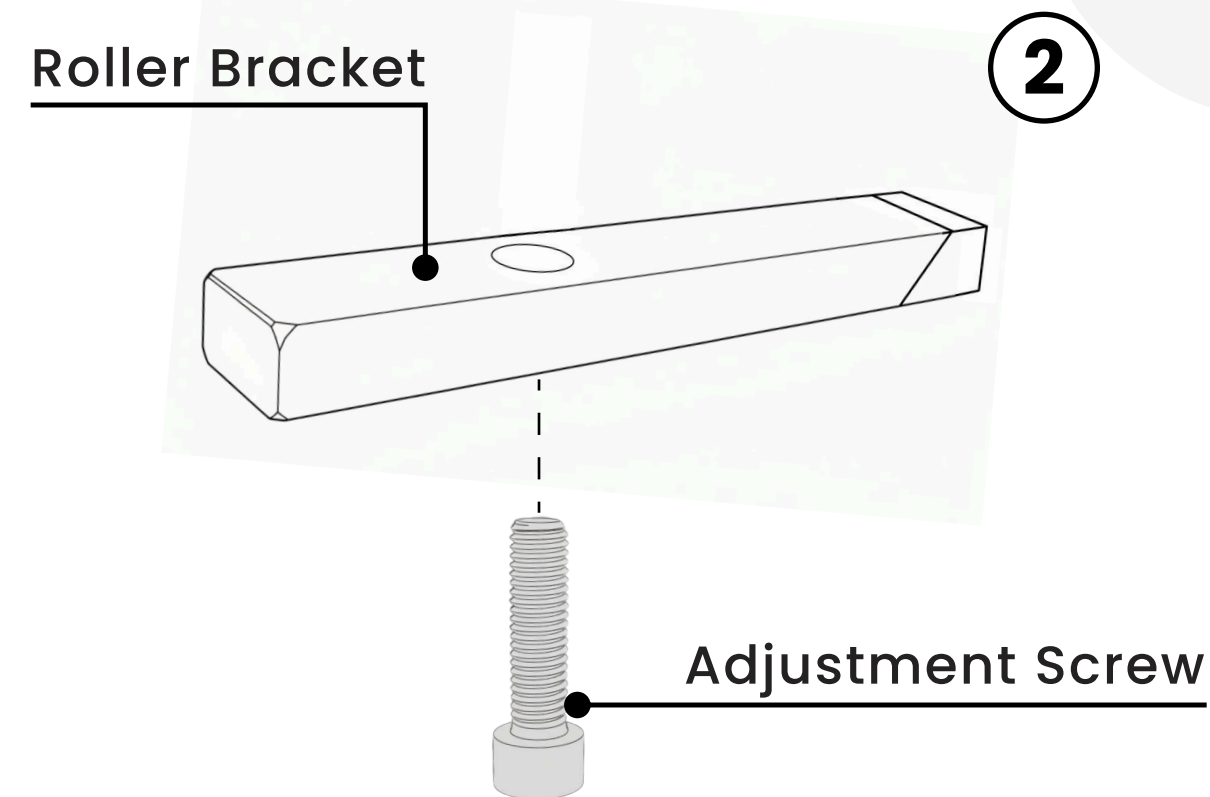
1. Insert all fittings into the track at their designated positions, as illustrated in the plan and section views.



PROFILE-TRACK FIXING

Installation Steps

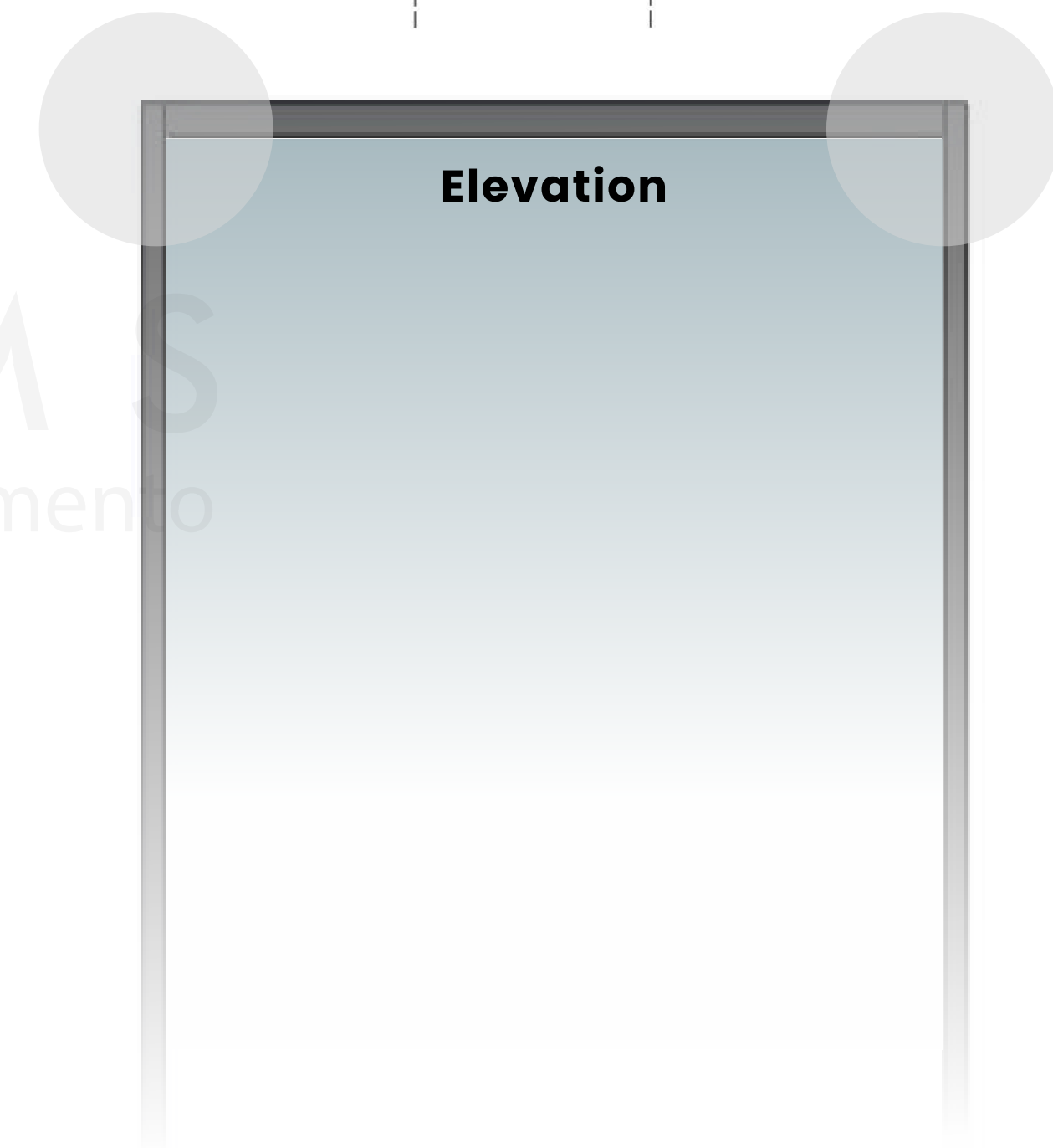
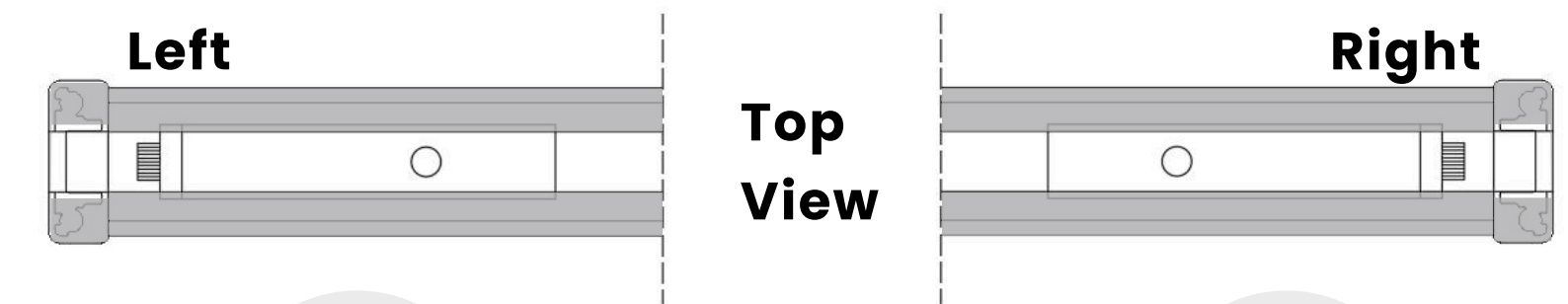
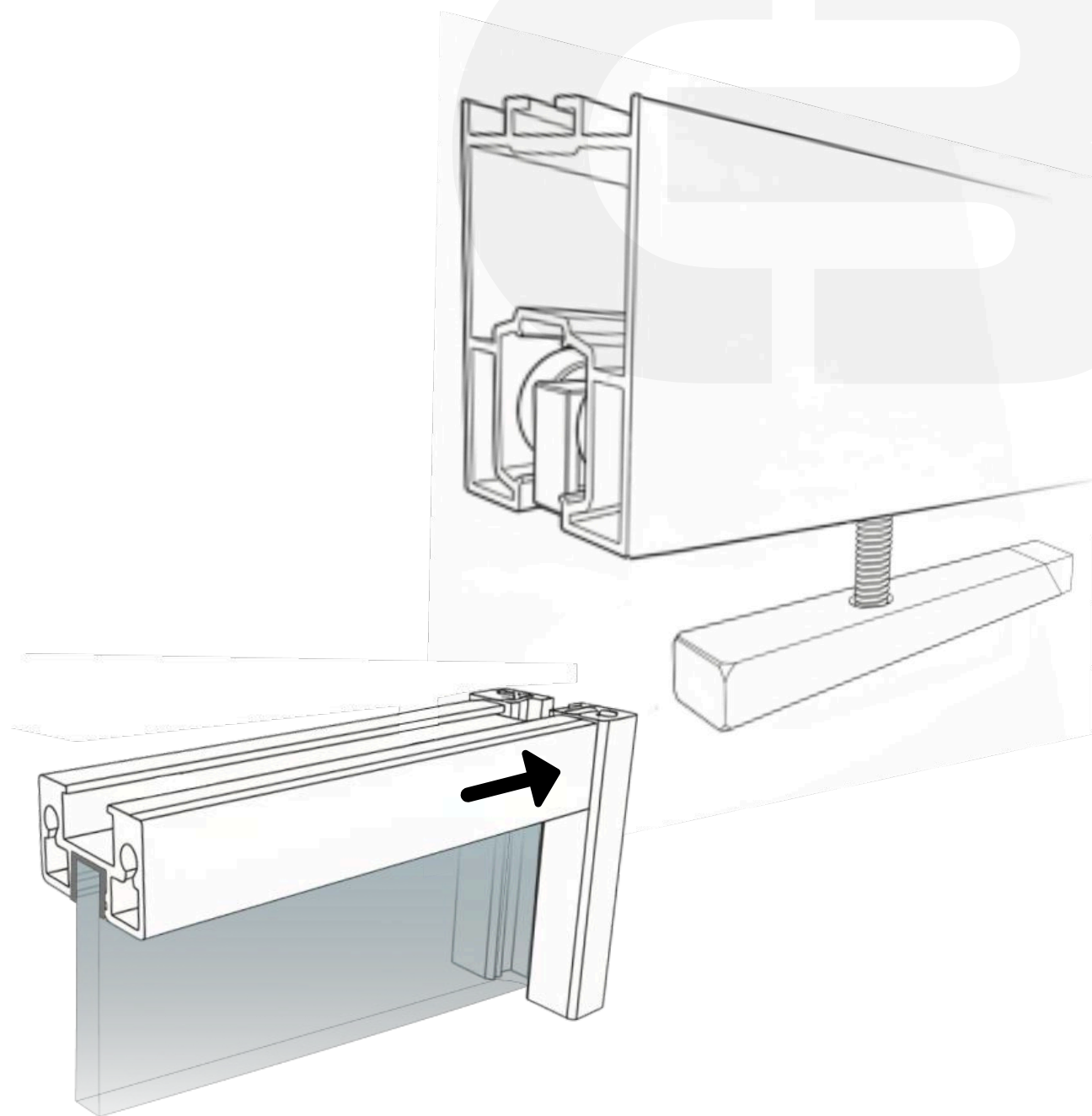
2. Insert the screw into the roller bracket.
3. Fix the screw with the roller bracket to the roller in the track.
4. Make a groove into the vertical profile of the door shutter on both sides.



PROFILE-TRACK FIXING

Installation Steps

5. Insert the door shutter into the roller brackets, ensuring the fixing screw faces the correct directions (right or left) according to the installation side.



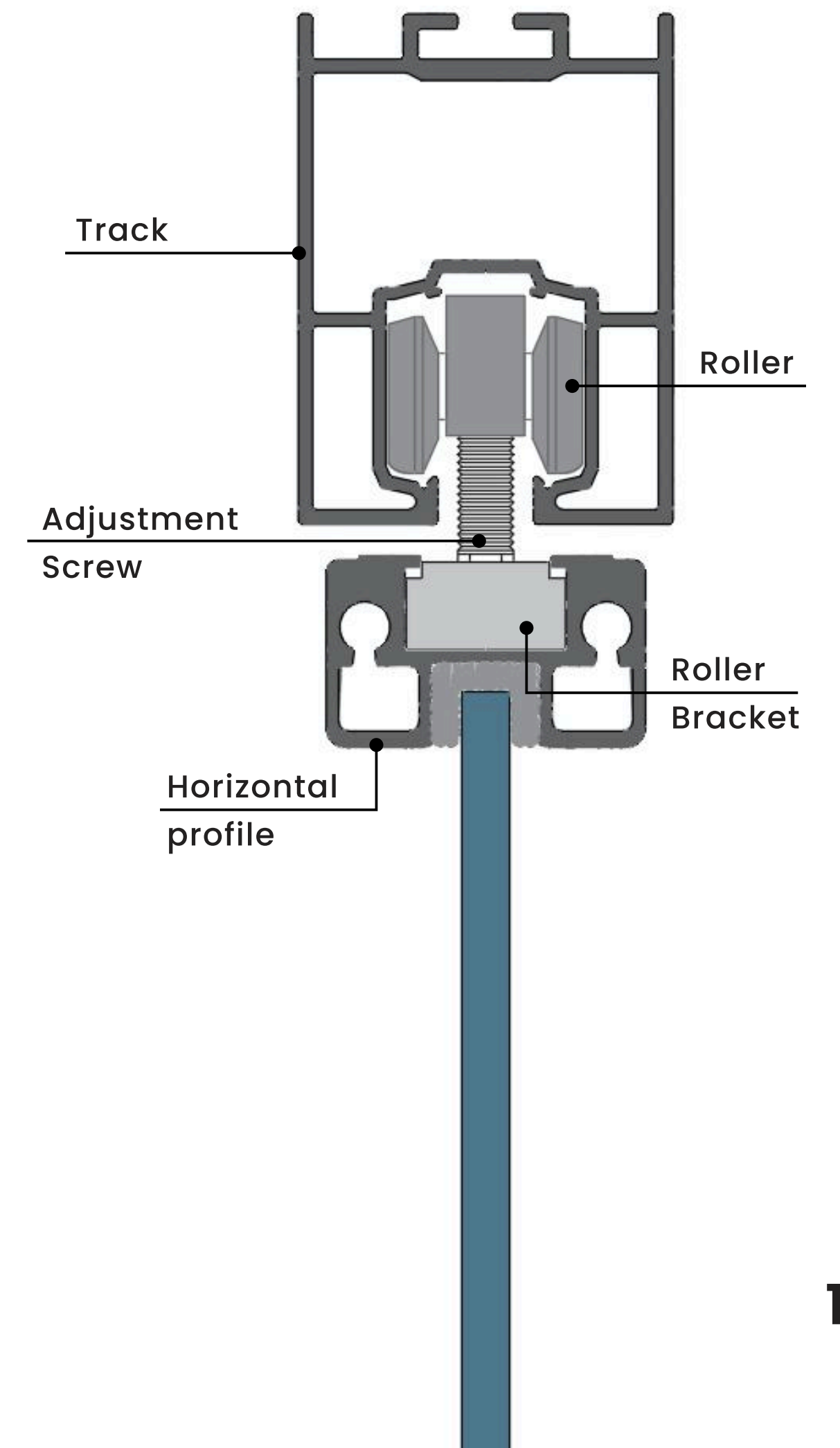
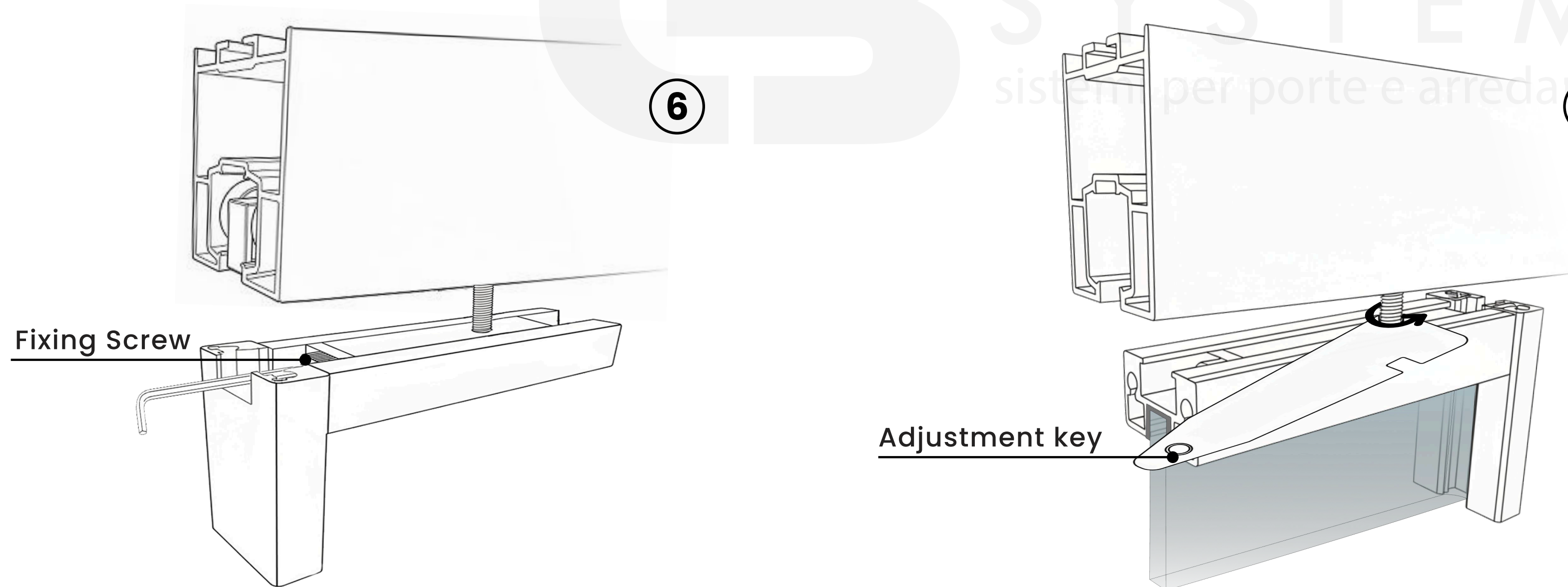
- **Note:** Minimum shutter width must be 60 cm.

PROFILE-TRACK FIXING

Installation Steps

6. Fix the roller bracket in place using the fixing screw.

7. Adjust the screw by the adjustment key.

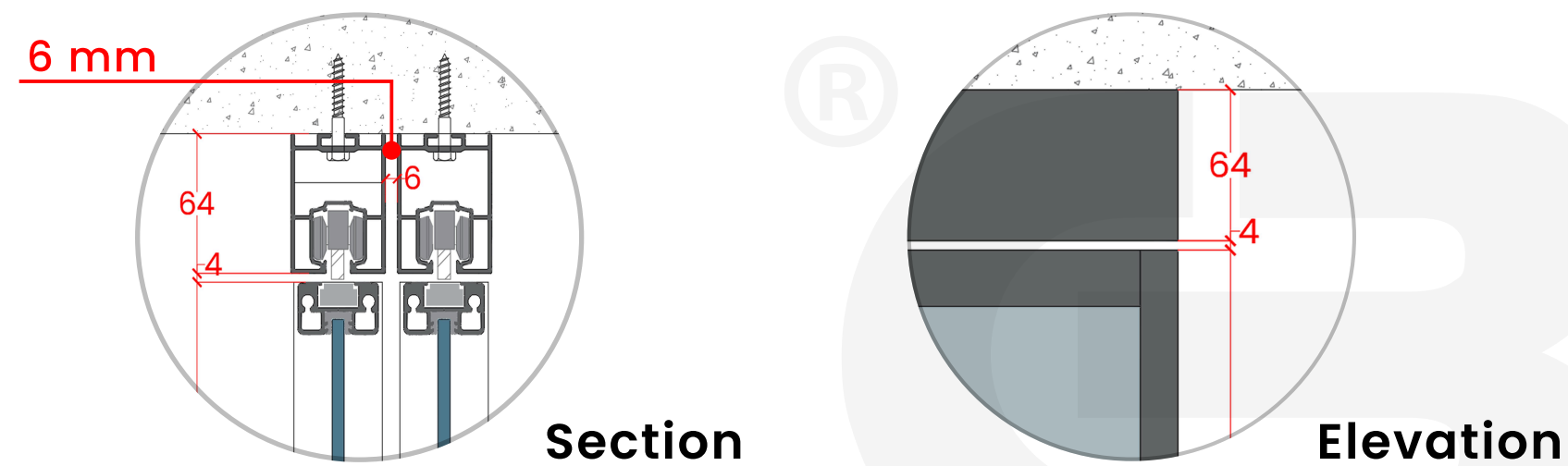


SLIDING SYSTEMS

2 Ante + Plus

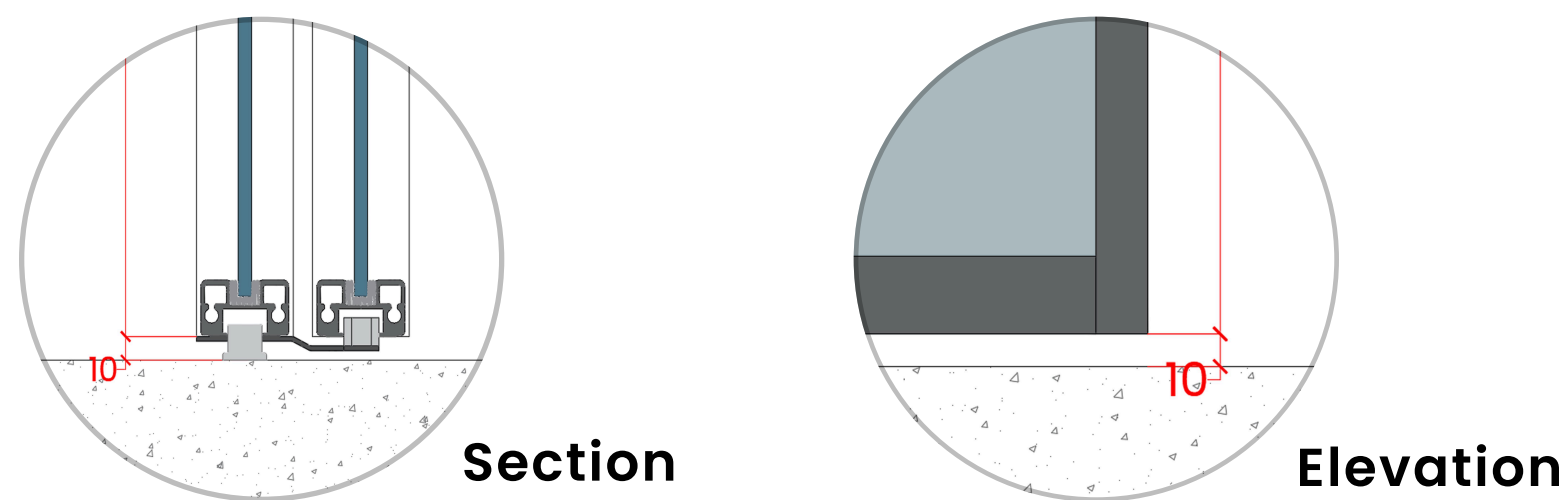
- **Detail 1 – Shutter / Track Detail**

Connection between the door shutter and the upper track.

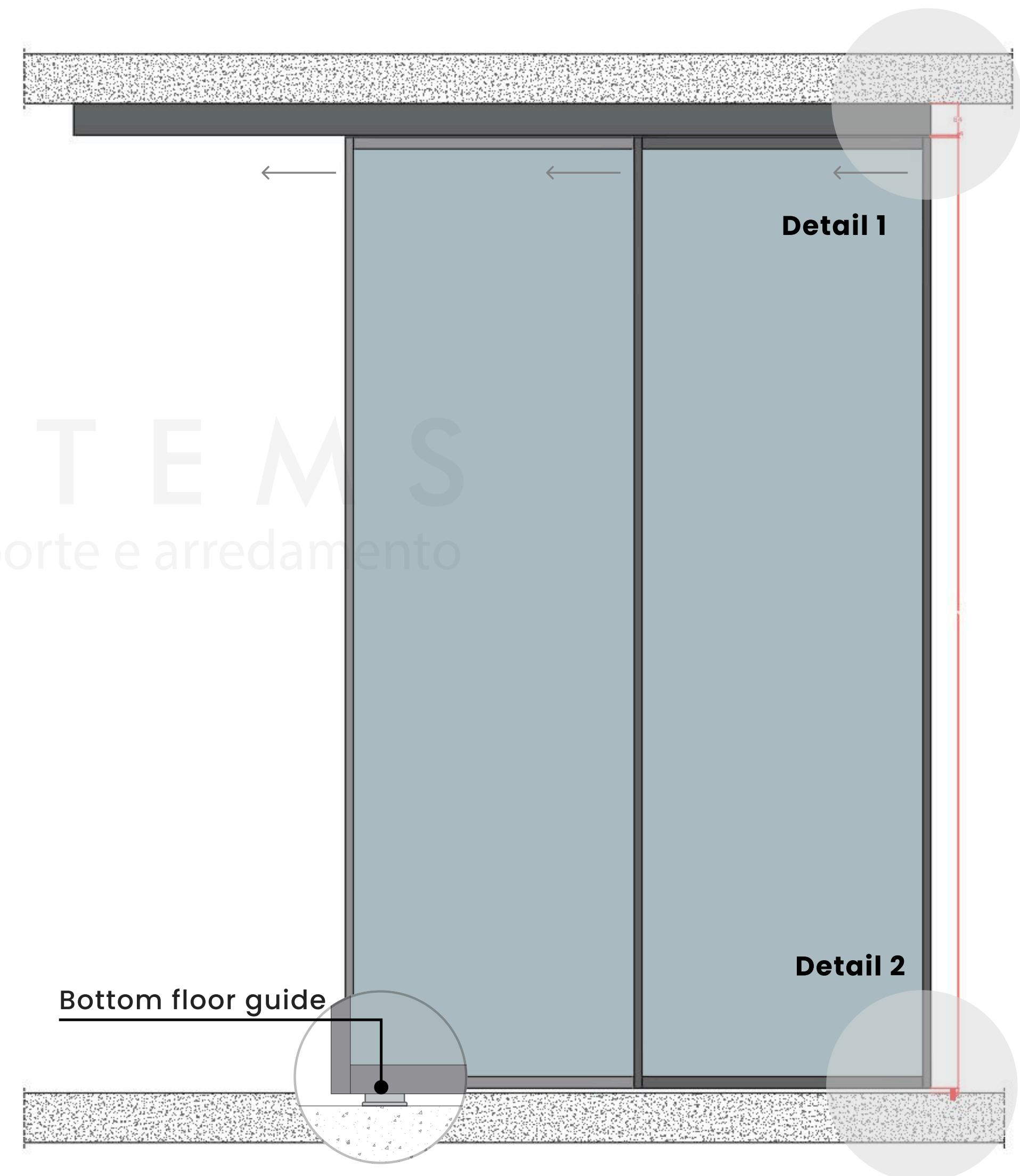


- **Detail 2 – Shutter / Floor Detail**

Connection between the door shutter and the floor base.



Track length = shutter width x 3



SLIDING SYSTEMS

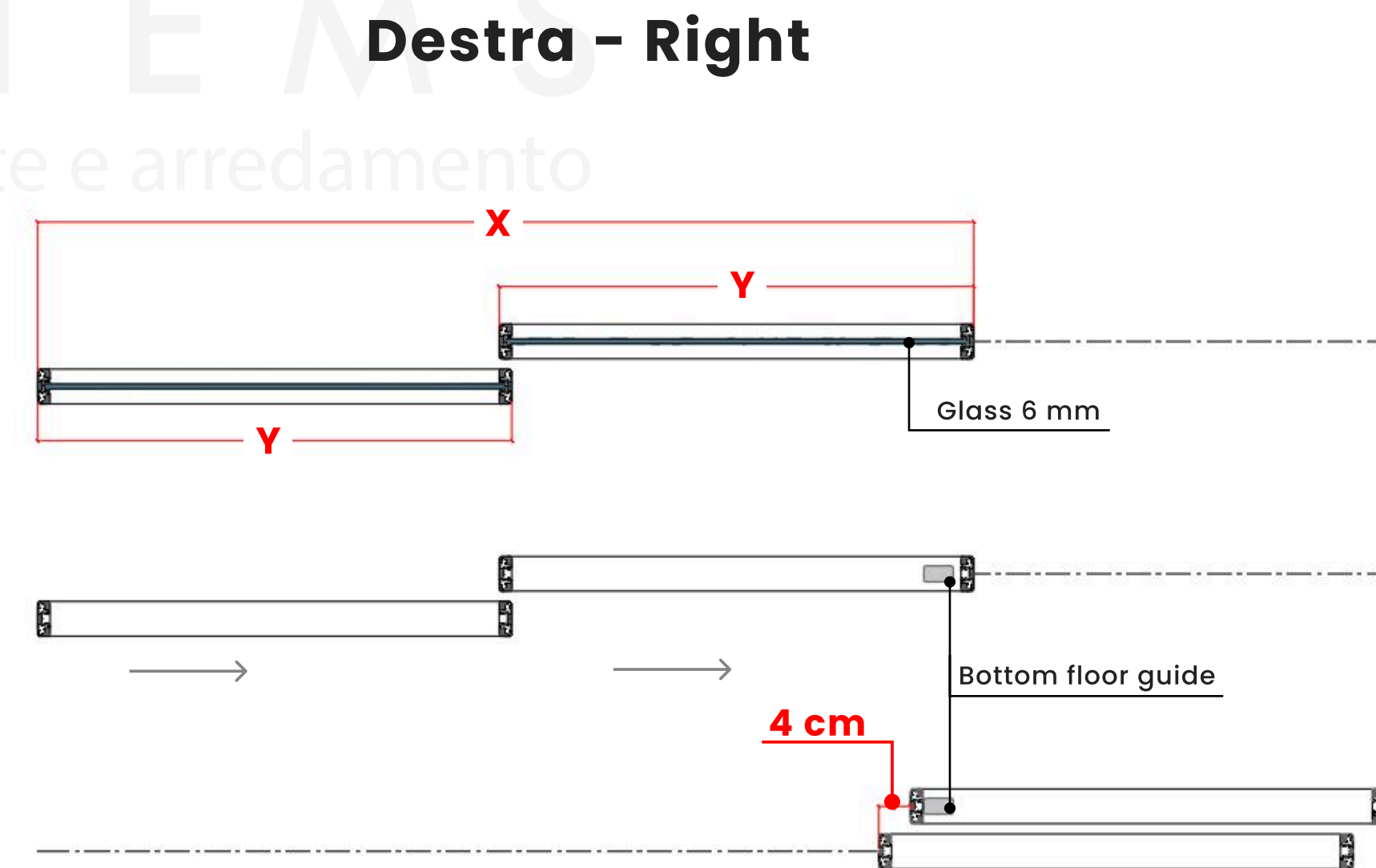
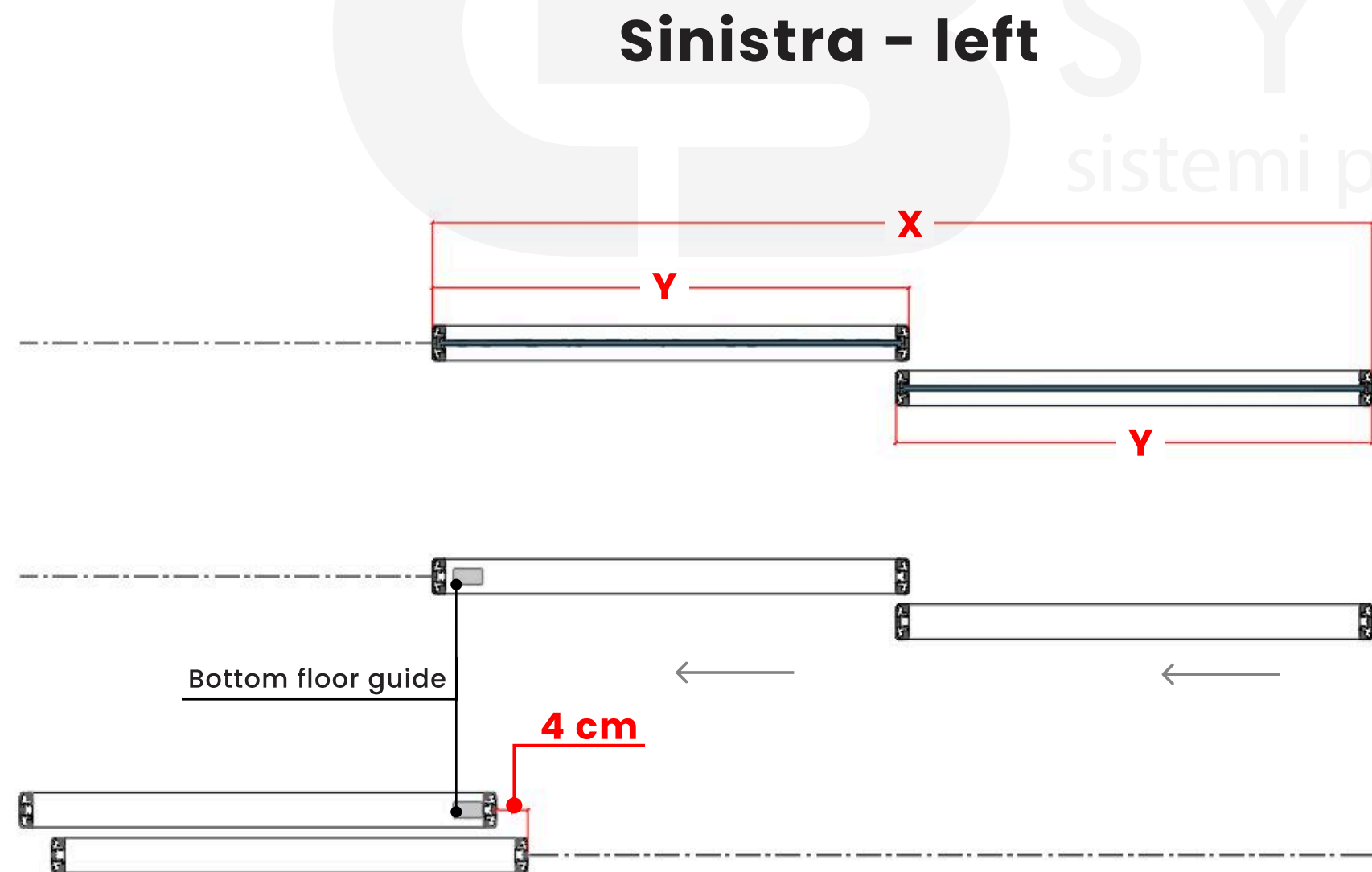
2 Ante + Plus

Plan View — Door Shutter

Top view showing the door shutter dimensions and alignment.

X: vide

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



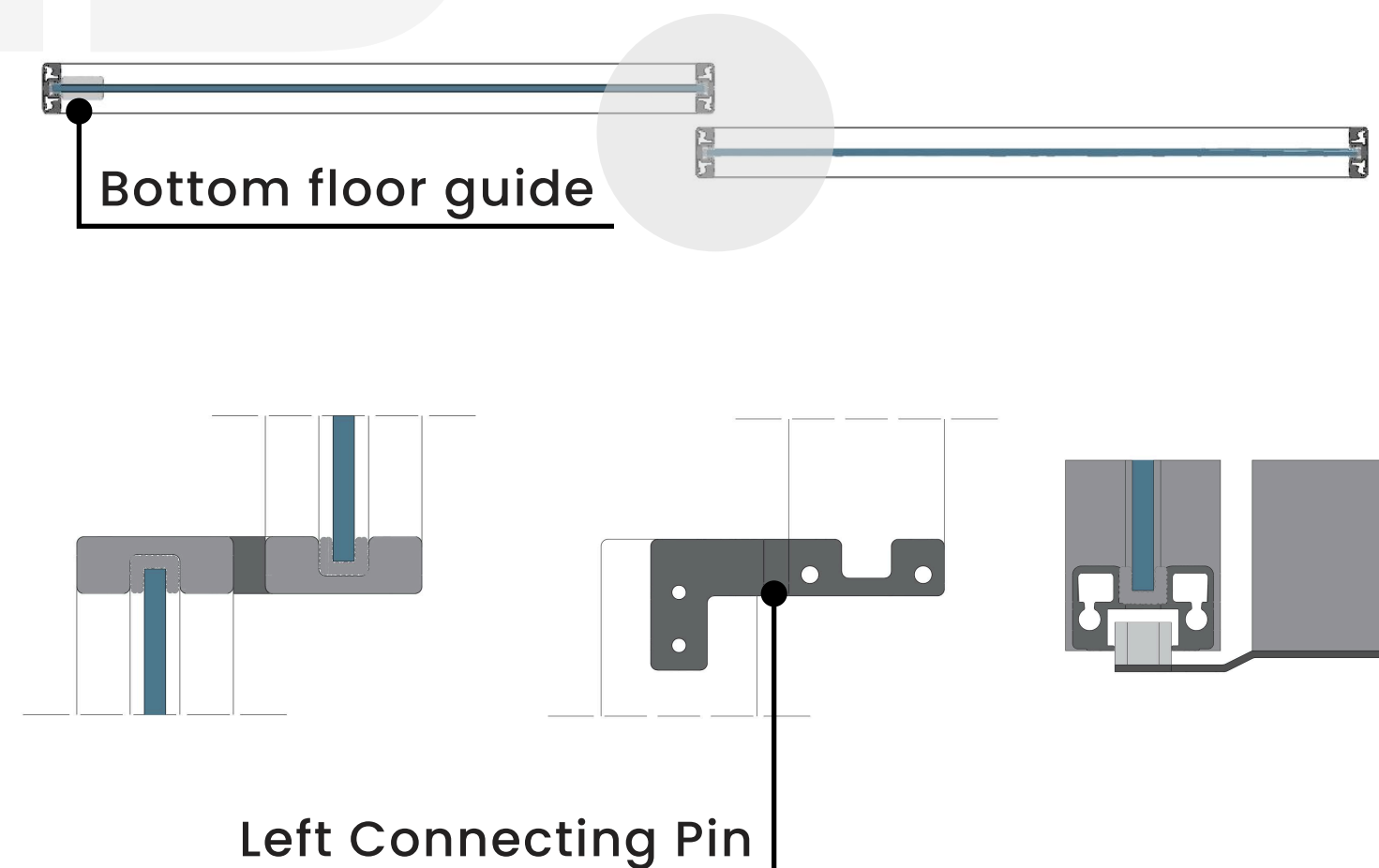
SLIDING SYSTEMS

Linked Sliding Mechanism

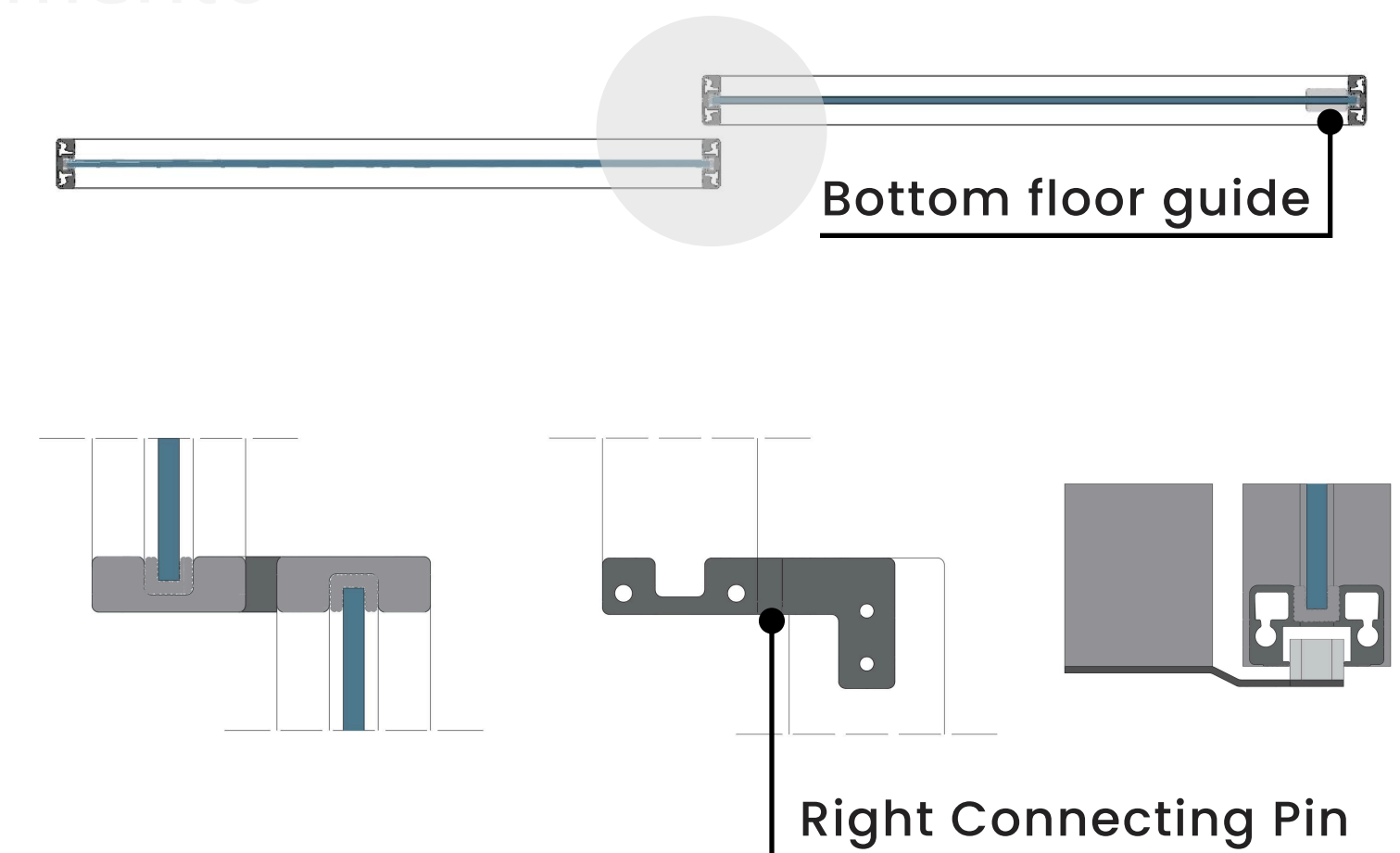
Connection Pin Assembly

Connection pin fixed at the bottom of the door shutter, linking both shutters for synchronized sliding. Available in right and left configurations according to installation side.

Sinistra - left



Destra - Right

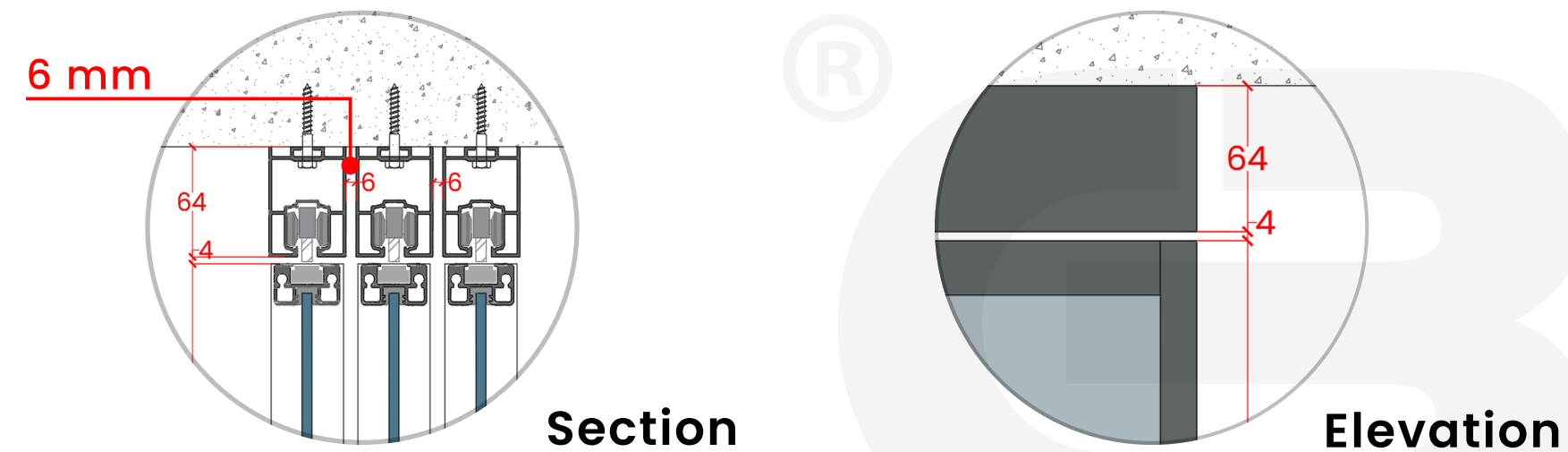


SLIDING SYSTEMS

3 Ante + Plus

- **Detail 1 – Shutter / Track Detail**

Connection between the door shutter and the upper track.

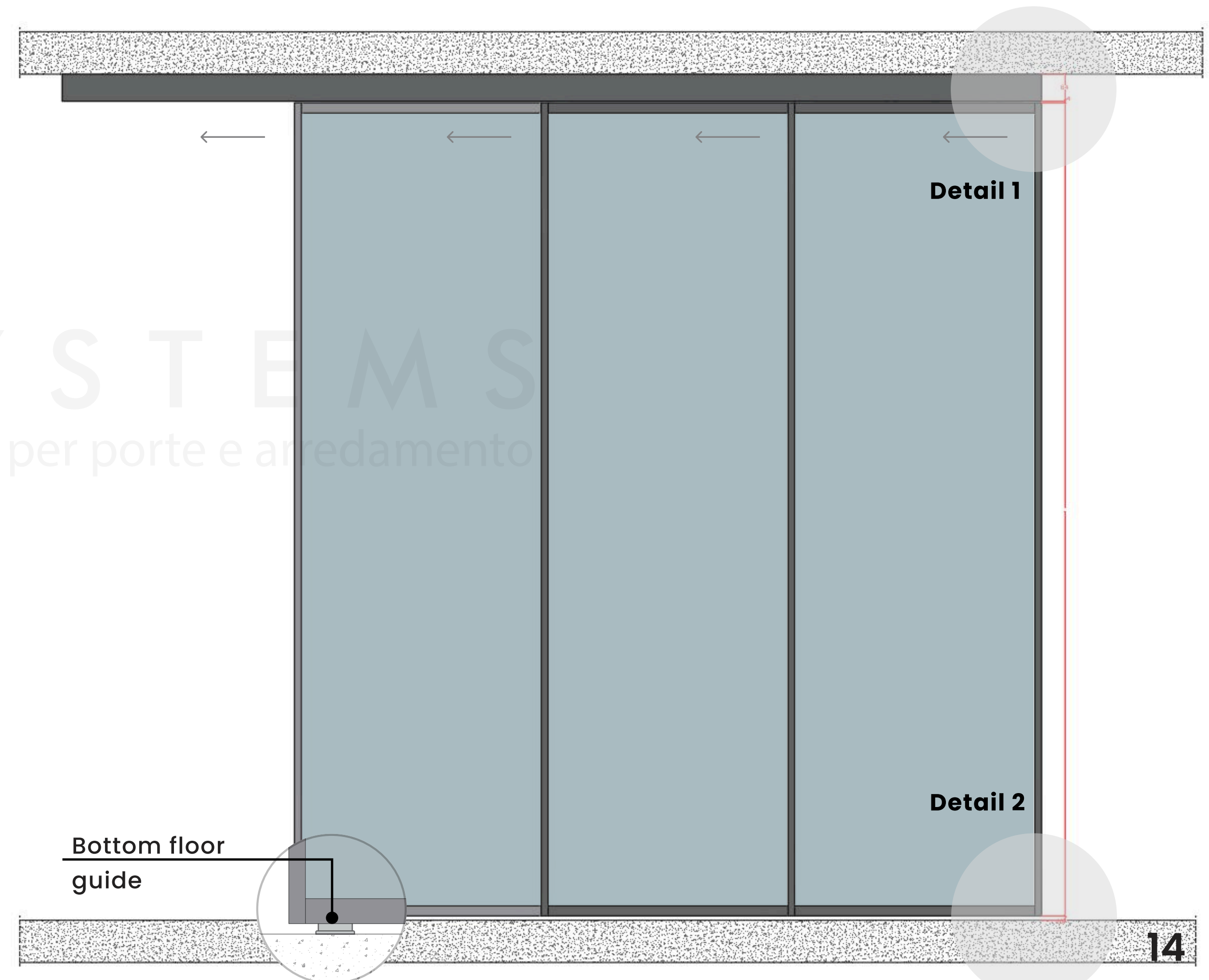


- **Detail 2 – Shutter / Floor Detail**

Connection between the door shutter and the floor base.



Track length = shutter width x 4



SLIDING SYSTEMS

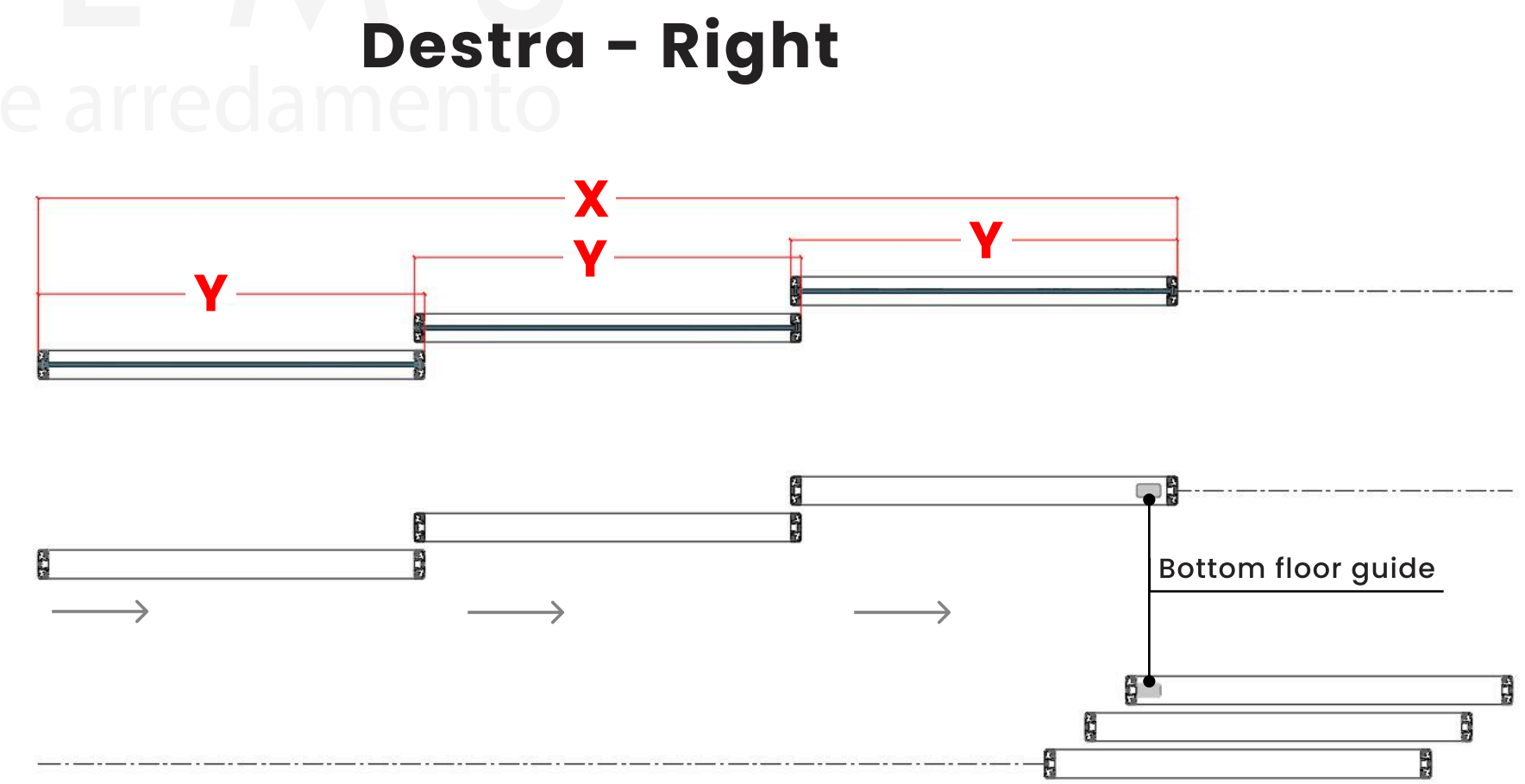
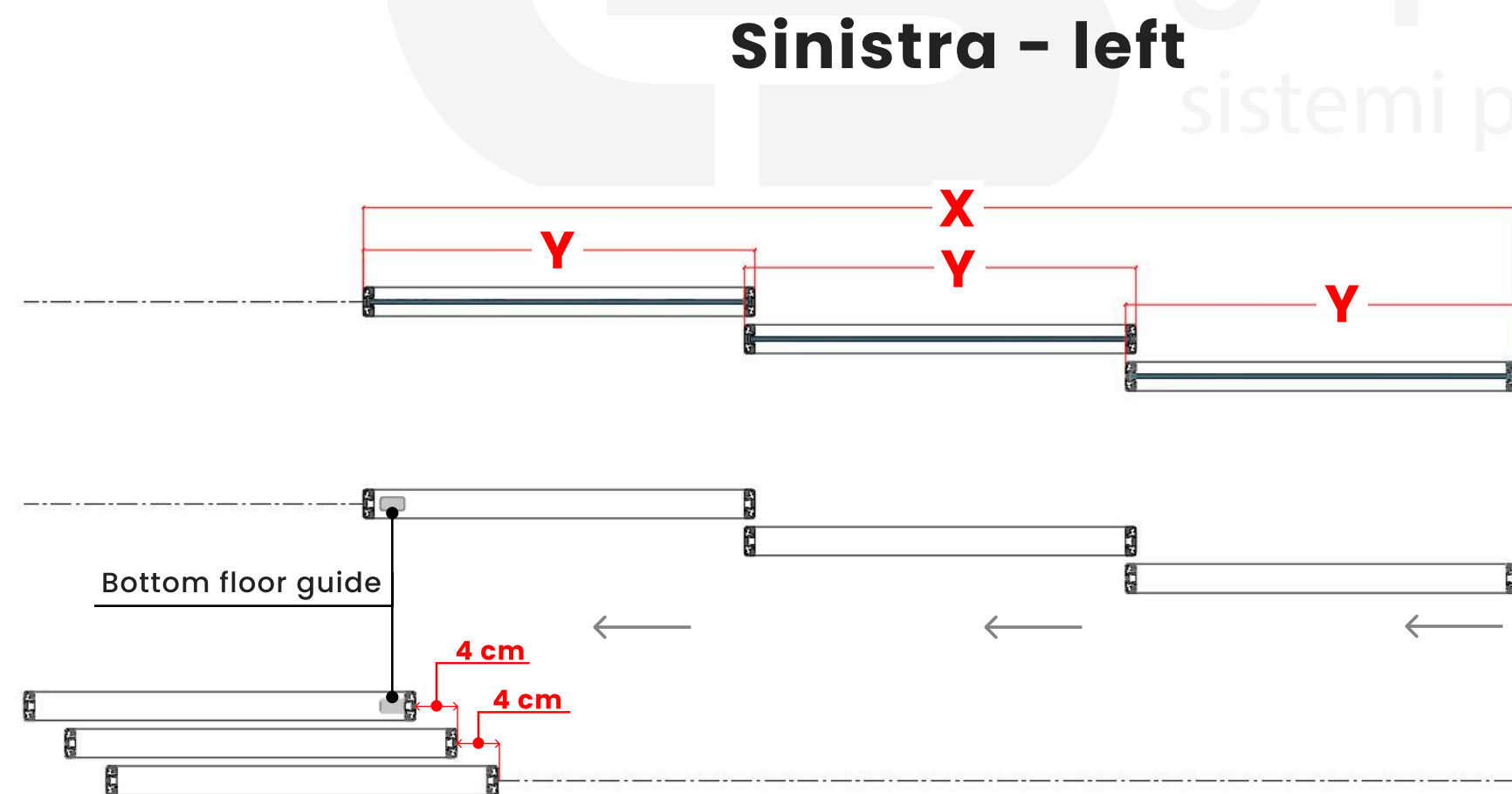
3 Ante + Plus

Plan View — Door Shutter

Top view showing the door shutter dimensions and alignment.

X = vide

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

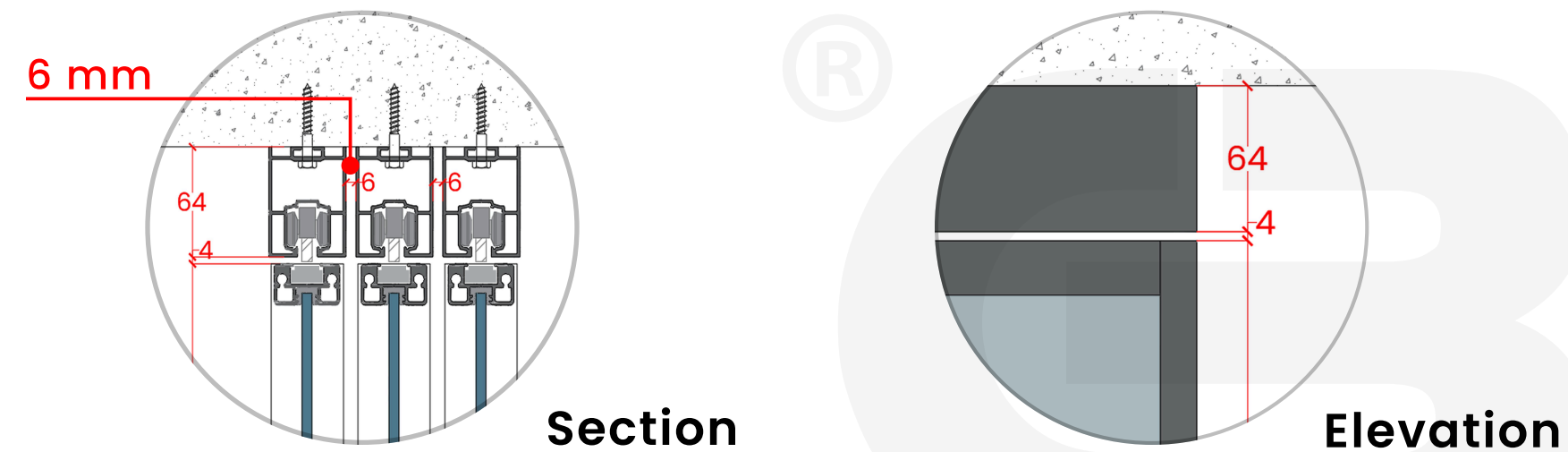


SLIDING SYSTEMS

3 Ante

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

Connection between the door shutter and the upper track.

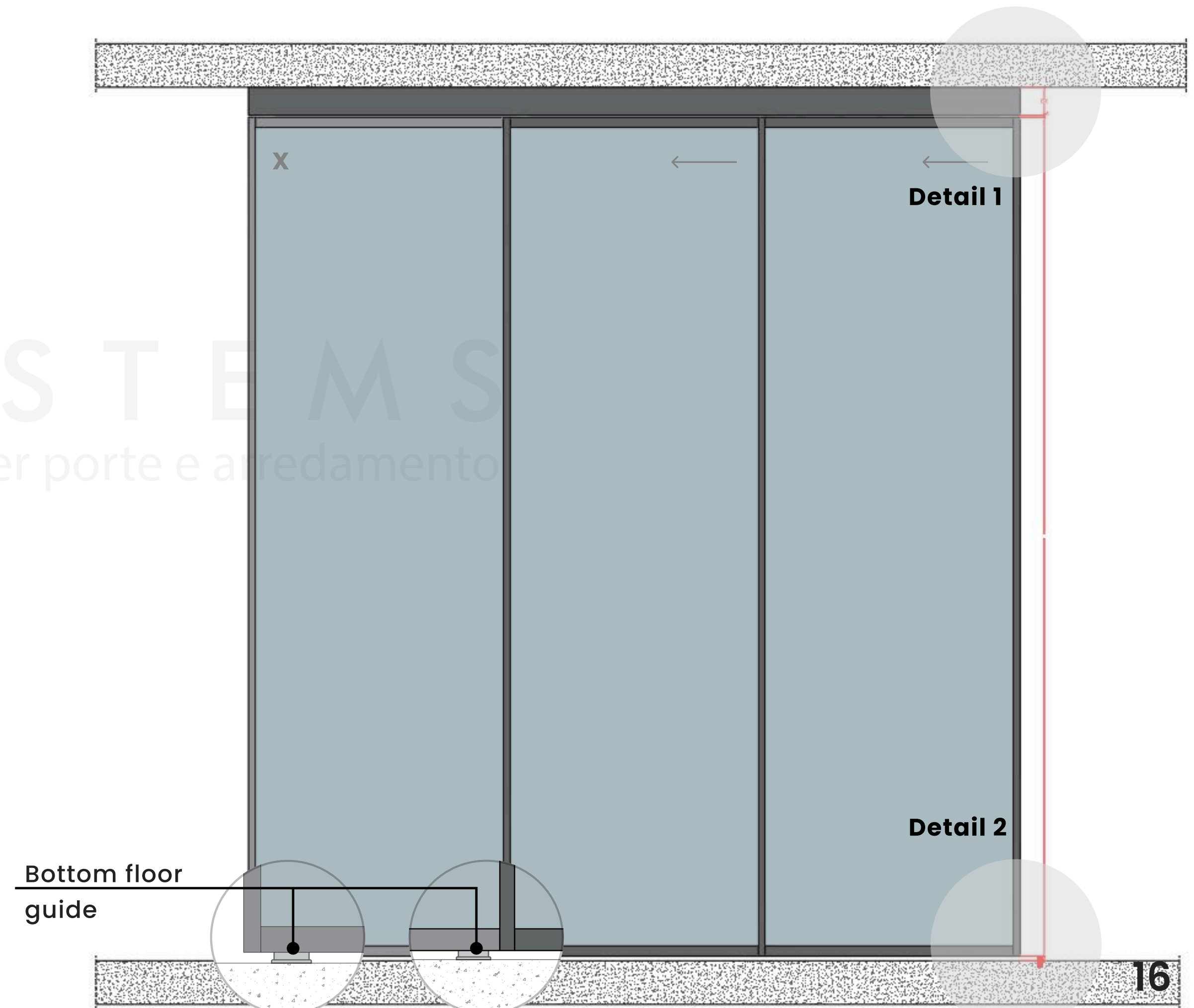


- **Detail 2 — Shutter / Floor Detail**

Connection between the door shutter and the floor base.



Track length = shutter width x 3



SLIDING SYSTEMS

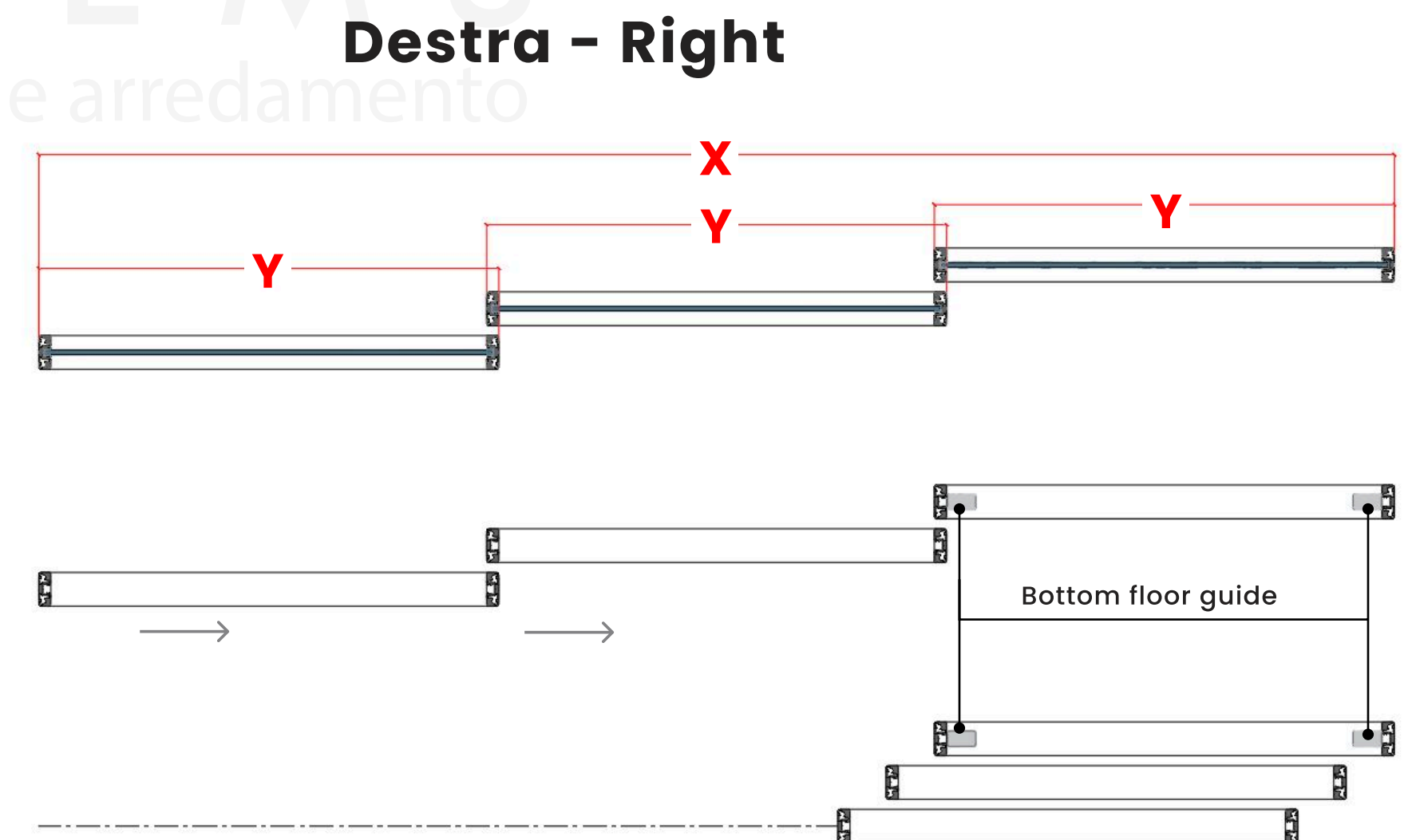
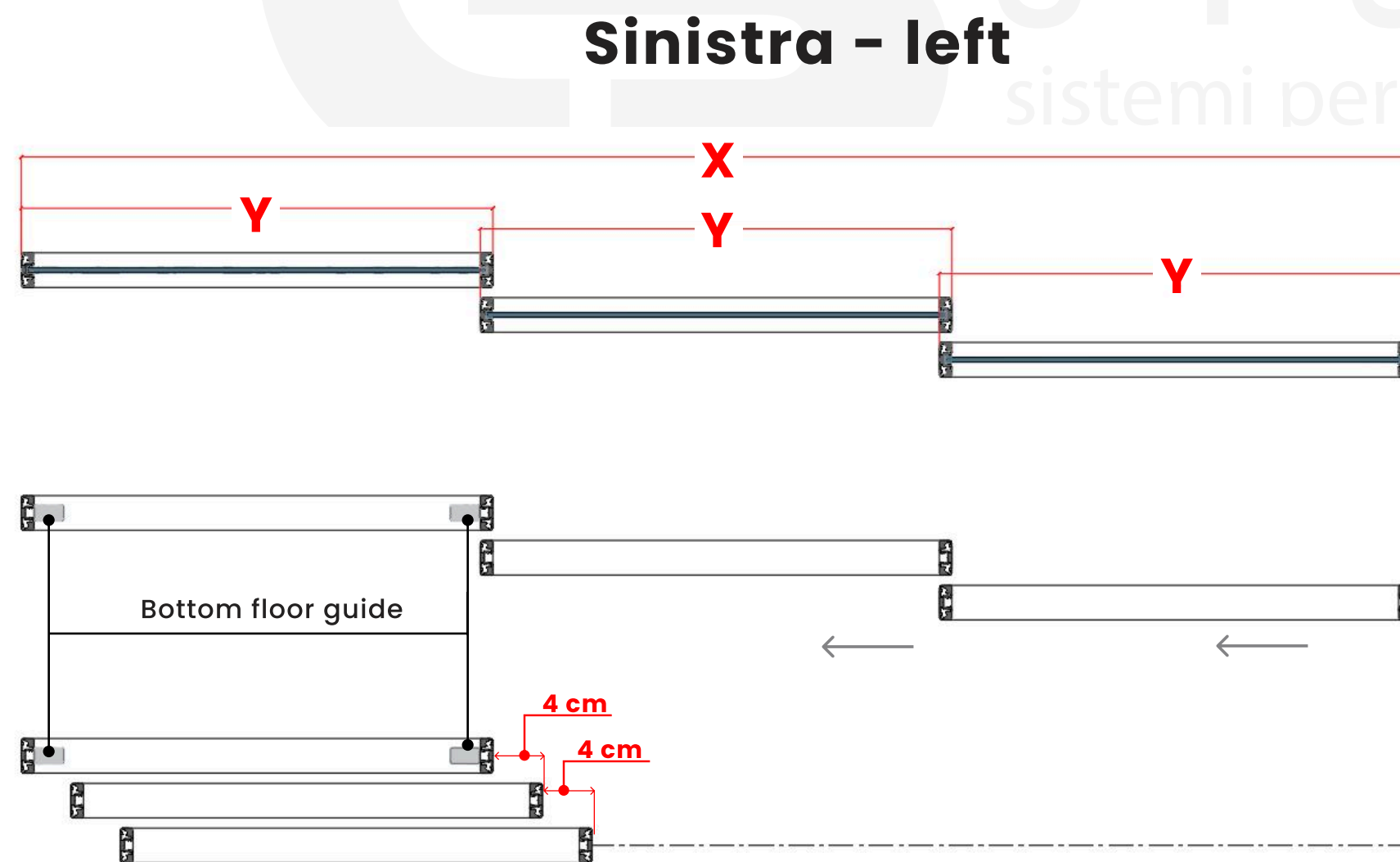
3 Ante

Plan View — Door Shutter

Top view showing the door shutter dimensions and alignment.

X = vide

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

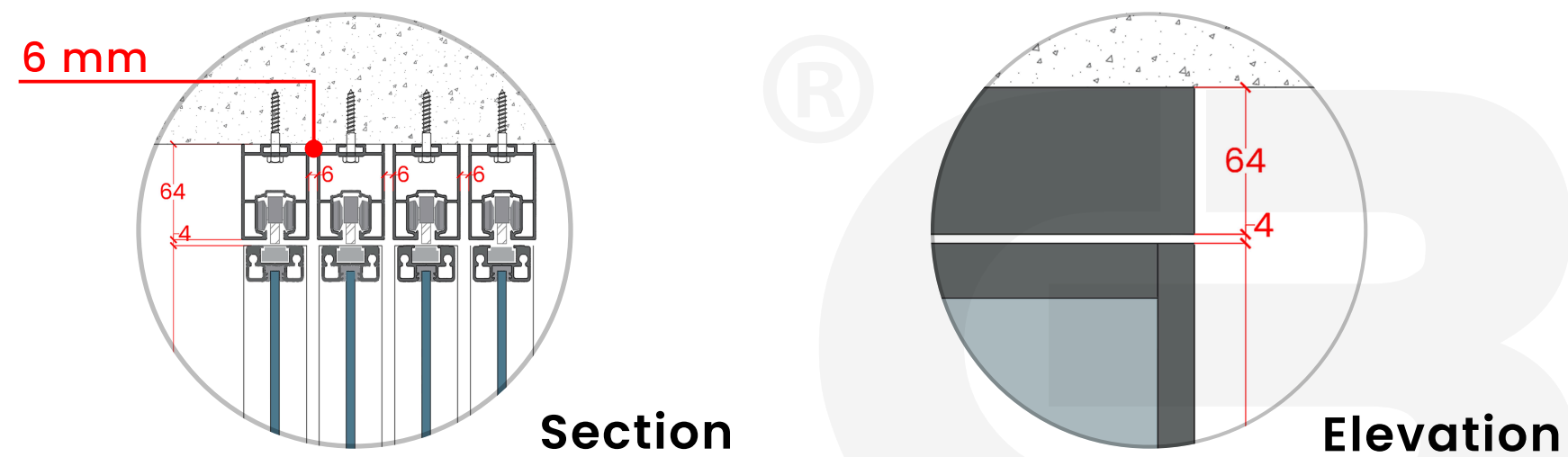


SLIDING SYSTEMS

4 Ante + Plus

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

Connection between the door shutter and the upper track.

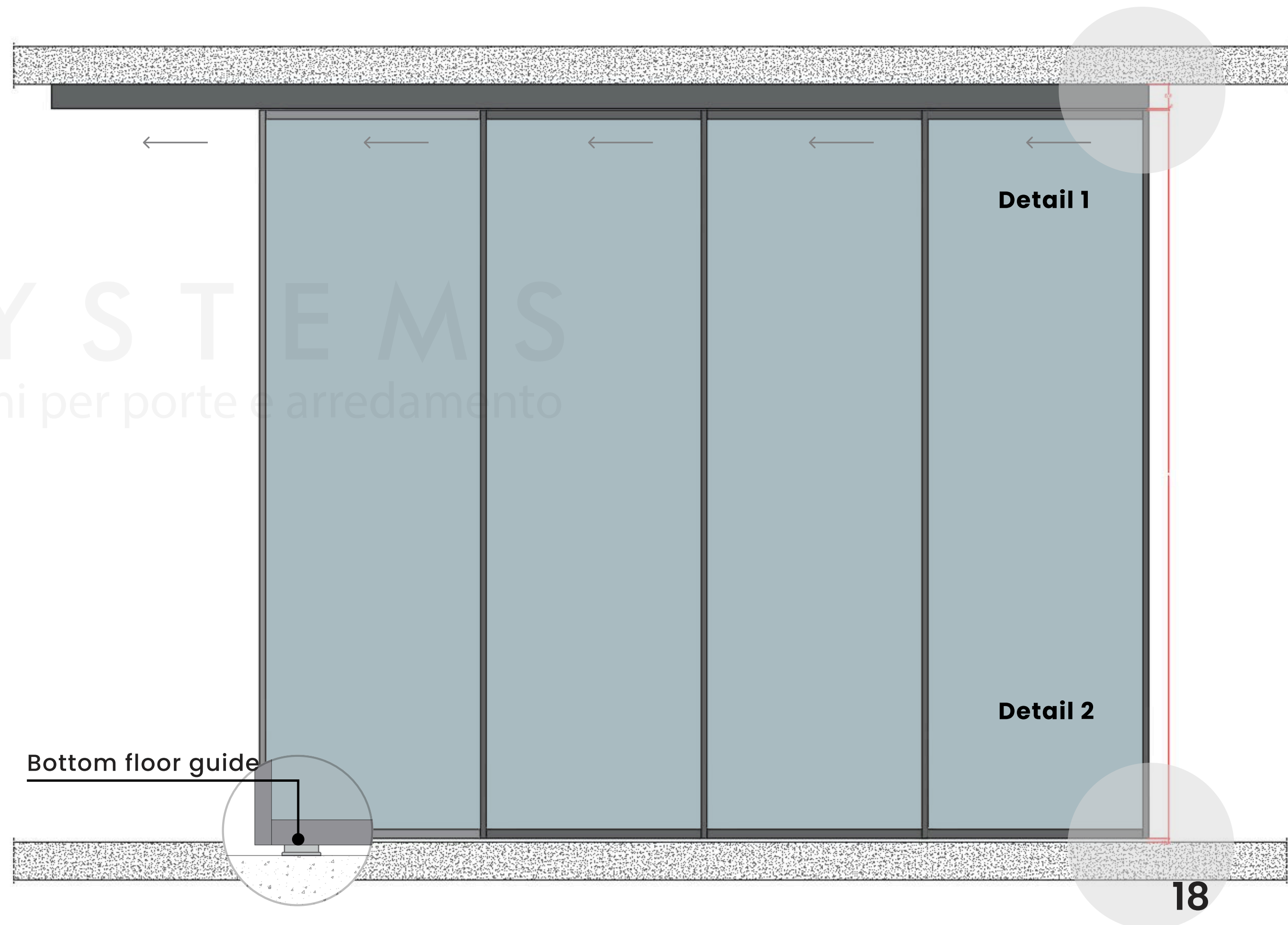


- **Detail 2 — Shutter / Floor Detail**

Connection between the door shutter and the floor base.



Track length = shutter width x 5



SLIDING SYSTEMS

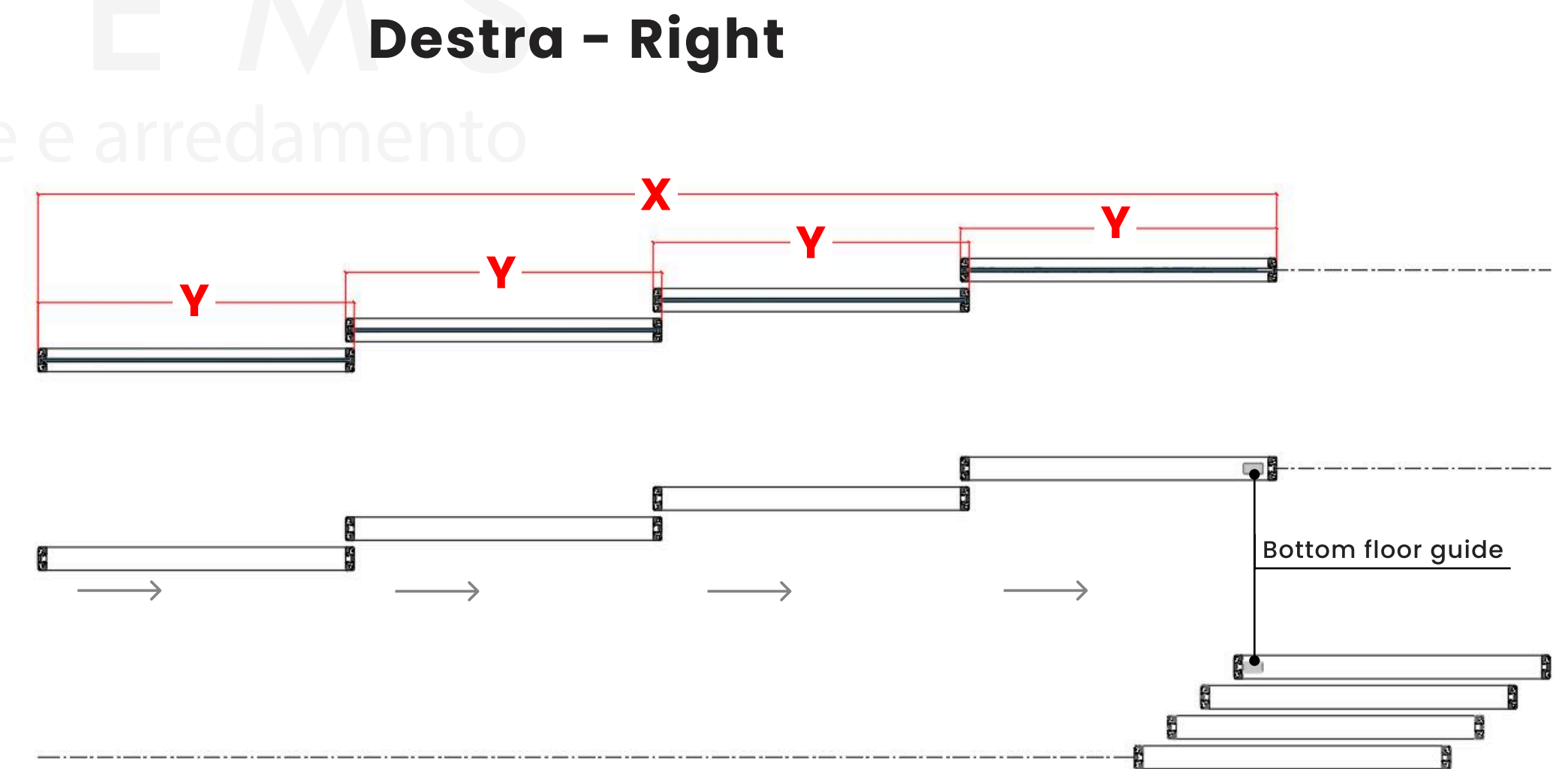
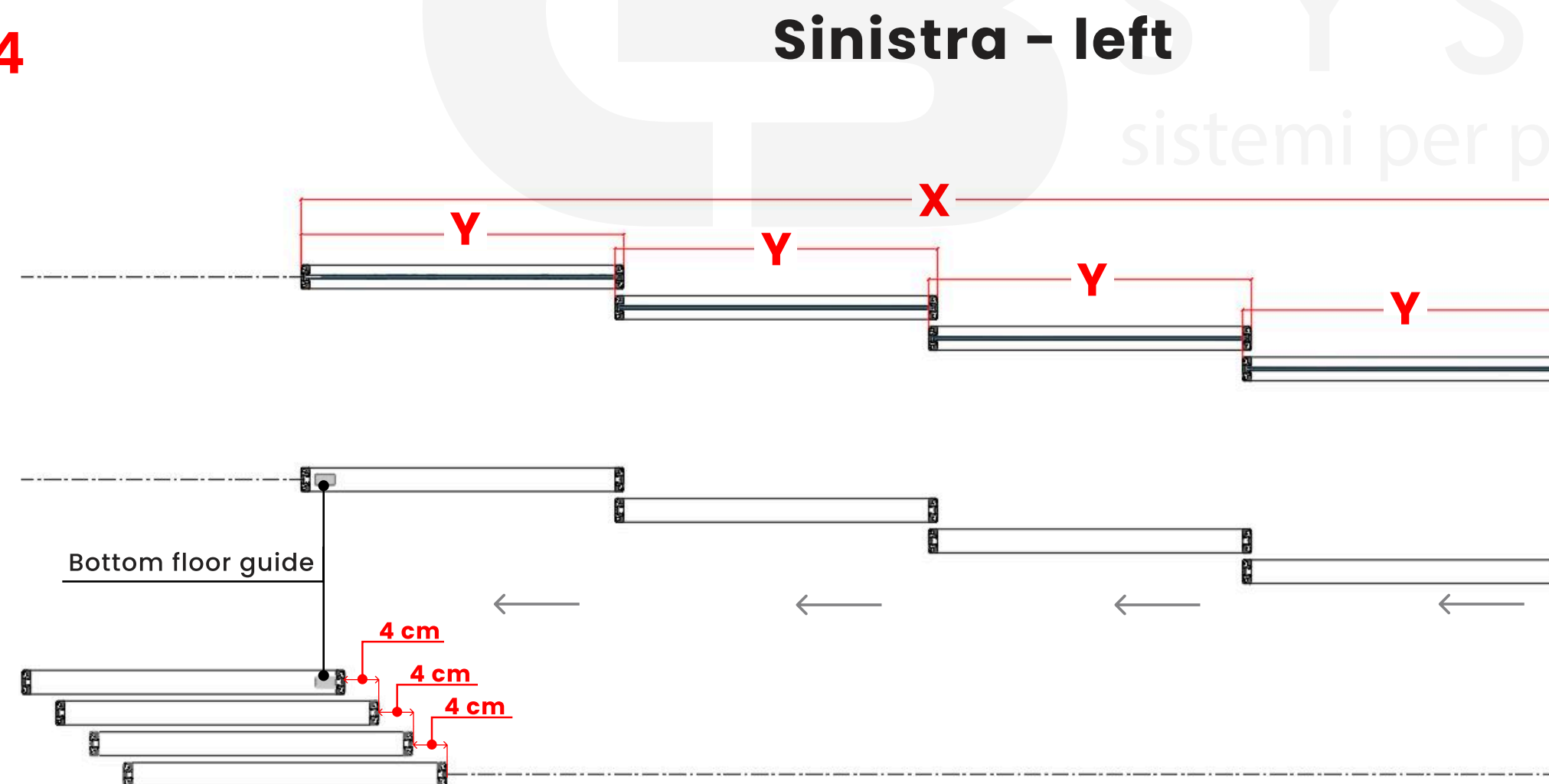
4 Ante + Plus

Plan View — Door Shutter

Top view showing the door shutter dimensions and alignment.

X: vide

Y: $(X+4.8) \div 4$

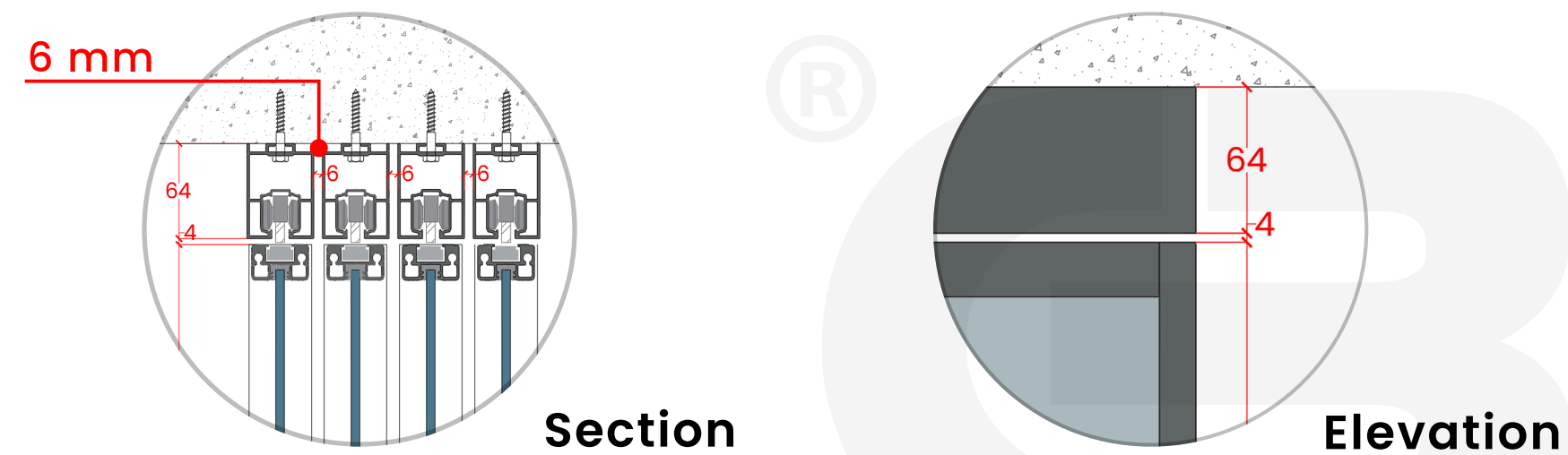


SLIDING SYSTEMS

4 Ante

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

Connection between the door shutter and the upper track.

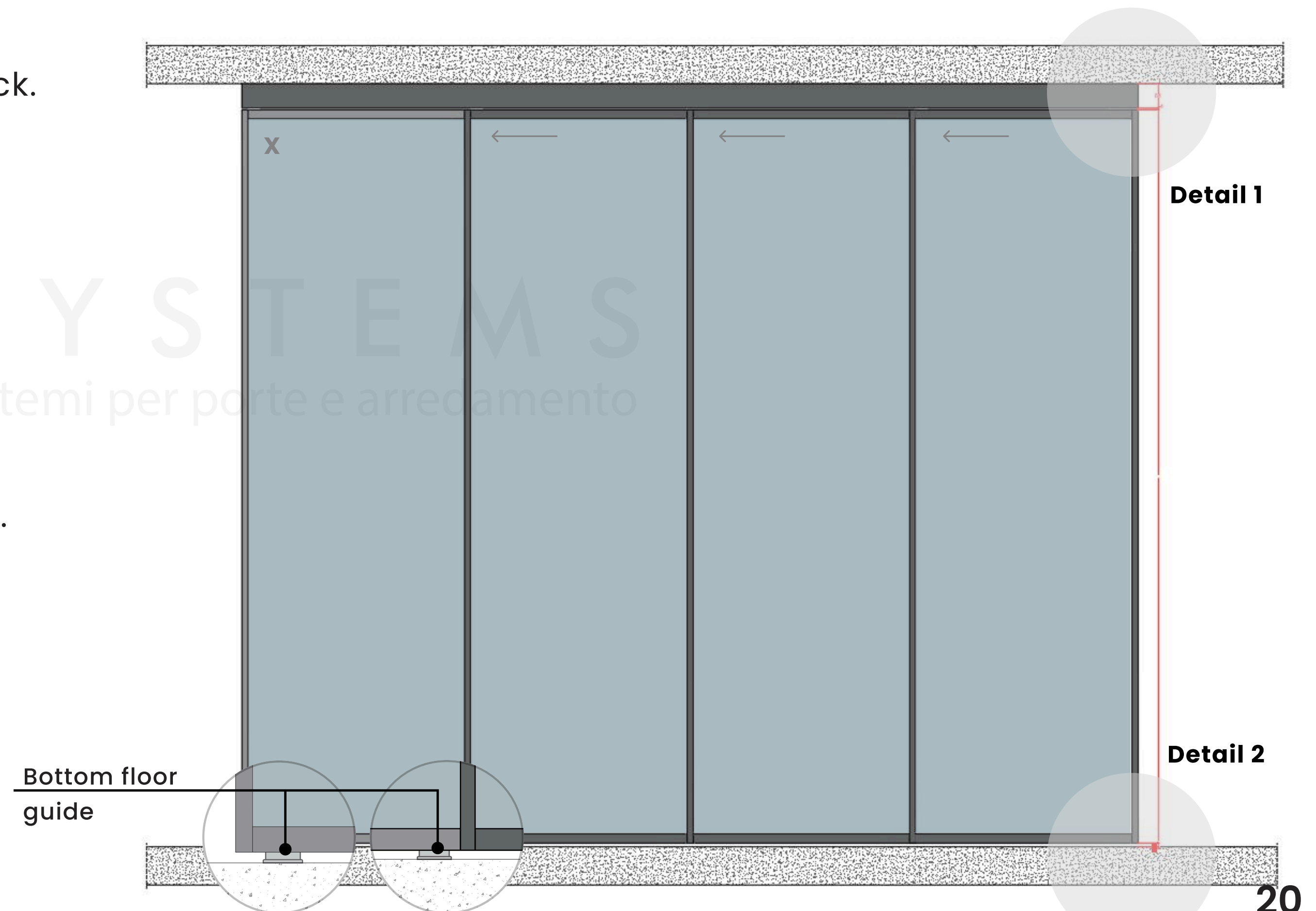


- **Detail 2 — Shutter / Floor Detail**

Connection between the door shutter and the floor base.



Track length = shutter width x 4



SLIDING SYSTEMS

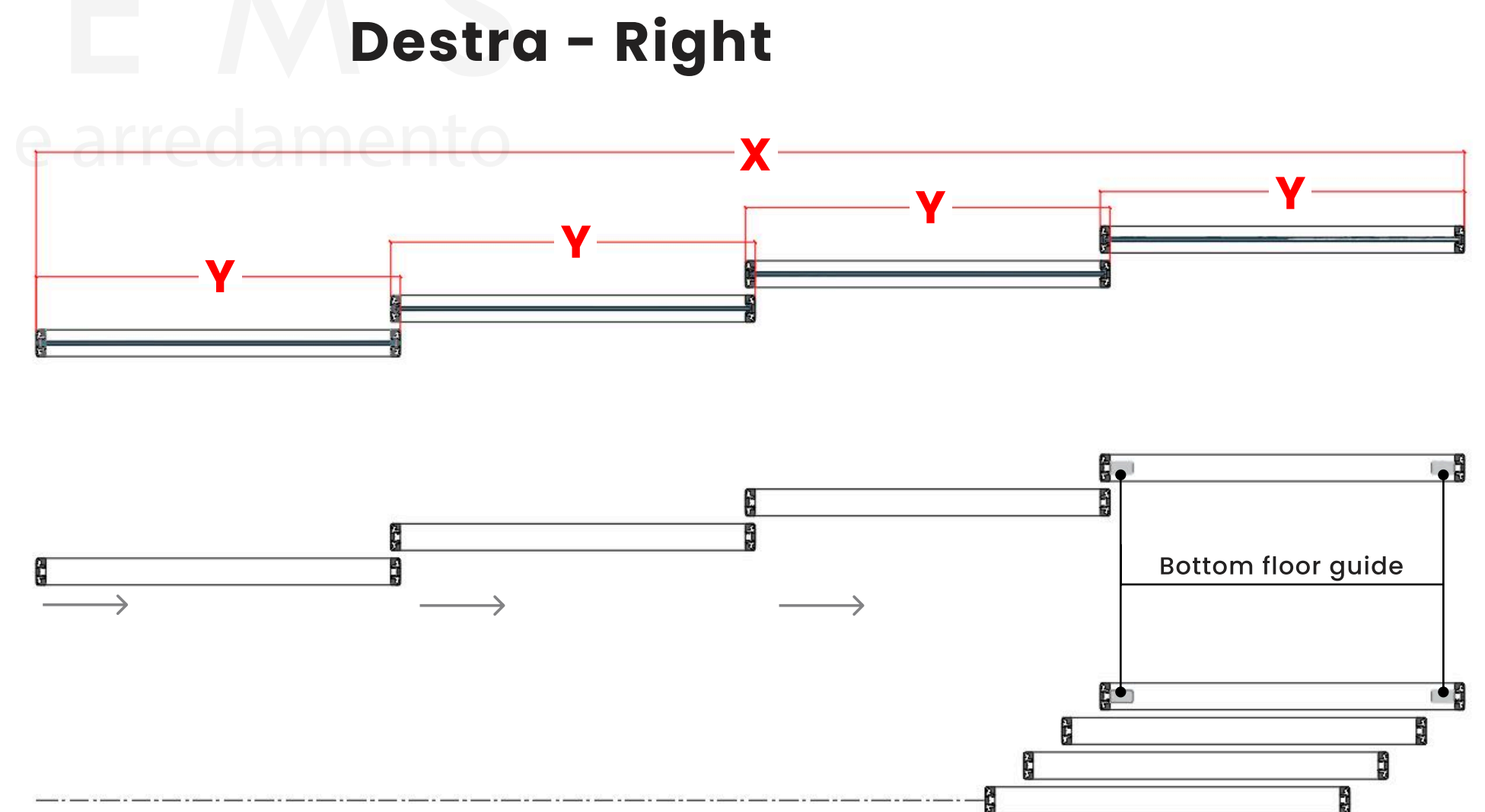
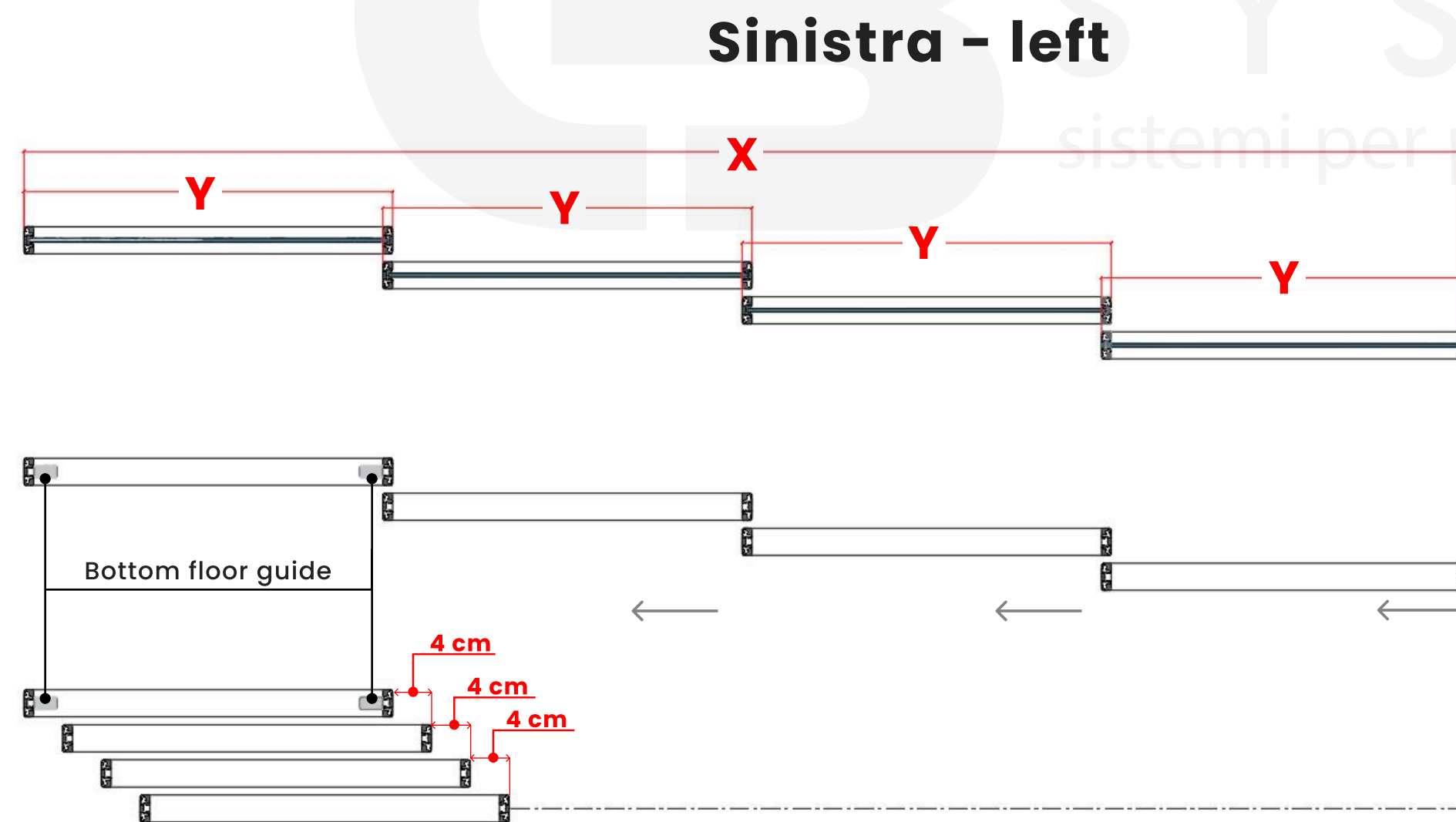
4 Ante

Plan View — Door Shutter

Top view showing the door shutter dimensions and alignment.

X: vide

Y: $(X+4.8) \div 4$

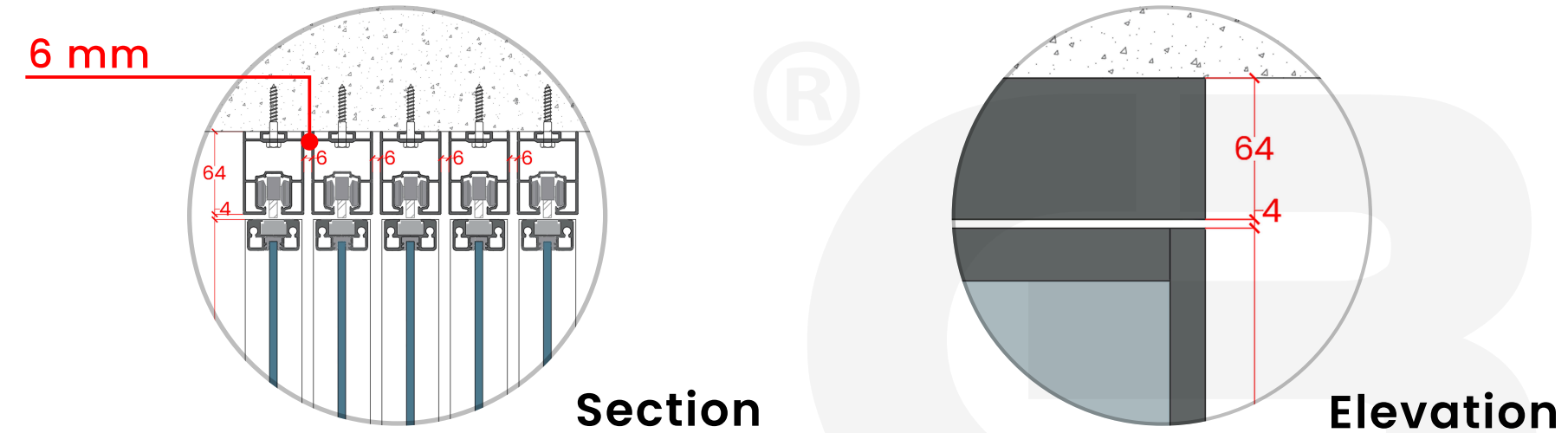


SLIDING SYSTEMS

5 Ante + Plus

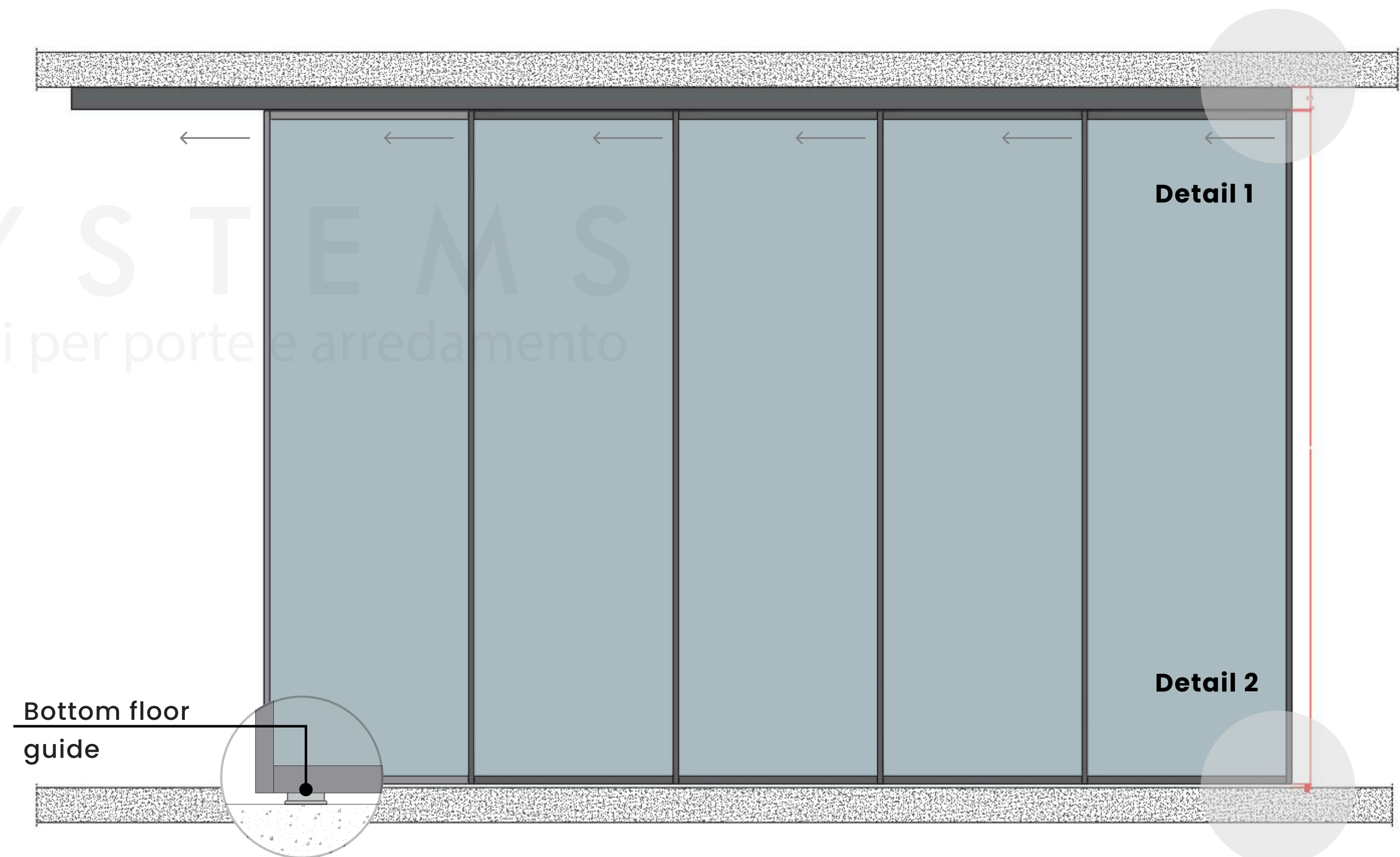
- **Detail 1 — Shutter / Track Detail**

Connection between the door shutter and the upper track.



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

Connection between the door shutter and the floor base.



Track length = shutter width x 6

SLIDING SYSTEMS

5 Ante + Plus

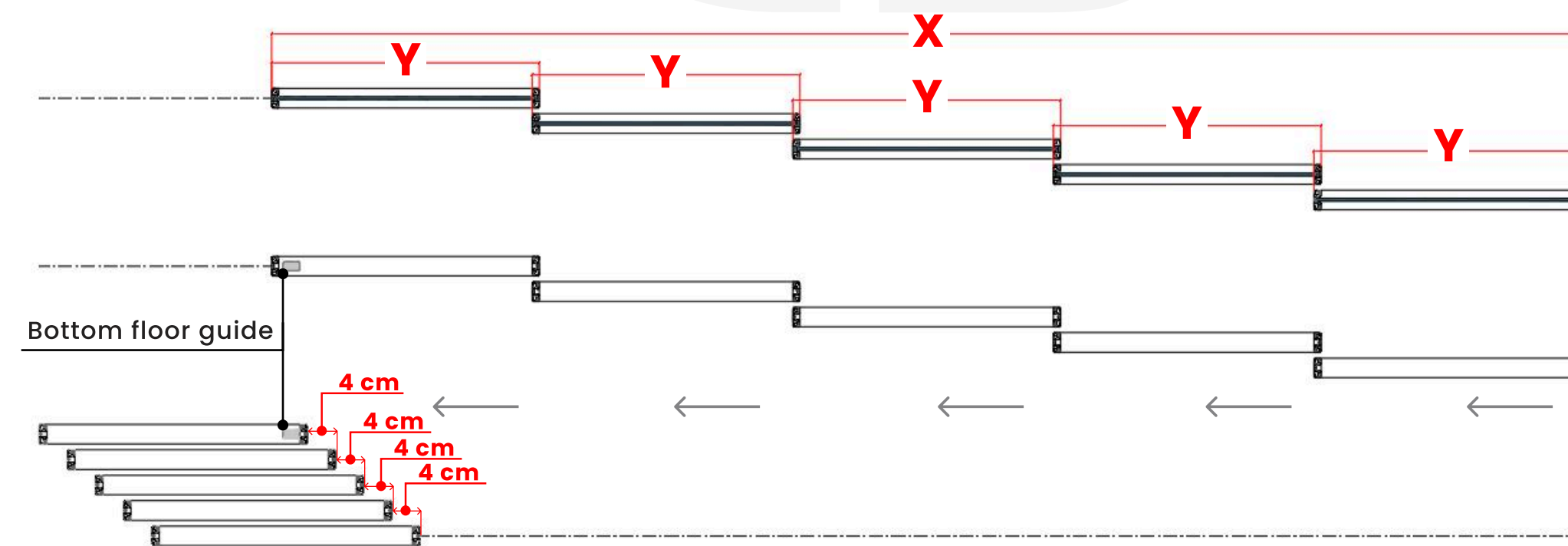
Plan View — Door Shutter

Top view showing the door shutter dimensions and alignment.

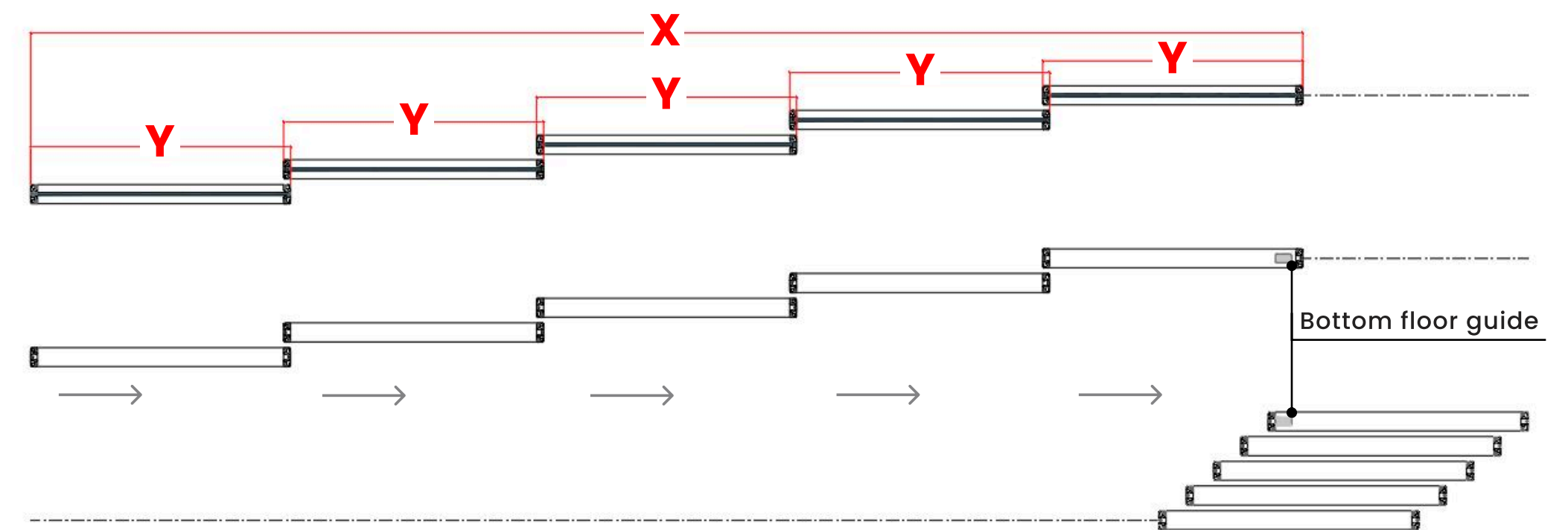
X: vide

Y: $(X+6.4) \div 5$

Sinistra - left



Destra - Right

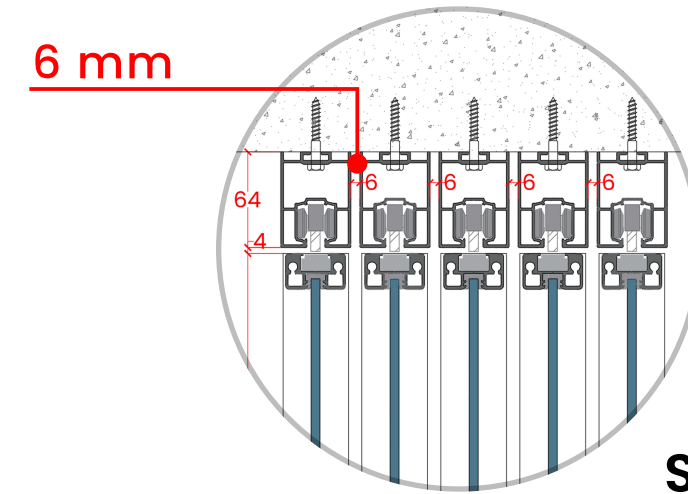


SLIDING SYSTEMS

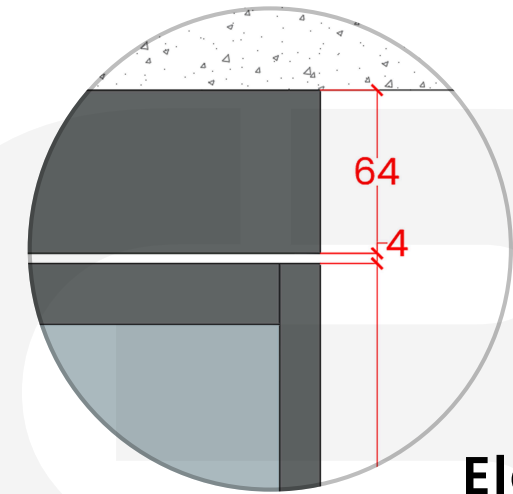
5 Ante

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

Connection between the door shutter and the upper track.



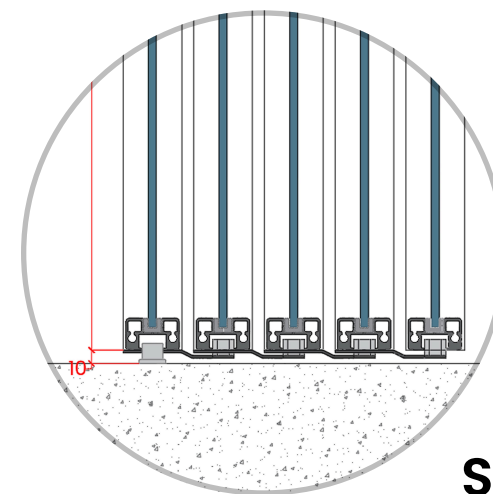
Section



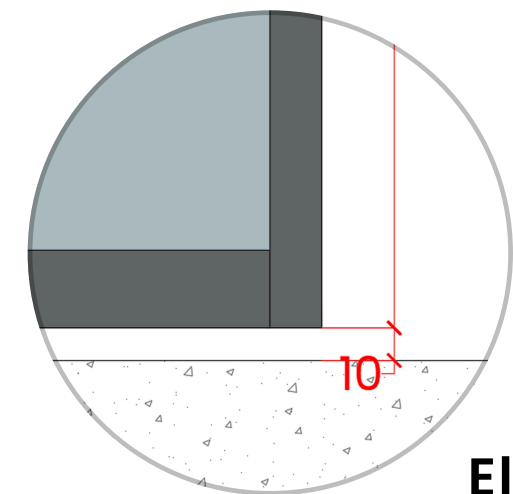
Elevation

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

Connection between the door shutter and the floor base.

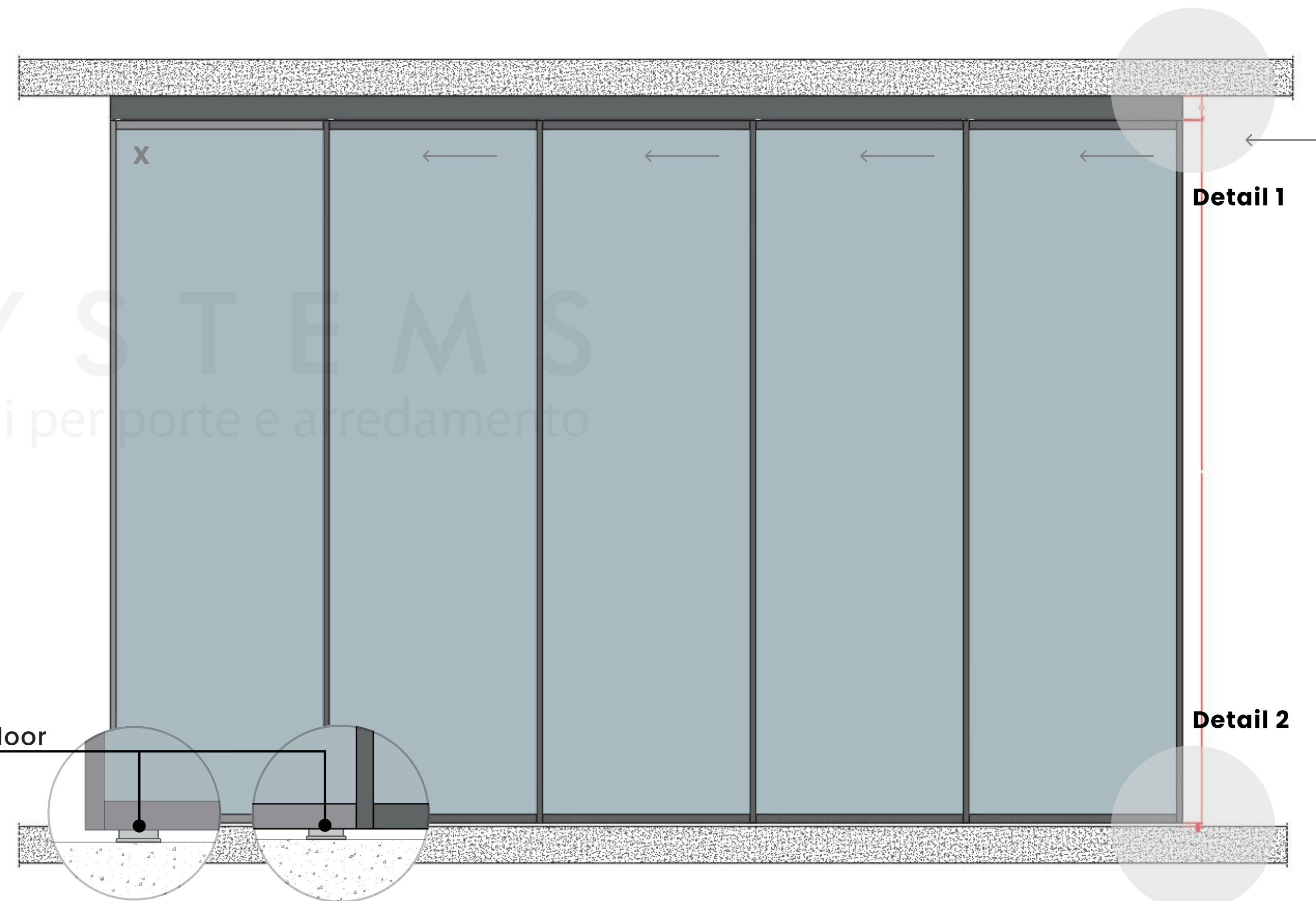


Section



Elevation

Bottom floor
guide



Track length = shutter width x 5

SLIDING SYSTEMS

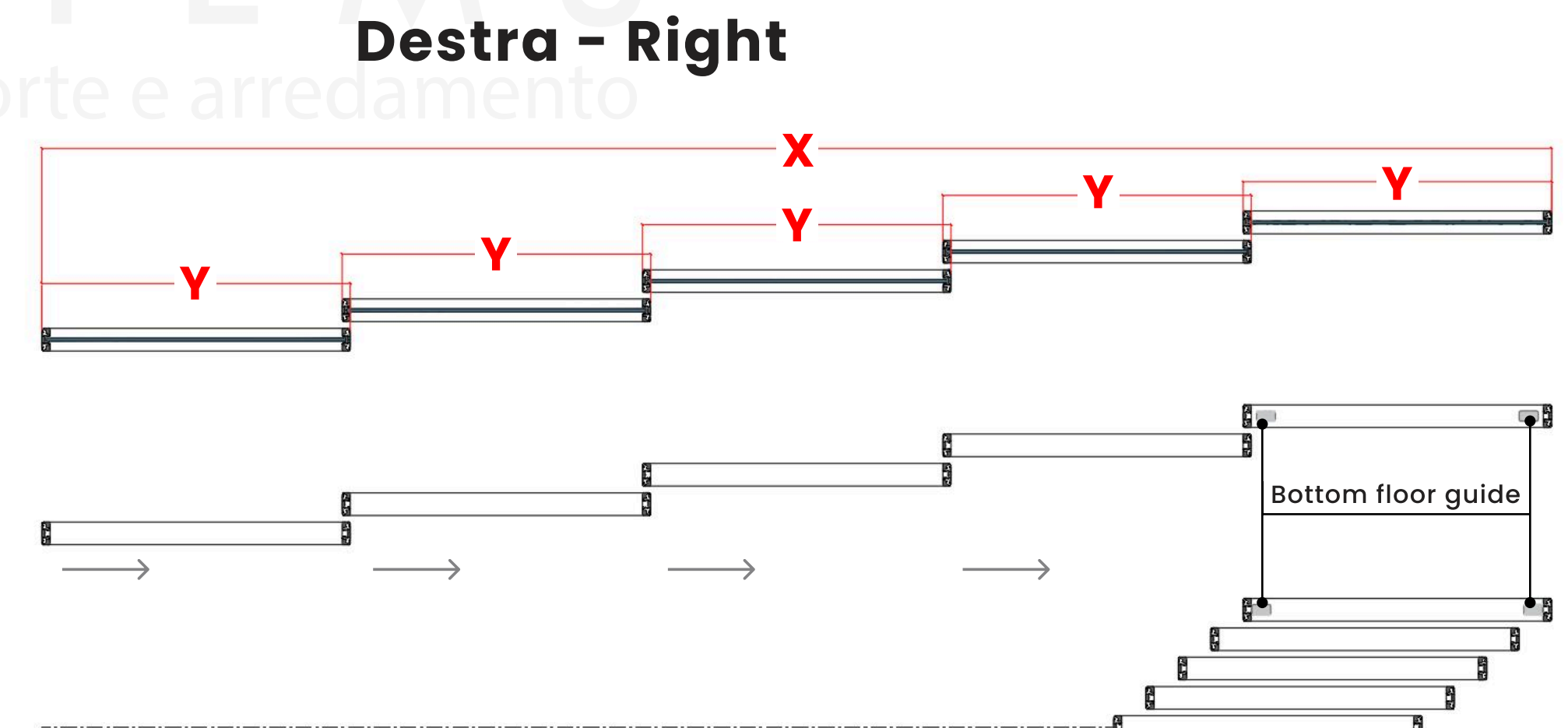
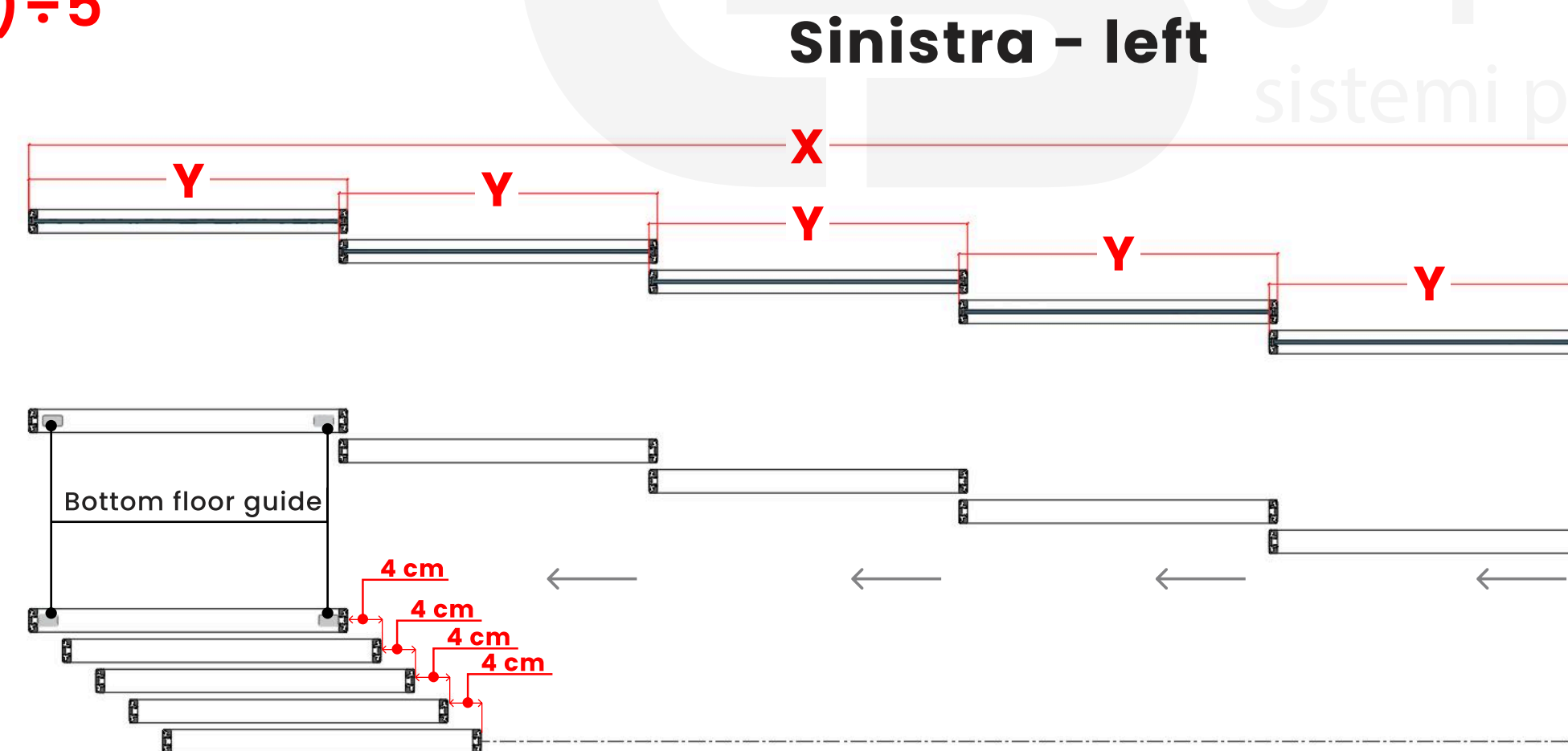
5 Ante

Plan View — Door Shutter

Top view showing the door shutter dimensions and alignment.

X: vide

Y: $(X+6.4) \div 5$

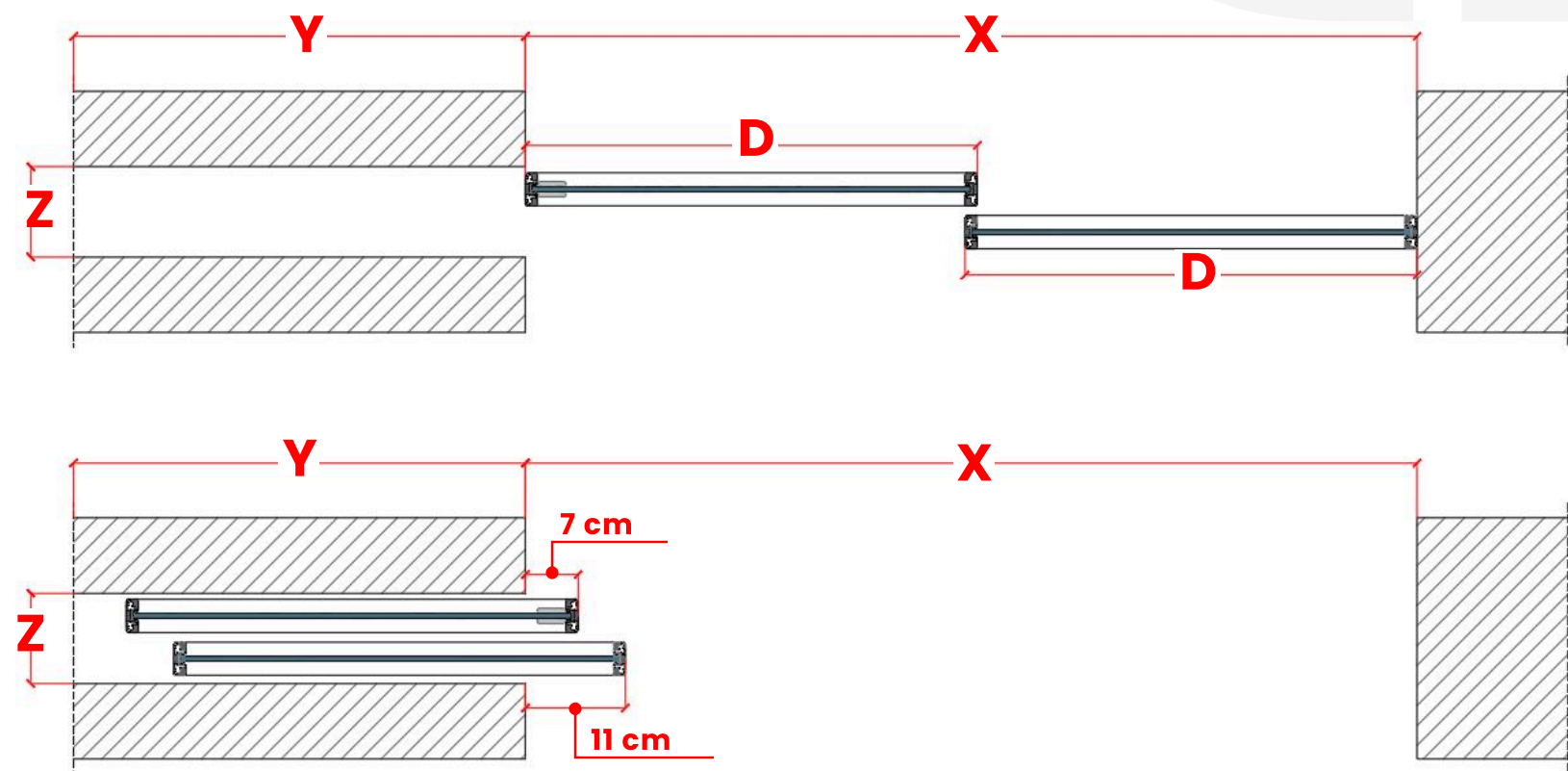


HIDDEN SLIDING SYSTEMS

Hidden 2 Ante

Option 1 – Visible Profiles When Closed

- When closed, the vertical aluminium profile remains visible.
- When open, part of the door stays outside the wall due to the floor guide.

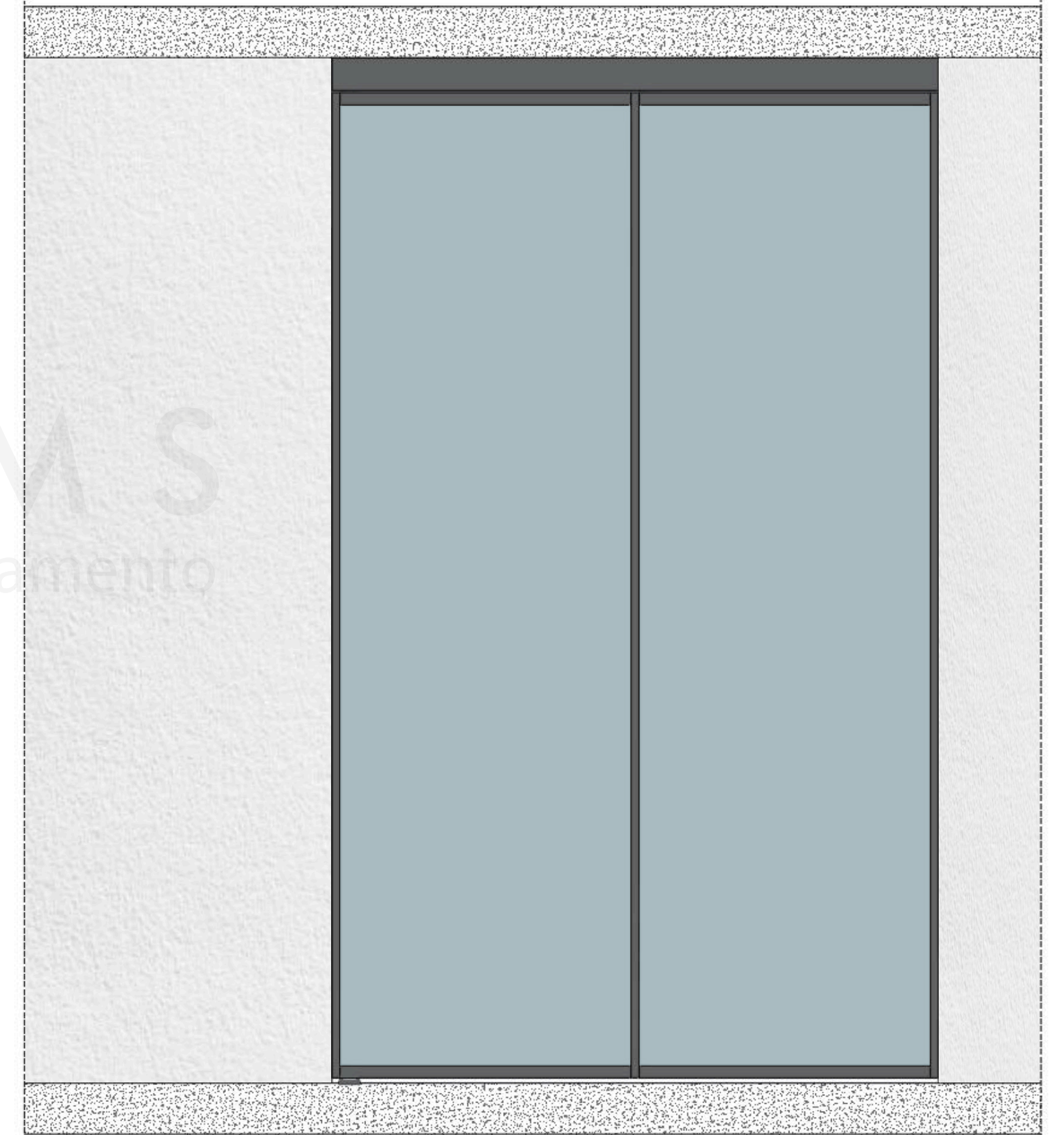


X= Door Opening Width

Y= minimum $D-7$ cm

Z= minimum 10 cm

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

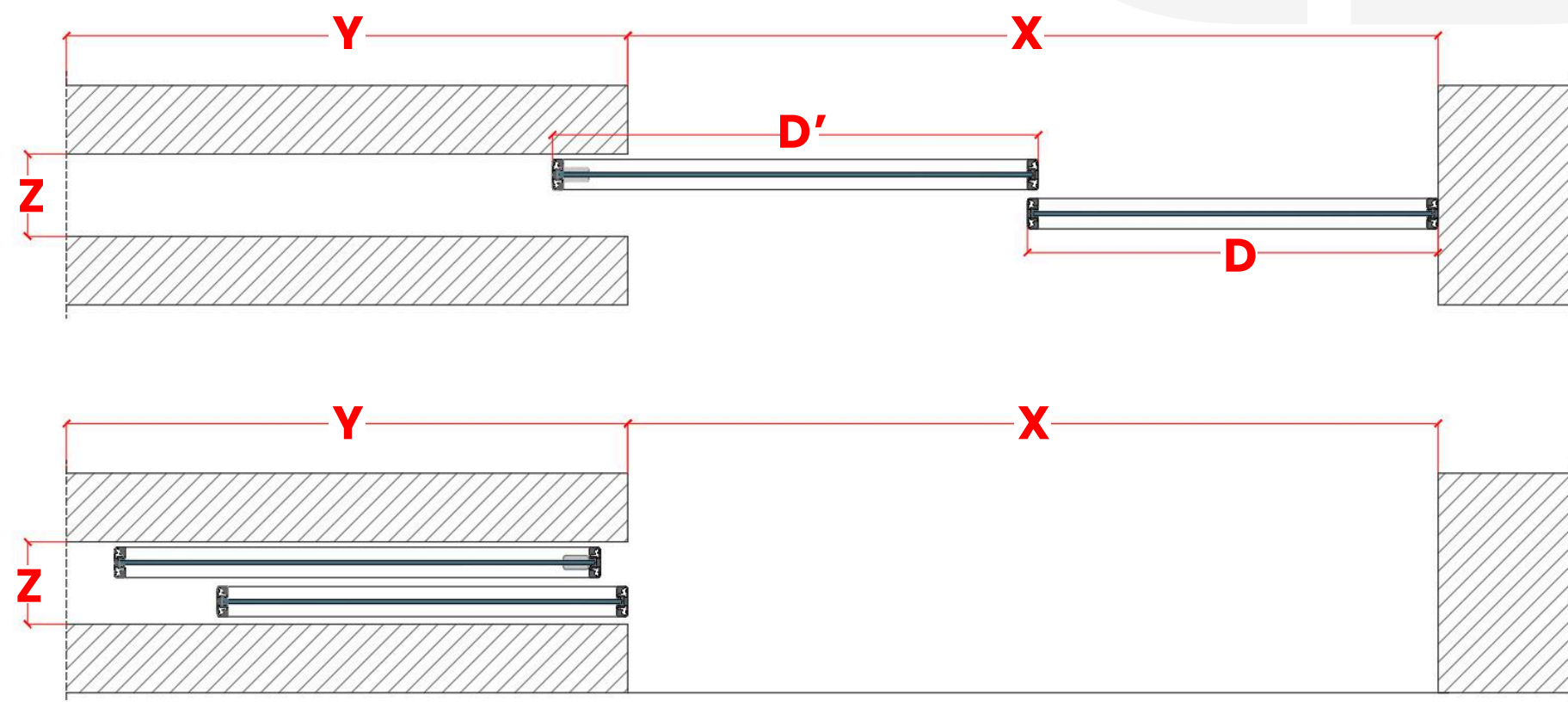


HIDDEN SLIDING SYSTEMS

Hidden 2 Ante

Option 2 – Concealed Profiles When Open

- When closed, the vertical aluminium profile is hidden behind the wall.
- When open, the door slides fully into the wall for complete concealment.



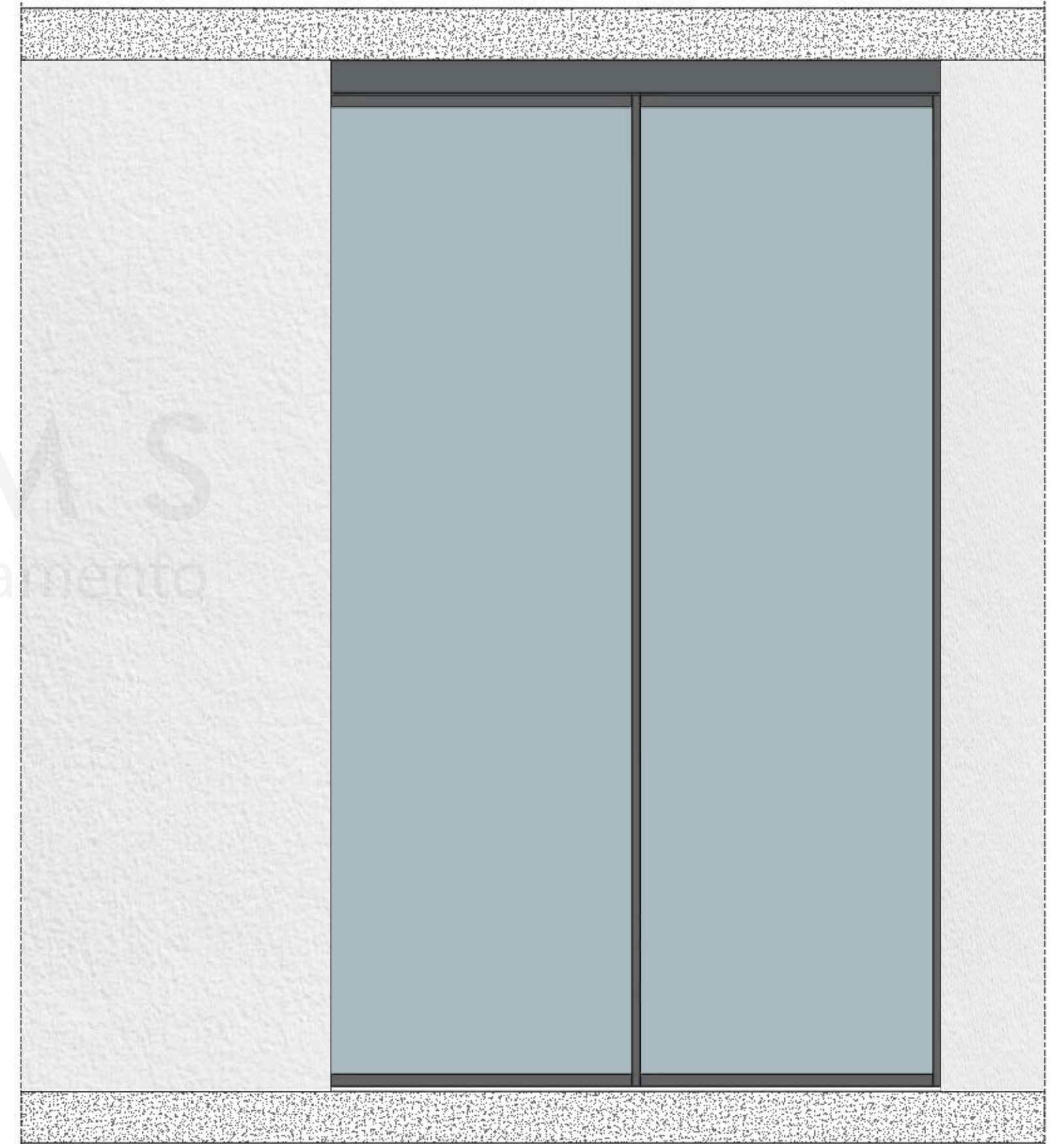
X= Door Opening Width

Y= minimum $D'+4$

Z= minimum 10 cm

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

$D' = D+11$

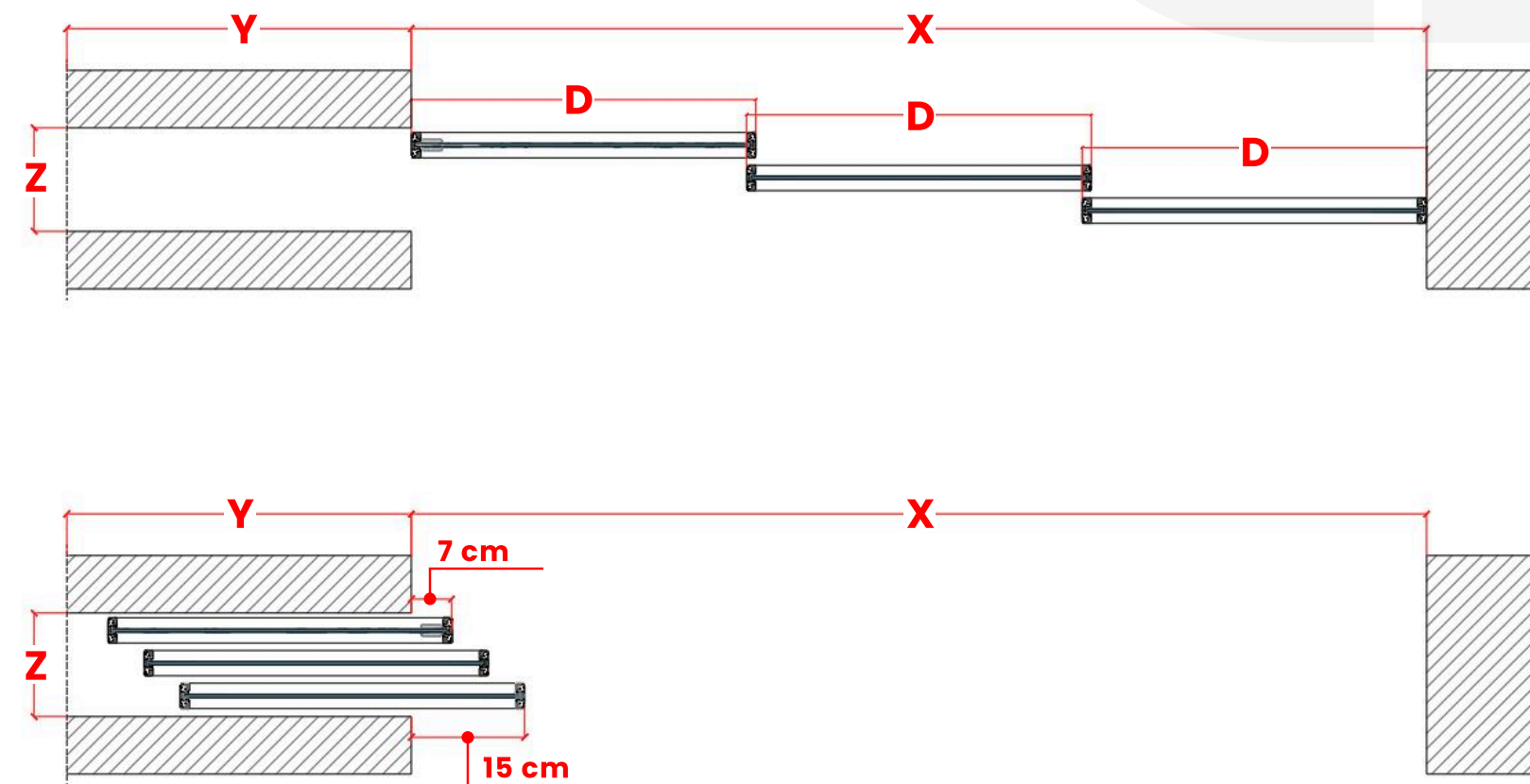


HIDDEN SLIDING SYSTEMS

Hidden 3 Ante

Option 1 – Visible Profiles When Closed

- When closed, the vertical aluminium profile remains visible.
- When open, part of the door stays outside the wall due to the floor guide.

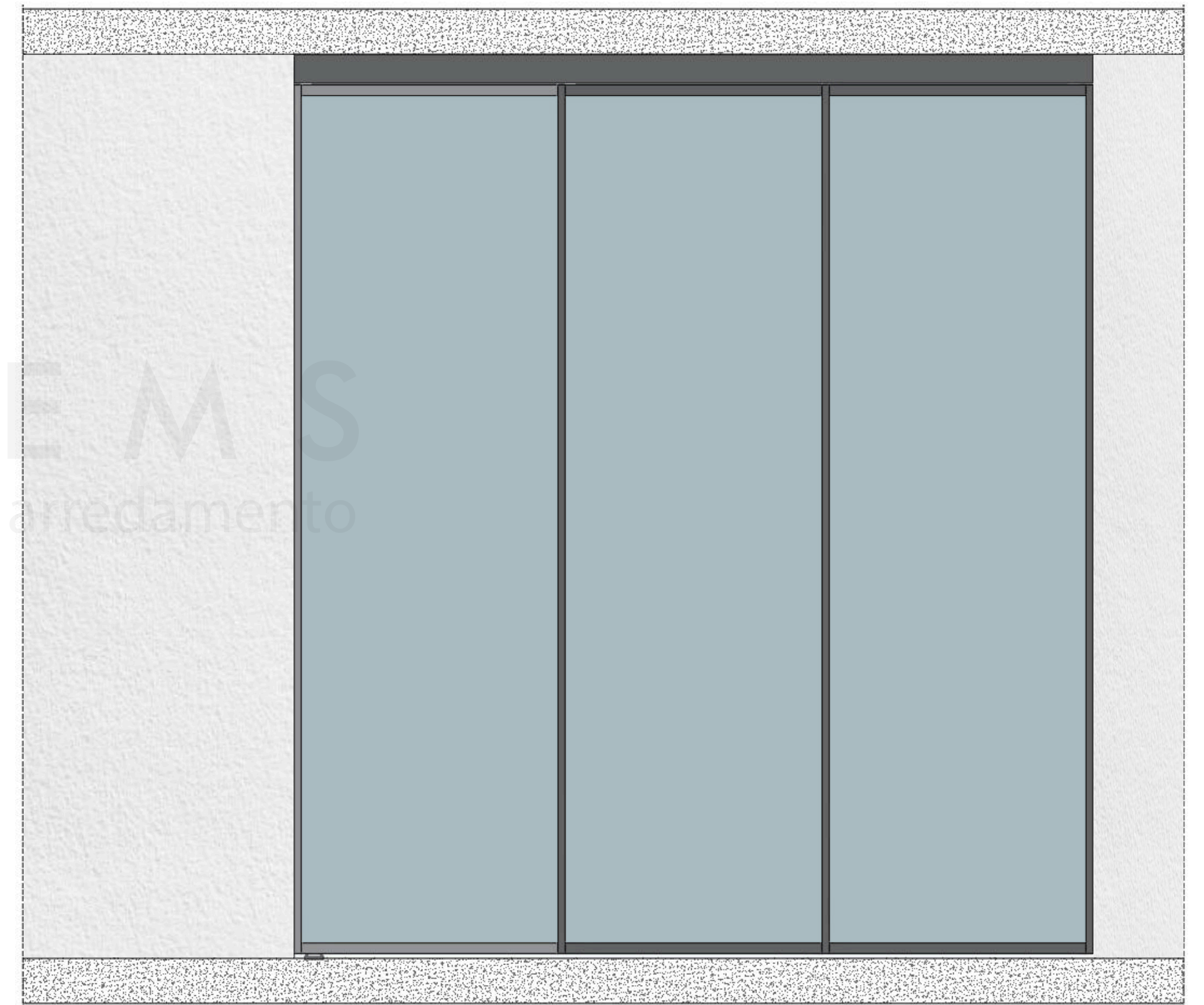


X= Door Opening Width

Y= minimum $D-7$ cm

Z= minimum 15 cm

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

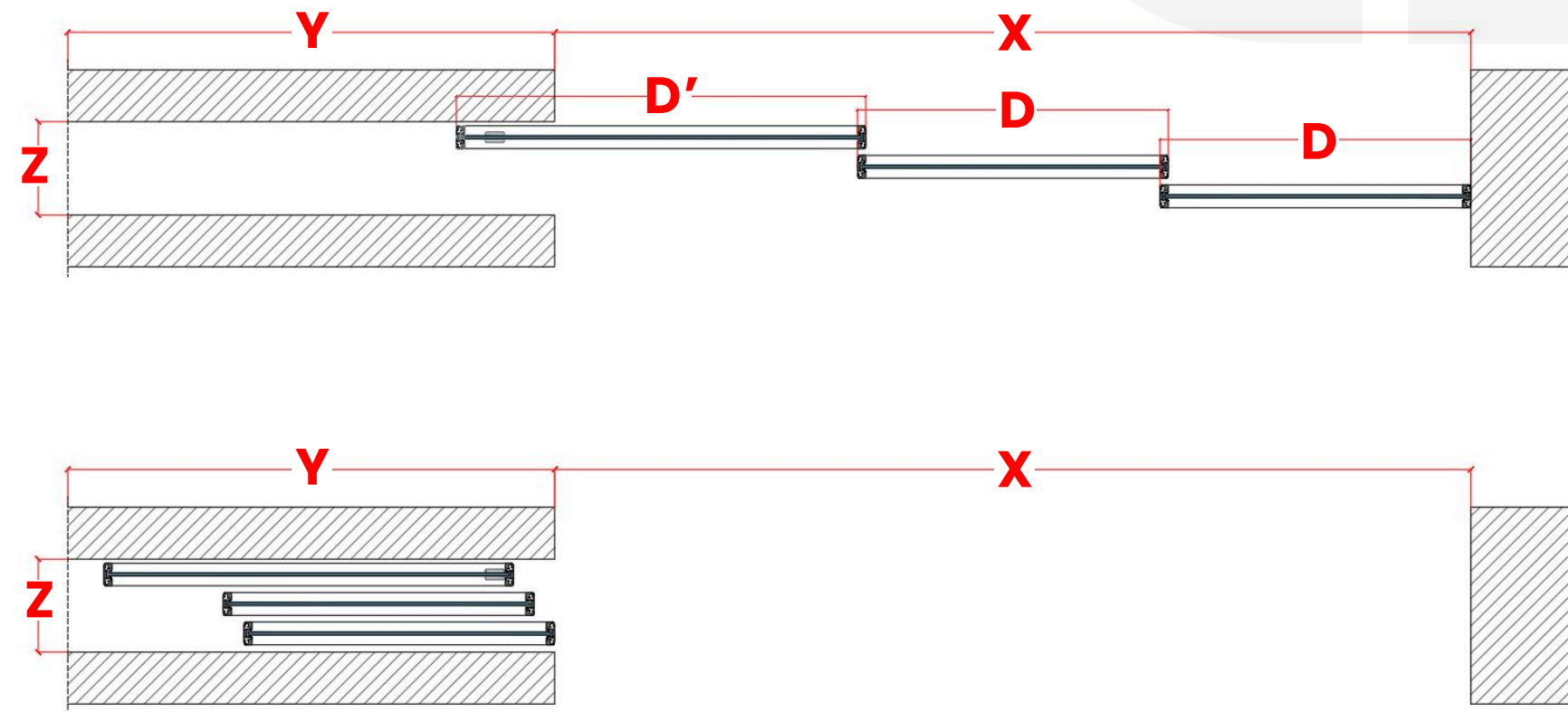


HIDDEN SLIDING SYSTEMS

Hidden 3 Ante

Option 2 – Concealed Profiles When Open

- When closed, the vertical aluminium profile is hidden behind the wall.
- When open, the door slides fully into the wall for complete concealment.



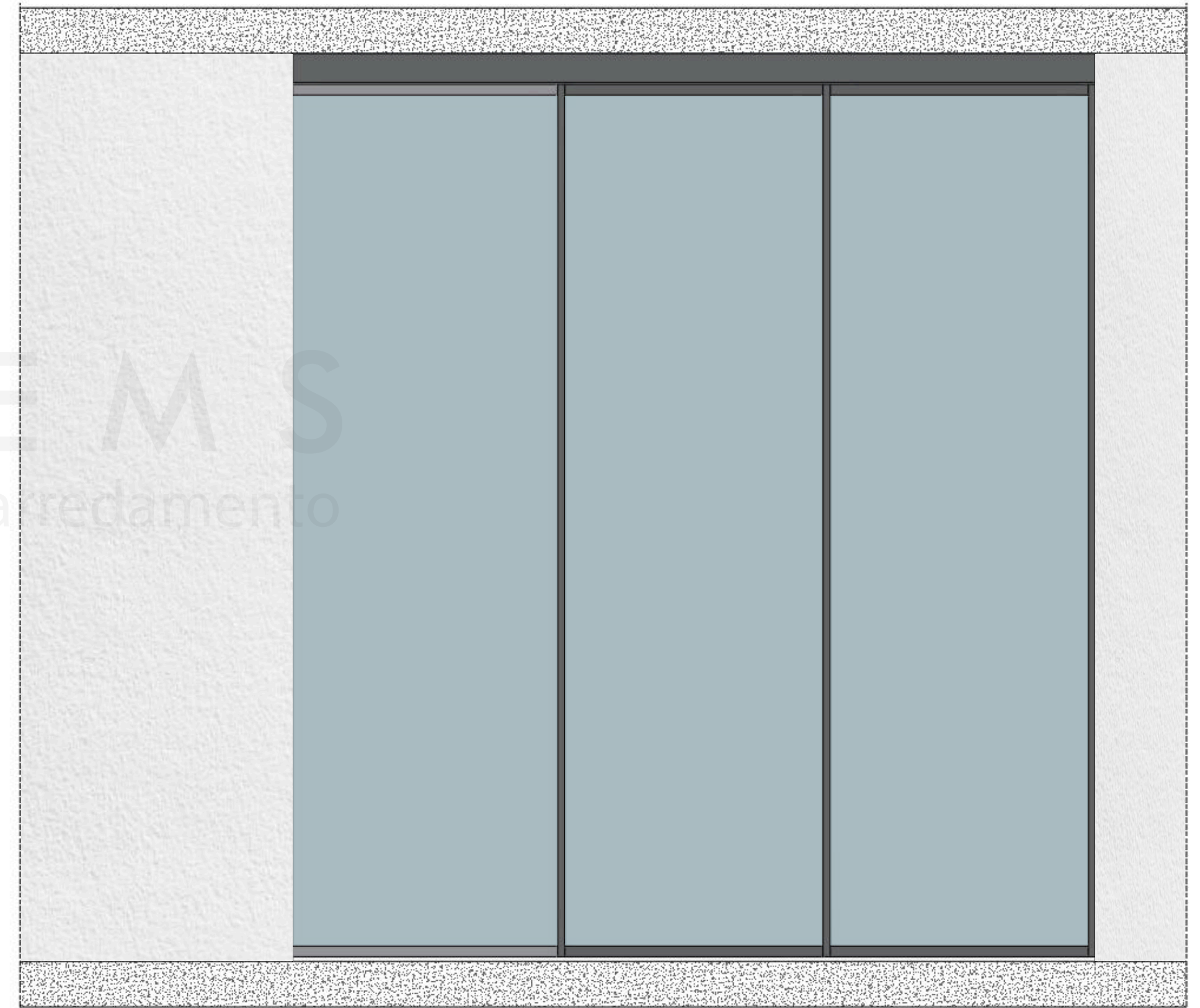
X= Door Opening Width

Y= minimum $D' + 8$

Z= minimum 15 cm

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

D'= $D + 19$

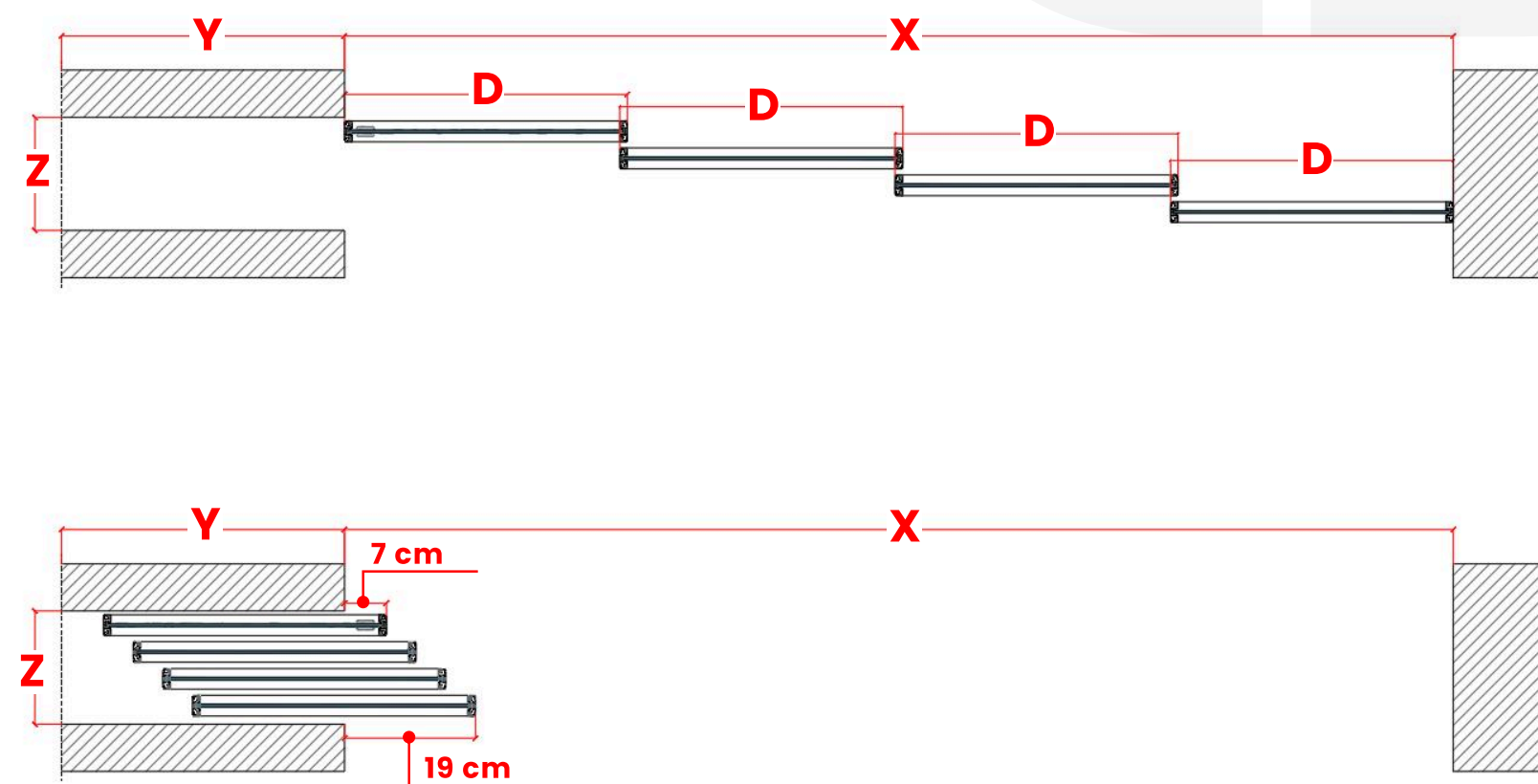


HIDDEN SLIDING SYSTEMS

Hidden 4 Ante

Option 1 – Visible Profiles When Closed

- When closed, the vertical aluminium profile remains visible.
- When open, part of the door stays outside the wall due to the floor guide.

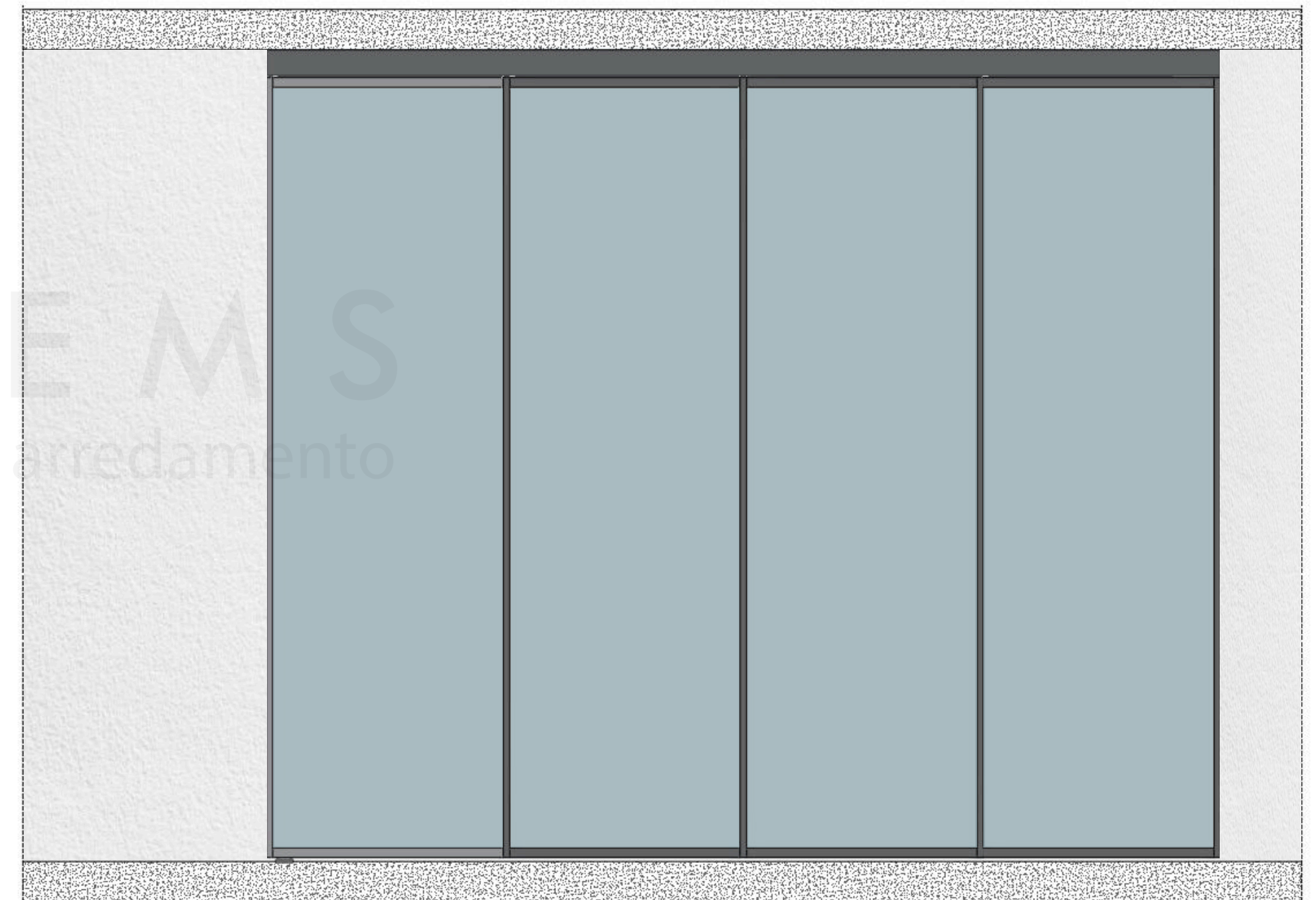


X= Door Opening Width

Y= minimum $D-7$ cm

Z= minimum 20 cm

$$D = (X + 4.8) \div 4$$

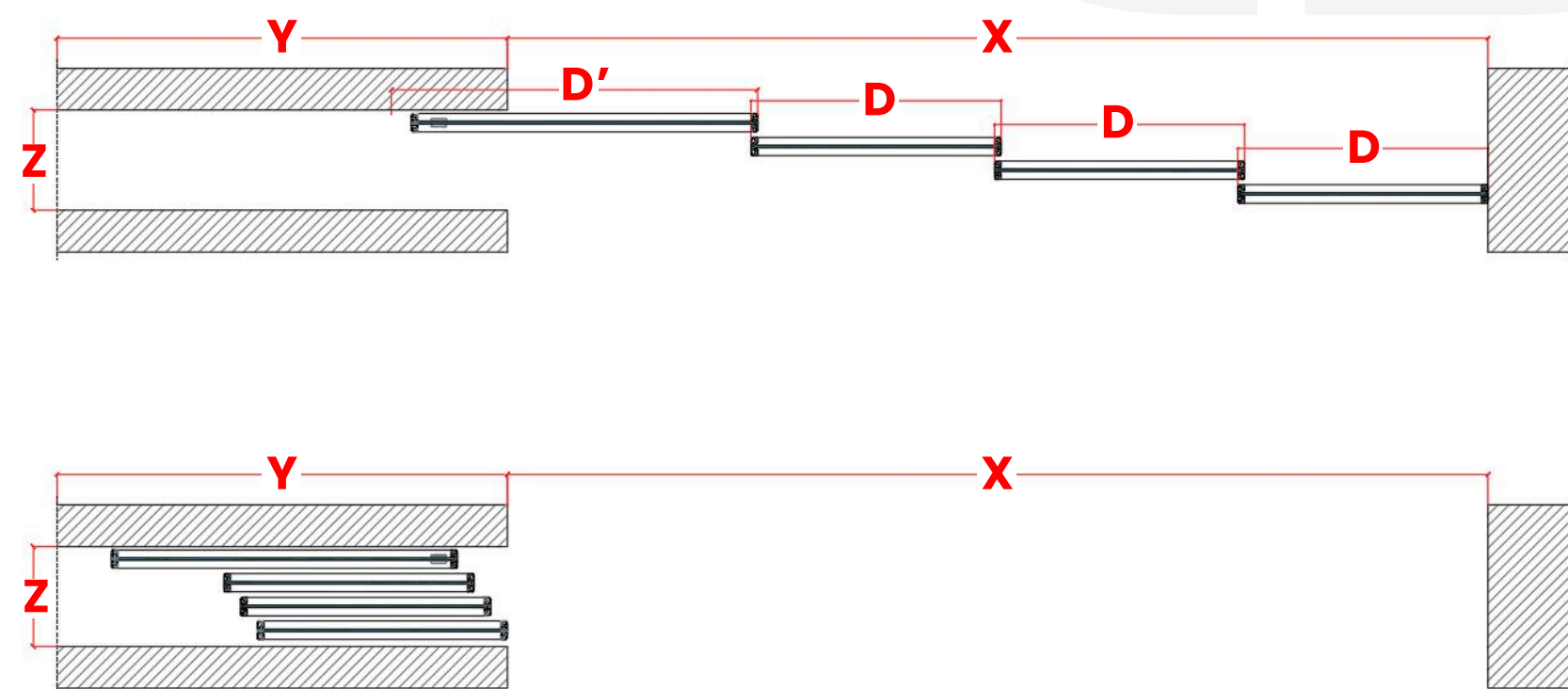


HIDDEN SLIDING SYSTEMS

Hidden 4 Ante

Option 2 – Concealed Profiles When Open

- When closed, the vertical aluminium profile is hidden behind the wall.
- When open, the door slides fully into the wall for complete concealment.



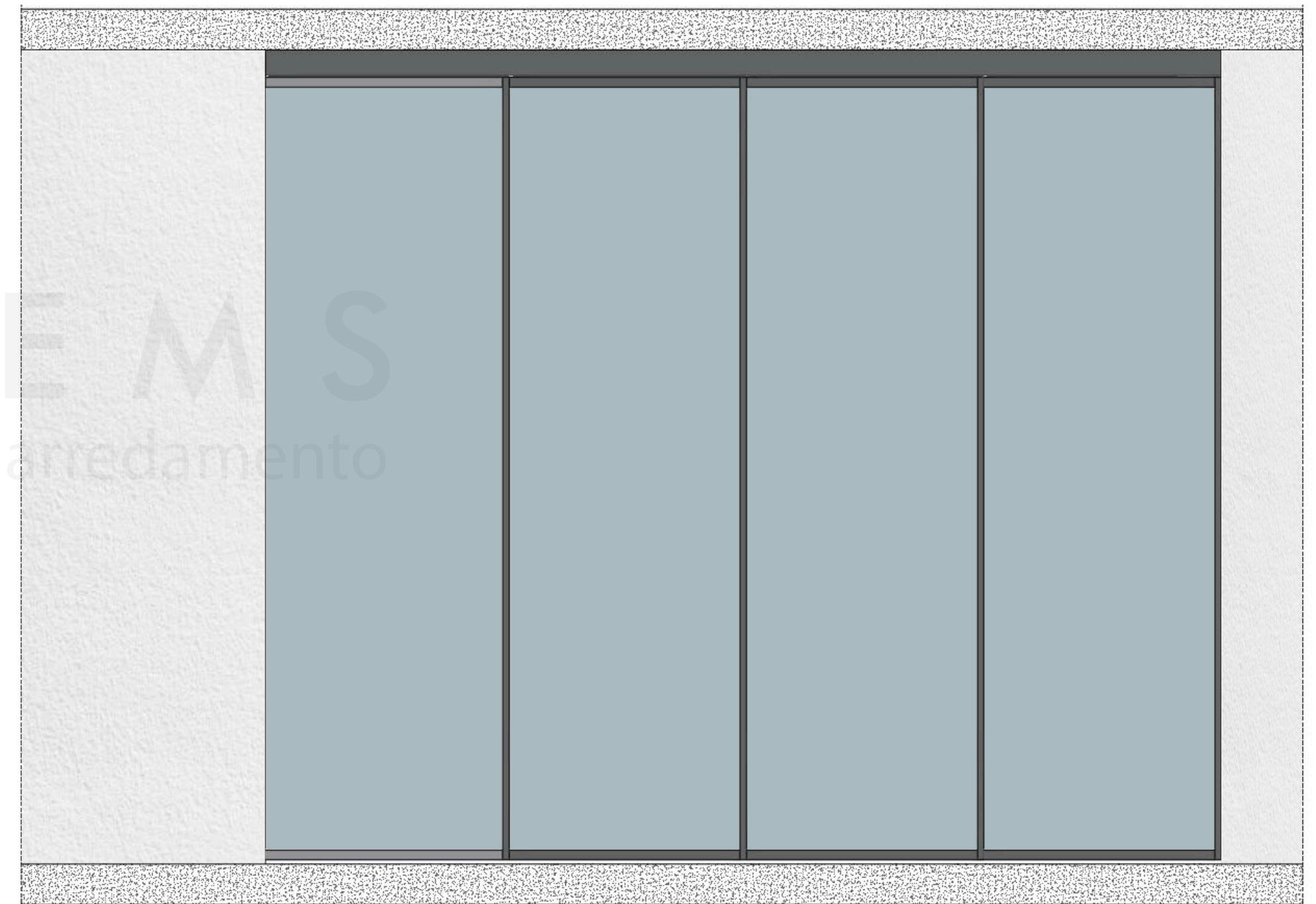
X= Door Opening Width

Y= minimum $D'+12$

Z= minimum 20 cm

D= $(X+4.8) \div 4$

D'= $D+23$

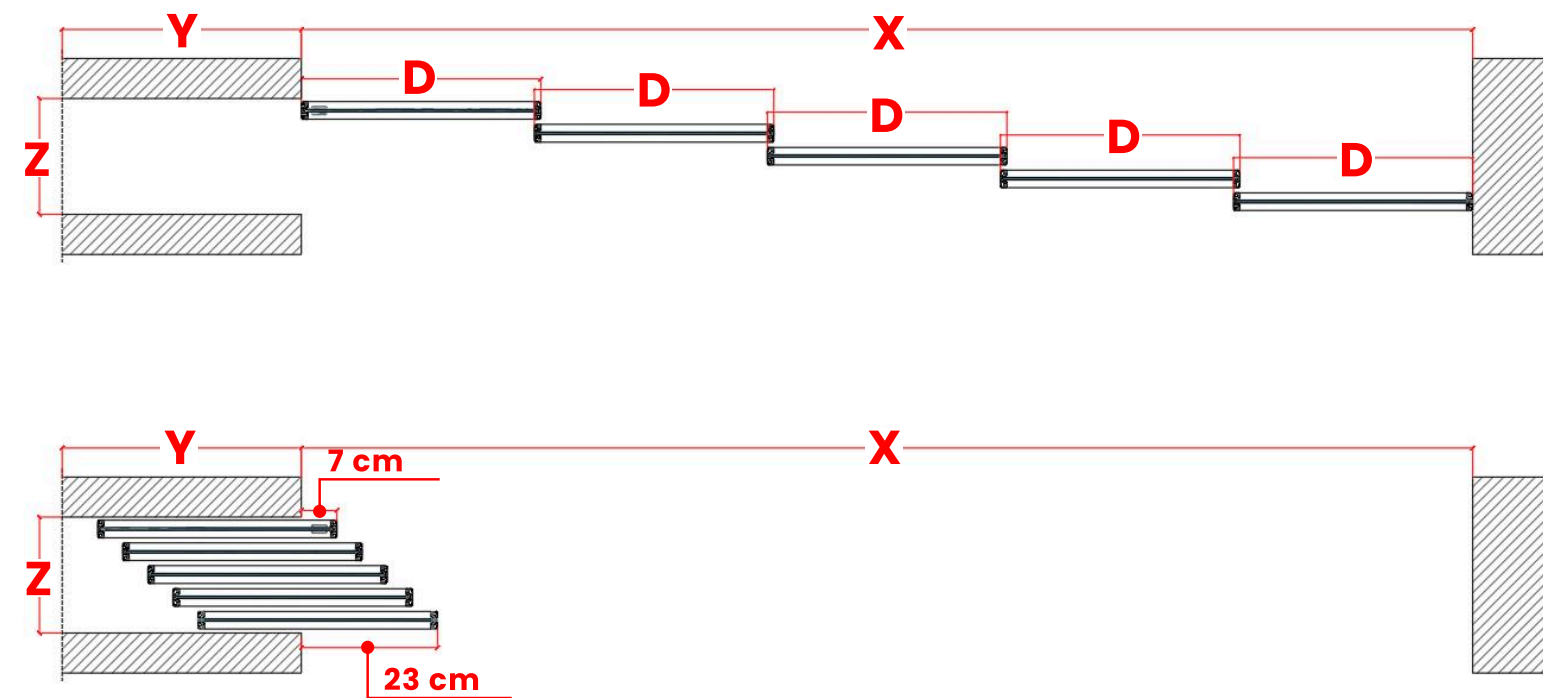


HIDDEN SLIDING SYSTEMS

Hidden 5 Ante

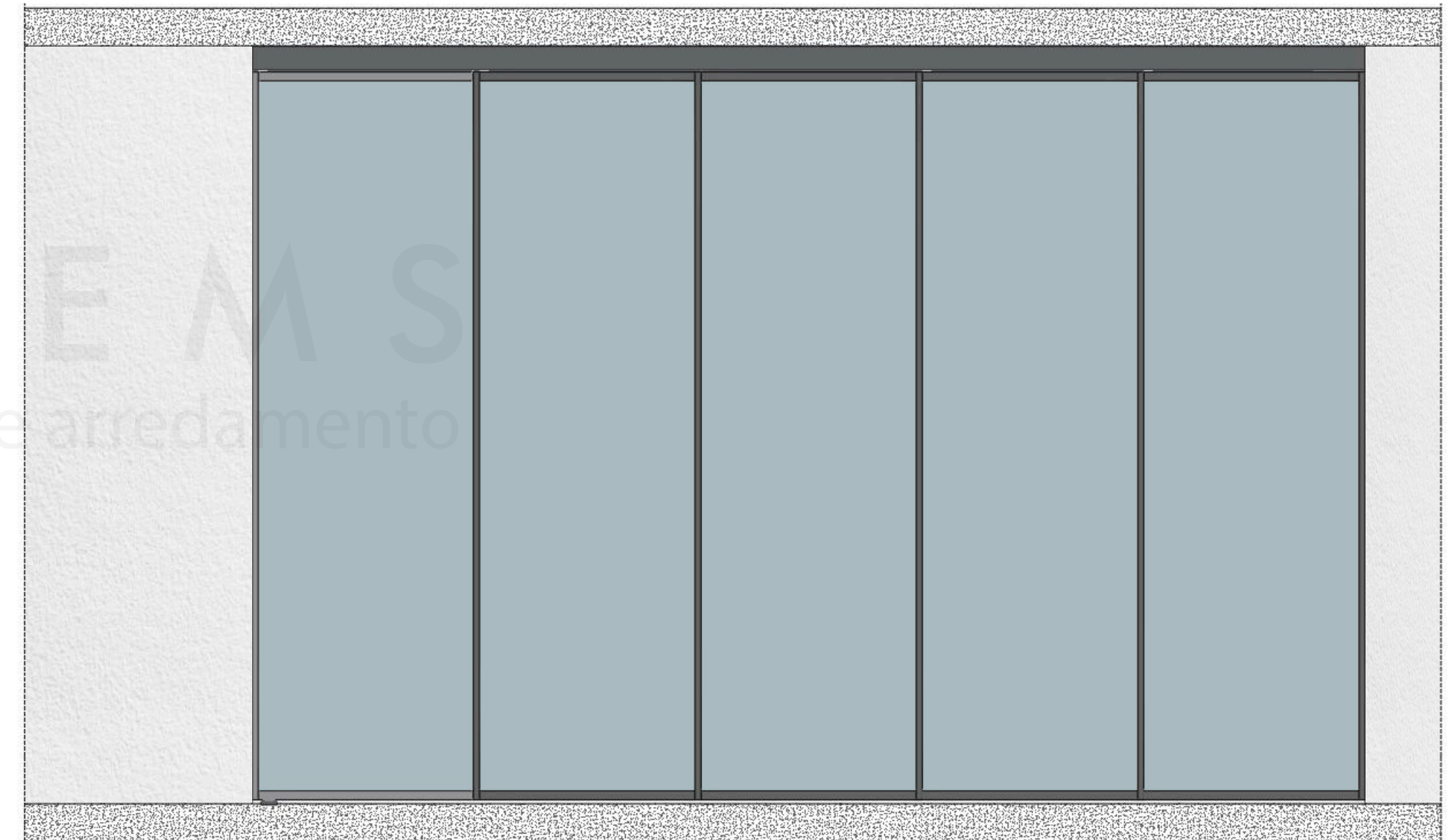
Option 1 – Visible Profiles When Closed

- When closed, the vertical aluminium profile remains visible.
- When open, part of the door stays outside the wall due to the floor guide.



X = Door Opening Width
Y = minimum $D - 7$ cm
Z = minimum 25 cm

$$D = (X + 6.4) \div 5$$

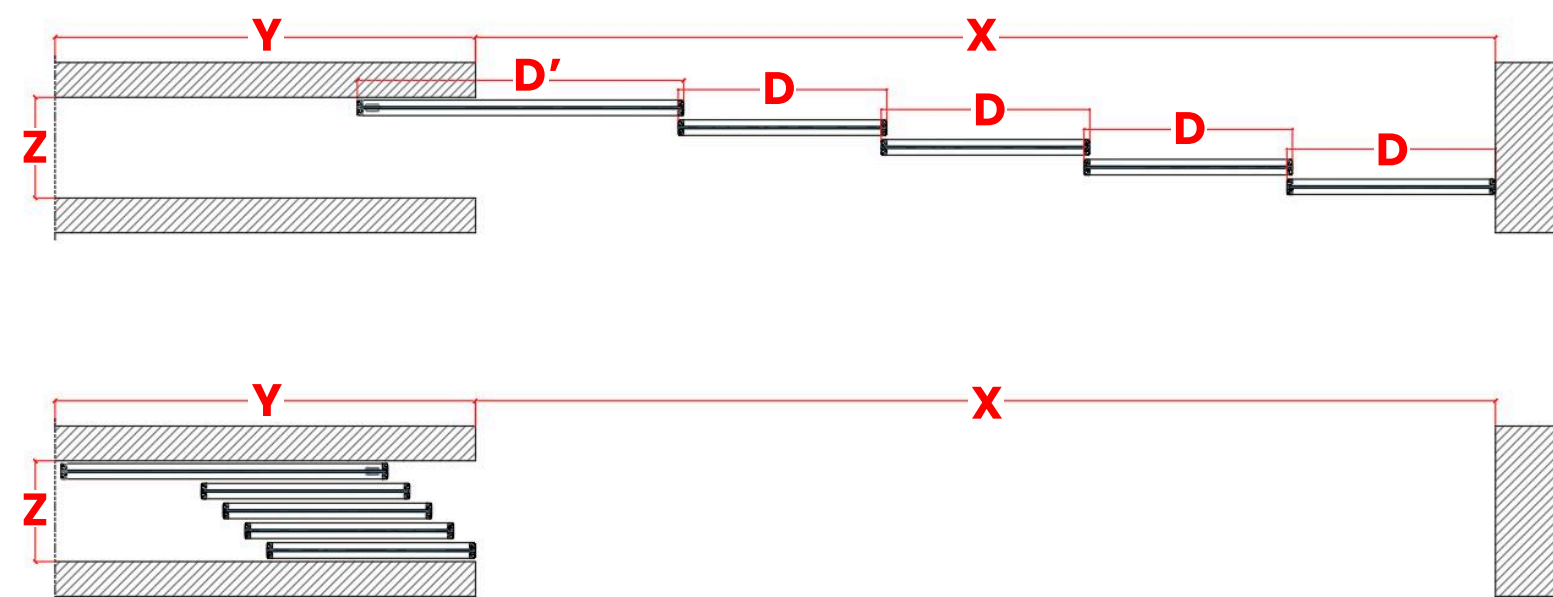


HIDDEN SLIDING SYSTEMS

Hidden 5 Ante

Option 2 – Concealed Profiles When Open

- When closed, the vertical aluminium profile is hidden behind the wall.
- When open, the door slides fully into the wall for complete concealment.



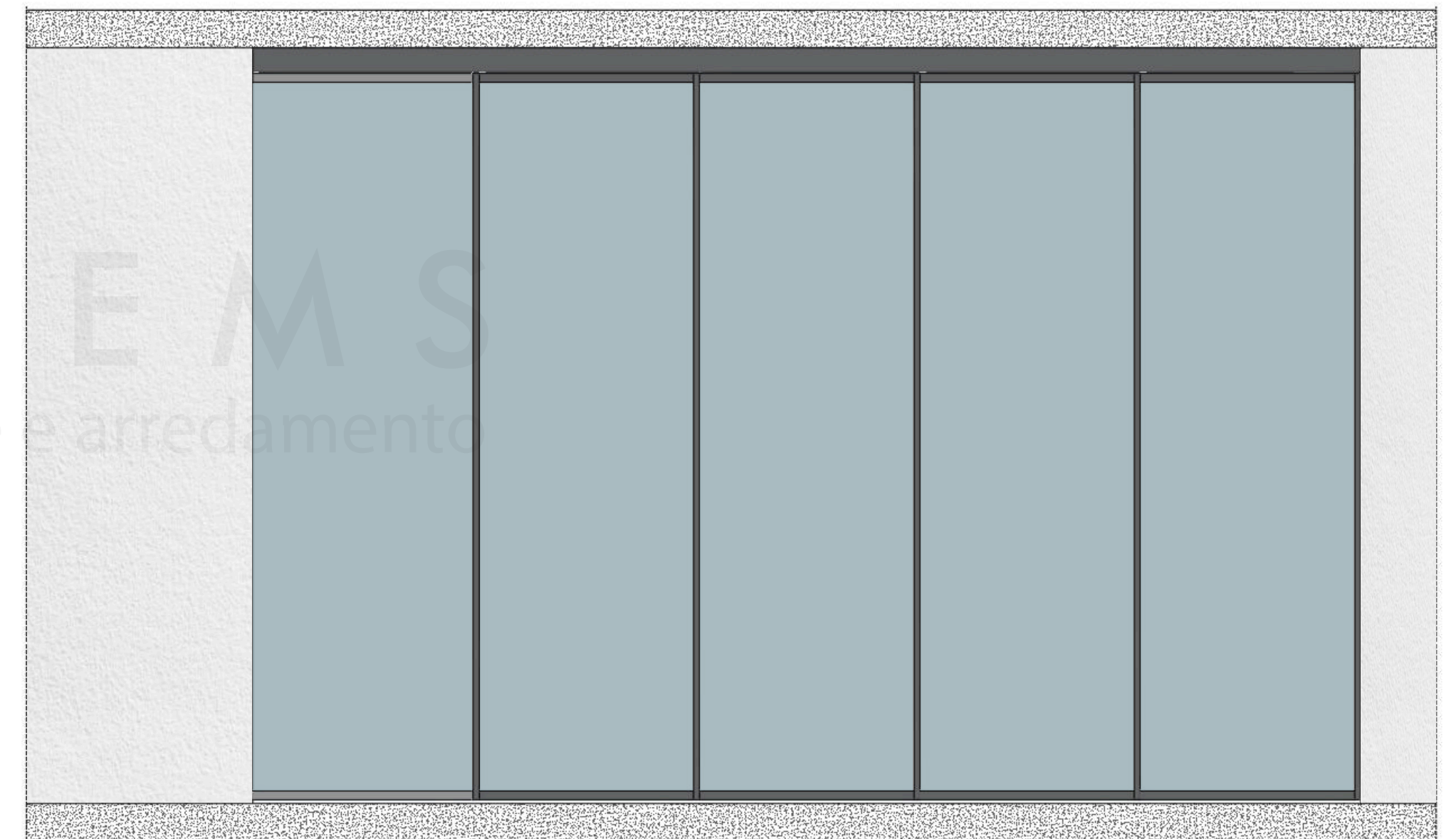
X= Door Opening Width

Y= minimum $D'+16$

Z= minimum 25 cm

D= $(X+6.4) \div 5$

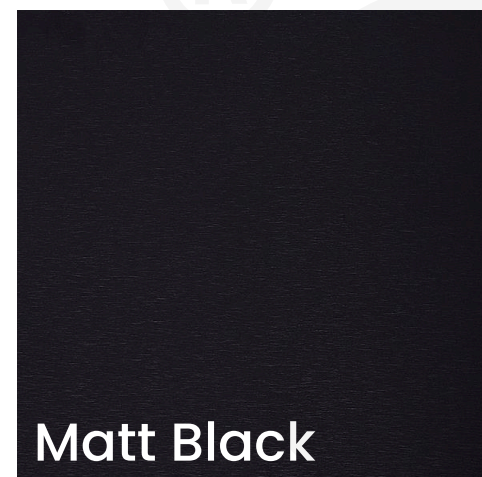
D'= $D+34$



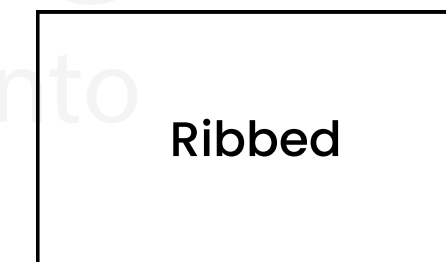
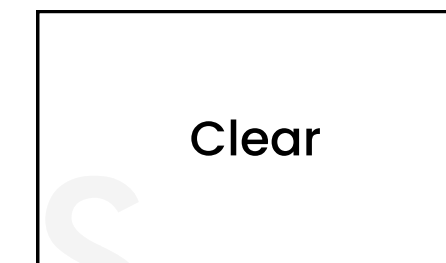
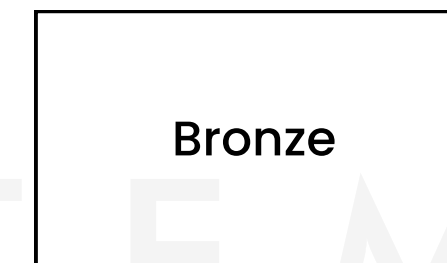
DOOR SHUTTERS

Colors and Glass Selections

- Color Options



- Glass Options



Note: Glass 6 mm



| Doors

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