SLIDING DOOR
INSTALLATION MANUAL

KAVIDOORS USA



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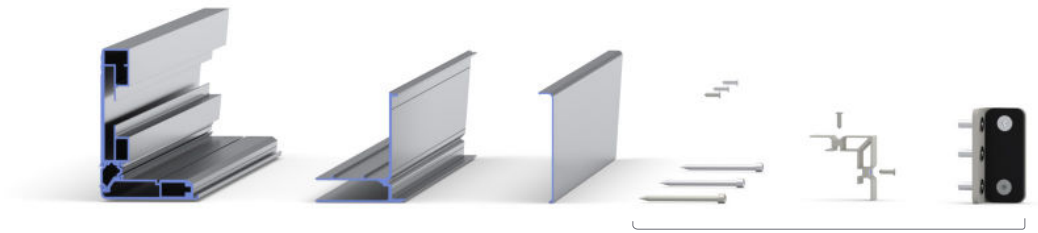
SLIDING DOOR FREEZER 49

WINDOW GENERIC 50



FRAME
ASSEMBLY

COMPONENTS



FRAME *BACK FRAME* *COVER* *HARDWARE*



01 MEASURE THE PANEL GAP

MEASURING TAPE



Ensure that the panel gap measurements are accurate. Below are the formulas to verify the measurements, based on two previously known dimensions:

"**X**" (opening width) and "**Y**" (opening height).

w	Wall opening width	**X + 3”**
h	Wall opening height	**Y + 1 1/2”**
t	Top track length	**(X*2) + 16 3/4”**
g	Track height	**Y + 10”**

The product drawings indicate two additional measurements to consider when assembling the frame:

j	External jamb	**X + 7 1/2”**
f	External frame	**X + 10 1/4”**



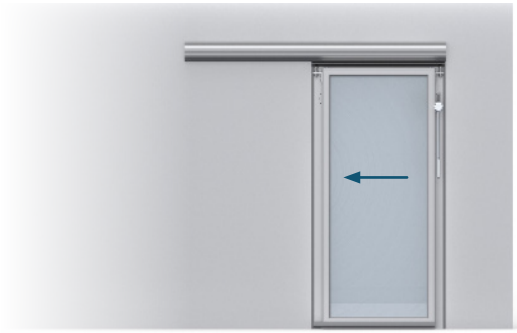
02 INSTALL THE OUTER HANDLE “STOP”

ALLEN WRENCH

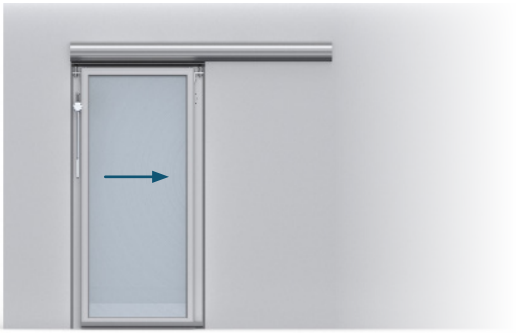


Attach the outer handle stop to the frame profile by screwing it in place. Before this step, vertically insert the screw plate into the aluminum profile. Depending on the direction in which the door will open, mount the stop on either the right or the left profile.

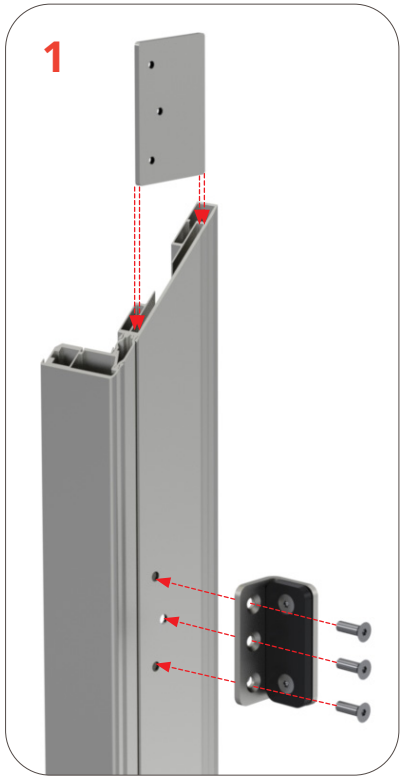
If the door **opens to the left**, the handle stop should be installed on the right frame profile.

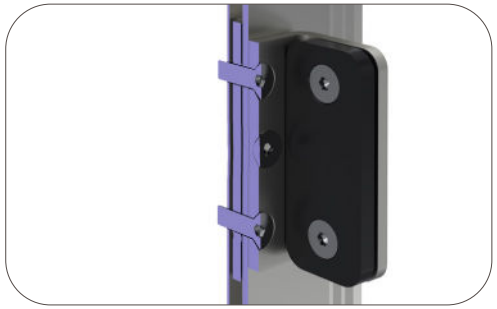


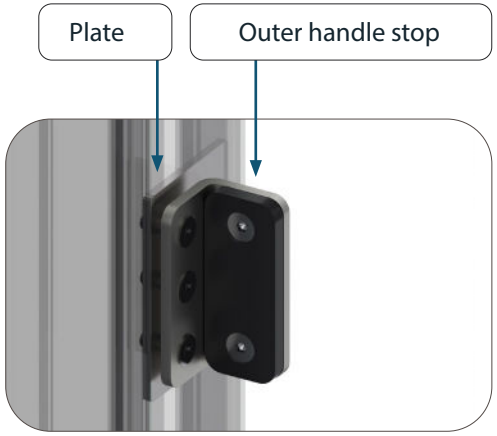
If the door **opens to the right**, the handle stop should be installed on the left frame profile.



1







2



03 SET UP THE FRAME

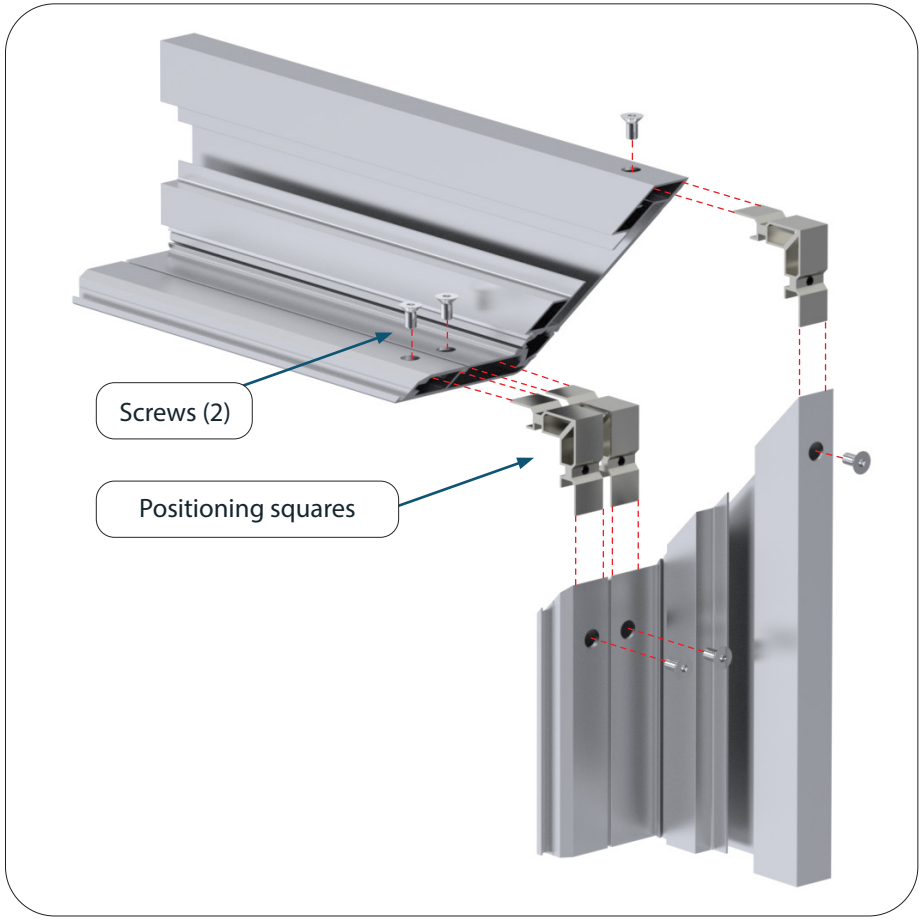
SCREWDRIVER

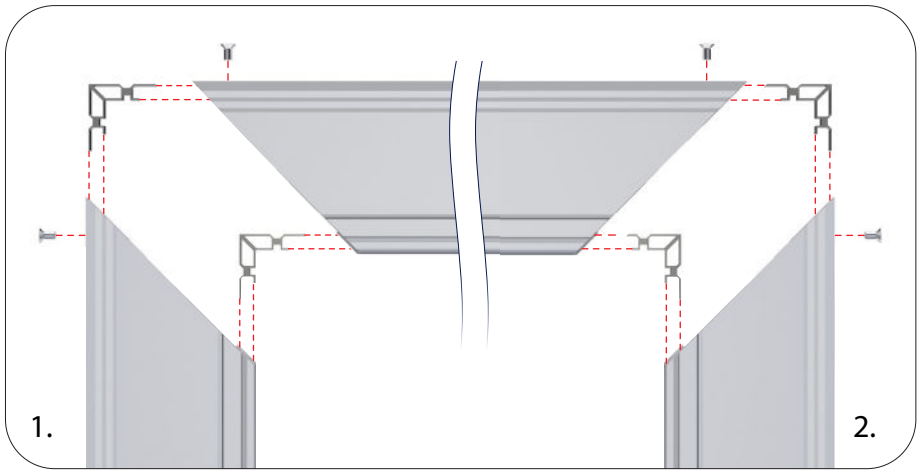


Insert the positioning squares into the frame profiles, placing three in each of the upper corners (1 and 2). Then, attach each bracket from the outside and from the top of the frame using Screws (2)

Screws (2)
SPECIFICATIONS:



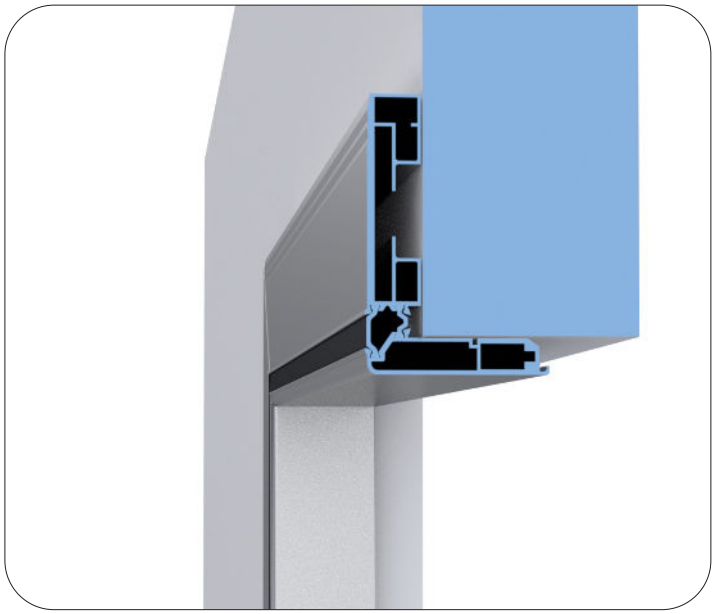


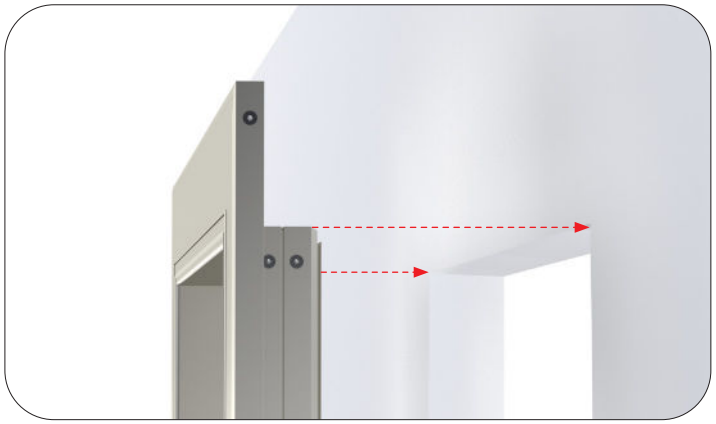


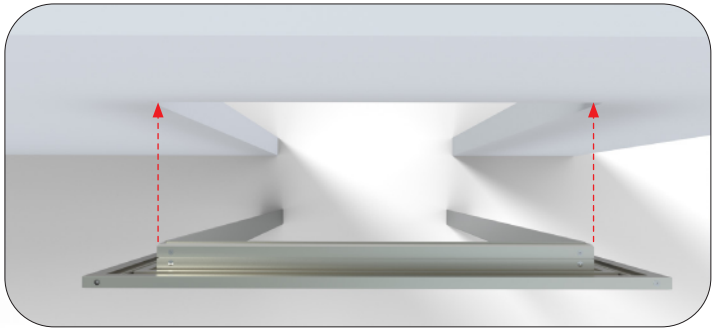
04 PLACE THE FRAME ON THE PANEL

Insert the pre-assembled frame into the panel gap from the side of the panel that will be the exterior side of the door.





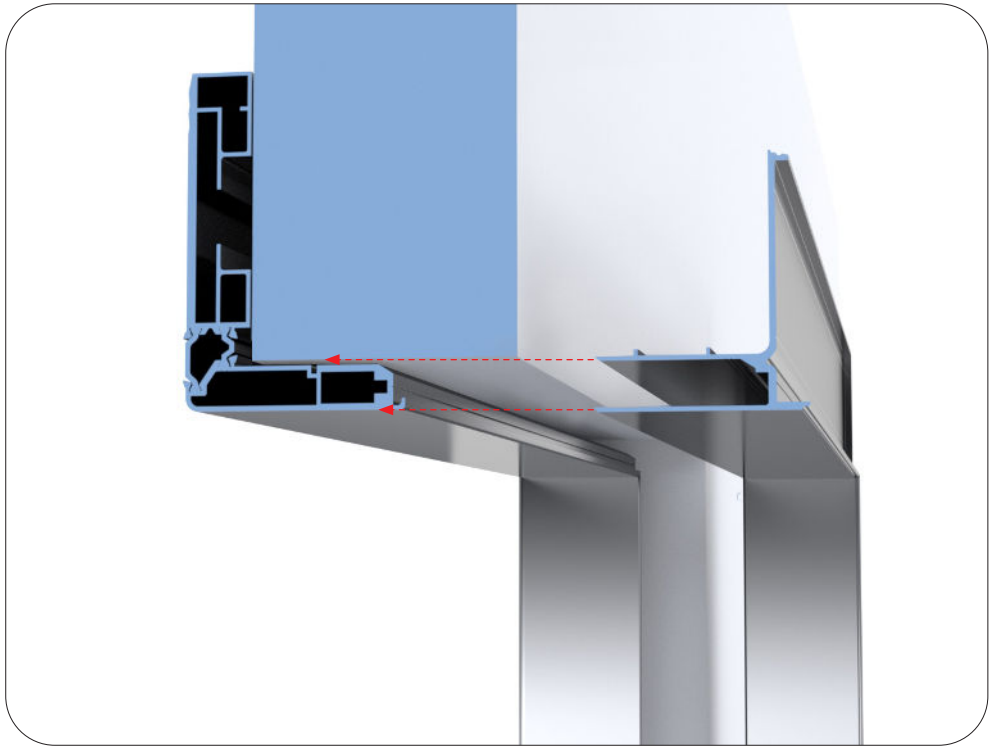




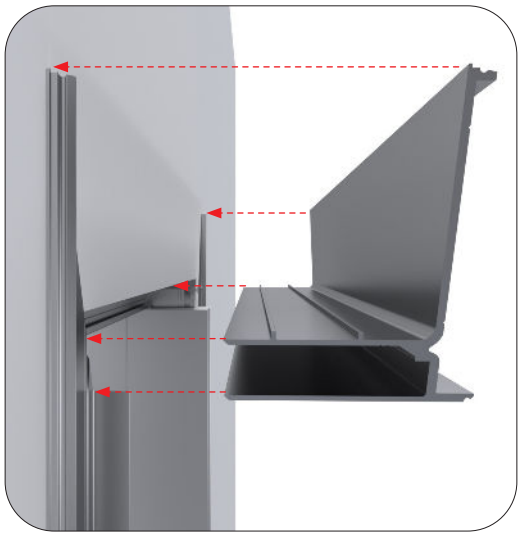
05 PLACE THE BACK FRAME ON THE PANEL GAP.

Place the profiles of the counterframe in the panel gap, from the side of the panel where the interior of the door will be.



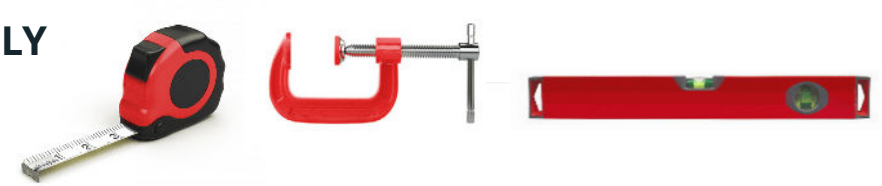






06 STABILIZE, LEVEL AND SQUARE THE ASSEMBLY

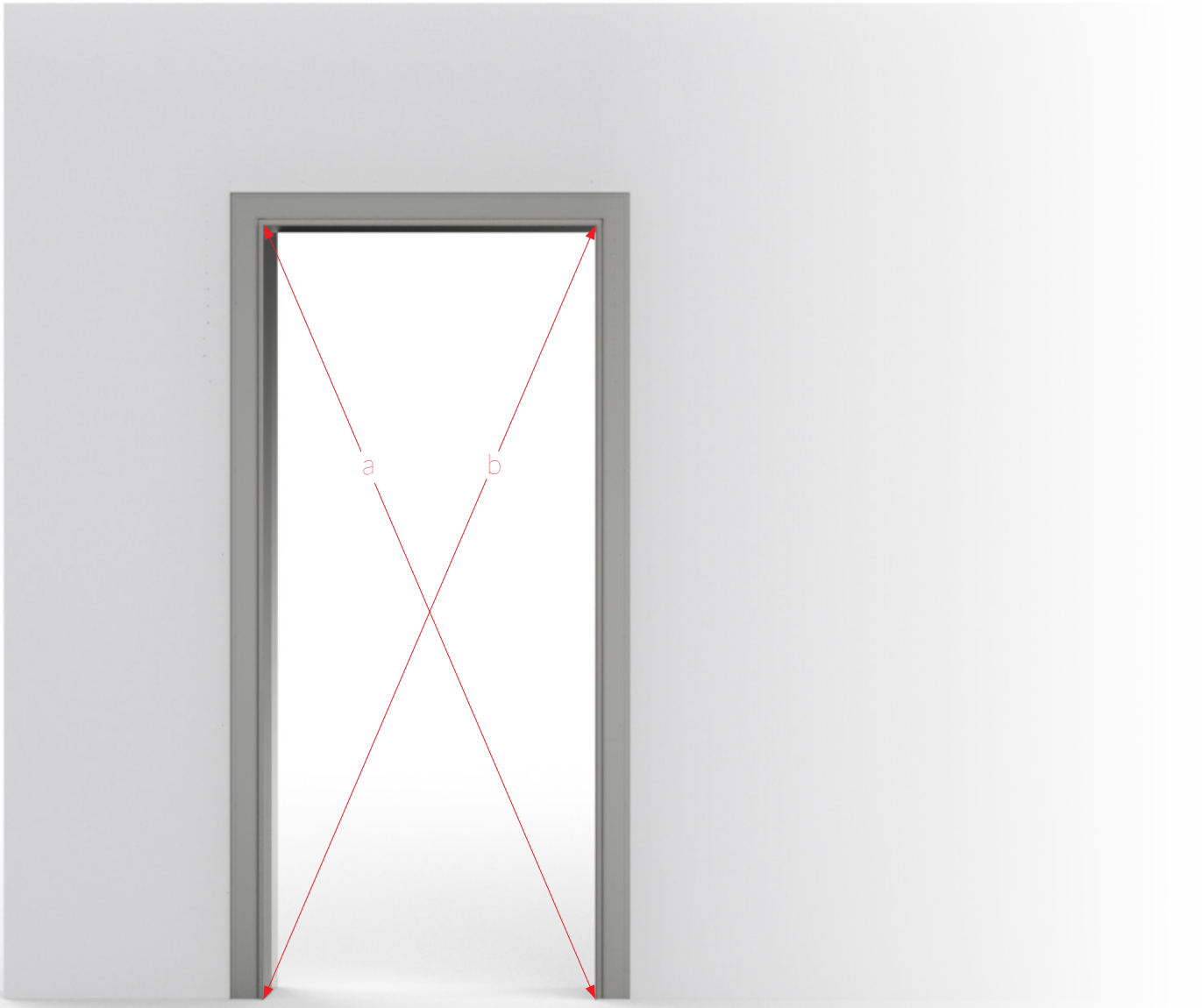
FASTENING JACKS, MEASURING TAPE, BUBBLE LEVELER



Before securing the back-frame with screws, it's crucial to ensure that the frame is straight and level.

To achieve this, verify that both diagonals of the assembly are of equal length. Then, position the jacks to stabilize the assembly and ready it for screwing.

a = b



07 SCREW THE BACK FRAME

ELECTRIC SCREWDRIVER



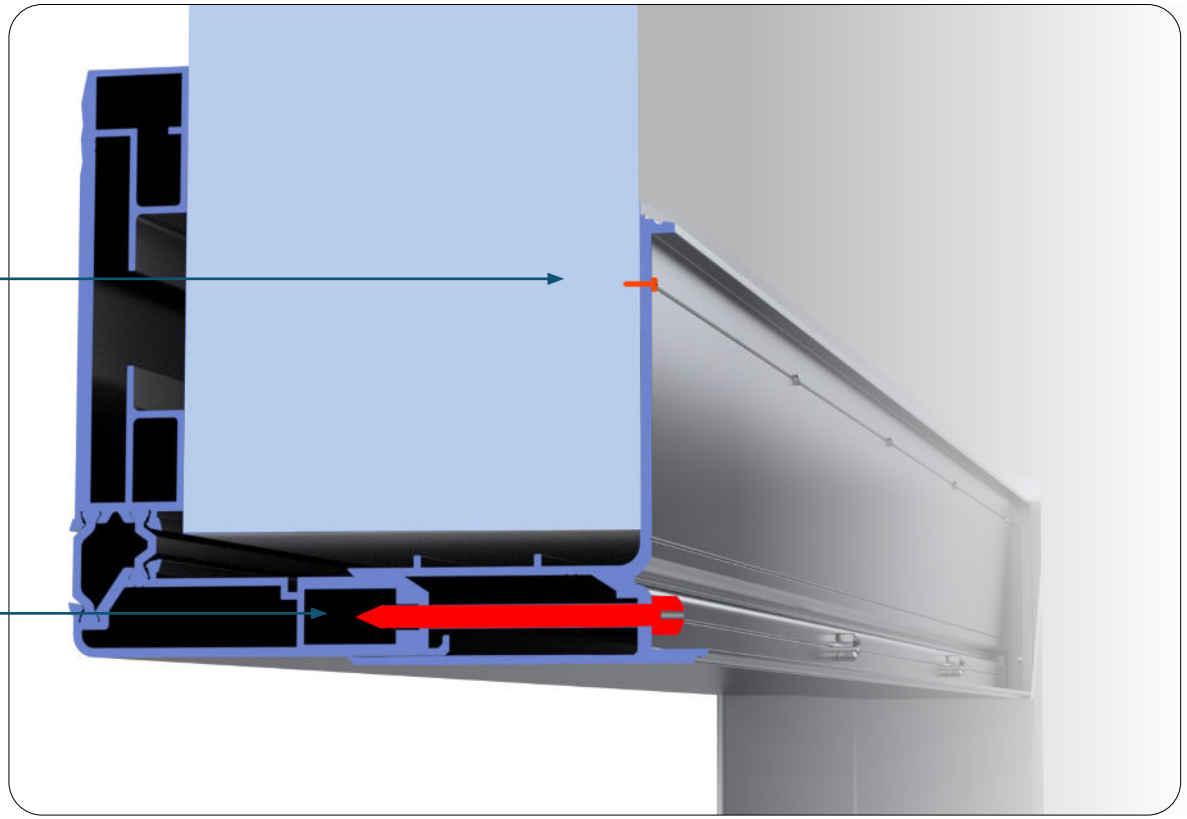
Secure the back frames to the panel and to the frame around the entire perimeter using Screws (3) and (4).

Screws (3): Exterior line of the back frame profile. Screw the back frame to the panel. SPECITICATIONS:

Screws (4): Interior line of the back frame profile. Screw the back frame to the frame SPECITICATIONS:

Screws (3)
Exterior line
Back frame - panel.

Screws (4)
Interior line
Back frame - frame

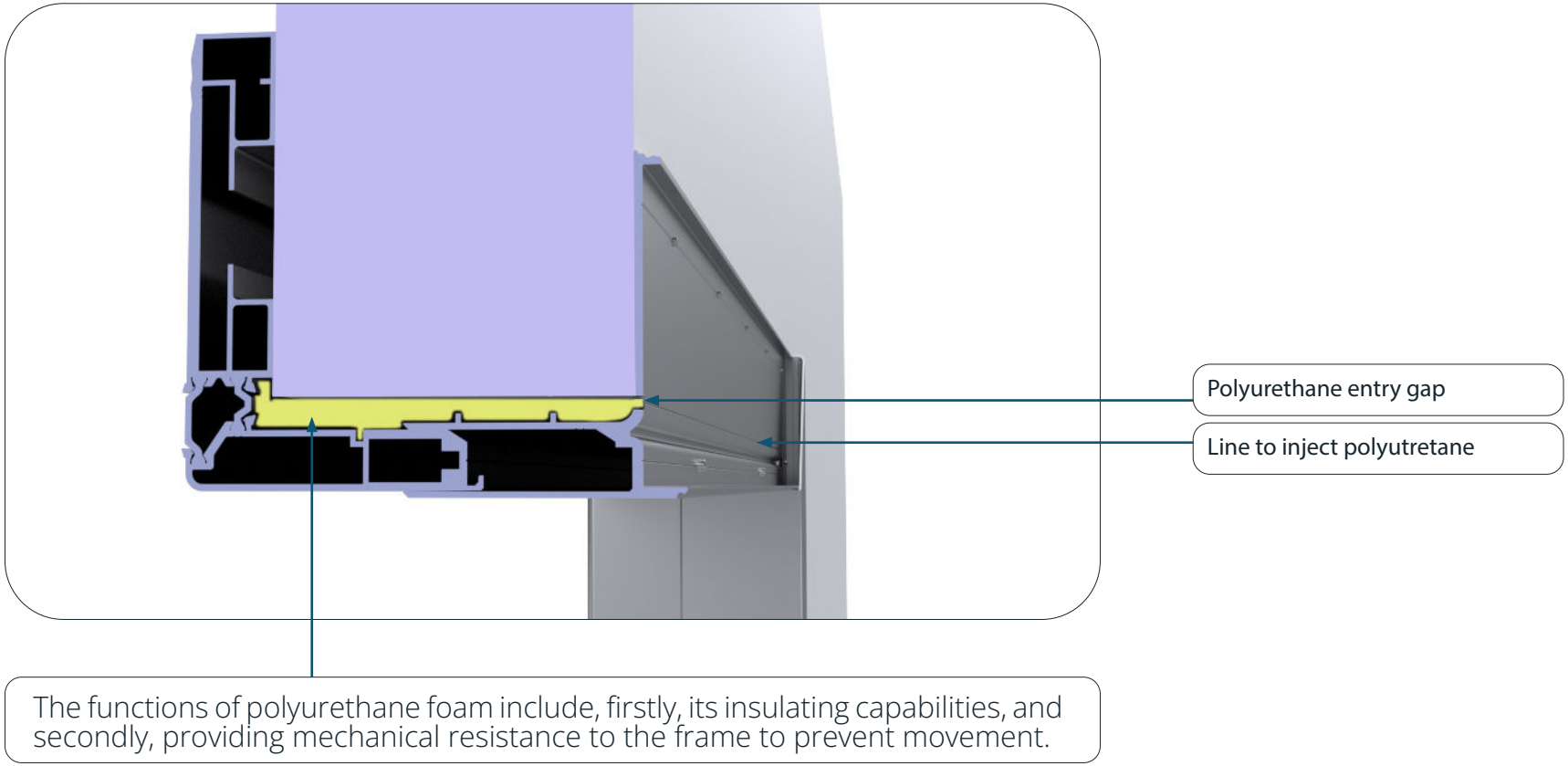


08 INJECT POLYURETHANE FOAM INTO THE GAP

POLYURETHANE FOAM GUN



Inject polyurethane foam into the gap between the frame and the panel, drilling holes in the frame along the line indicated in the drawing. Repeat this step on the two vertical profiles and on the upper horizontal one.



The functions of polyurethane foam include, firstly, its insulating capabilities, and secondly, providing mechanical resistance to the frame to prevent movement.

09 SCREW THE BACK FRAME AND COVER

ELECTRIC SCREWDRIVER



Install the trim covers.







TRACK
ASSEMBLY



COMPONENTS

TRACK COVER *TROLLEY* *SIDE COVERS* *HARDWARE*

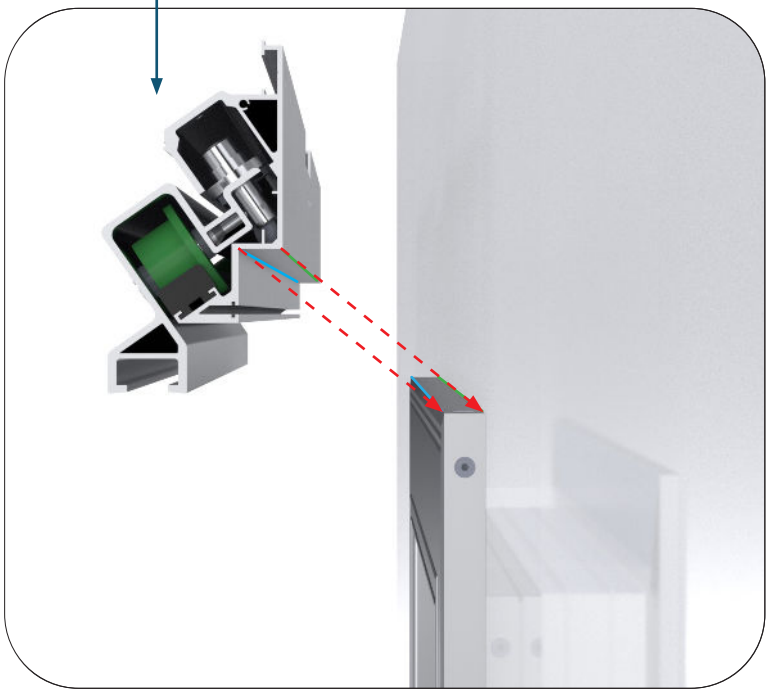
01 PLACE THE TRACK

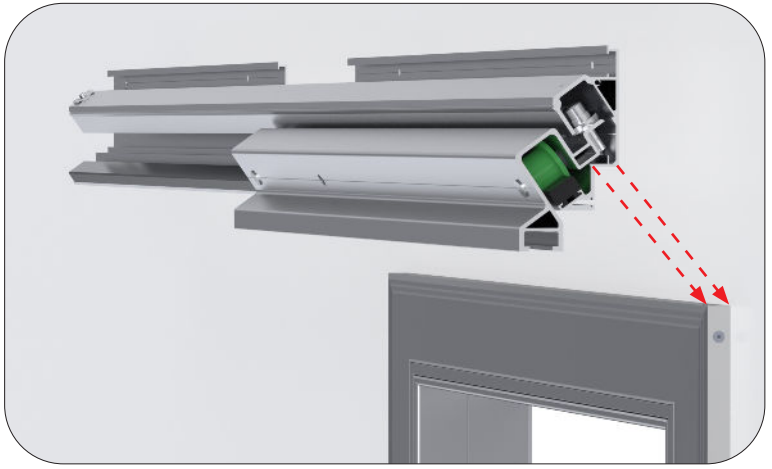


Install the track on top of the frame. Then, use a bubble level to ensure that the guide is completely horizontal.



The guide and trolley are pre-assembled.





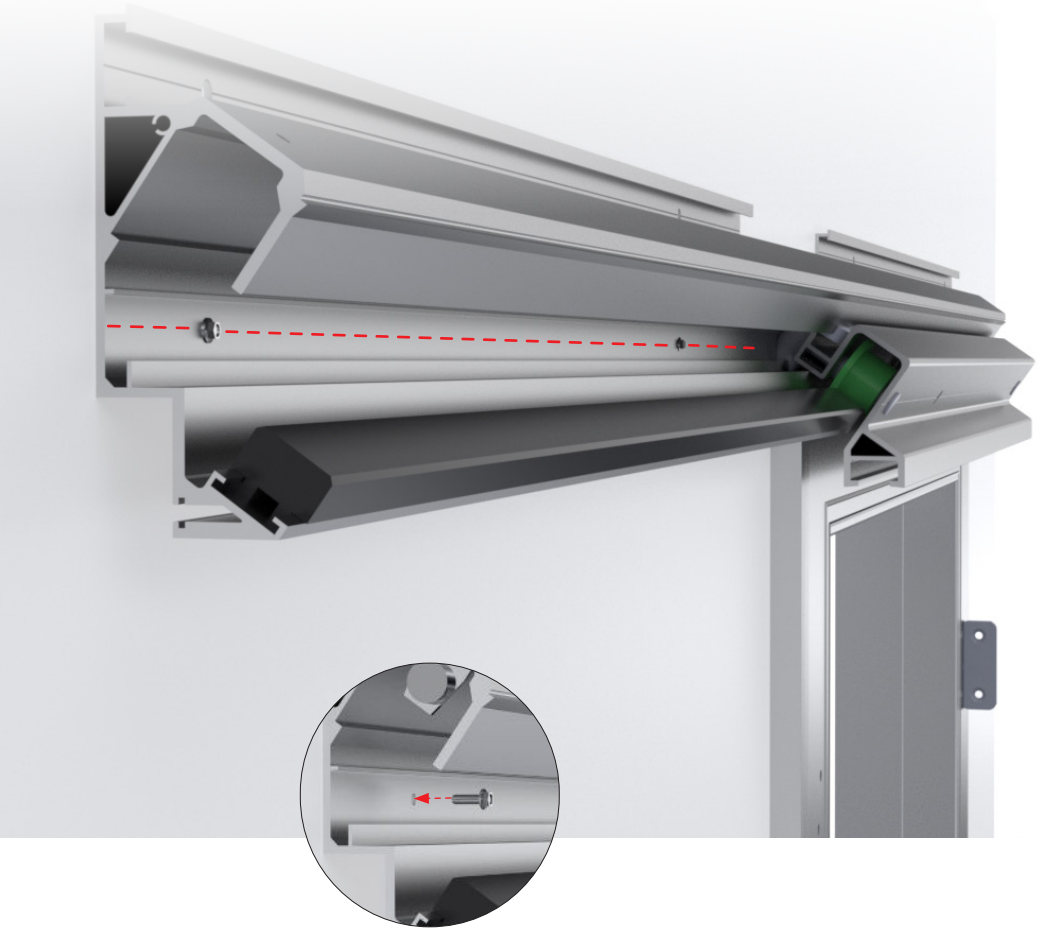
02 SCREW THE TRACK TO THE PANEL

ELECTRIC SCREWDRIVER

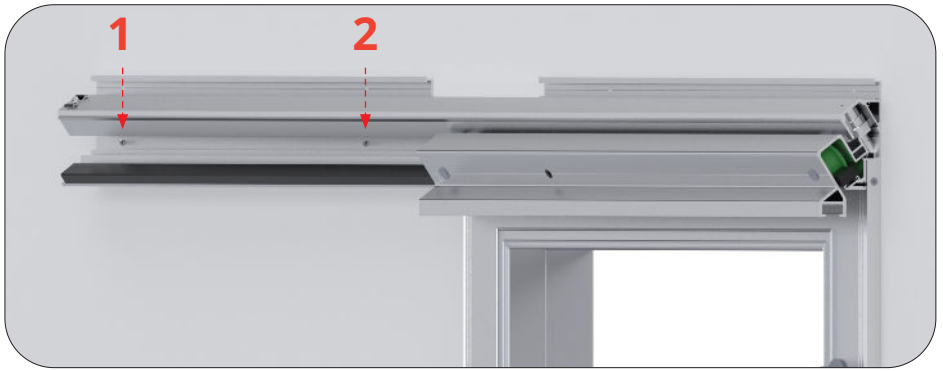


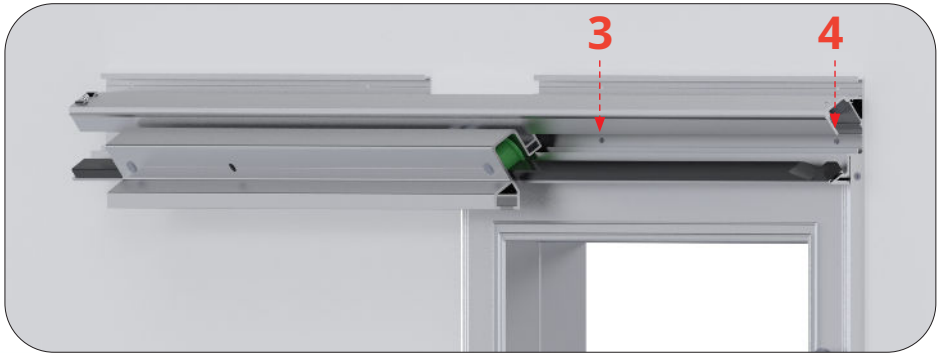
Screw the track to the panel through the line indicated in the drawing below.

Screws (5)
SPECIFICATIONS:



Slide the trolley to access positions 1, 2, 3, and 4 on the track, securing it with screws (5) and their corresponding washers.





03 INSTALL THE TROLLEY STOP

ELECTRIC SCREWDRIVER



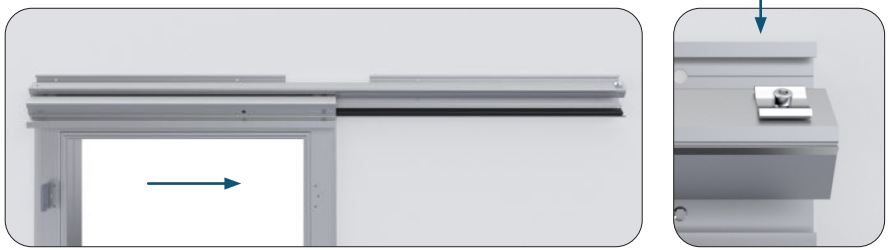
Attach the trolley stop to the rear of the guide to ensure it operates correctly.

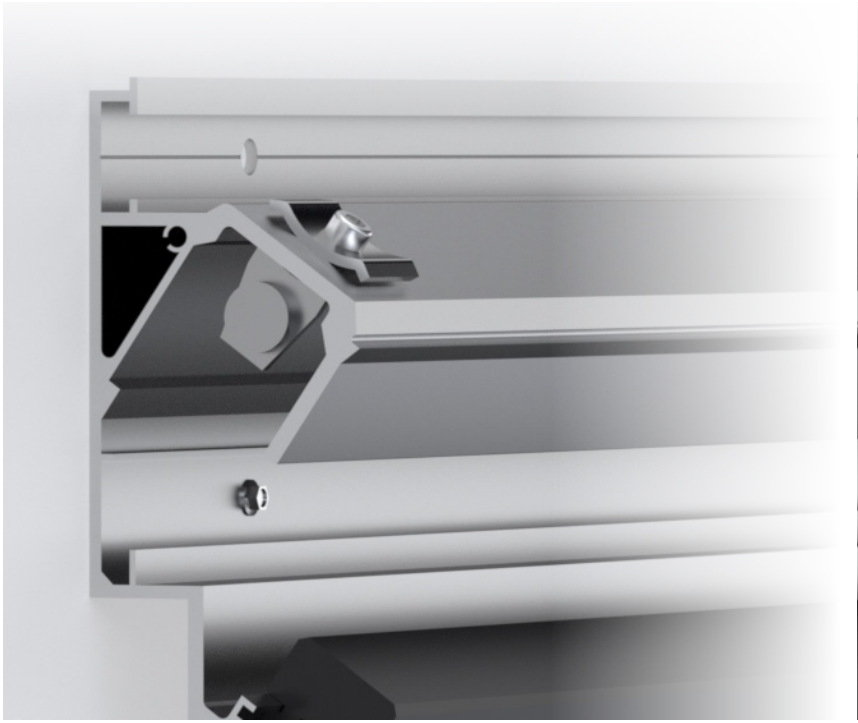
Screws (5)
SPECIFICATIONS:

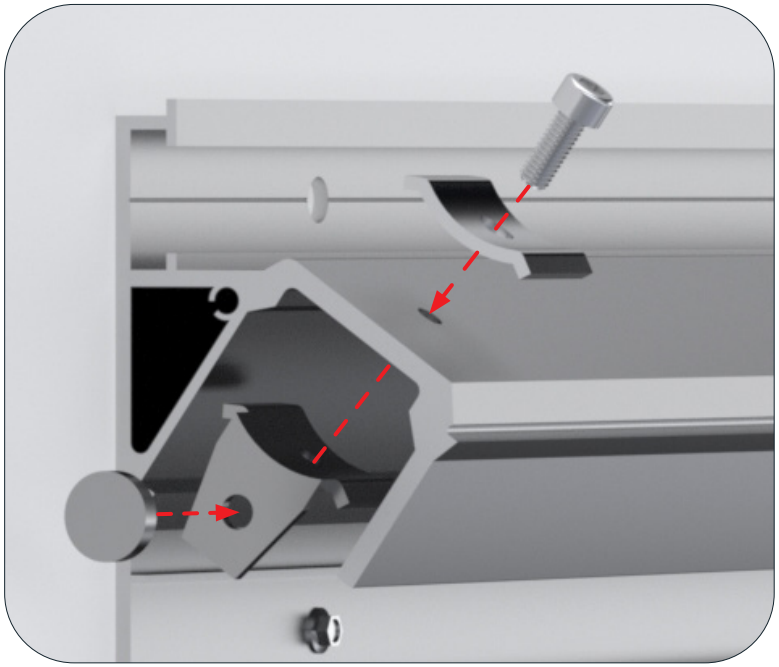
If the door **OPENS TO THE LEFT**, the trolley stop is installed in the **LEFT END** of the track:



If the door **OPENS TO THE RIGTH**, the trolley stop is installed in the **RIGTH END** of the track:





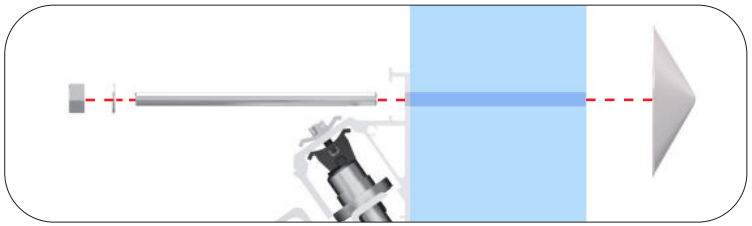


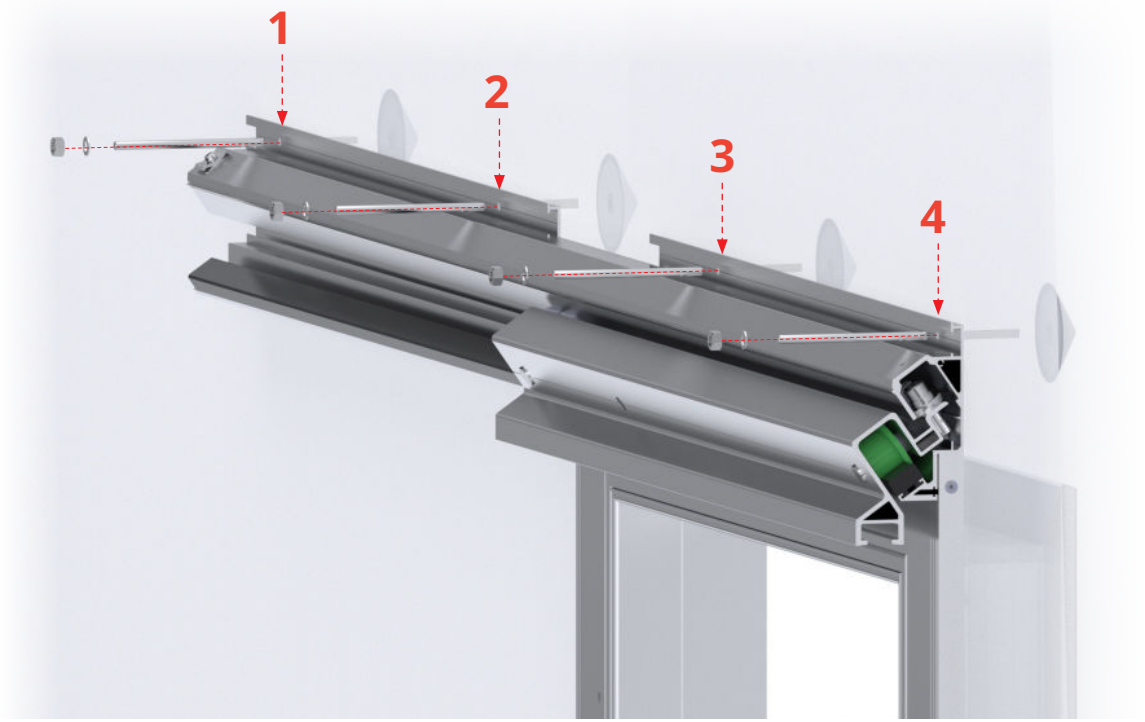
04 ANCHOR THE GUIDE AND PANEL

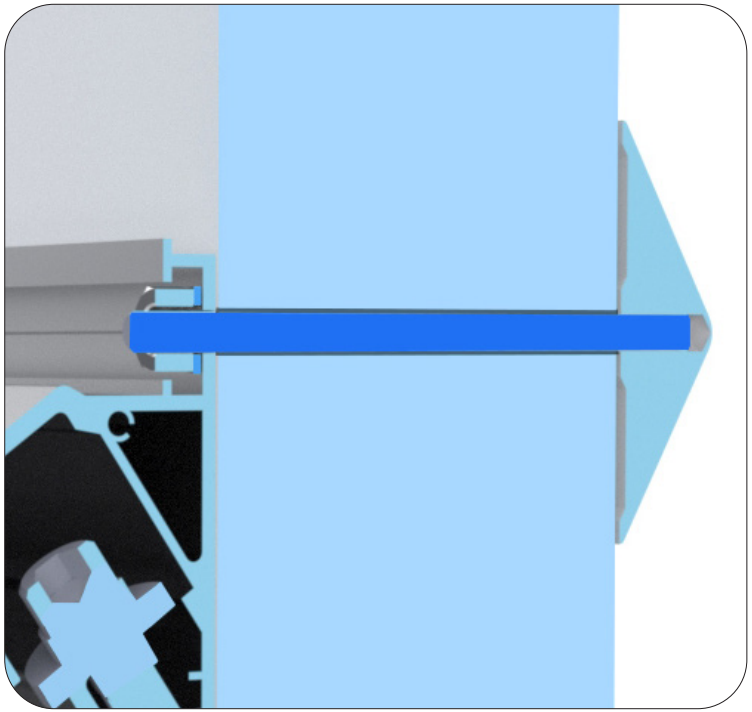
ELECTRIC SCREWDRIVER



Secure the track and the panel with Chinese Caps:
Drill holes through the track and the panel at positions 1, 2, 3, and 4 on the track. Insert the rod through the holes. From the exterior side, attach the washer and nut to the rod. From the interior side, screw on the Chinese cap.



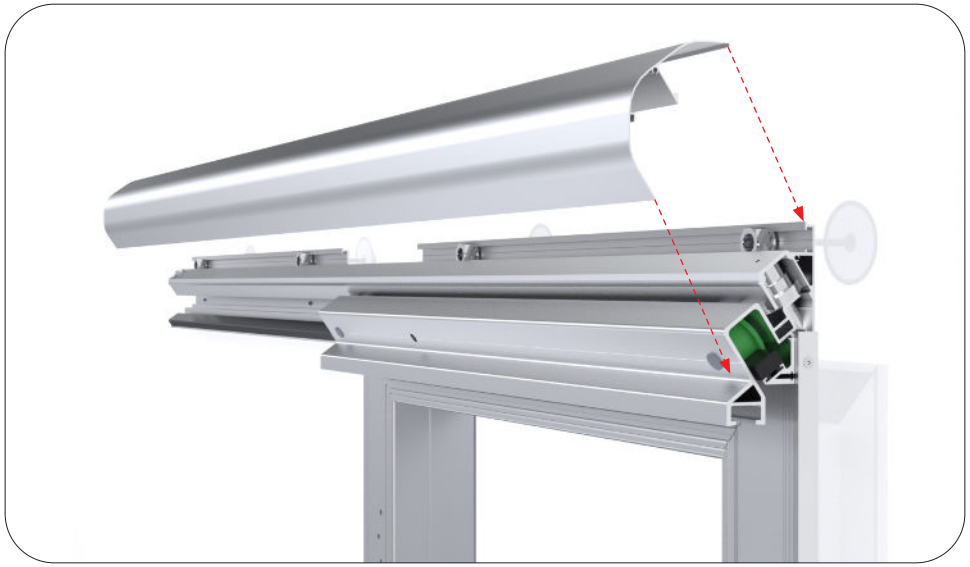


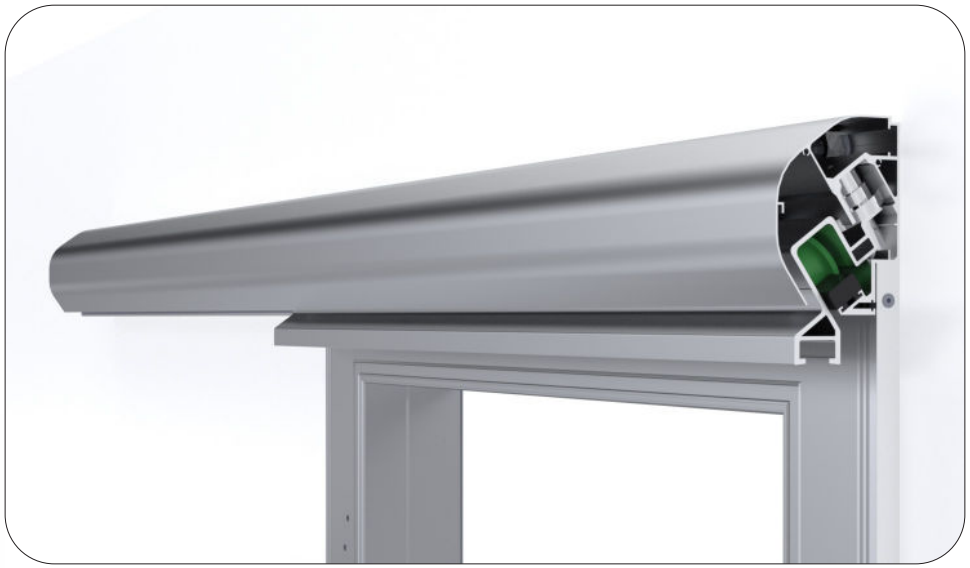


05 PLACE THE TRACK COVER

Install the track cover on top of the track







06 PLACE THE GUIDE SIDE COVERS

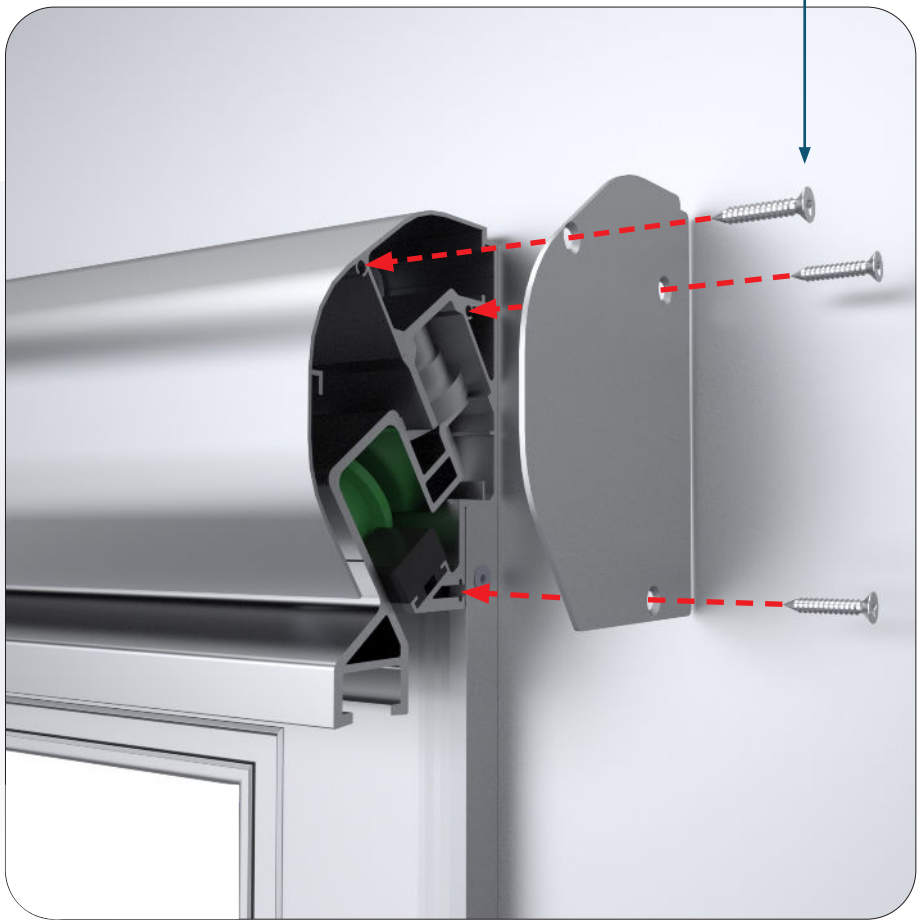
SCREWDRIVER



Secure the two side covers to the guide using Screws (6).

Screws (6)
SPECIFICATIONS:



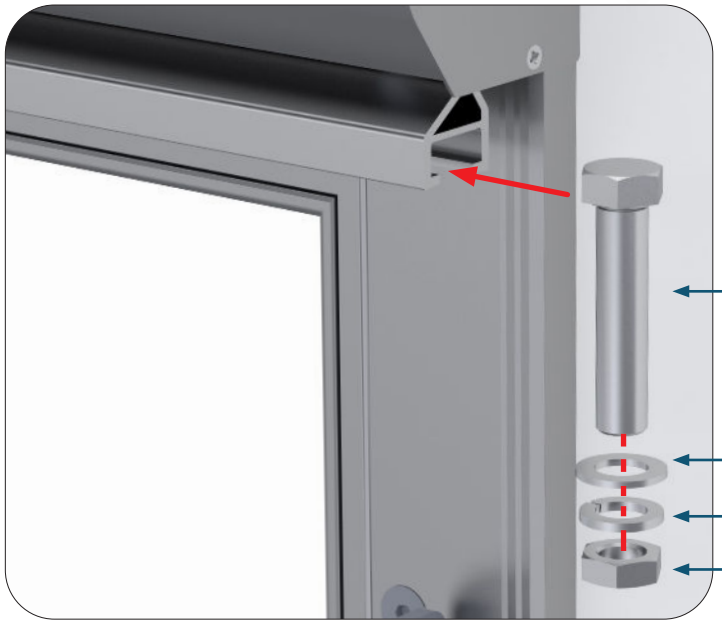




07 INSERT THE SUSPENSION SCREWS

WRENCH





Laterally insert the two suspension screws into the trolley.

Then, on each screw, place the washer, the lock washer, and the nut, in that specific order.

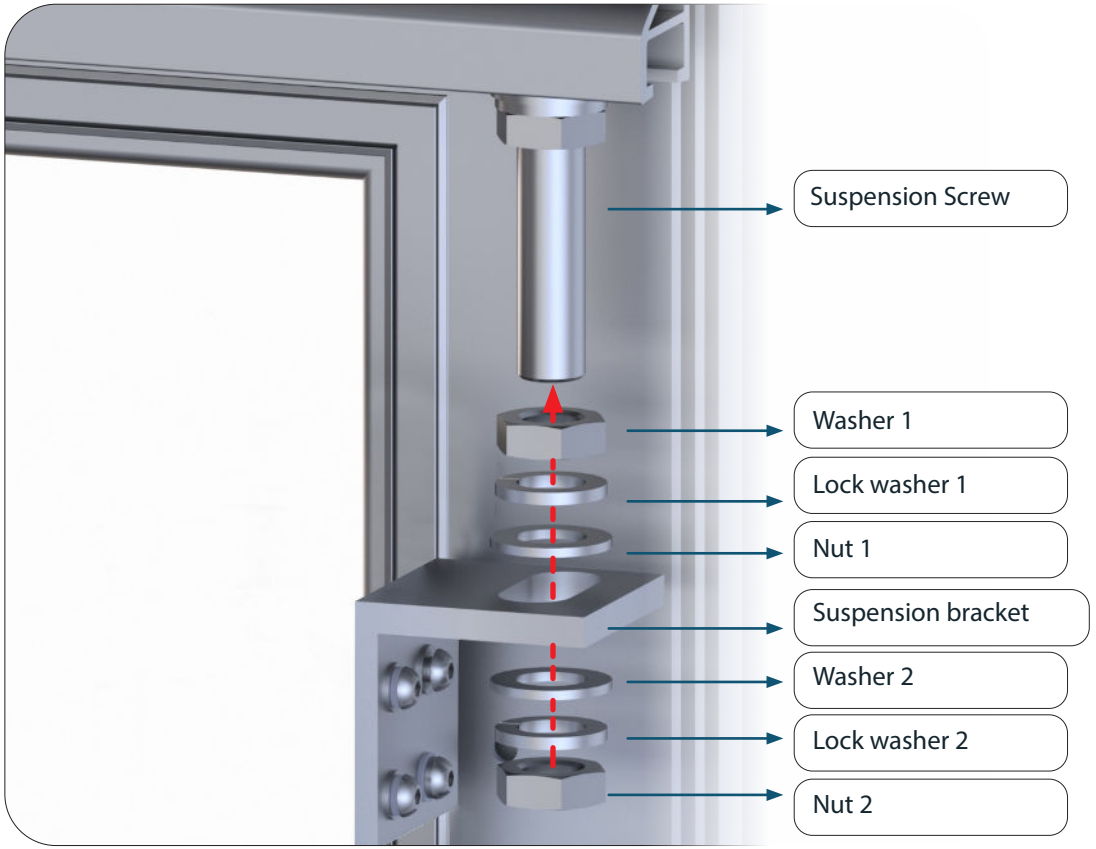


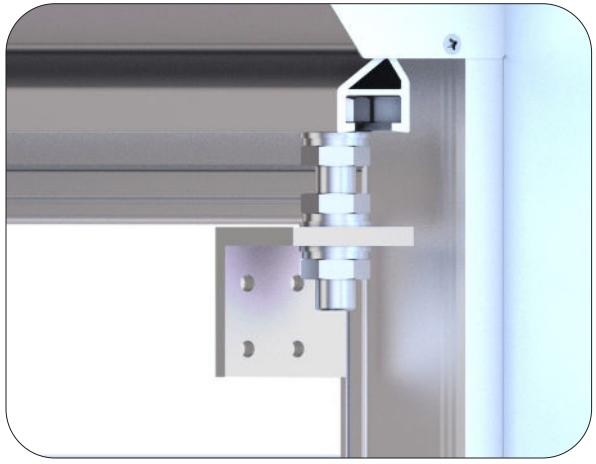
08 INSTALL THE SUSPENSION BRACKETS

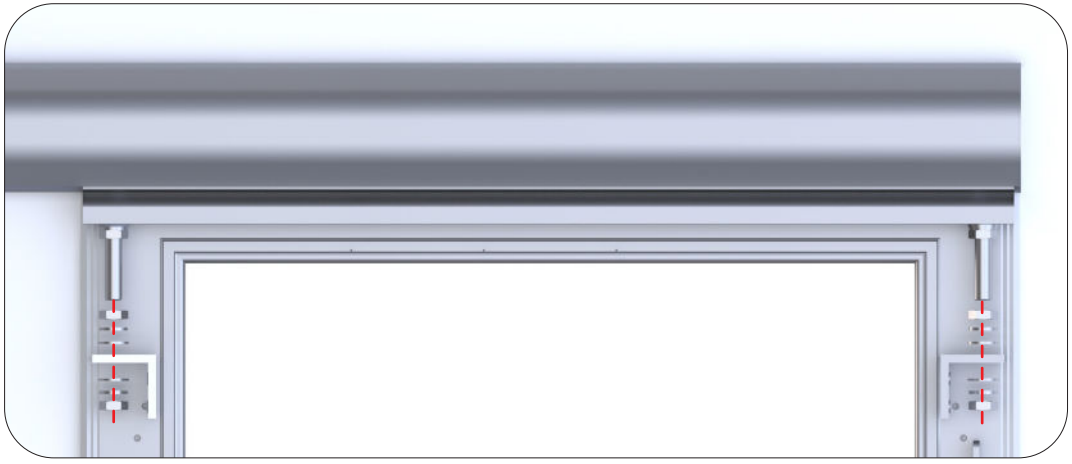
WRENCH



Attach the suspension brackets to the suspension screws. For later adjustment of the leaf height, fasten the nut, lock washer, and washer assembly to the square, positioning them both above and below







COMPLETE DOOR
ASSEMBLY



01 INSTALL THE LEAF

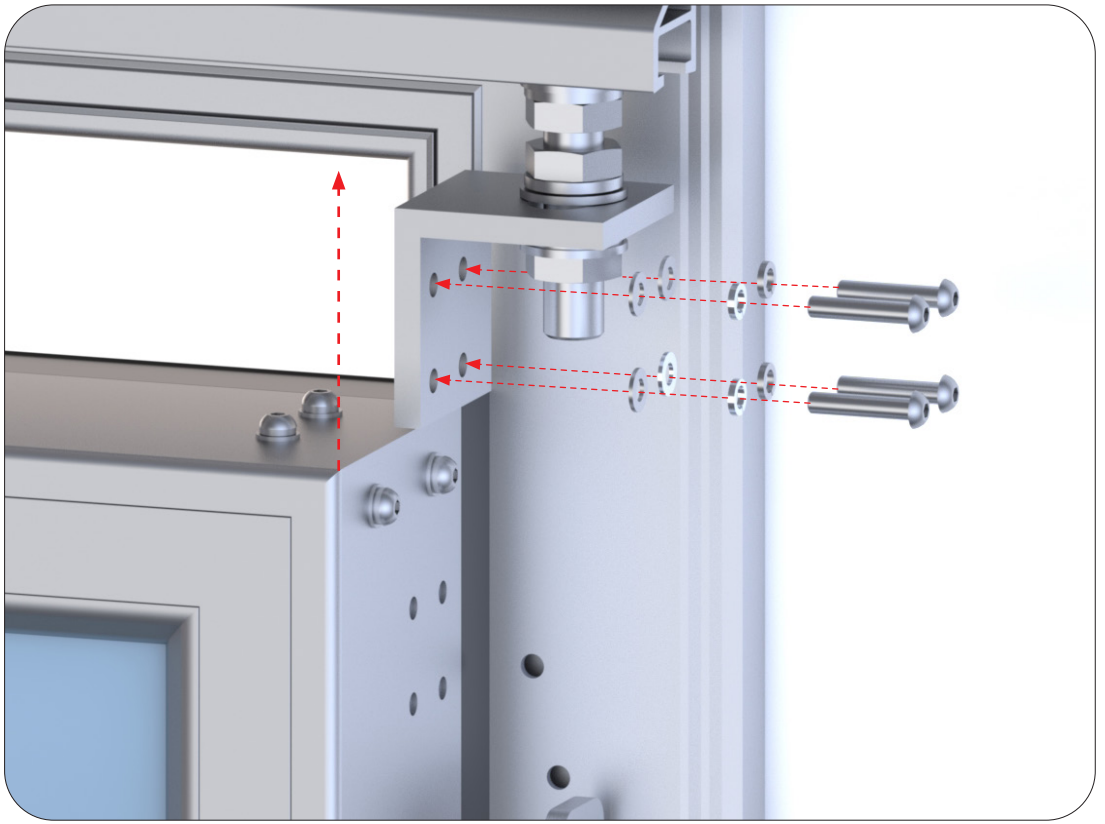
WRENCH

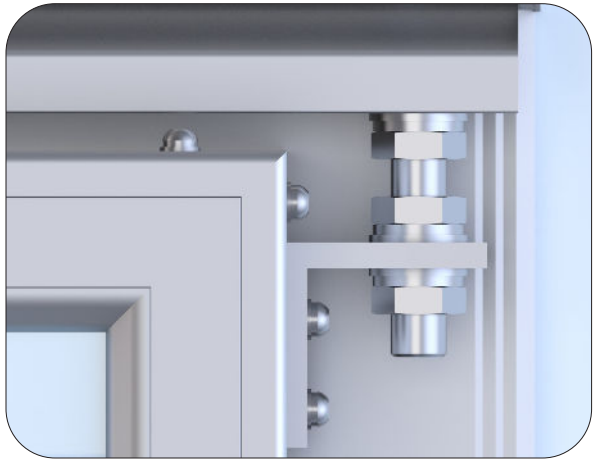


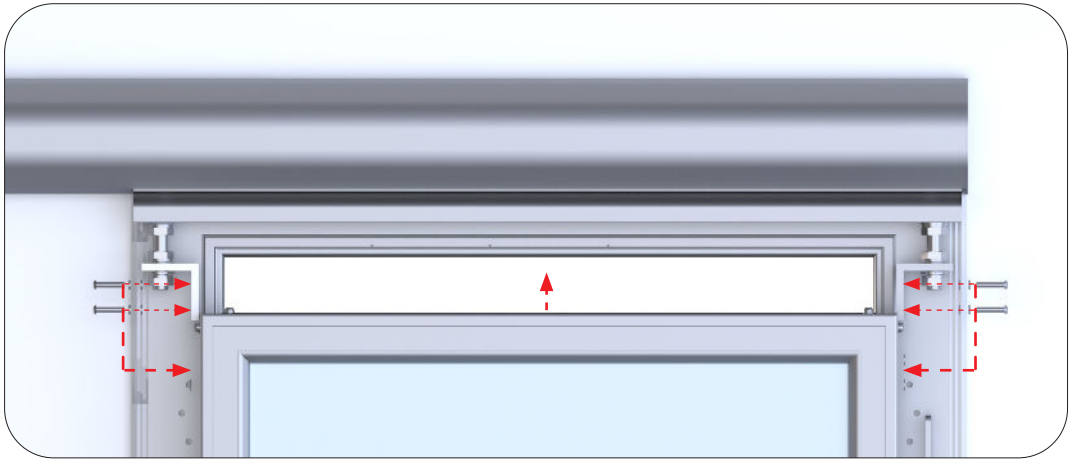
Elevate the door leaf until the four designated holes for attaching the suspension bracket on the leaf align with those on the suspension bracket itself.

Screws (x)
SPECIFICATIONS:

IMPORTANT: Proceed with caution when screwing to prevent galling of the stainless steel.







02 INSTALL LOWER SKIDS

ELECTRIC SCREWDRIVER



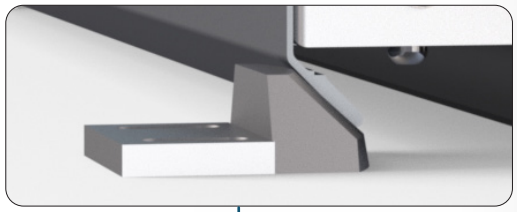
For skid installation, open the door and leave the opening free. Drill four holes in the ground (1,2,3, and 4), insert plastic anchors, and secure the skid in place using Screws (x). If the door opens to the left, the **GUIDE SKID** is installed first. If the door opens to the right, the **STOP SKID** is installed first.

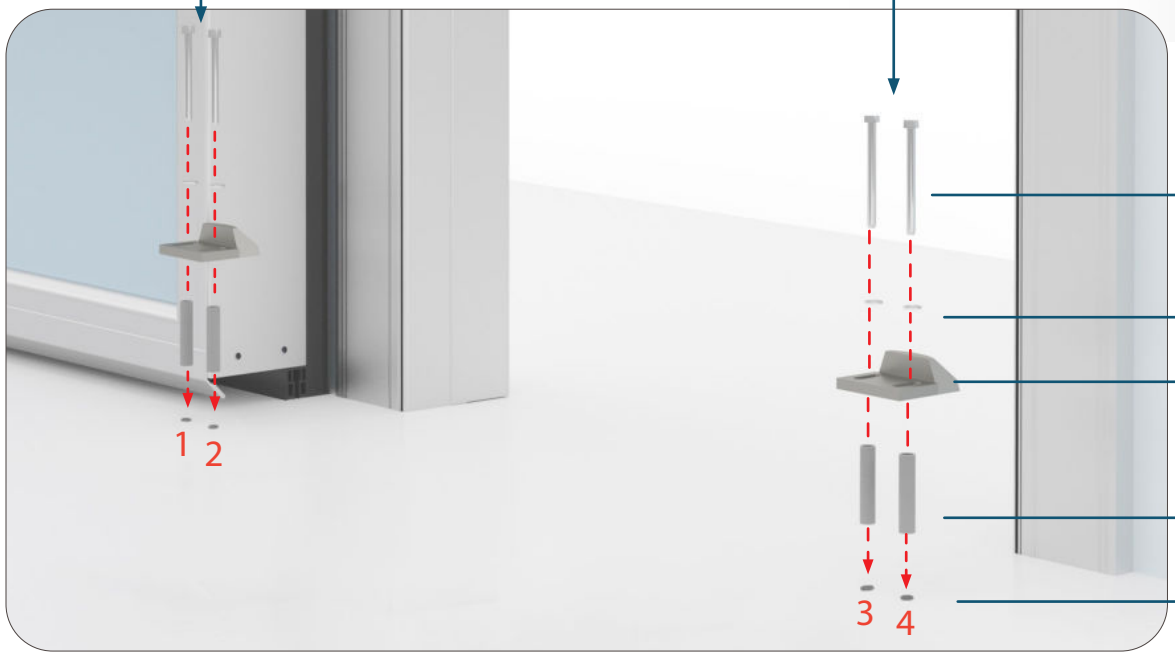
Screws (x)
SPECIFICATIONS:

GUIDE SKID: Aligned to the left end of the bottom guide.

STOP SKID: Aligned to the right end of the bottom guide.







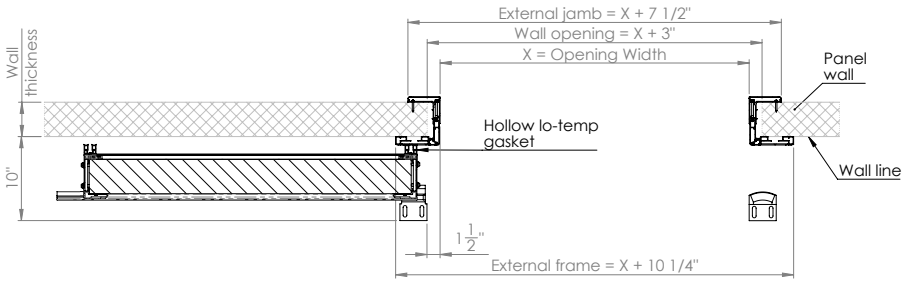
Skid screws

Skid washers

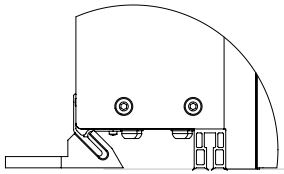
Skid

Plastic anchor

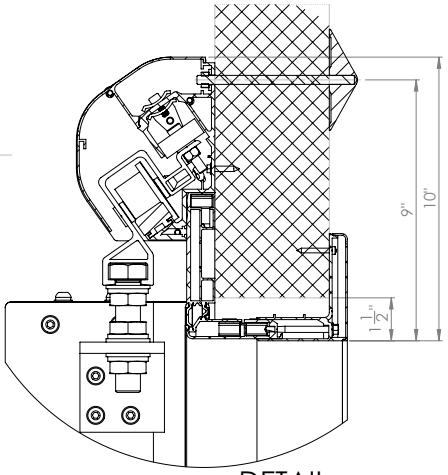
Holes in the ground



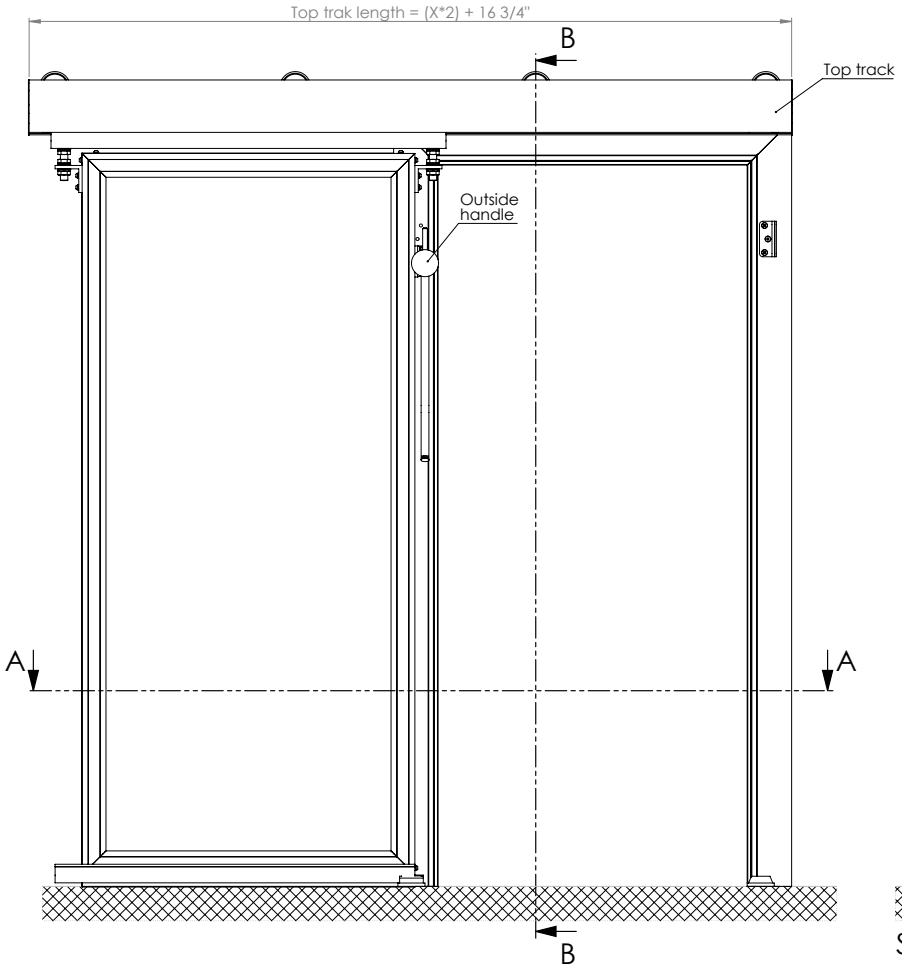
HORIZONTAL SECTION

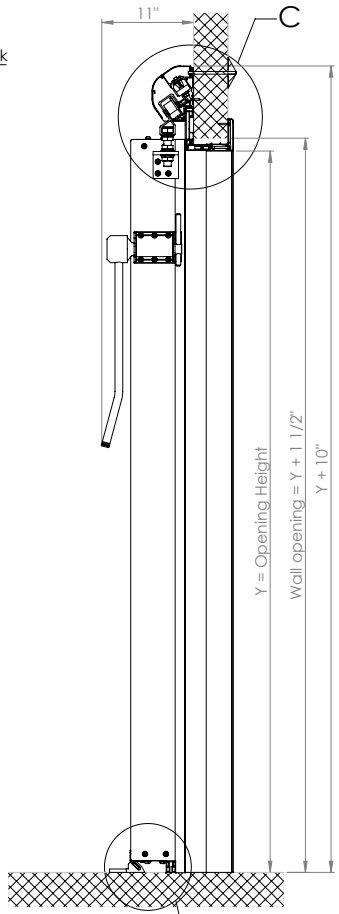


DETAIL D
1 : 3

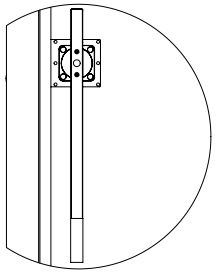


DETAIL C
1 : 3

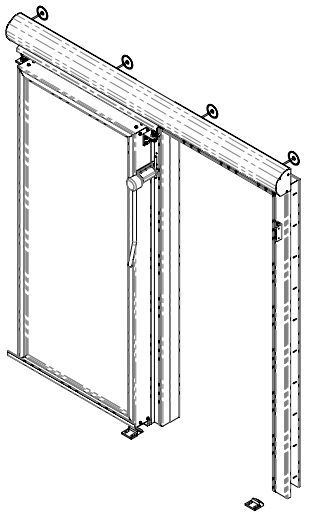




SECTION B-B
1 : 10



Inside handle
ESCALA 1 : 10

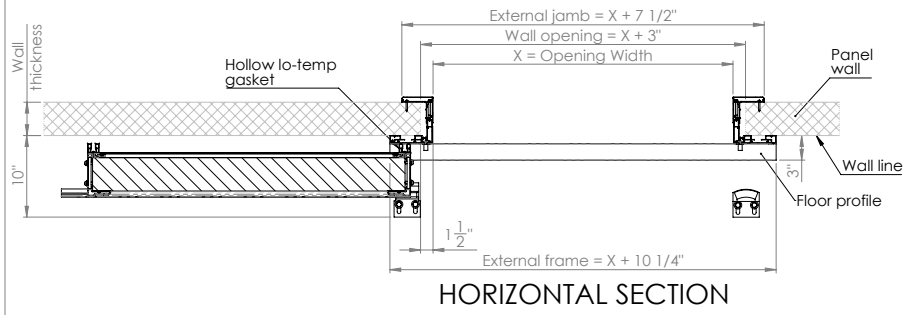


PROYECTO / CLIENTE:	MATERIAL:	DESCRIPCIÓN:
NOMBRE / FECHA	ACABADO:	
DIBUJ. P.Collantes 27/09/23		
KAVIDOORS USA		REFERENCIA PIEZA: 201001

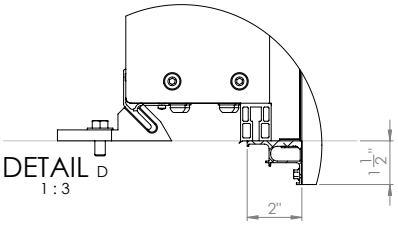
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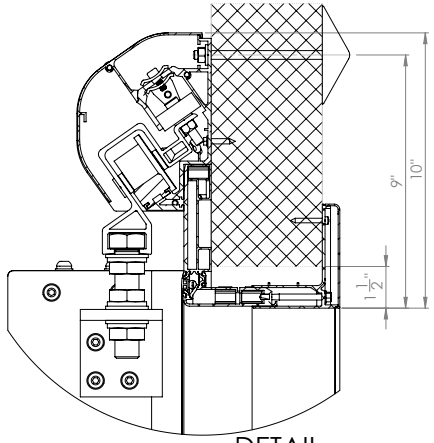
SLIDING DOOR FREEZER



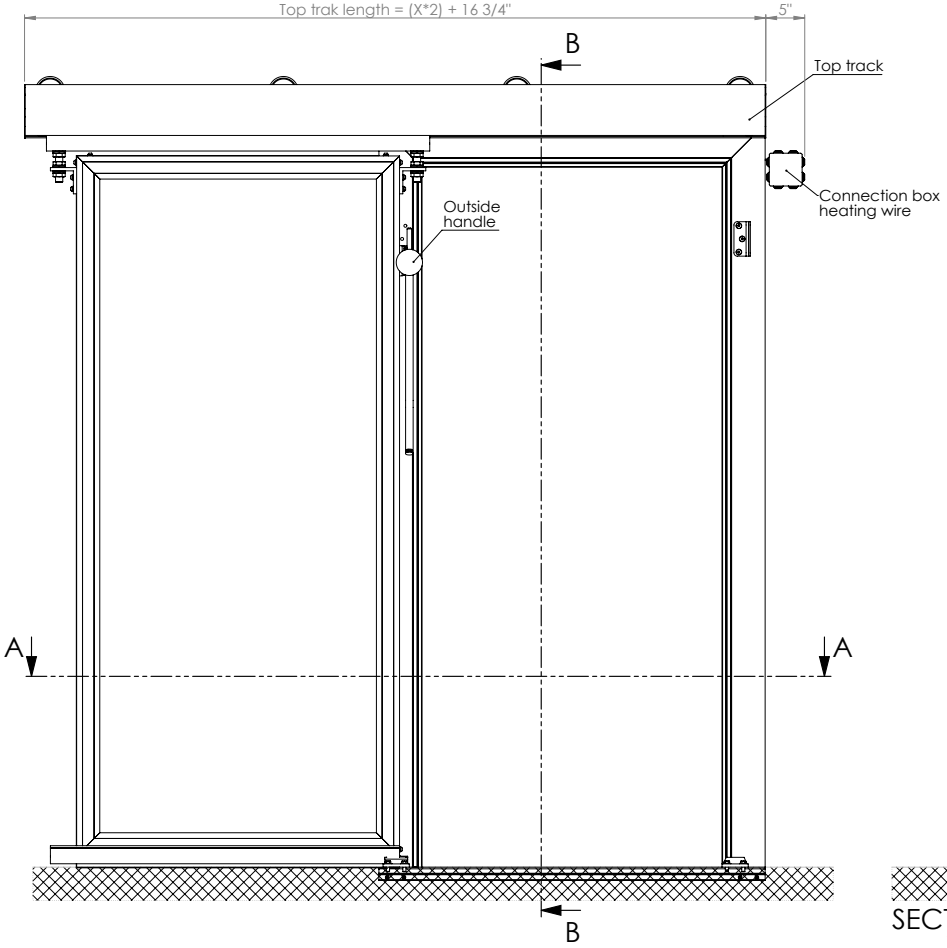
HORIZONTAL SECTION

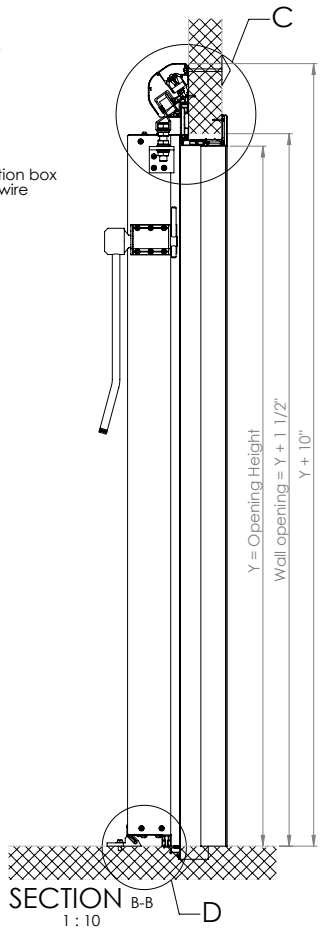


DETAIL D
1 : 3

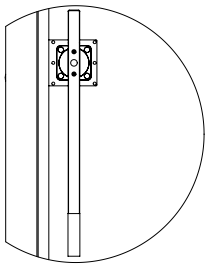


DETAIL C
1 : 3

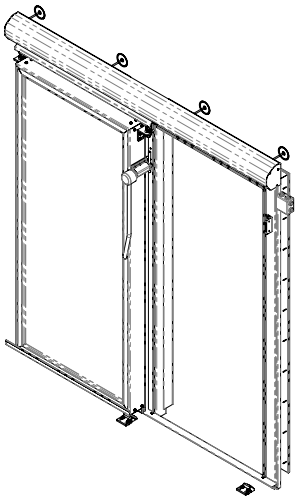




SECTION B-B
1 : 10



Inside handle
ESCALA 1 : 10



PROYECTO / CLIENTE:	MATERIAL:	DESCRIPCIÓN:
	NOMBRE / FECHA	ACABADO:
DIBUJ.	P.Collantes 20/11/23	
KAVIDOORS USA		REFERENCIA PIEZA: 201028

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