

Manual No. 7398

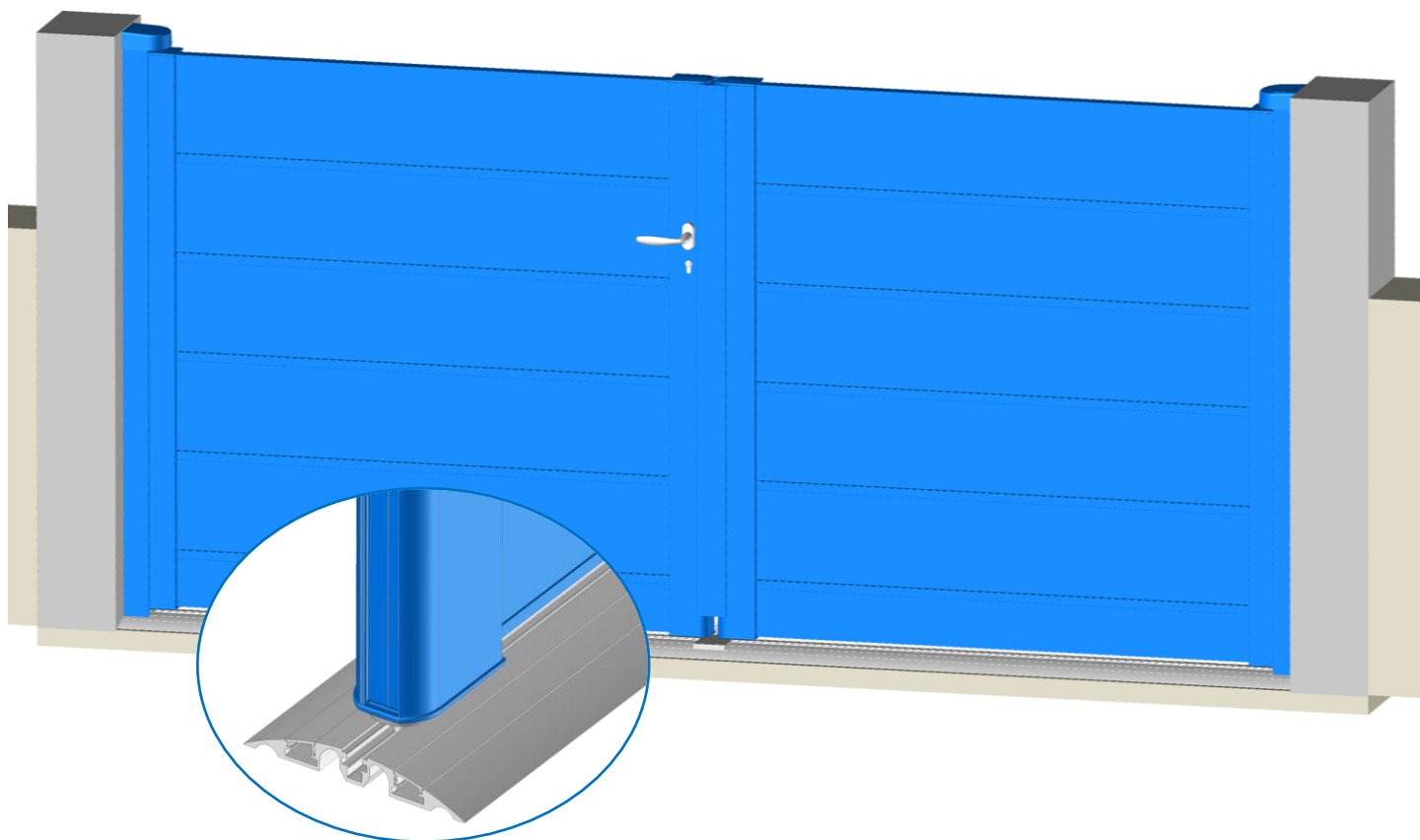
12/25

INSTALLATION

2-leaf gate **CREATIV** range



**Between-walls
with threshold**



(For installers use only)

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Installation instructions



CAUTION !



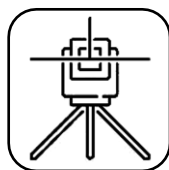
To ensure that this product is well assembled, used and maintained in complete safety, it is important to follow the instructions provided in this document.

For everyone's safety, please adhere to the precautionary measures below.

- Before beginning the assembly, read this manual carefully.
- This product must be installed by a professional.
- All the parts delivered are specifically sized for this product.
Adding and/or using other parts may be detrimental to safety and may affect the product's warranty.
- Any modification or improvement of this closure must be compliant with the standard BS EN 13241:2003+A2:2016.
In this case, a " Modification/Transformation " file must be created by the installer as per the standard BS EN 12635:2002+A1:2008 annex C.
- Carry out work in accordance with the safety instructions.
Use the appropriate tools to install this product.
Ensure that all work is carried out on a stable ground.
- Ensure that the assembly area is adequately clear, clean and clearly marked out.
- Ensure that no other people are present at the assembly site apart from the installers.
Indeed, non-authorized persons such as children, who are present at the site risk injury during assembly.
- All the components of this closure must be installed in compliance with the installation instructions provided in this manual.
- All the requirements of the standards BS EN 13241:2003+A2:2016 must be met and verified, if necessary.

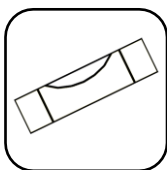
Before installation

List of tools



Laser level

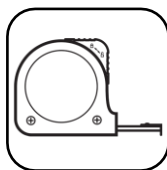
or



Spirit level



Plumb bob



Tape measure



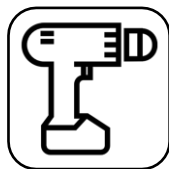
Pencil



Utility knife



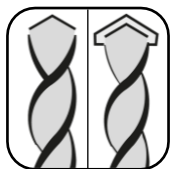
Cordex



Screwdriver
with bits



Perforator



Steel/Concrete
drills



Allen keys



Flat wrenches



Phillips
screwdriver



Adjustable
pliers



Mallet



Hammer



Hacksaw



Grinder



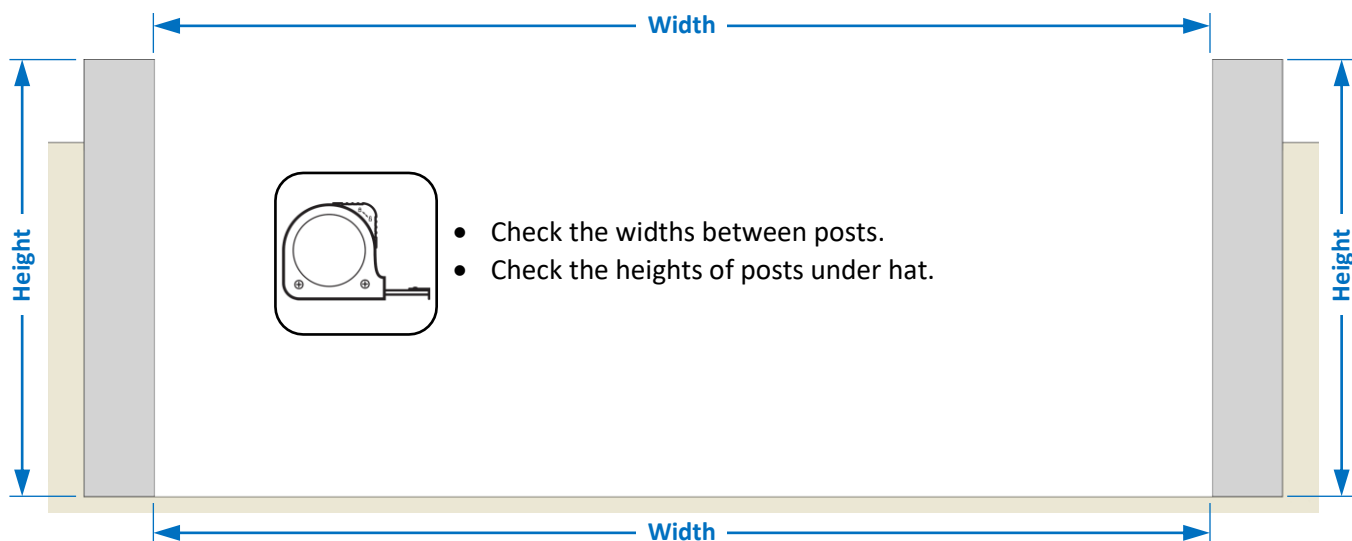
Mason's rule



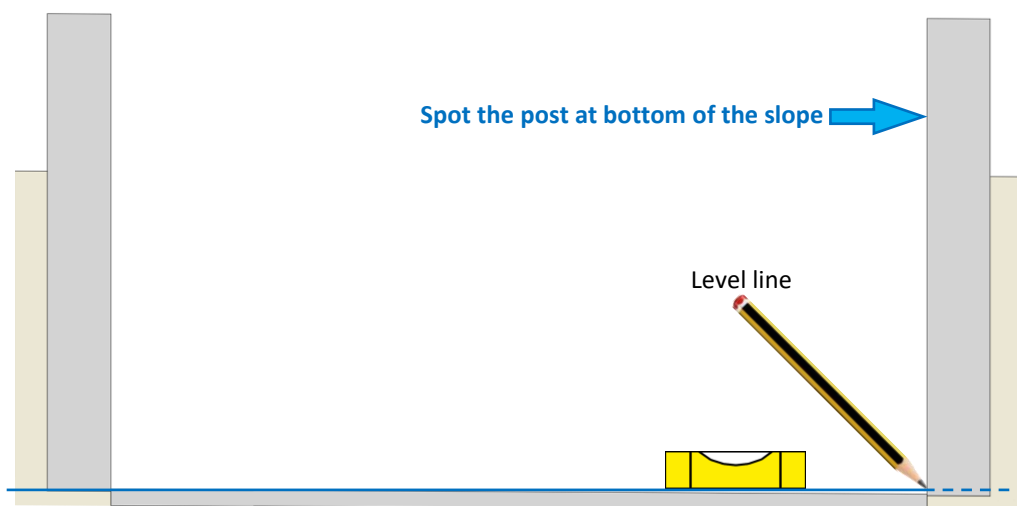
Long spout

Screws
and dowels
adapted to
the supports.

Check worksite dimensions

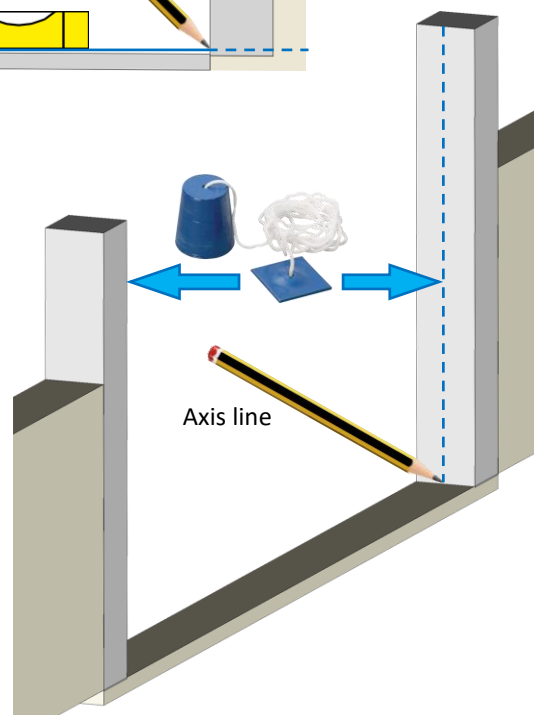


Check level 0, plumb and posts alignment



If posts are not aligned:

Use a plumb bob, trace the center line onto the posts so that they are aligned.

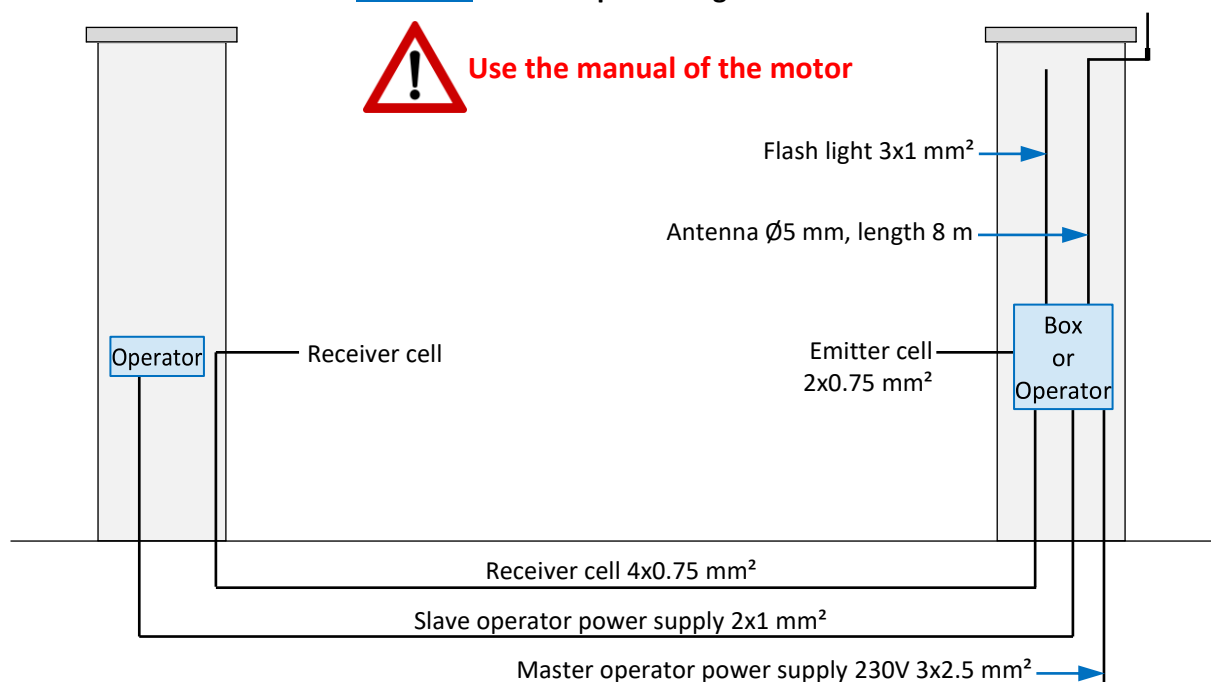


Wiring diagram

EXAMPLE: Master operator right hand side



Use the manual of the motor

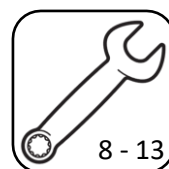
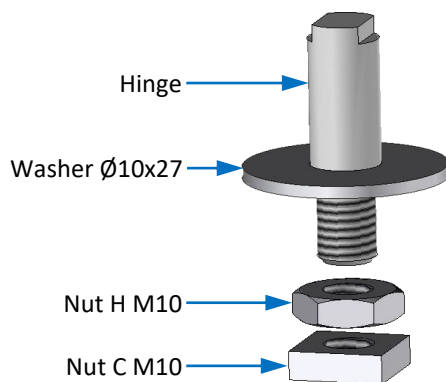


Installation

IMPORTANT, before the installation:

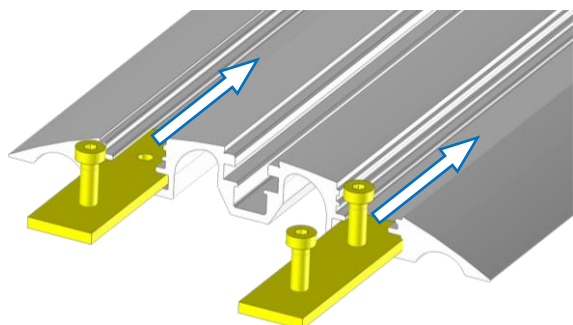
Check worksite dimensions, level 0, plumb and posts alignment;
detailed in the previous chapters.

Assemble the hinge

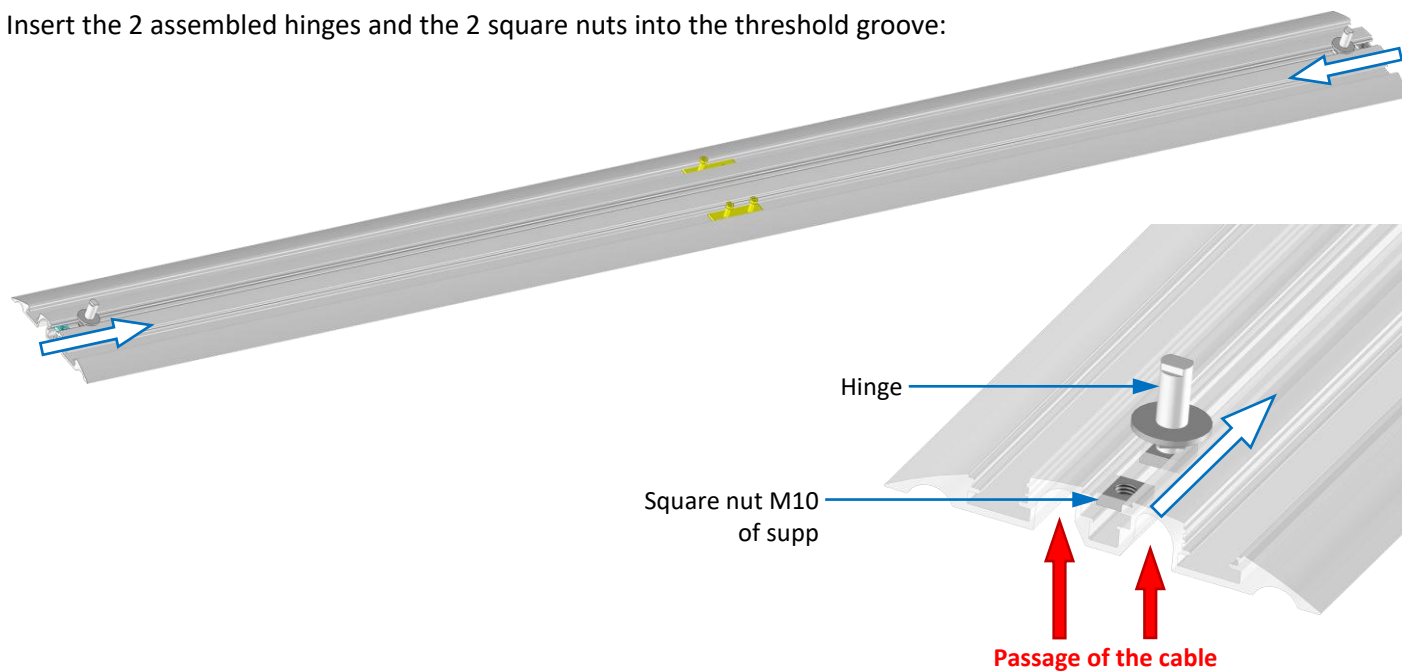


Prepare and install the threshold

1. Insert the cramps into the grooves of the threshold:



2. Insert the 2 assembled hinges and the 2 square nuts into the threshold groove:



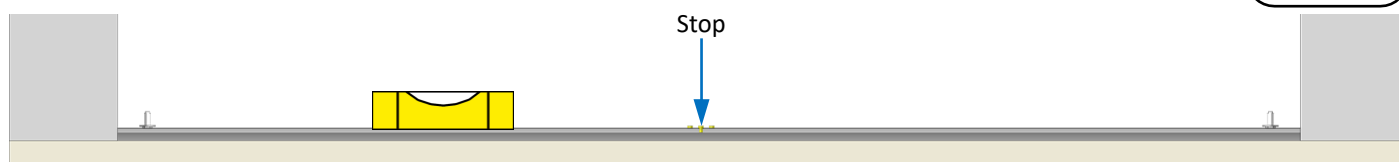
Before installing the threshold on the ground anticipate placing a needle or a sheath in the cable passage to subsequently allow a cable to pass through.

Note: If motorized gate, drill a hole in the post to pass the cables before fixing the threshold.

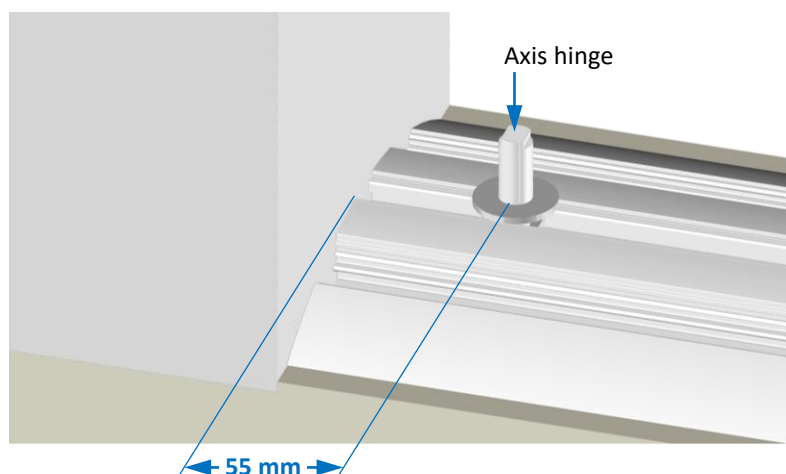
3. Level the threshold between the posts.

Note: Centre the stop in the middle of the threshold.

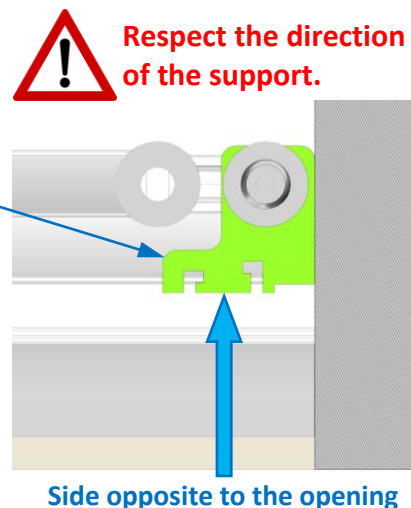
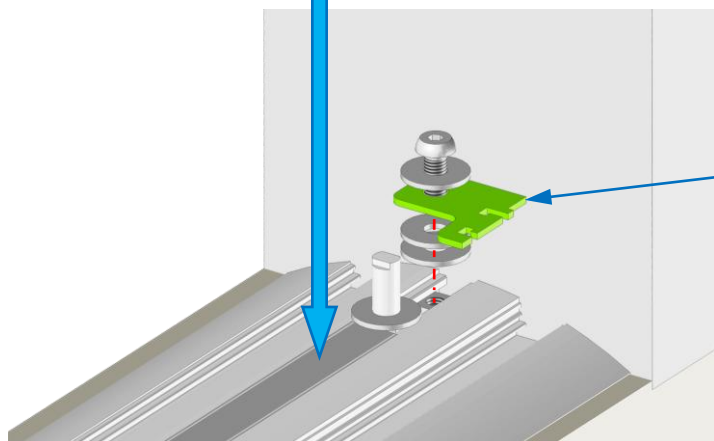
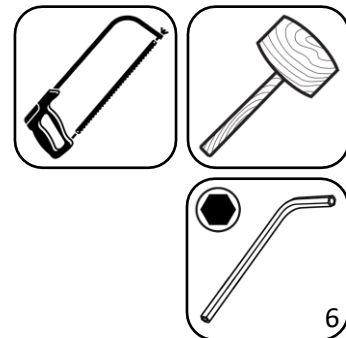
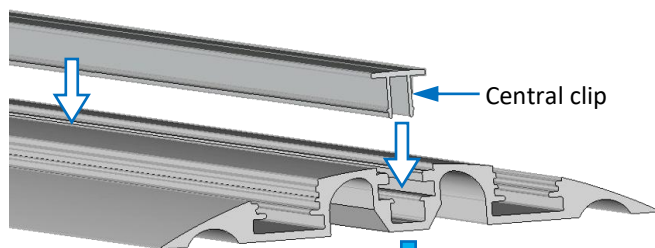
Then, fix the threshold to the ground using adapted fasteners (not provided) according to the support.



4. Adjust the position of the axis of the hinge with respect to the aplomb of the posts:



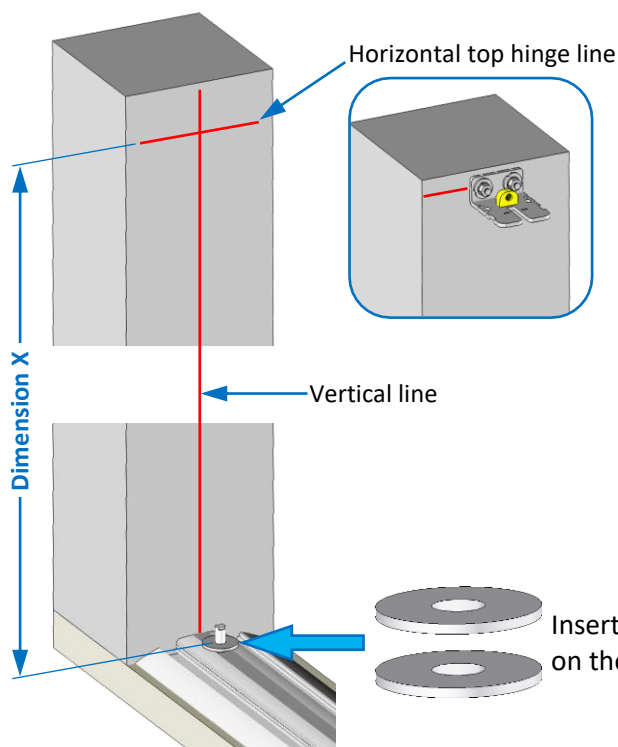
5. Cut the central clip according to the position of the hinge, then clip it.
Screw the supports of the side cover onto the square nuts.



Position the holes for the bracket of the top hinge

1. Calculate the **Dimension X**, draw a horizontal line at the top of the post.

Dimension X = Height between the drilling axis of the top hinge bracket and the top of the washers on the bottom hinge.

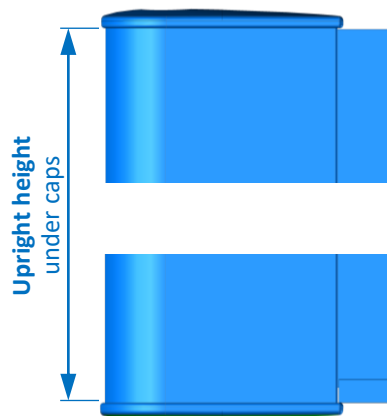
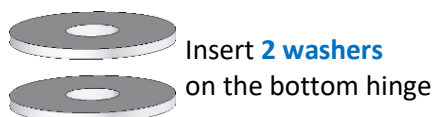


Calculation of the X dimension
= HD + 7 mm.

Definition of HD on the order:

Ground height to the top of the last slat of the gate
OR less accurate:

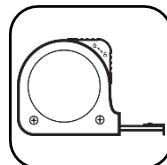
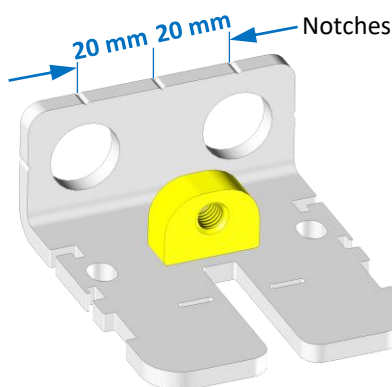
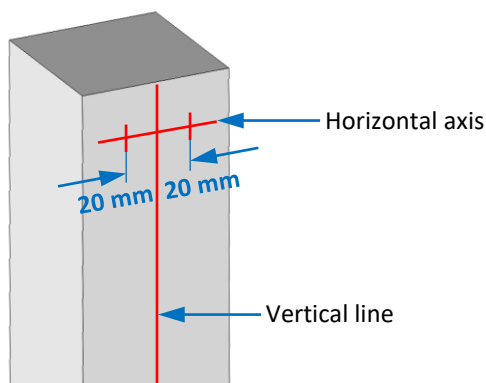
Dimension X = Height of upright under caps + 49 mm.



2. Draw a vertical line in alignment with the axis of the bottom hinge.

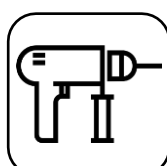
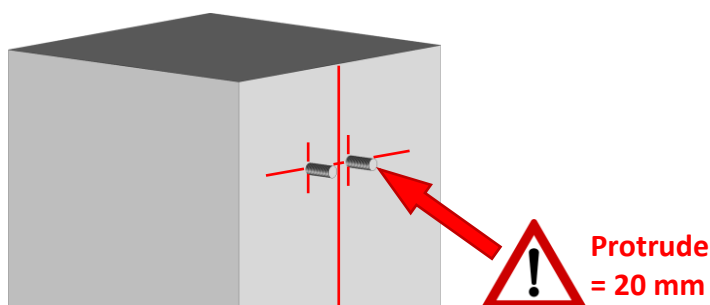
3. Draw the drilling positions of the top hinge bracket, by making 1 mark on each side of the vertical line previously performed, along the horizontal axis.

Note: The notches on the hinge bracket can be used to determine its position.



4. Drill the post and install fasteners (studs or threaded rods not provided) adapted to the support.

Note: Recommended fastenings M8.

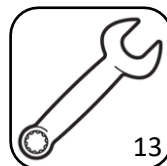
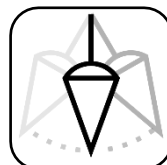
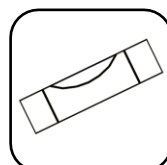
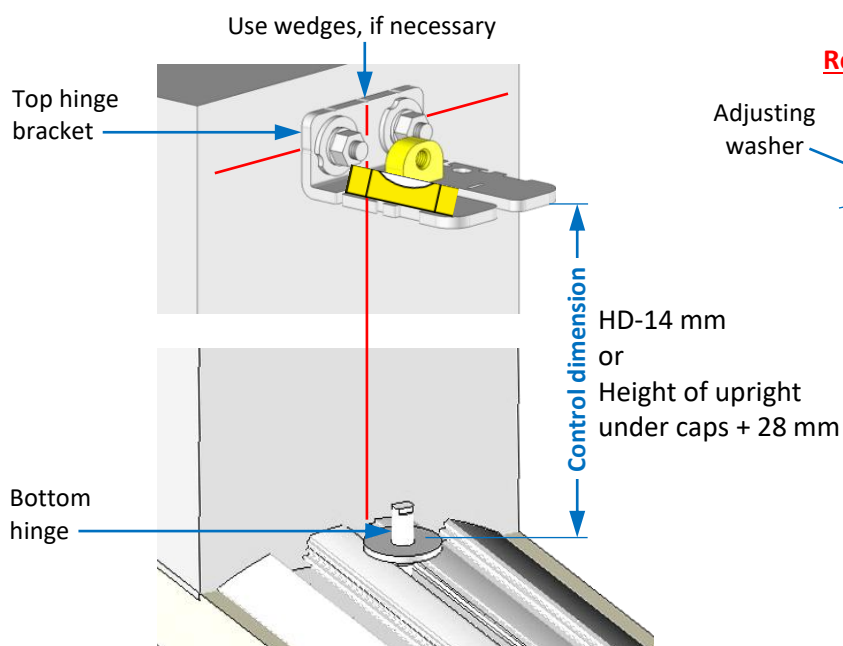


Fix the top hinge bracket

1. Position the top hinge bracket onto the studs, level and align vertically with the bottom hinge.

Note: Use eccentric adjustment washers and notches on the bracket.

Then, bolt the bracket with washers and nuts (not provided).

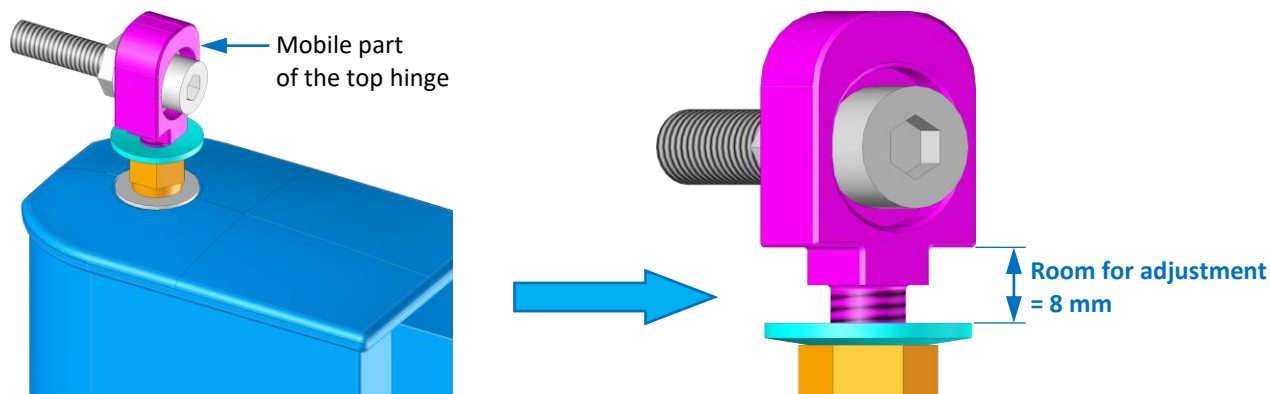


2. Repeat these operations on the 2nd post, following the chapters from **Position the holes for the bracket of the top hinge.**

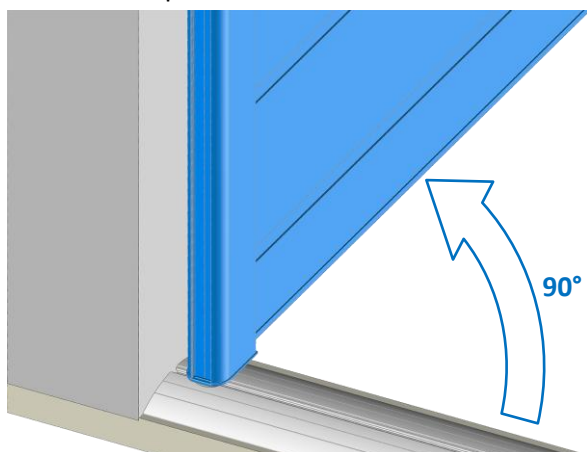
IMPORTANT: Ensure that the brackets of the top hinges are at the same level.

Install the leaves

1. Mount the mobile part of the top hinge on the leaf's upright, leaving some room for adjustment:



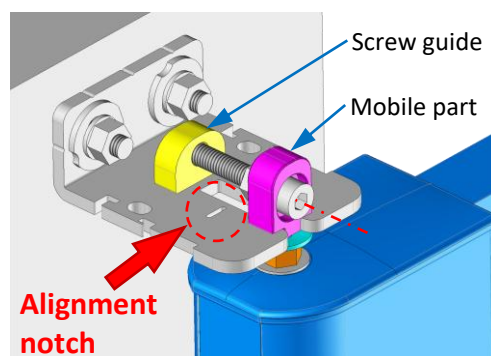
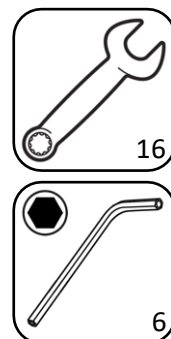
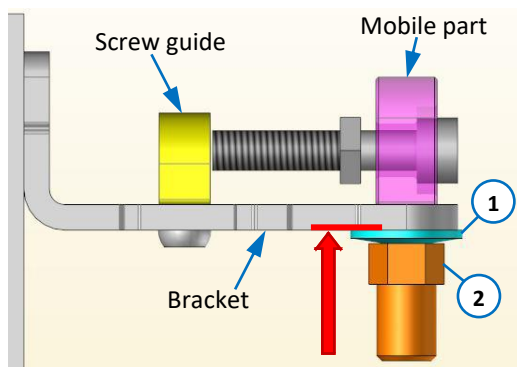
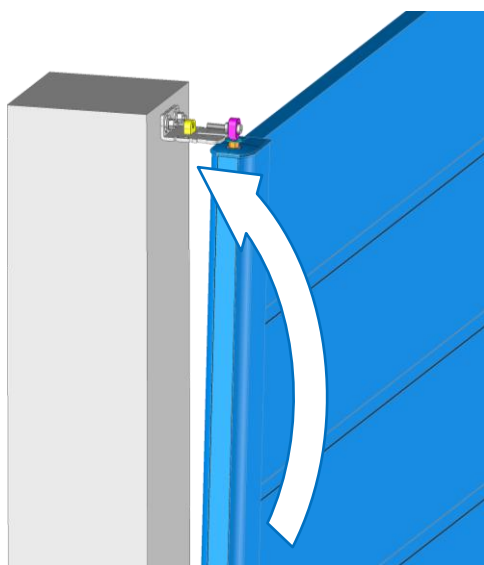
2. Present the open leaf on the axis of the bottom hinge:



3. Tilt the leaf towards the post then screw the mobile part of the top hinge into the screw guide, until the washer aligns with the mark on the bracket.

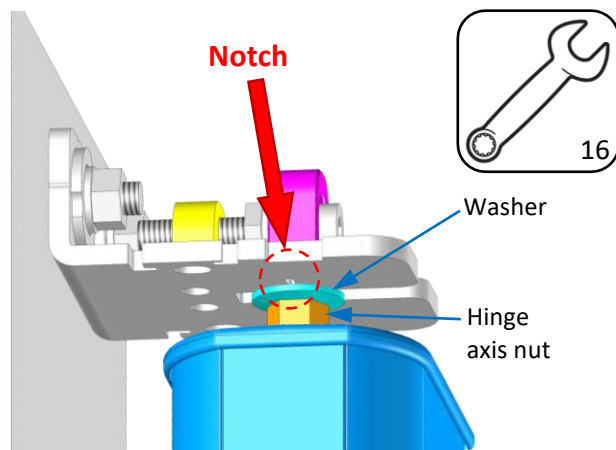
IMPORTANT:

- To screw the mobile part **smoothly**, position **the washer ① and nut ② in contact under the bracket.**



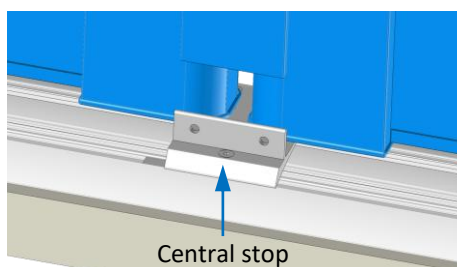
4. Lock the mobile part by tightening the nut of the hinge shaft under the washer.

5. Repeat the operations of this chapter, on the 2nd leaf.

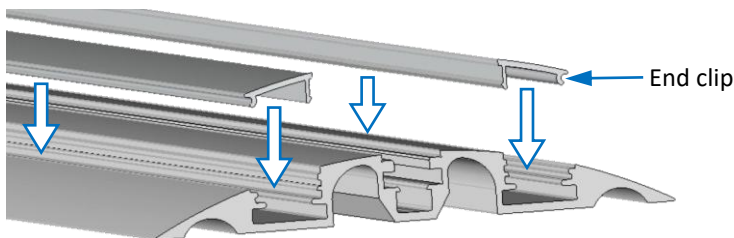


Install the central stop and end clips

1. Position the central stop in the middle of the 2 central uprights and screw it to the threshold.



2. If necessary, cut the end clips and clip them.



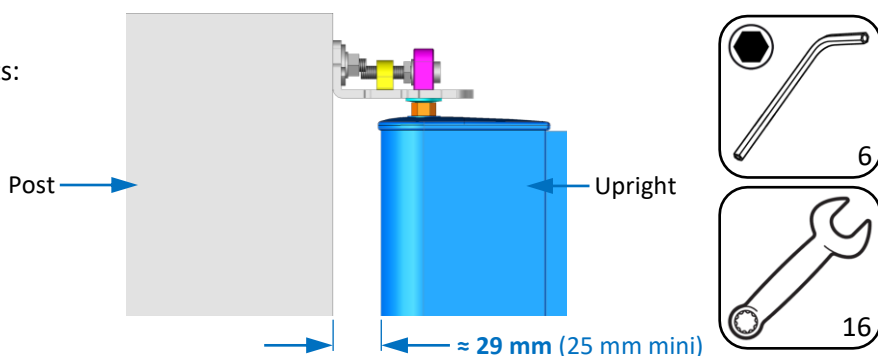
Completions

Adjusting the gate

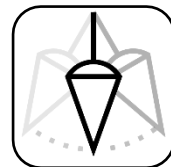
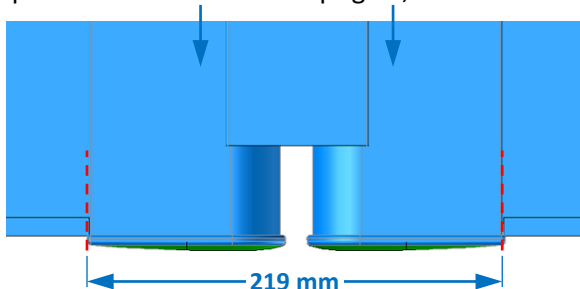
Move the brackets of the top hinges, while checking the plumb and alignment of the leaves, settle the following points:



1. Respect the gap between uprights and posts:

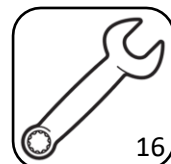
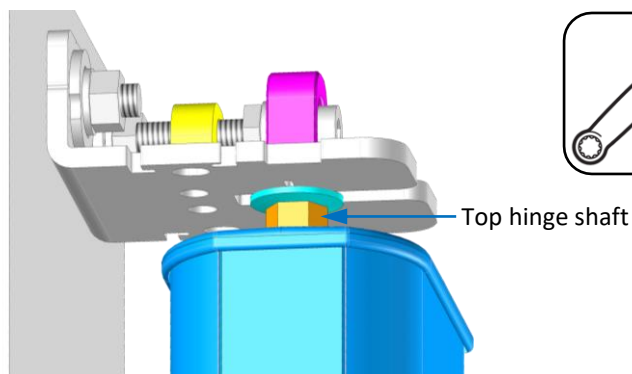


2. Respect the gap between the 2 central uprights, at the bottom of the door leaf:



3. When adjusted, lock the position of the 2 leaves, by tightening the "Top hinge shaft".

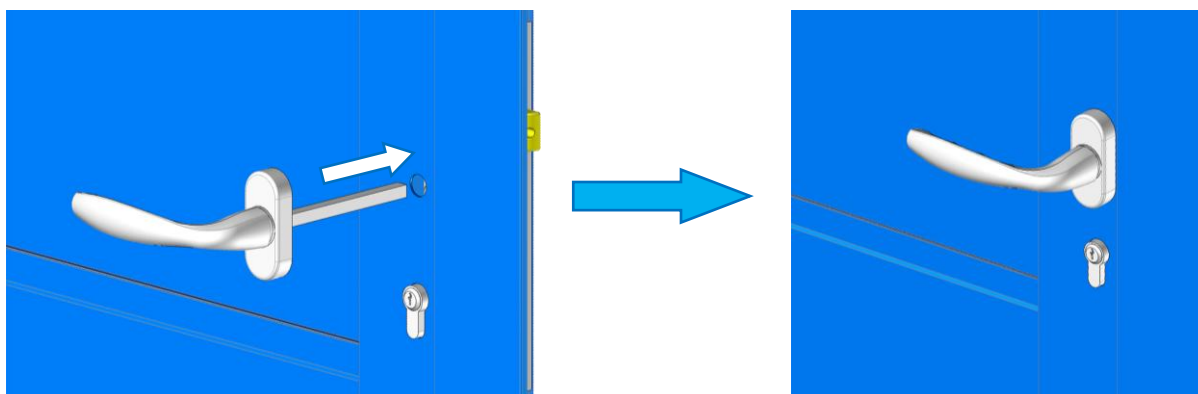
Tightening torque = 20 N.m.



OPTION: Intall the handles and strike plate

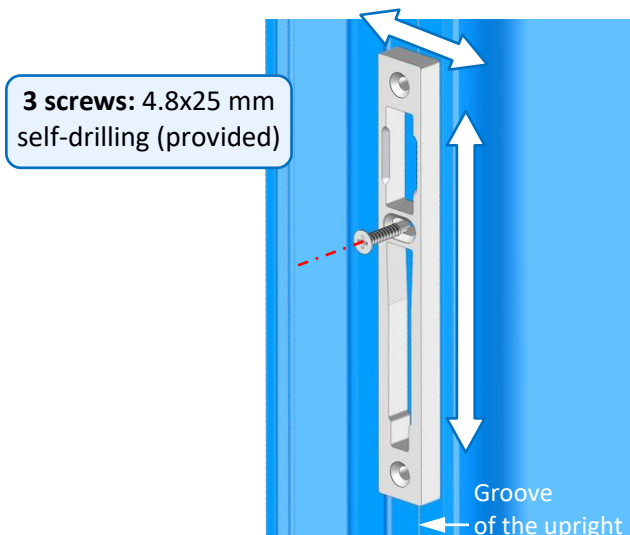
1. Install the handles with the square shaft (provided in the accessory box).

Note: Refer to the assembly instructions, available in the box containing the handle.



2. Identify the vertical position of the strike plate, then fix it with the central screw into the groove of the upright.

Note: Using the oblong hole, adjust its horizontal position so that the latch and bolt slide freely.

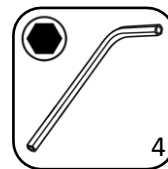
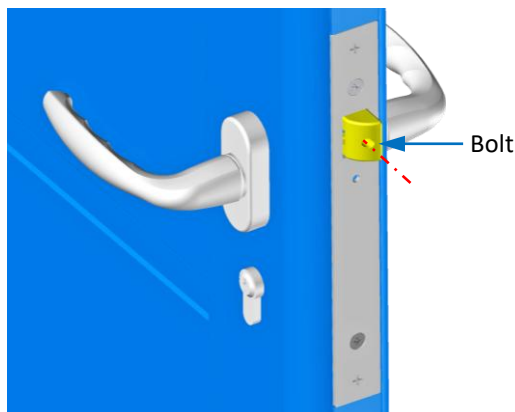


3. After the adjustment, lock the strike plate with the 2 other screws.



4. Depending on the opening direction, turn the bolt accordingly.

Note: It can be adjusted in depth.

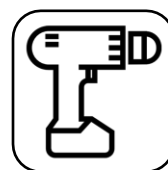
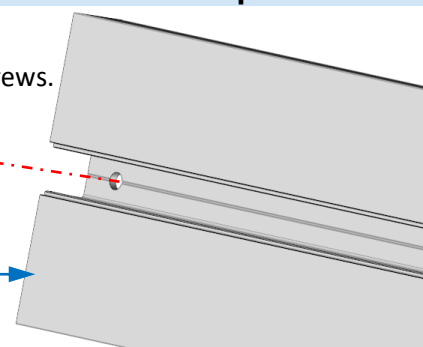


OPTION: Install the motorization reinforcement plate

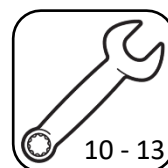
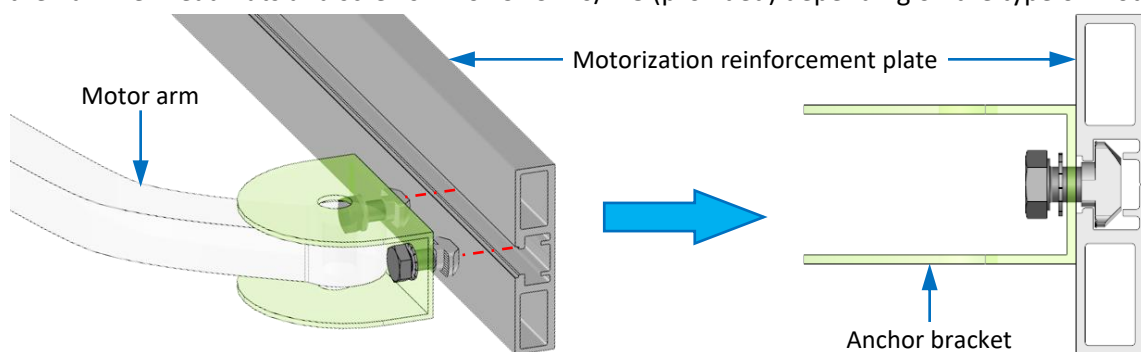
1. Depending on the height of the motor arm, fix the motorization reinforcement plate on the leaf using the self-drilling SR2 4.2x16 screws.

Tightening torque = 2 N.m.

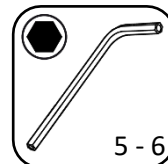
Motorization reinforcement plate



2. Screw the motor arm into the motorization reinforcement plate using the fan type washers and the hammer head nuts and screws TH or CHC M6/M8 (provided) depending on the type of motor.

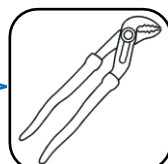
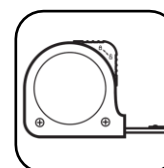
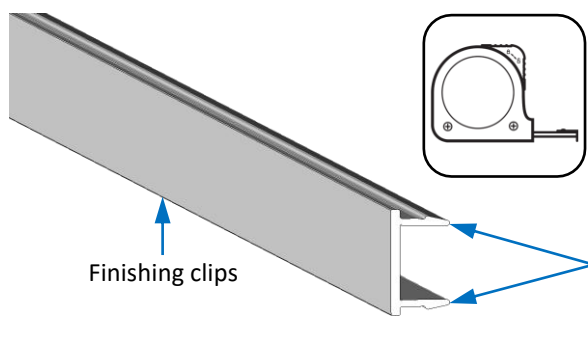


or



3. After adjusting the arm, measure the finishing clips. Cut them to measure, then clip them onto the reinforcement of each side of the anchor bracket.

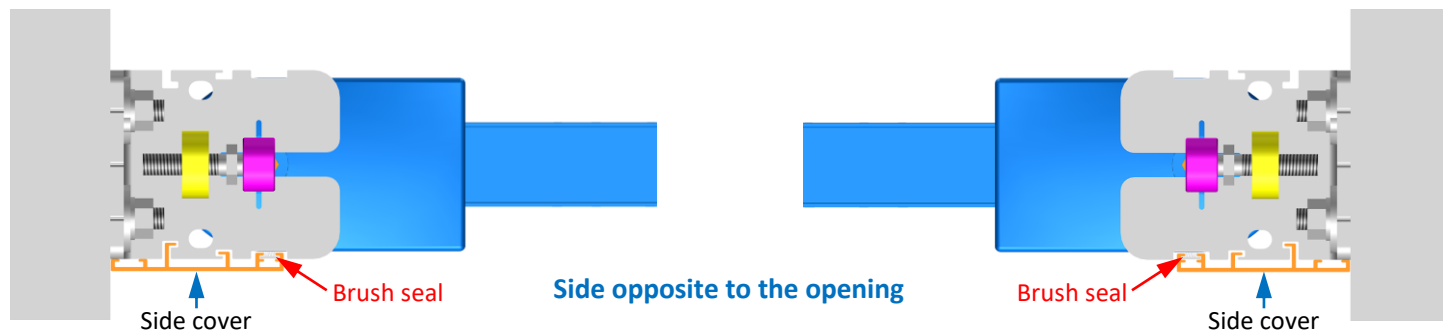
Note: If the grip is a bit weak, slightly deform the clip tabs accordingly.



4. Repeat the operations of this chapter, on the 2nd leaf.

Install the side cover

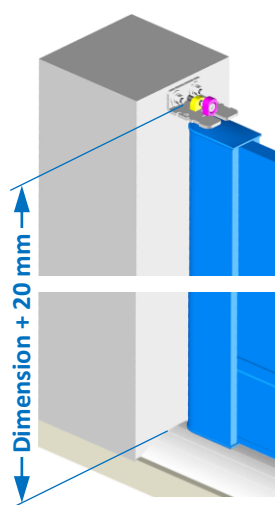
Information: Side covers are to be installed on the opposite side of the opening.



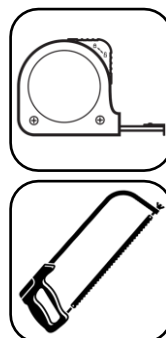
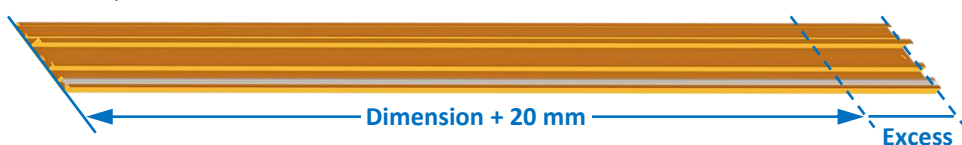
1. Identify the side cover left and right (they can have a different length depending on the slope).

Note: An overlength of the side covers is planned to adjust it to the height of the top hinges.

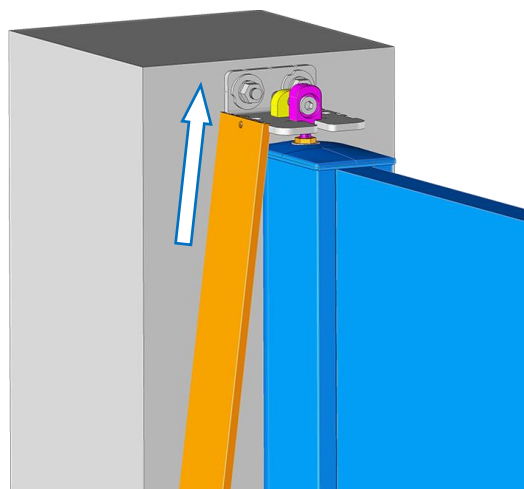
2. On each post, measure the height between the threshold and the top of the bracket plate + Add 20 mm.



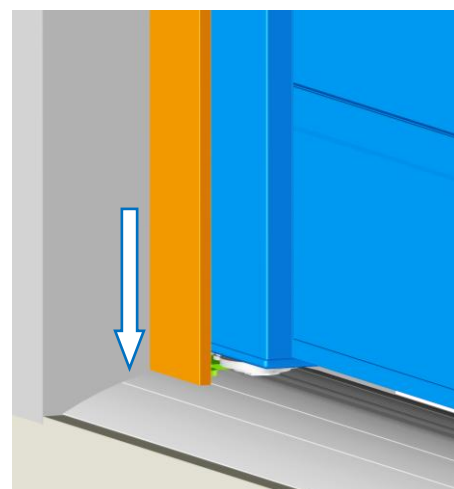
3. Report this dimension on the side cover and cut the excess with its seal.



4. Slide each side cover into the grooves of the brackets and supports, up to the threshold.

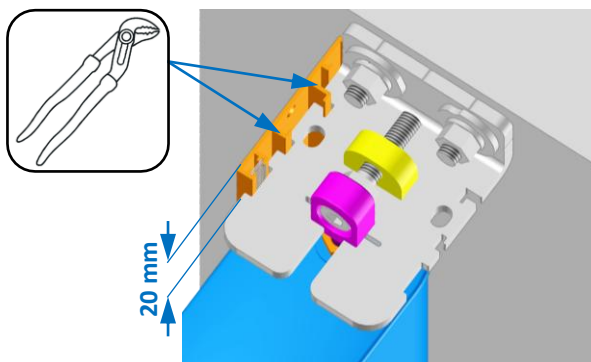


Step 1



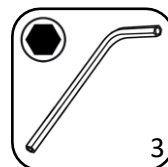
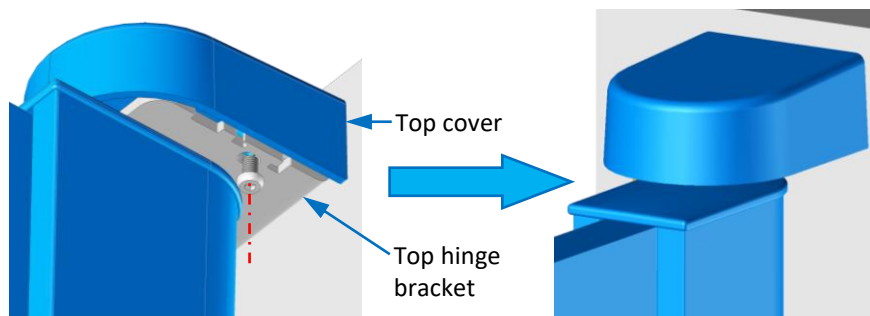
Step 2

5. When they are in place, lock them by slightly distorting the profile.



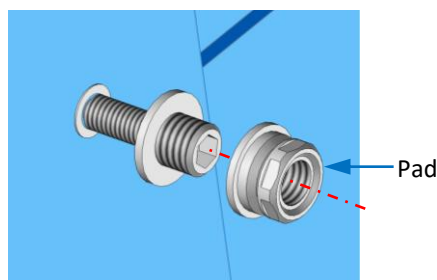
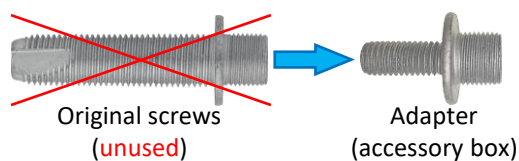
Fix the top covers

Screw the top covers on the brackets of the top hinges with a M6x10 mm supplied screw.

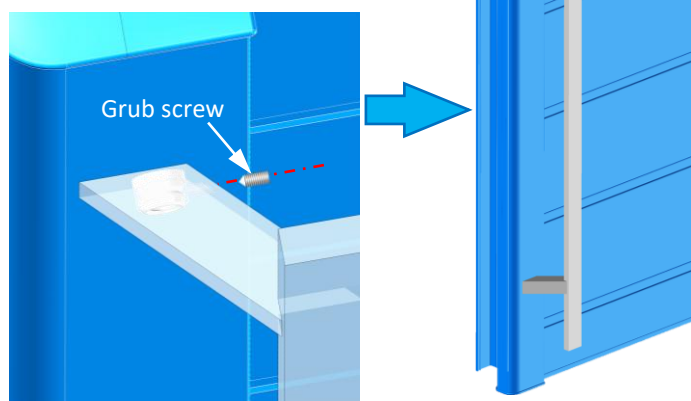


OPTION: Install the Marshal stick handle

1. Screw the 2 adapters M8/M12 with the pads in the inserts of the upright.



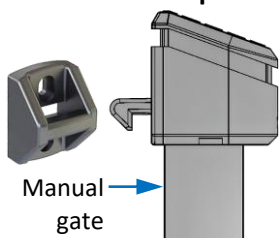
2. Present the Marshal stick handle on the 2 pads and lock it with the 2 grub screws.



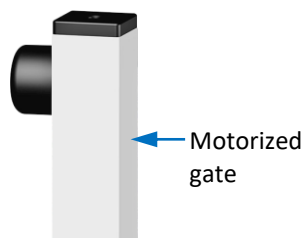
OPTION: Install the universal stops (manual gate) or limit stops (motorized gate)

1. Open gate, position the **universal stops** or **limit stops**.

Screw strikes on the leaves gates (screws provided)



OR



Note: They must be installed as far as possible from the hinges (max. last one third of the leaf).

2. Carry out the markings on the ground.
3. Close the leaves of the gates.
4. Seal onto the ground the universal stops or the limit stops.

If motorized gate: Refer to the installation instructions of the motors.