

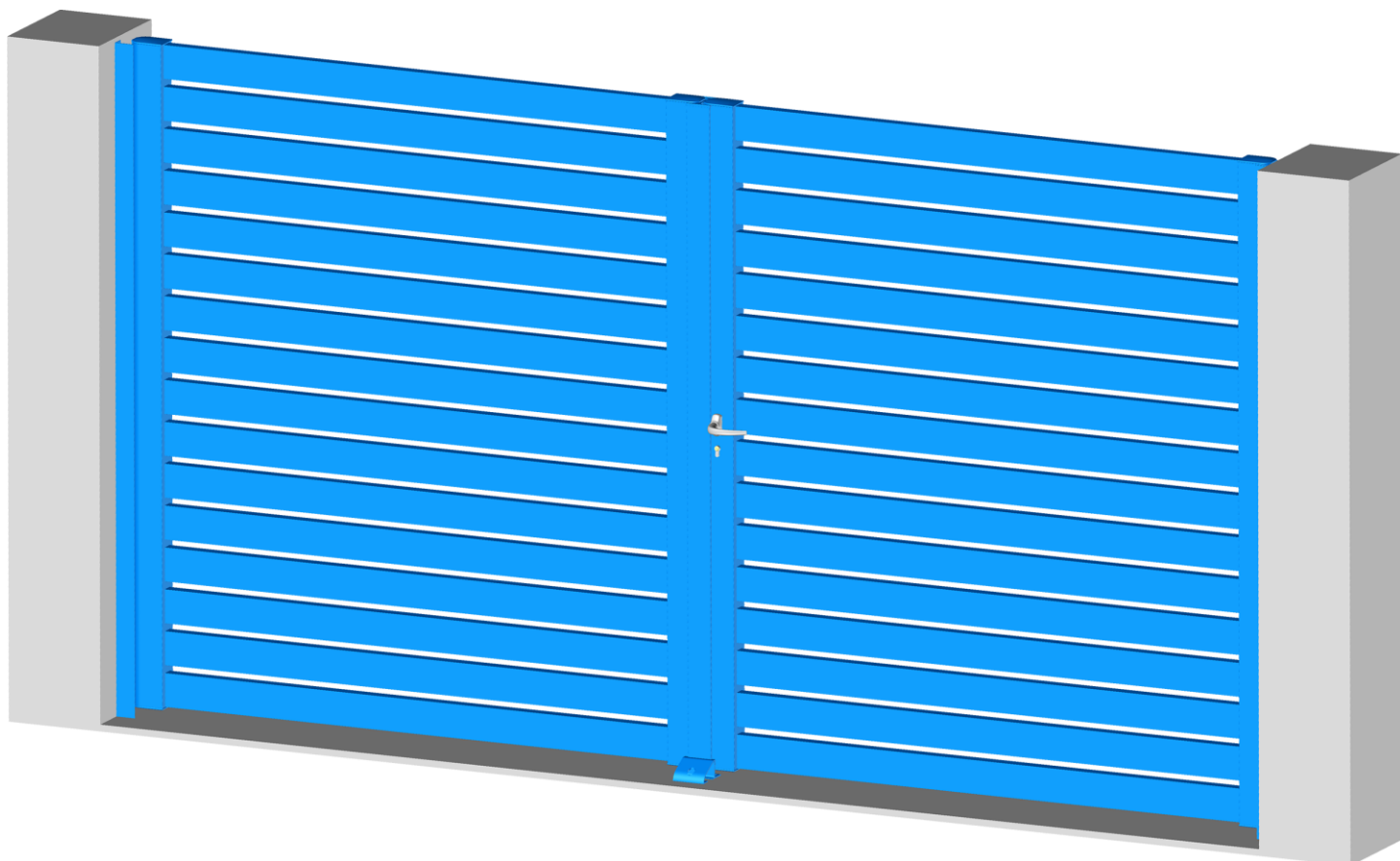
INSTALLATION

2-leaf gate/Wicket door/1 leaf gate

CREATIV range



**OPTION: Hinges for sloppy ground
Between-walls**



(For installers use only)

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Installation instructions



CAUTION !



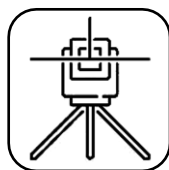
To ensure that this product is well assembled, used and maintained in complete safety, it is important to follow the instructions provided in this document.

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.

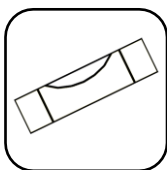
Before installation

List of tools



Laser level

or



Spirit level



Plumb bob



Tape measure



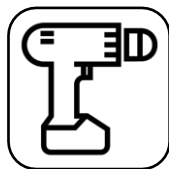
Pencil



Utility knife



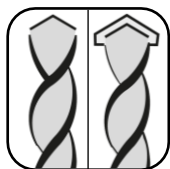
Cordex



Screwdriver
with bits



Perforator



Steel/Concrete
drills



Allen keys



Flat wrenches



Phillips
screwdriver



Flat
screwdriver



Hammer



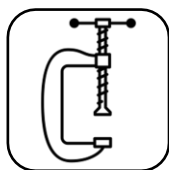
Hacksaw



Grinder



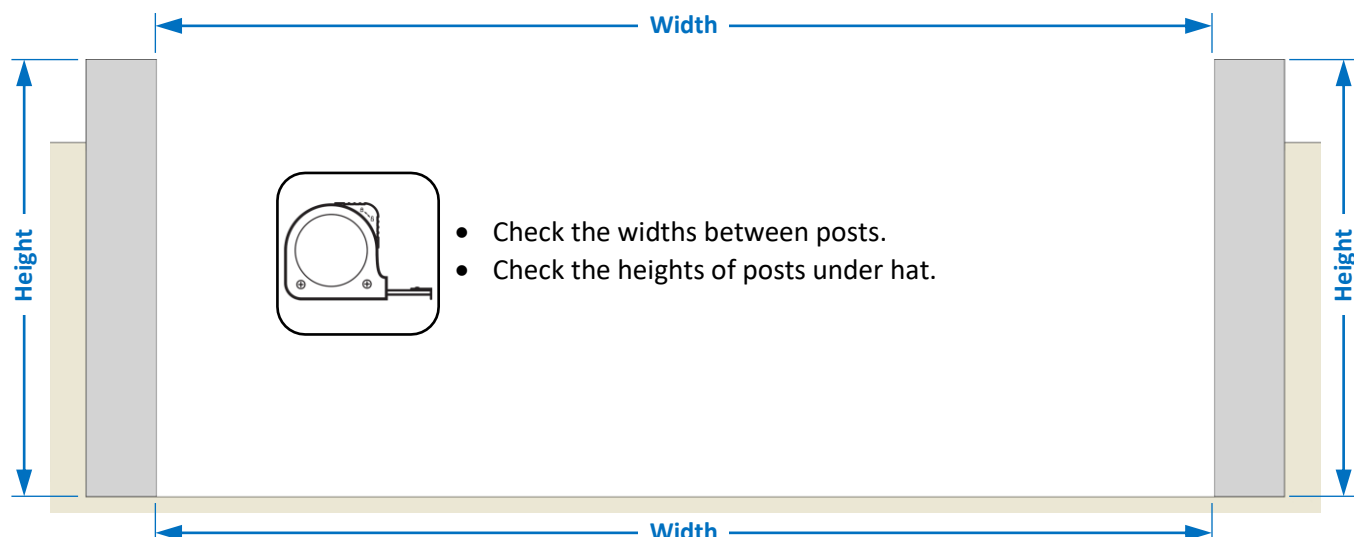
Mason's rule



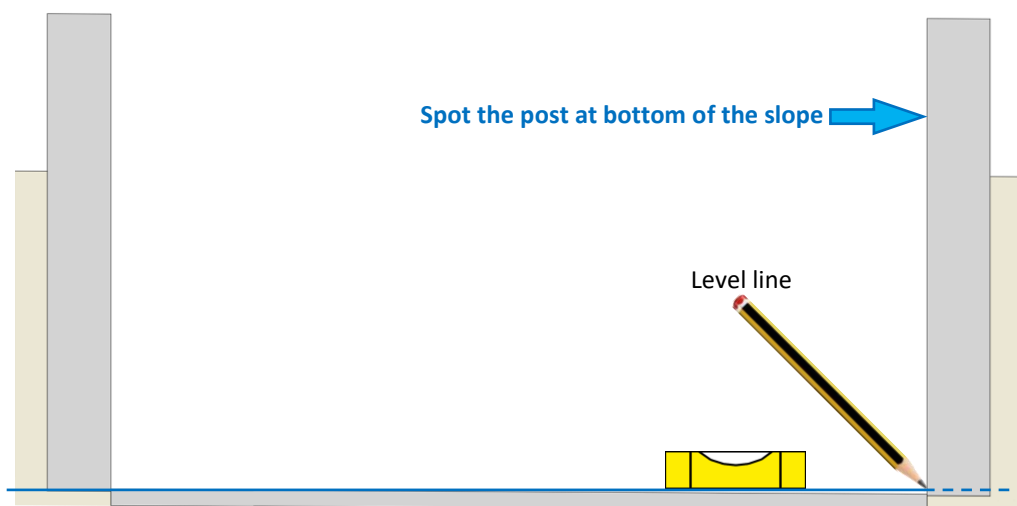
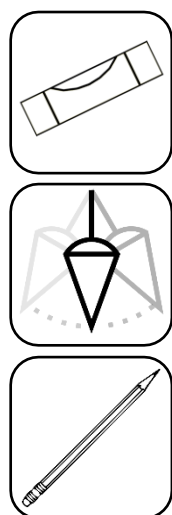
Clamps

Screws
and dowels
adapted to
the supports.

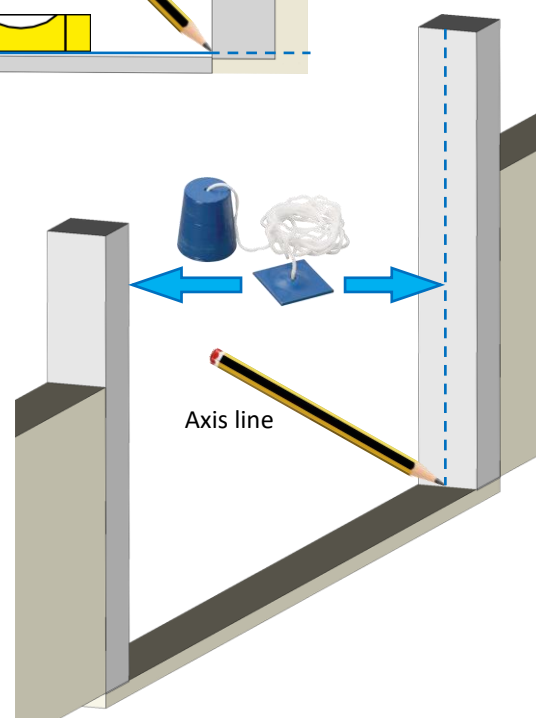
Check worksite dimensions



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.



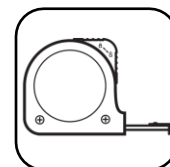
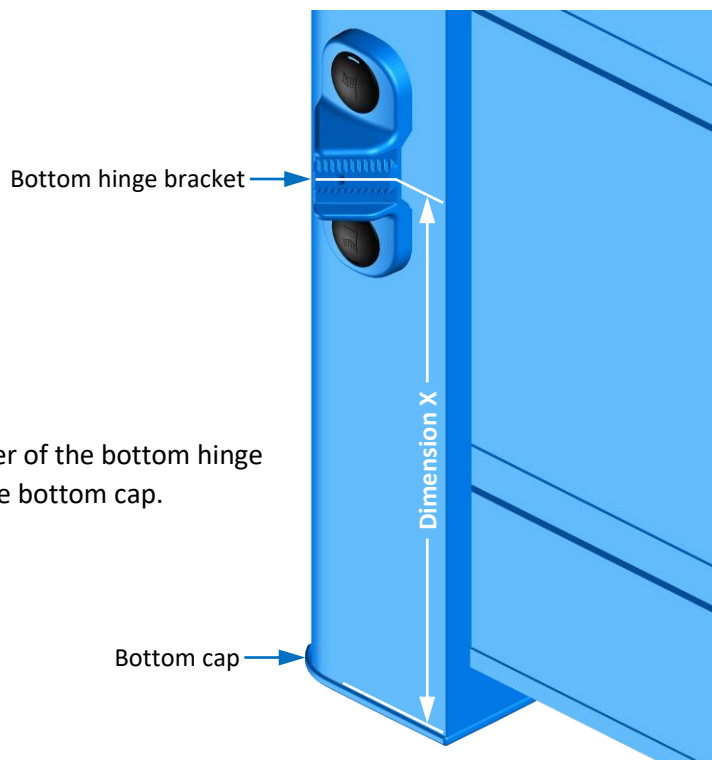
Installation

IMPORTANT, before the installation:

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

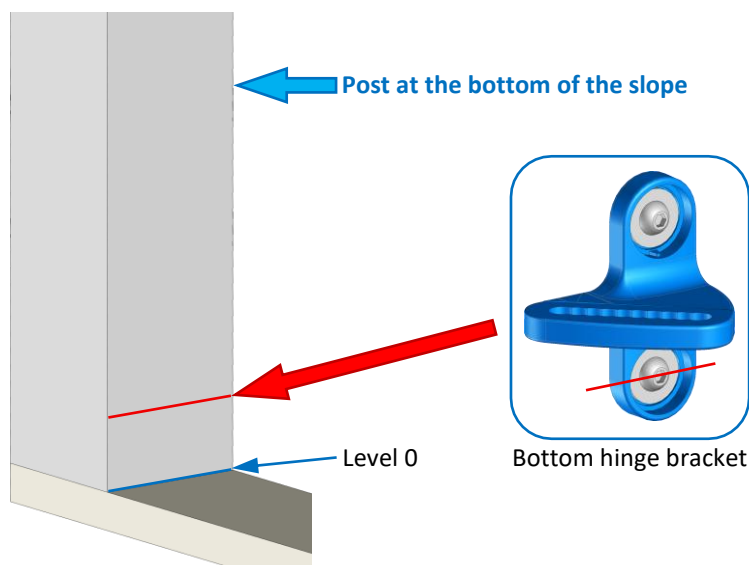
Measure the dimension X

Dimension X = Height between the center of the bottom hinge bracket and the top of the bottom cap.

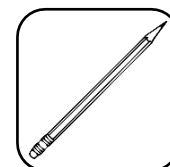
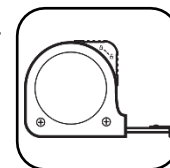


Position the holes of the bottom and top hinge bracket

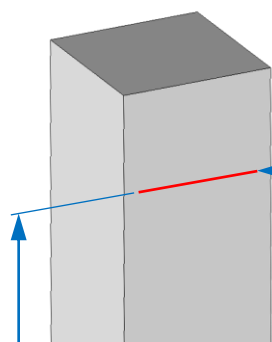
1. On the post, determine the height of the 1st drilling axis of the bottom hinge by drawing a horizontal line.



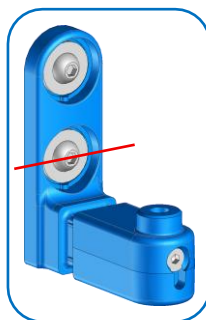
**Horizontal line
(bottom drilling line)
to X - 37 mm from level 0.**



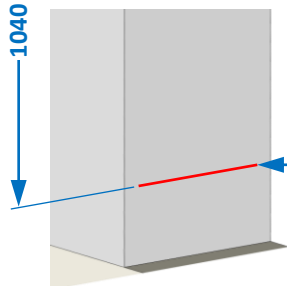
2. Draw a horizontal line at the top of the post, respecting the given dimension.



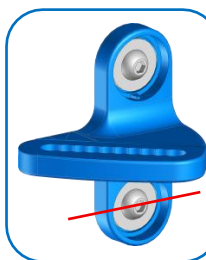
Horizontal line
(bottom drilling line)



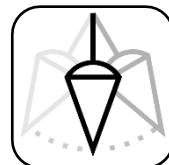
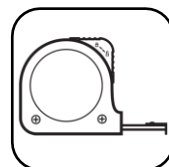
Top hinge bracket



Horizontal line
(bottom drilling line)

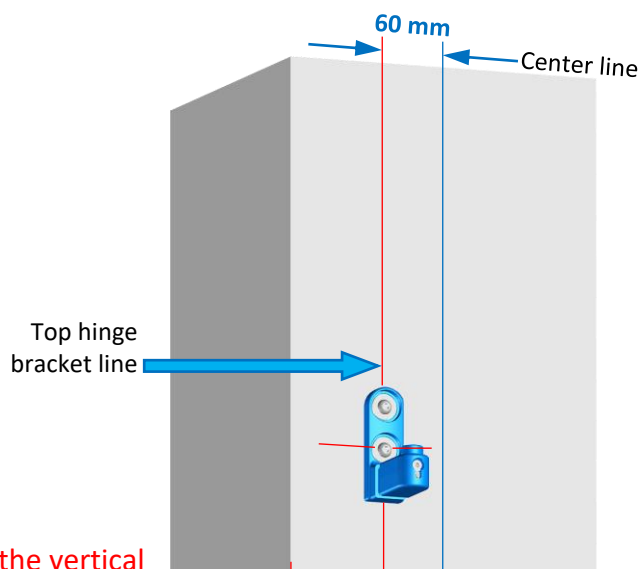


Bottom hinge bracket



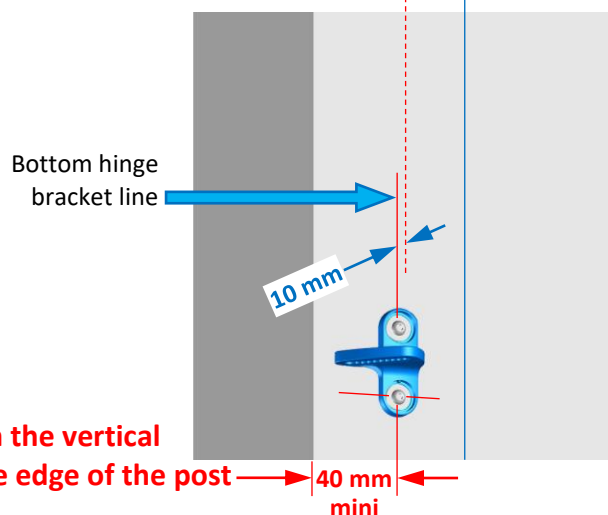
For a 1-leaf gate/wicket door centered on the post:

- Draw a vertical line center of the post.
- Draw a 2nd vertical line, offset by 60 mm from the center line, to position the top hinge bracket.
- Draw a 3rd vertical line, offset by 70 mm from the center line, to position the bottom hinge bracket (offset by 10 mm from the vertical line of the top hinge bracket).



If aluminum post in 180, the dimension between the vertical line of the top hinge bracket and the edge of the post is advised

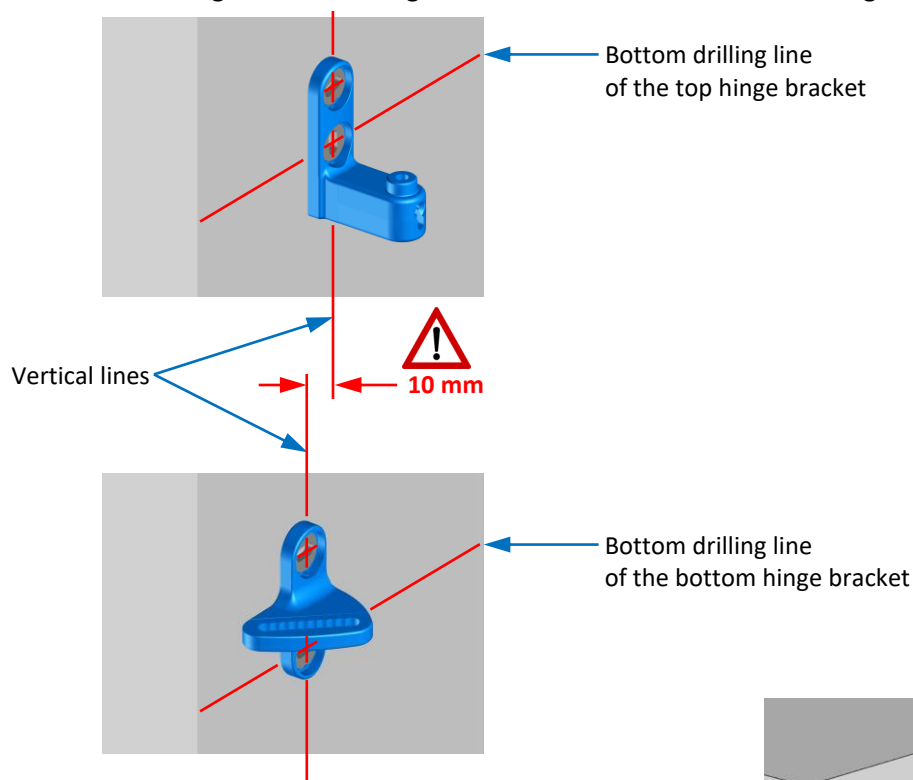
63 mm



Respect the minimum distance between the vertical line of the bottom hinge bracket and the edge of the post

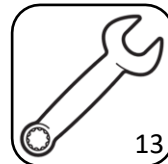
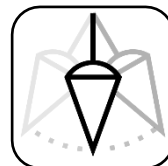
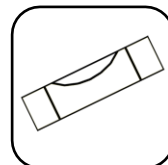
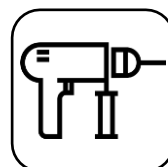
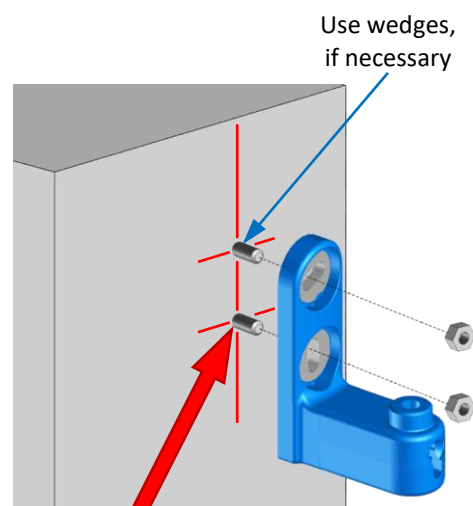
40 mm
mini

3. Position the hinge brackets along the vertical lines and trace the drillings.



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

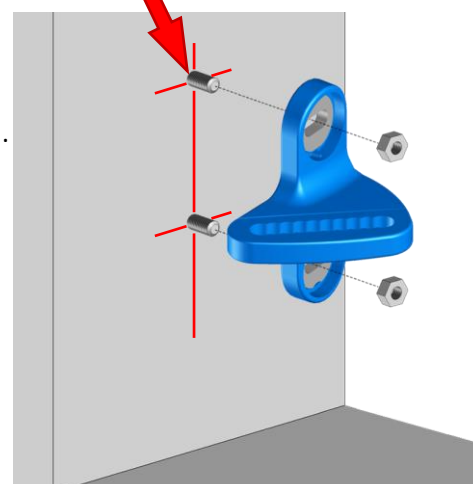
Note: Recommended fastenings M8.



5. Position the top and bottom hinge brackets onto the studs, level.

Note: Use eccentric adjustment washers.

Then bolt the assembly (washers and nuts not provided).

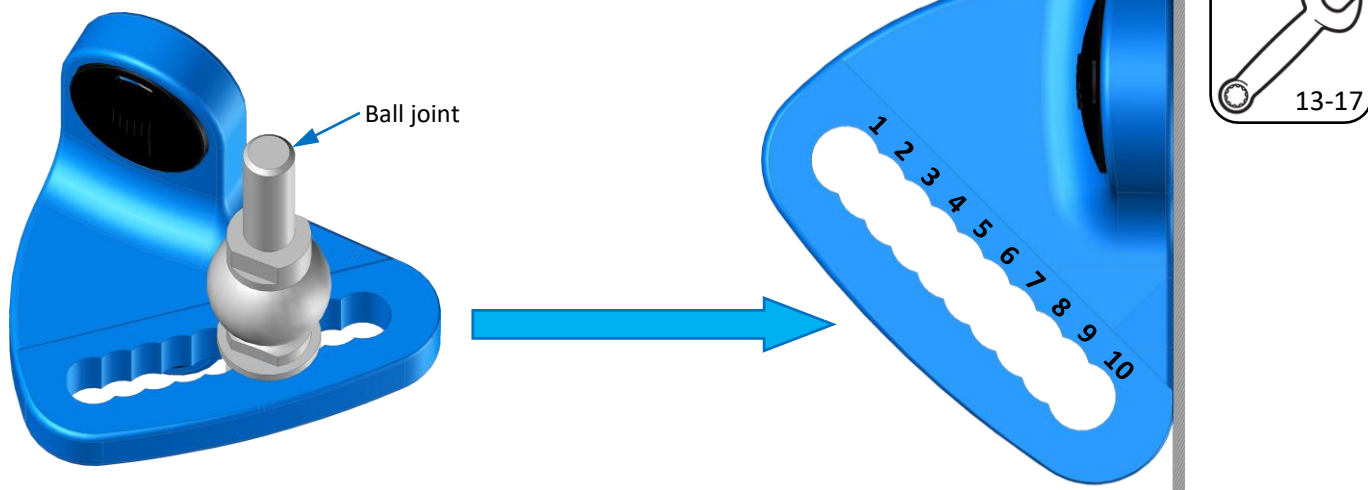


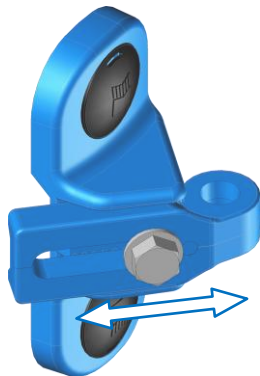
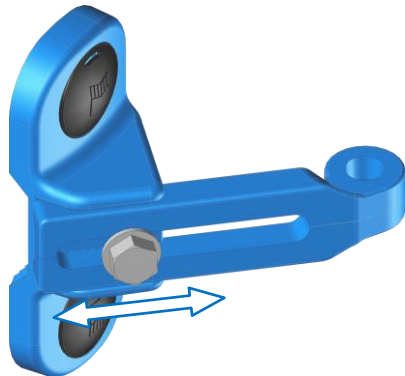
6. If 2-leaf gate, repeat these operations on the 2nd post, following the chapters from **Position the holes of the bottom and top hinge bracket**.

IMPORTANT: Ensure that the bottom and top hinge brackets are at the same levels.

Adjusting the slope angle

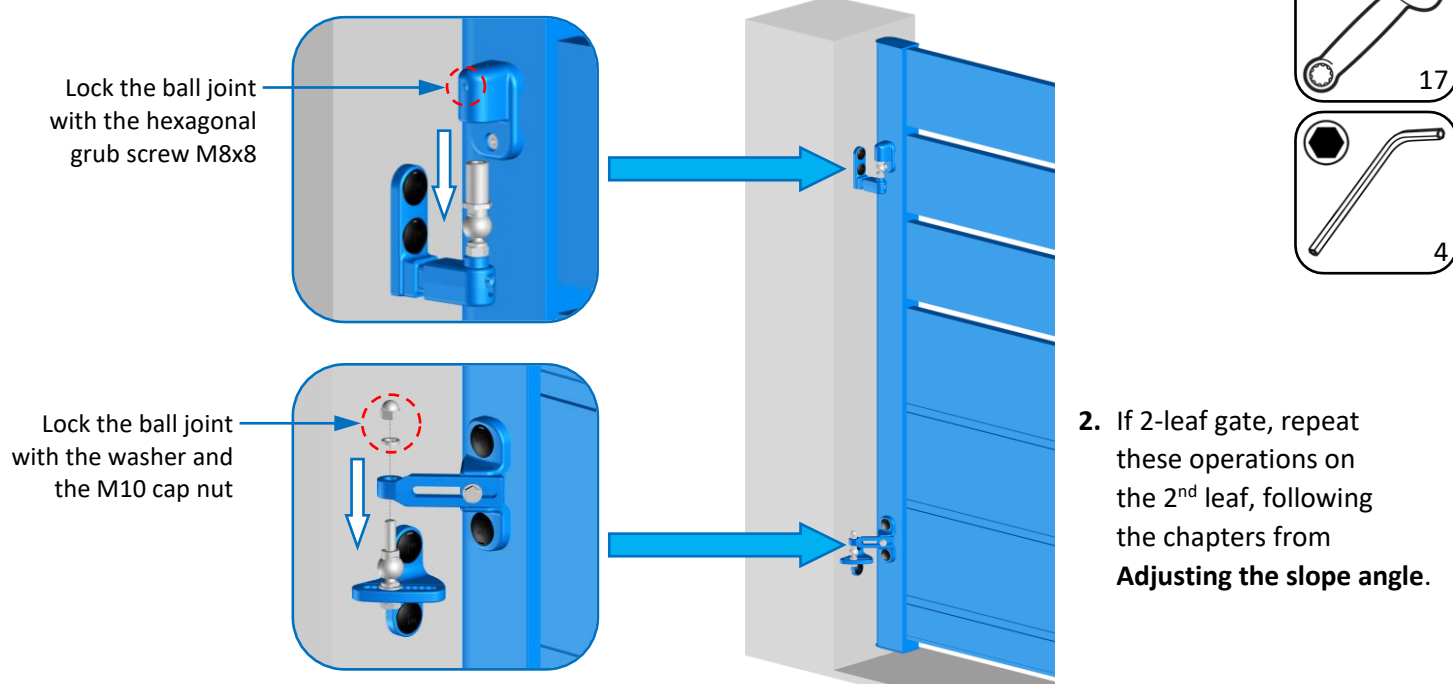
Position the ball joint according to the desired angle.



POSITIONS	1	2	3	4	5	6	7	8	9	10
Degrees	2,6°	3,1°	3,6°	4,1°	4,6°	5°	5,5°	6°	6,5°	7°
Percentages	4,6%	5,4%	6,3%	7,1%	8%	8,8%	9,6%	10,5%	11,4%	12,2%
Bottom hinge joints										
	Adjust the joint of the bottom hinge bracket according to the positioning of the ball joint									

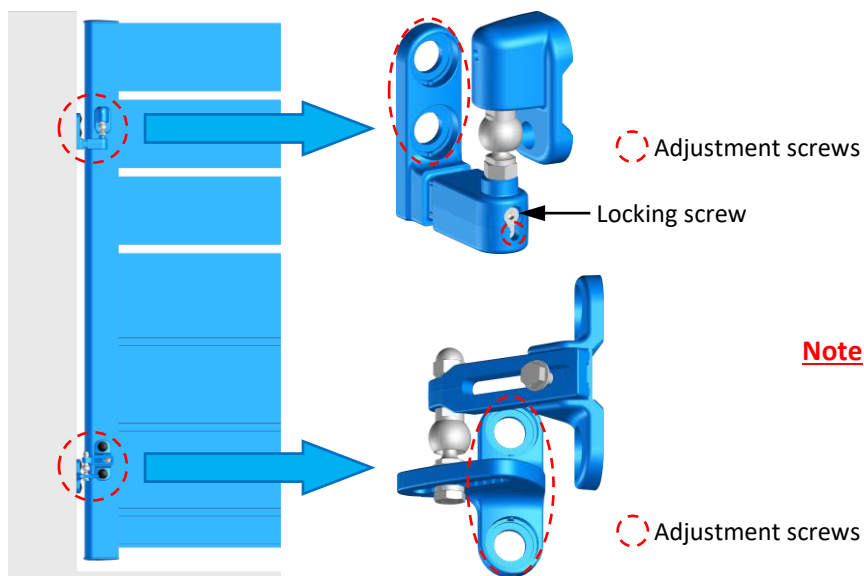
Install leaves or wicket door/1 leaf gate

1. Present the 1 leaf gate or wicket door on the ball joints of the top and bottom hinge brackets.

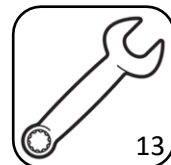
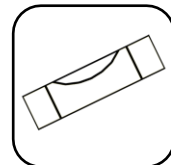
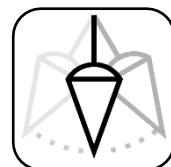


Completions

Adjusting the leaves or wicket door/1 leaf gate

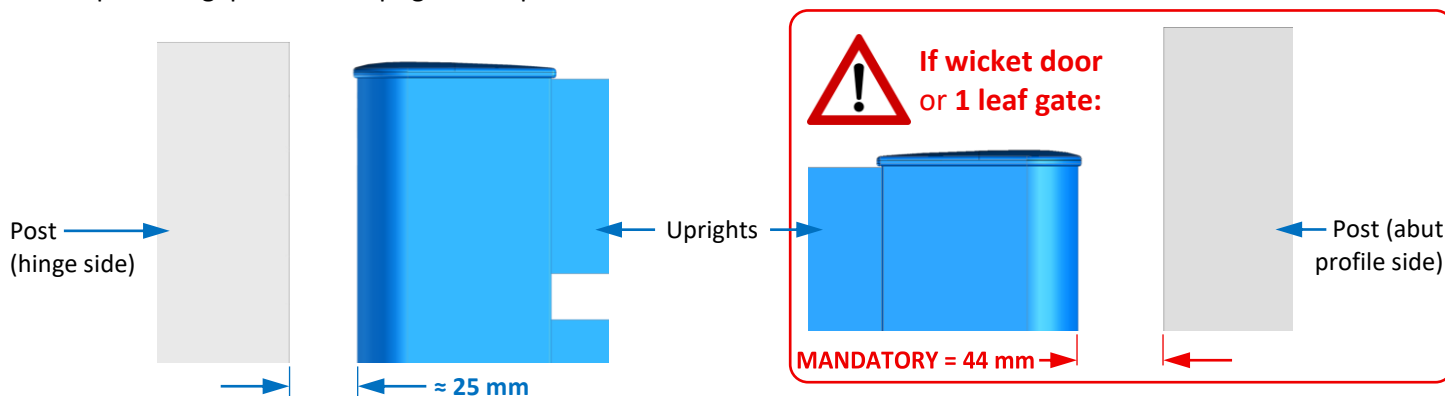


Note: When adjustment is completed, lock using the locking screws.

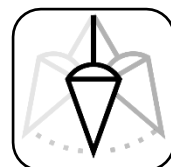
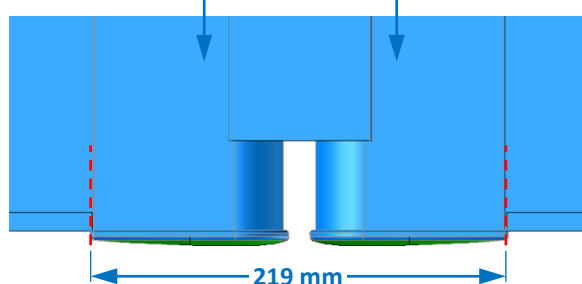


Move the top and bottom hinges, while checking the plumb and alignment of the leaves or wicket door/1 leaf gate, settle the following points:

1. Respect the gap between uprights and posts:

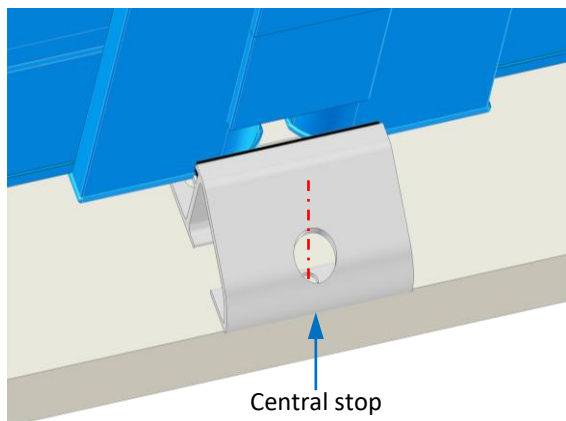


2. If 2-leaf gate, respect the gap between the 2 central uprights, at the bottom of the door leaf:

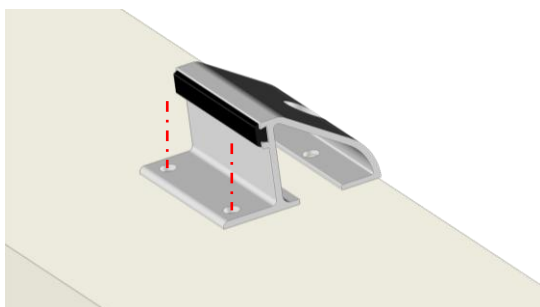


If 2-leaf gate: Install the central stop

1. Gate closed, center the central stop in the middle of the 2 central uprights, then mark the front drilling point.

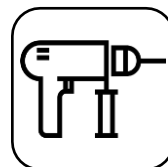
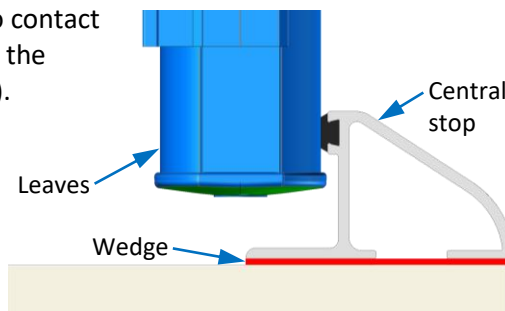


2. Without moving the central stop, open the gate and mark the other 2 holes at the back, see figure more below.



3. Remove the central stop, drill the ground and insert 3 struck dowels M8 provided with its washers, then fix it.

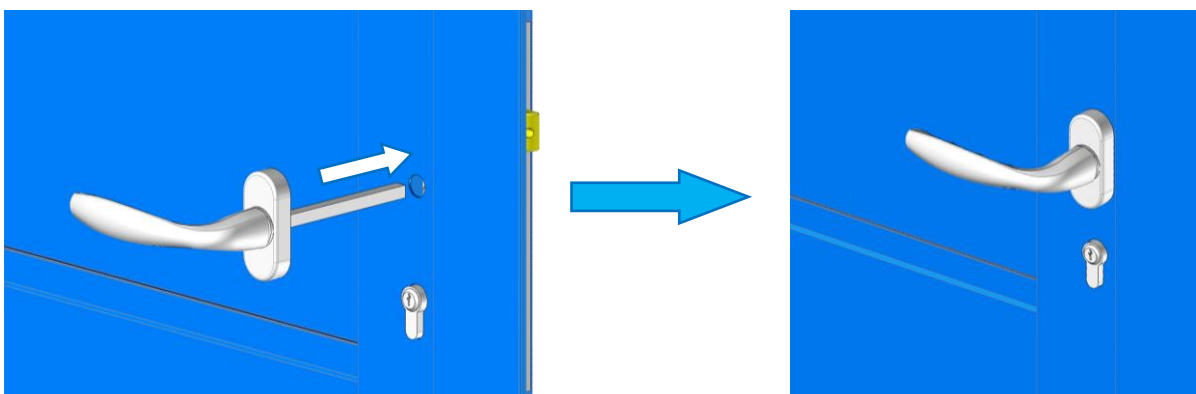
Note: When closing the gate, the 2 leaves must come into contact against the central stop. If this is not the case, raise the central stop with the help of wedges (not provided).



OPTION: Intall the handles

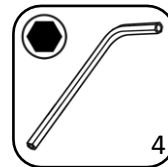
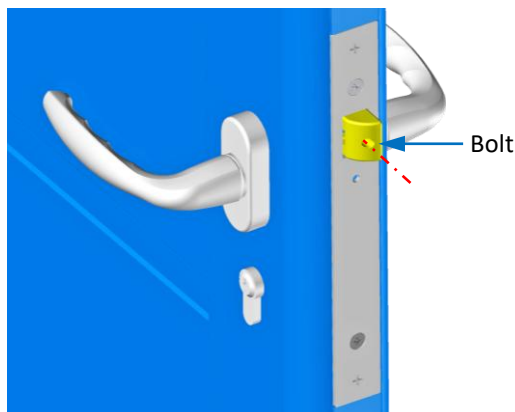
1. Install the handles with the square shaft (provided in the accessory box).

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



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

Note: It can be adjusted in depth.

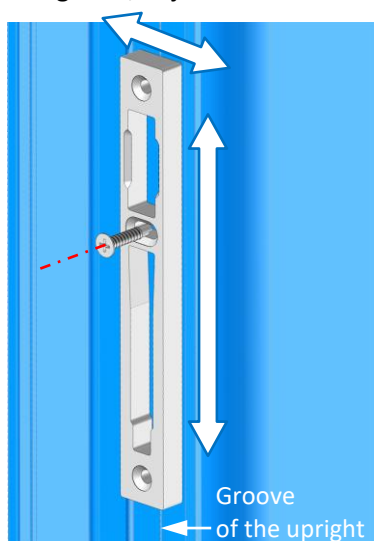


If 2-leaf gate: Install the strike plate

- 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 screws :
4.8x25 mm
self-drilling
(provided)



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

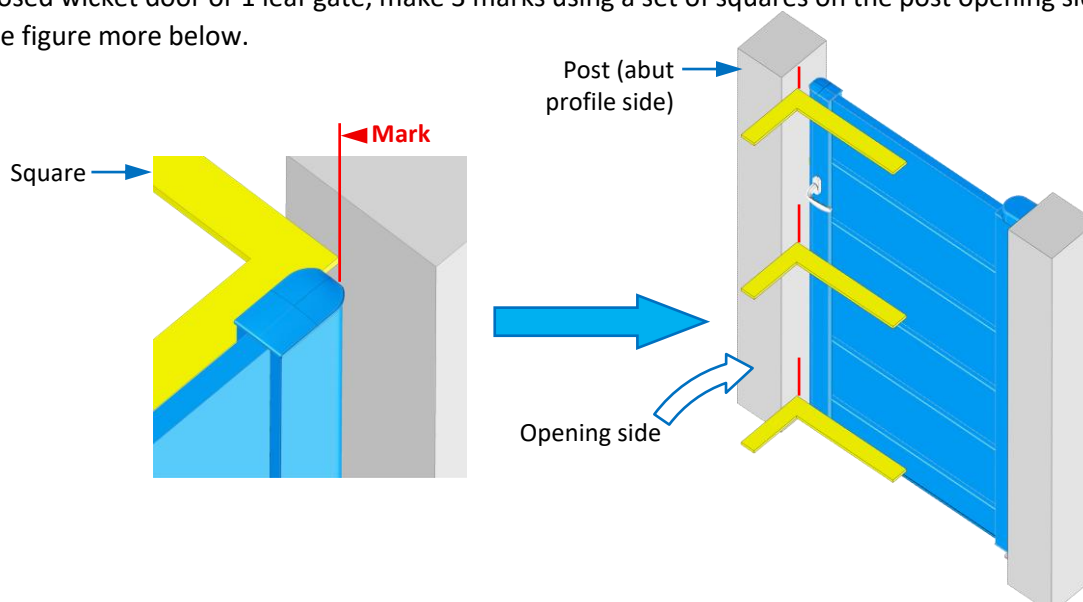


OPTION: If wicket door/1 leaf gate, install the electric strike

→ Refer to the instructions for the **electric strike**, delivered in the accessory box.

If wicket door/1 leaf gate: Install the abut profile

- Closed wicket door or 1 leaf gate, make 3 marks using a set of squares on the post opening side, see figure more below.



2. Open the wicket door or 1 leaf gate, position abut profile on the ground, aligned with the markings and mark the drillings.

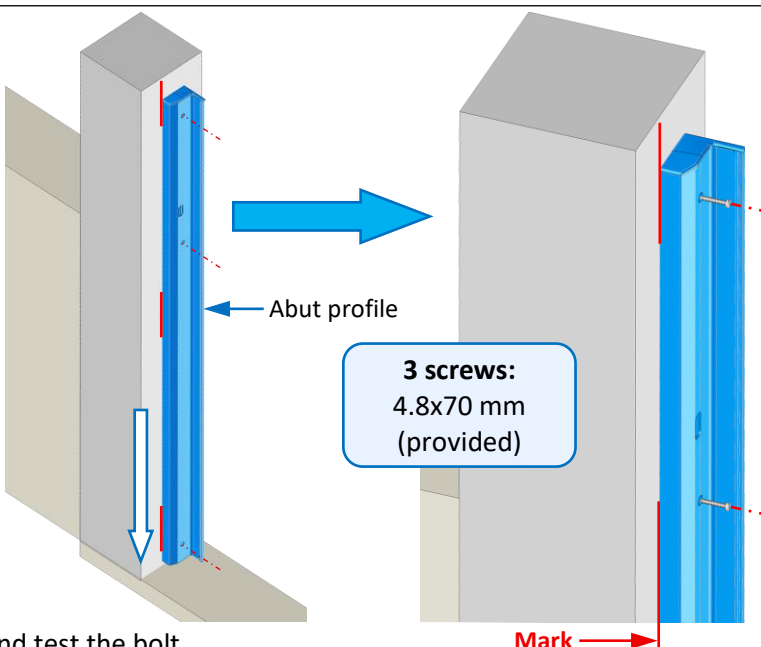
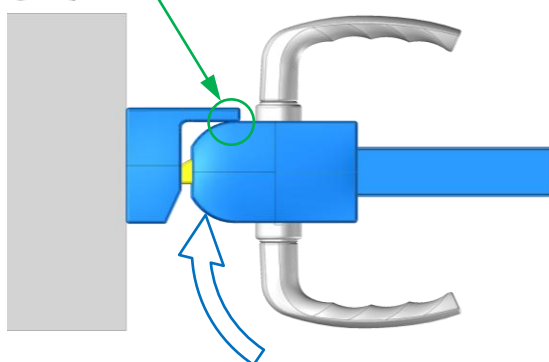
3. Drill the post $\varnothing 8$ mm, depth 70 mm mini.

4. Insert the dowels $\varnothing 8$ mm (provided) in the post and fix the abut profile.

5. Close the wicket door or 1 leaf gate and test the bolt.



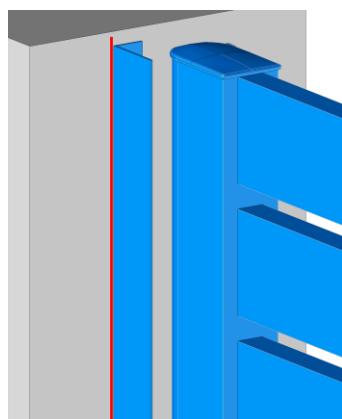
If the seal of the abut profile is resting on the cap, cut it to facilitate the bolt to close.



Install the side cover

Note: An overlength of the side cover is planned to adjust it to the desired height.

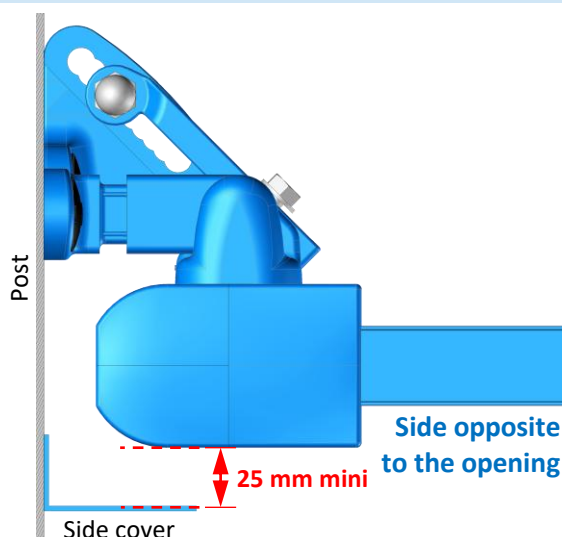
1. Close the leaves or wicket door/1 leaf gate.
2. On the post, identify the position of the side cover and measure it to height.



3. Cut the bottom part preferred.

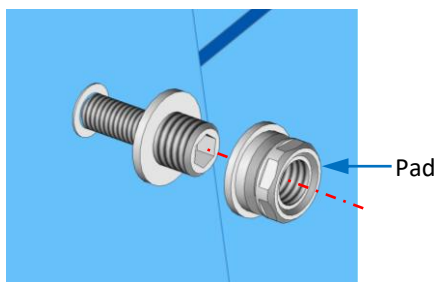
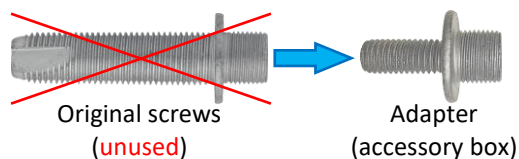
4. Fix the side cover to the post, using fasteners adapted to the support (dowels and screws not provided).

5. If 2-leaf gate, repeat the operations of this chapter, on the 2nd leaf.

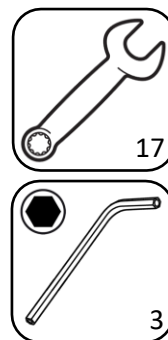
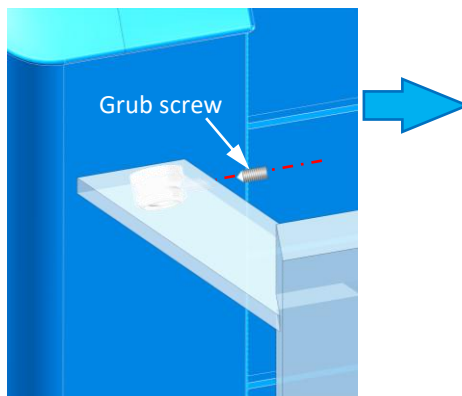


OPTION: Install the Marshal stick handle

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

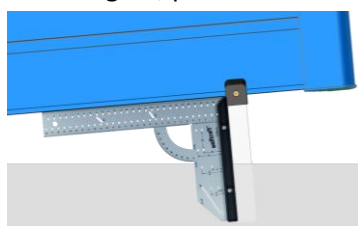


2. Present the Marshal stick handle on the 2 pads and lock it with the 2 grub screws.



OPTION: Install the universal stop

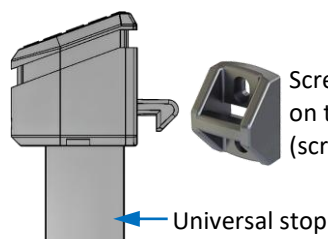
1. Open wicket door or 1 leaf gate, position the **universal stop** perpendicular to the bottom slat.



Use a clamp to secure the universal stop with the bottom slat.

Note: It 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 1 leaf gate or wicket door.
4. Seal onto the ground the universal stop.
5. If 2-leaf gate, repeat the operations of this chapter, on the 2nd leaf.



Screw strike
on the leaf gate
(screws provided)

