

INSTALLATION INSTRUCTIONS

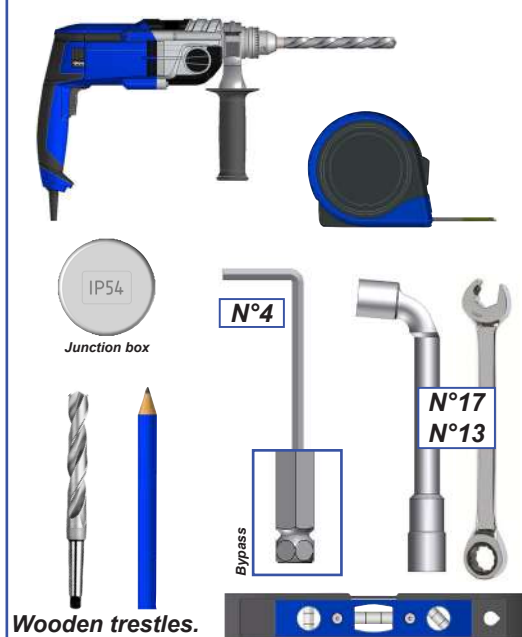
PERGOLA AWNING 135



3 people
1 day

PREPARING THE INSTALLATION

Necessary tools



IMPERATIVE



WARNING, the following instructions completely before starting to install your pergola. Your security depends on it.



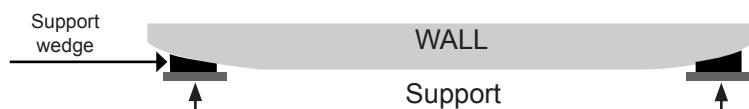
BEFORE BEGINNING THE INSTALLATION, check the contents of the packages received if an item makes you suspect or is missing during this check, contact our technical service as soon as possible (do not mount the structure if items are defective.)!



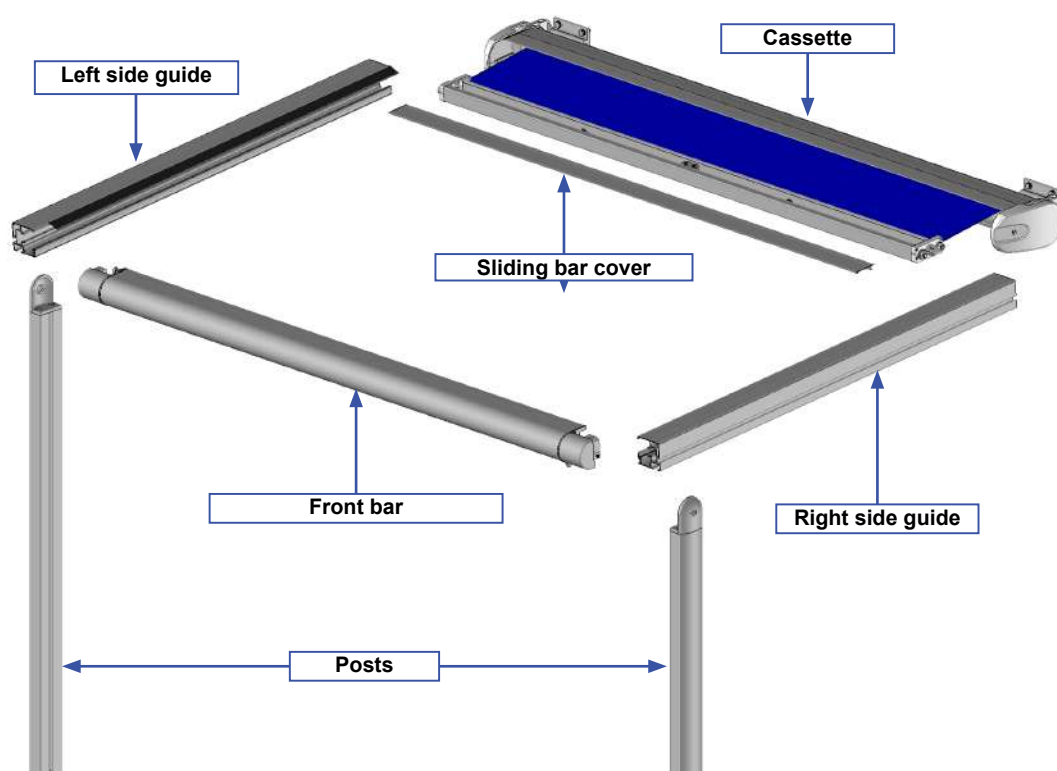
Check the flatness of your wall. In the case of a hollow or curved wall, make a solid wedging of the wall chest to obtain a correct alignment.

In absence of concrete slab on the ground, make concrete pads at each foot, in order to fix the supports. Dimension and composition of concrete pads:

- 63cm x 63cm x 63cm (500Kg) + IRON REINFORCEMENT.



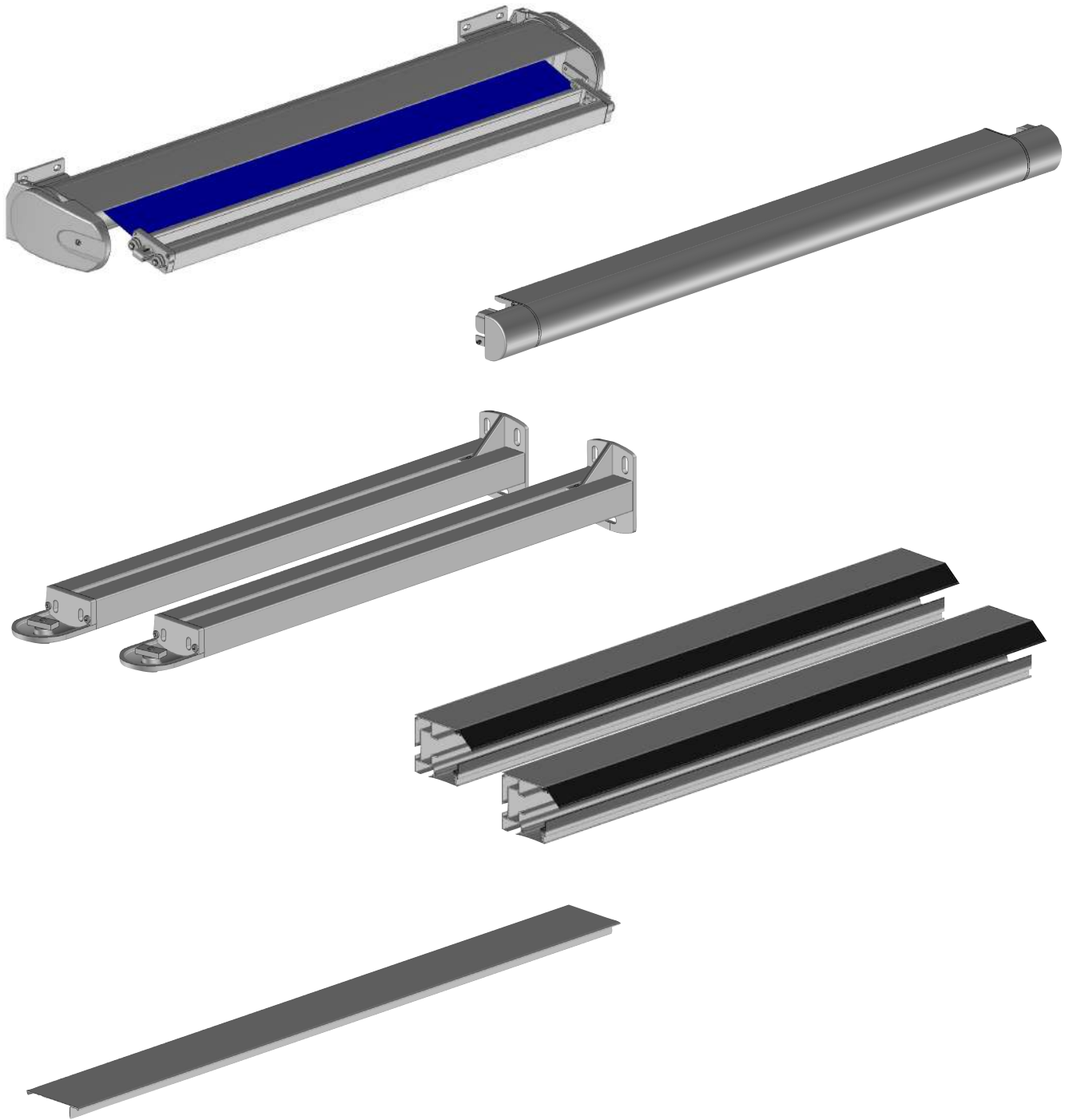
AWNING PERGOLA 135



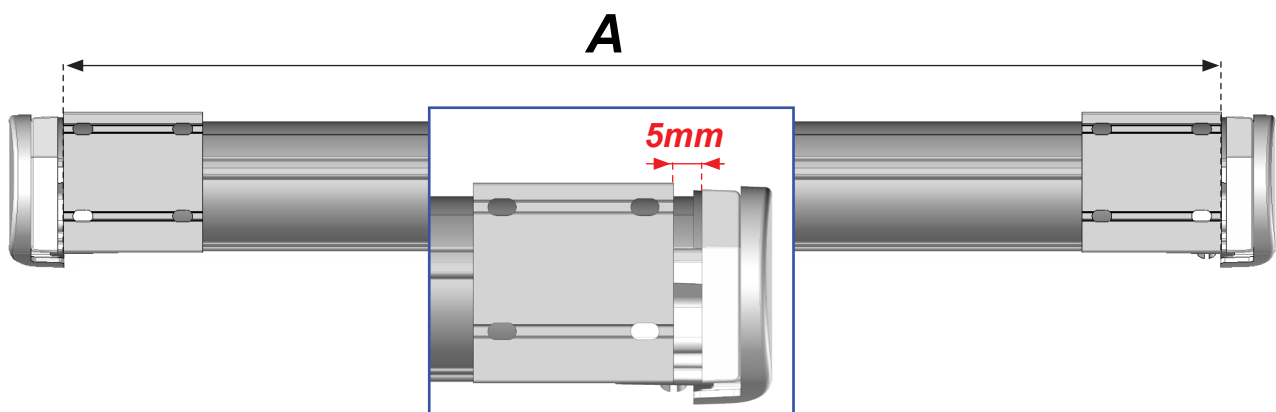
STPERG0123 10.19.A

Non contractual drawings

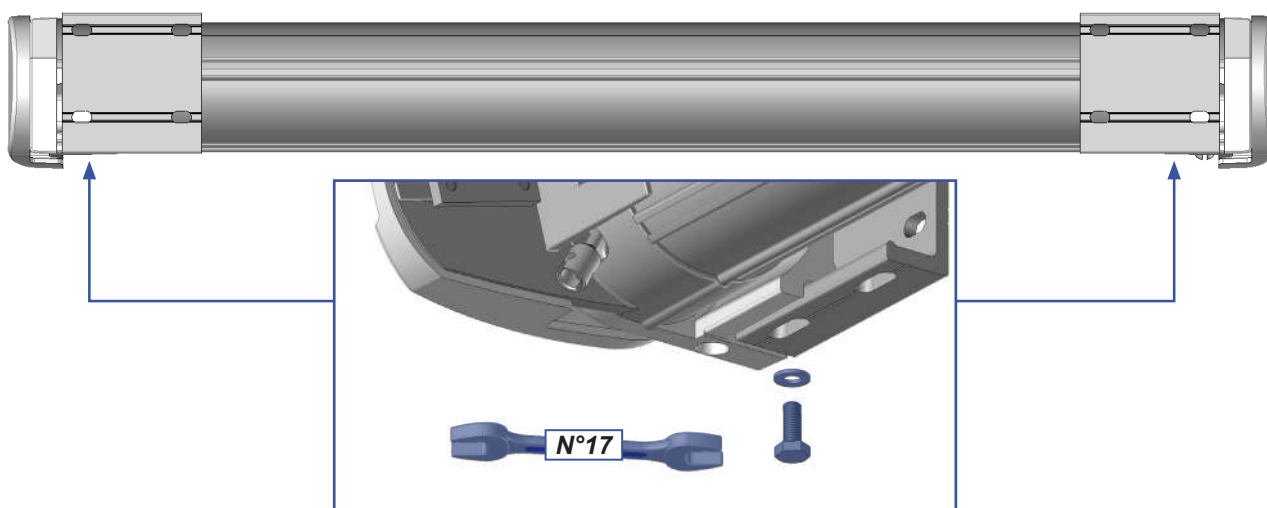
The components



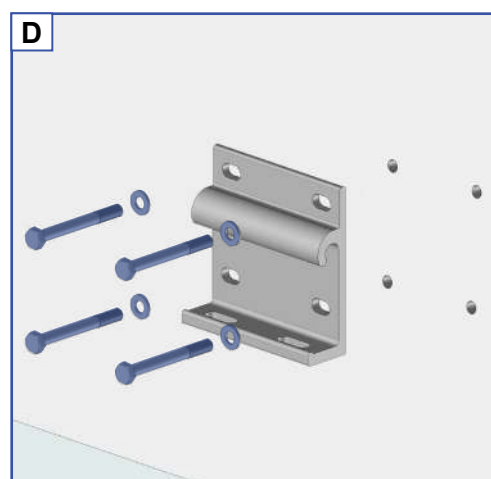
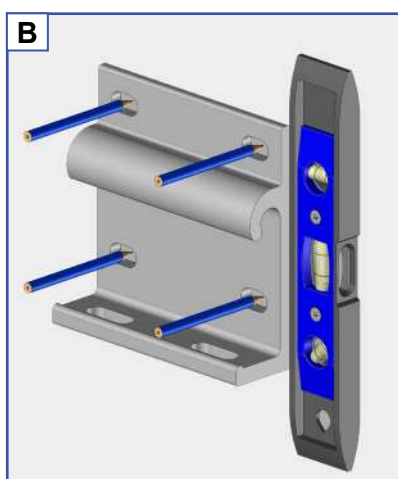
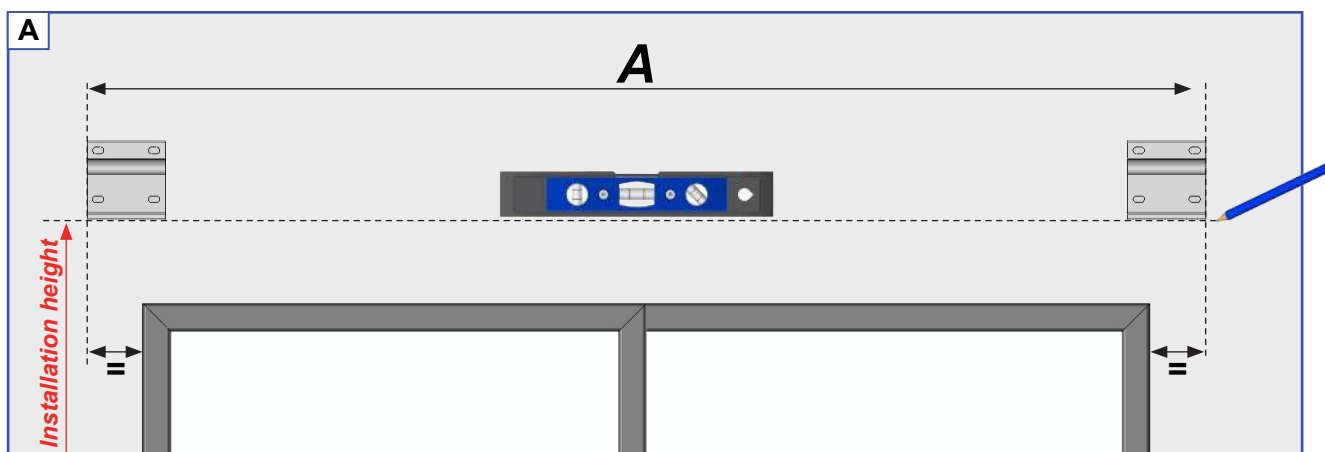
1 Measurement.



2 Remove the wall brackets.




3 Installation of the wall brackets.



Adapt the fixation to the wall nature. Fixing with Ø10mm screws. Kit of screws and washers not supplied. In the case of installation using a chemical sealing kit, refer to the instructions of the product used.

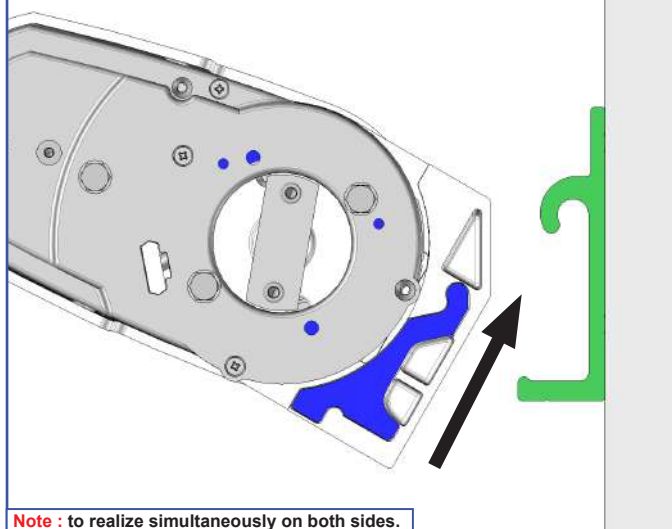
IMPORTANT :

Check the level and alignment of wall brackets before proceeding with installation.

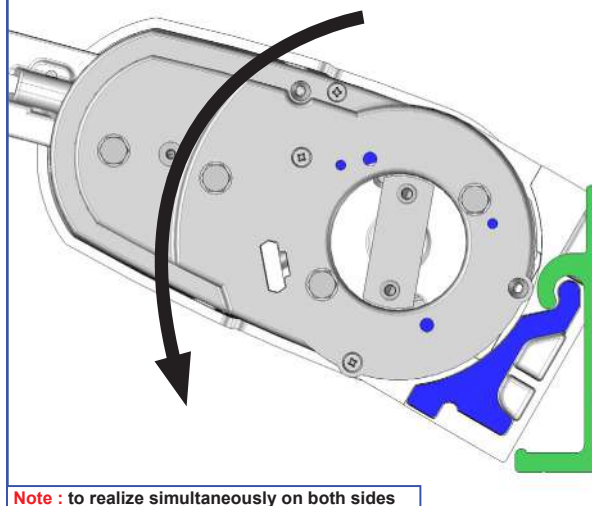
Check  continue installing the pergola

Check  reinstall the brackets not leveled or misaligned.

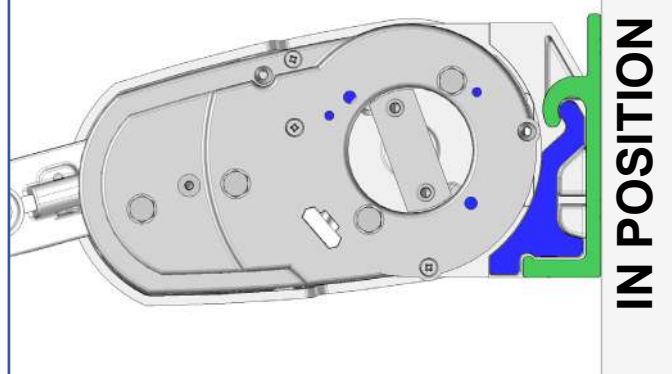
4 Installing the cassette.



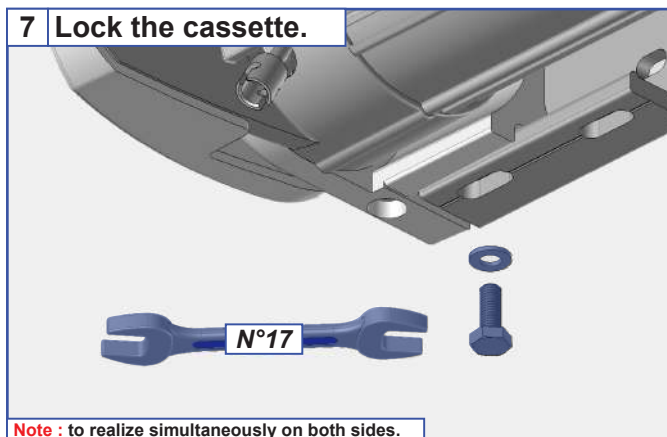
5



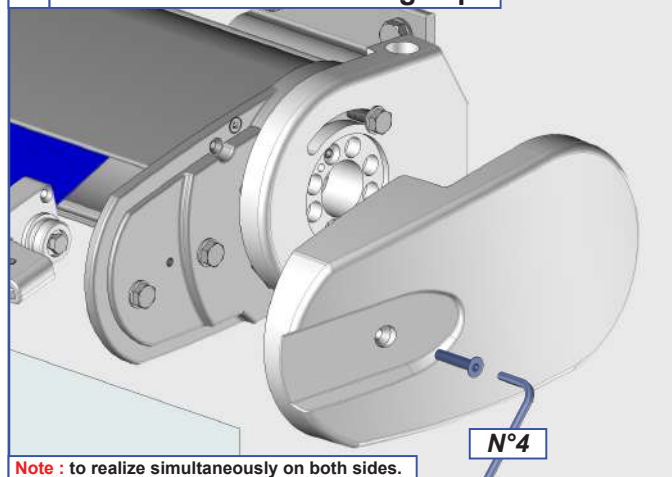
6



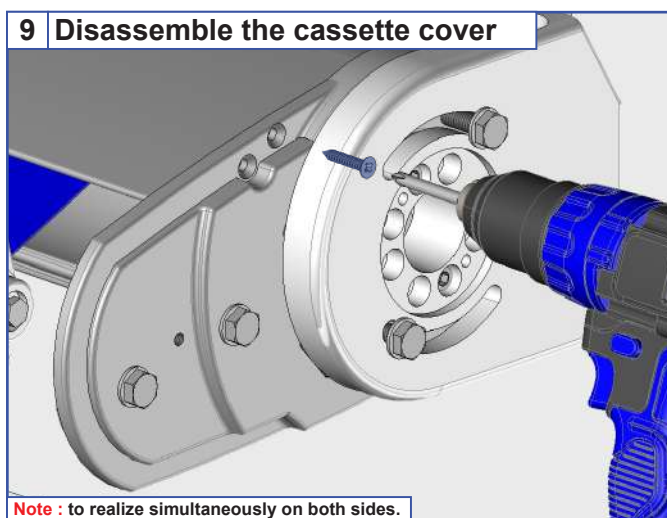
7 Lock the cassette.



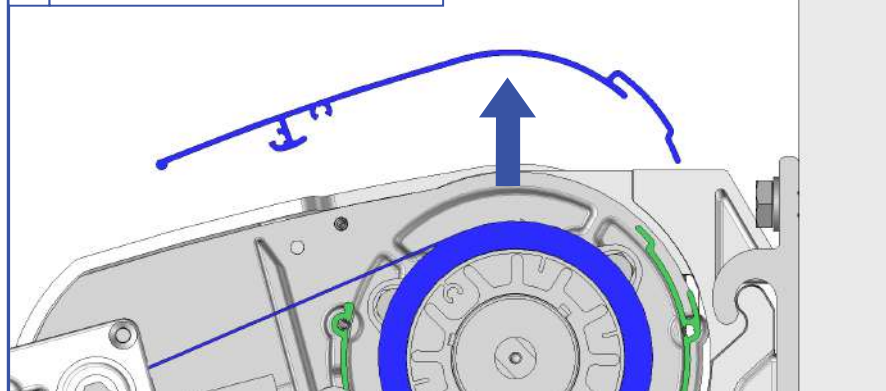
8 Disassemble the finishing caps.



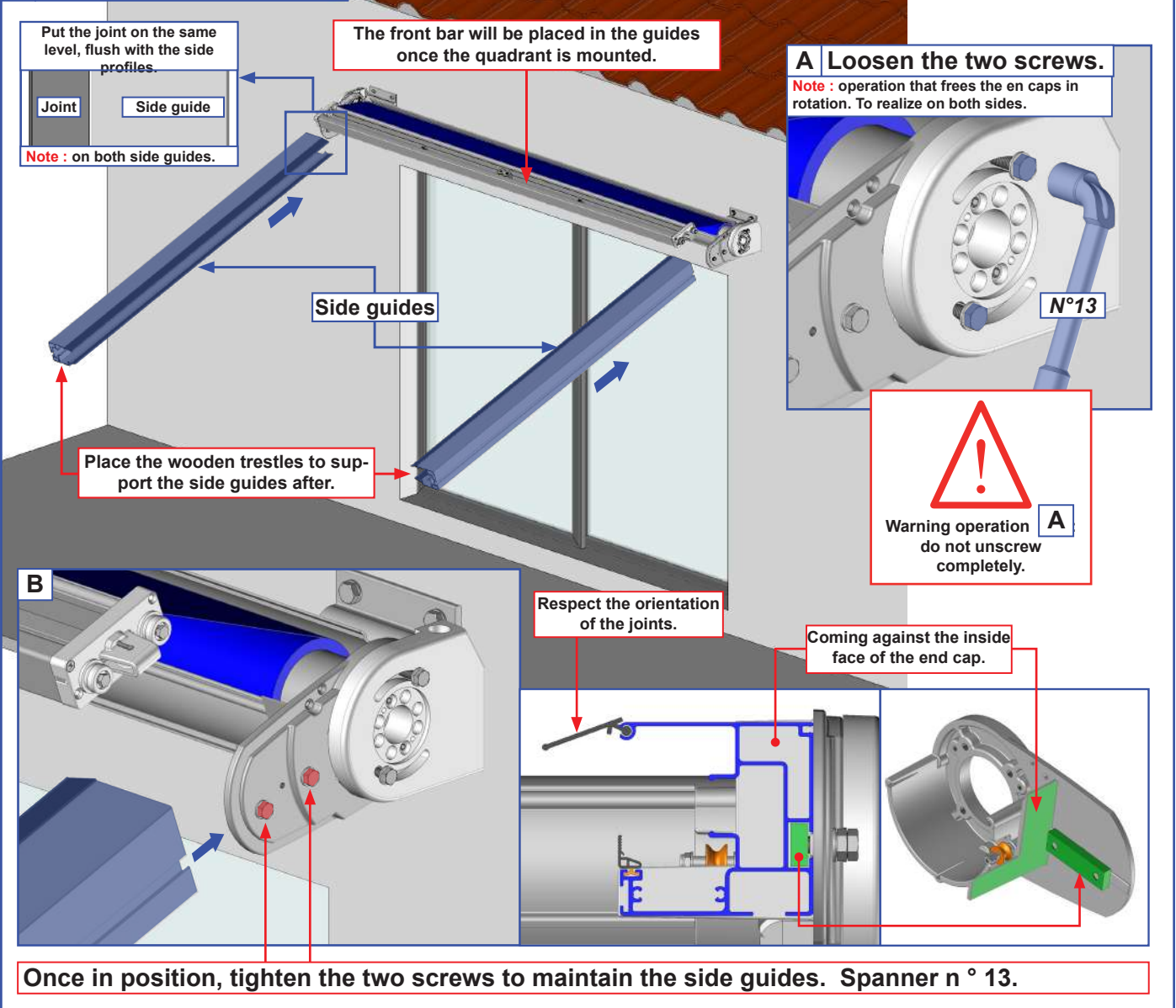
9 Disassemble the cassette cover



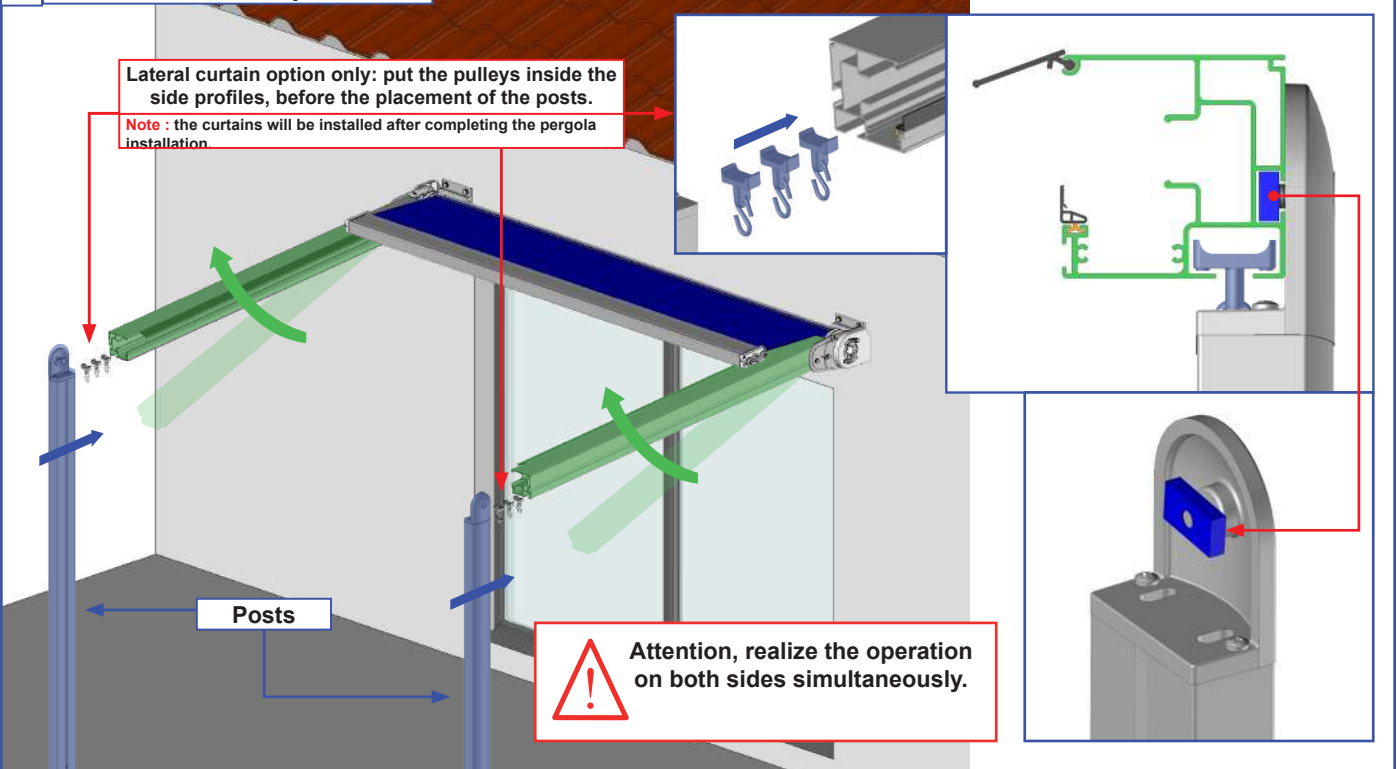
10 Assemble the cassette cover



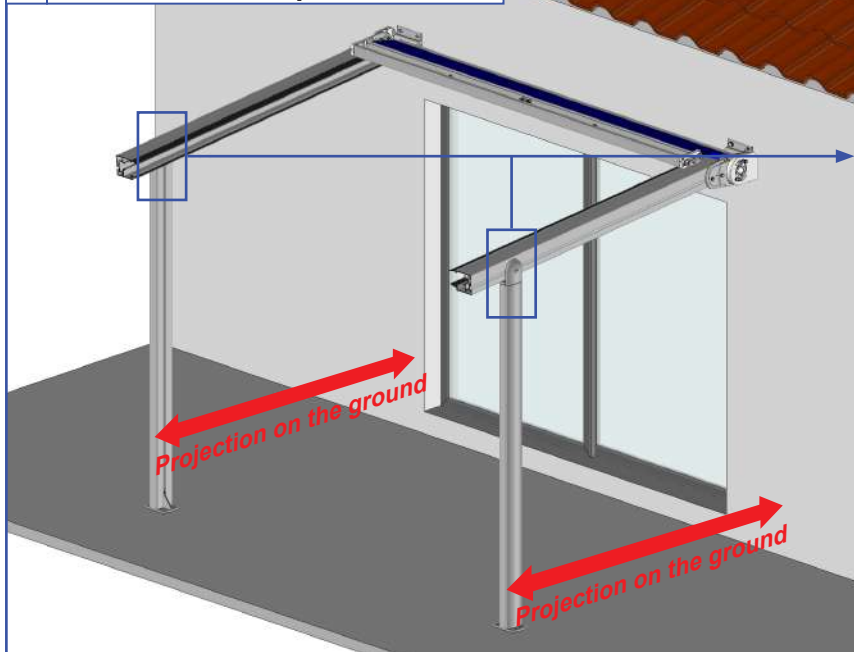
11	Placement of the guides.
----	--------------------------



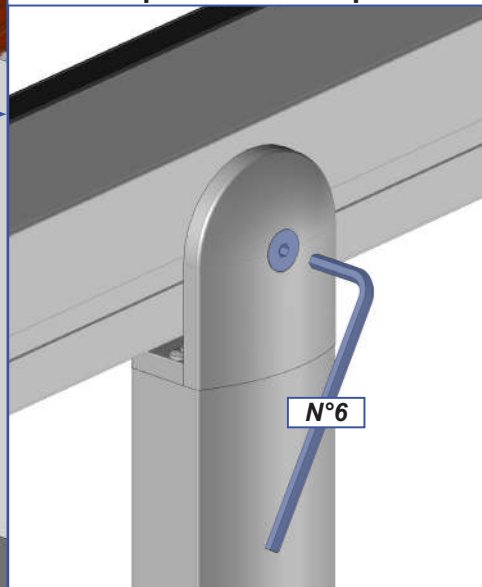
12 Placement of the posts



13 Placement of the posts.



Lock the position of the posts

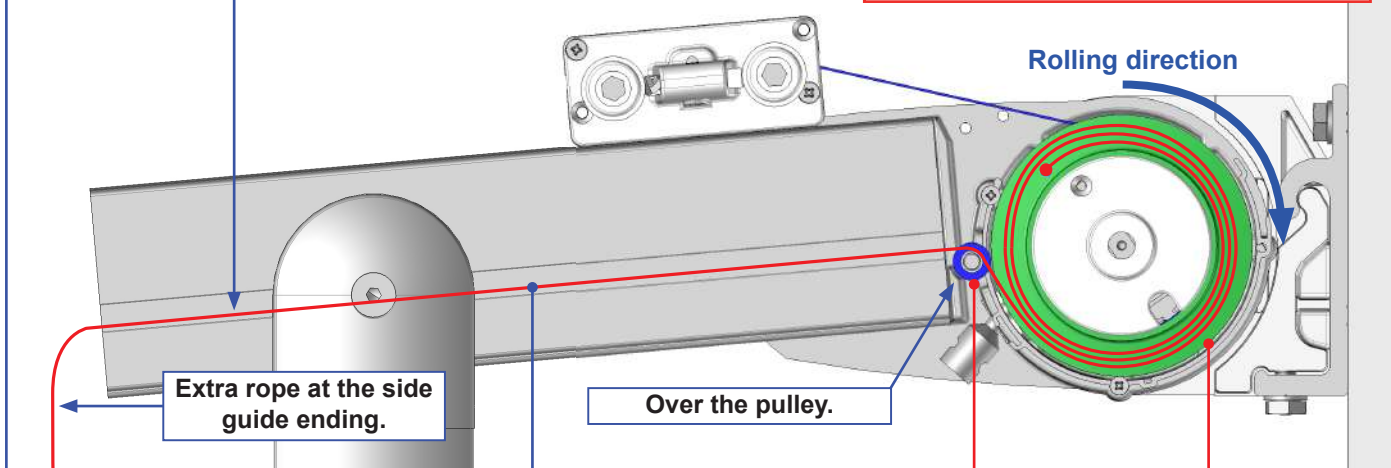


14 Pre-assemble the rope.

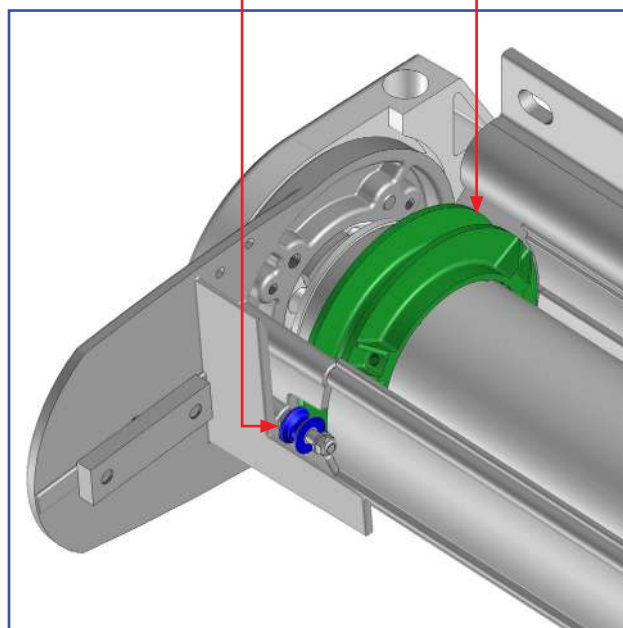
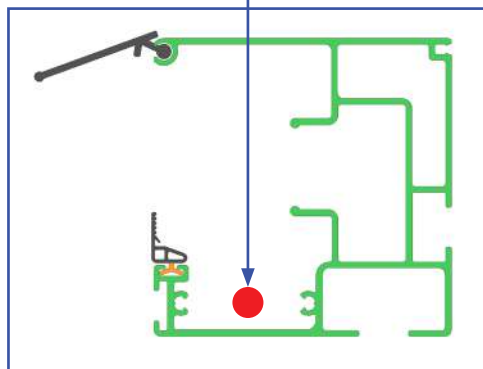
Note : to make in both sides

Rope length = 4 x Total projection

Make 3 turns of rope around the pulley.
Use the hole on the pulley to secure the rope with a knot.

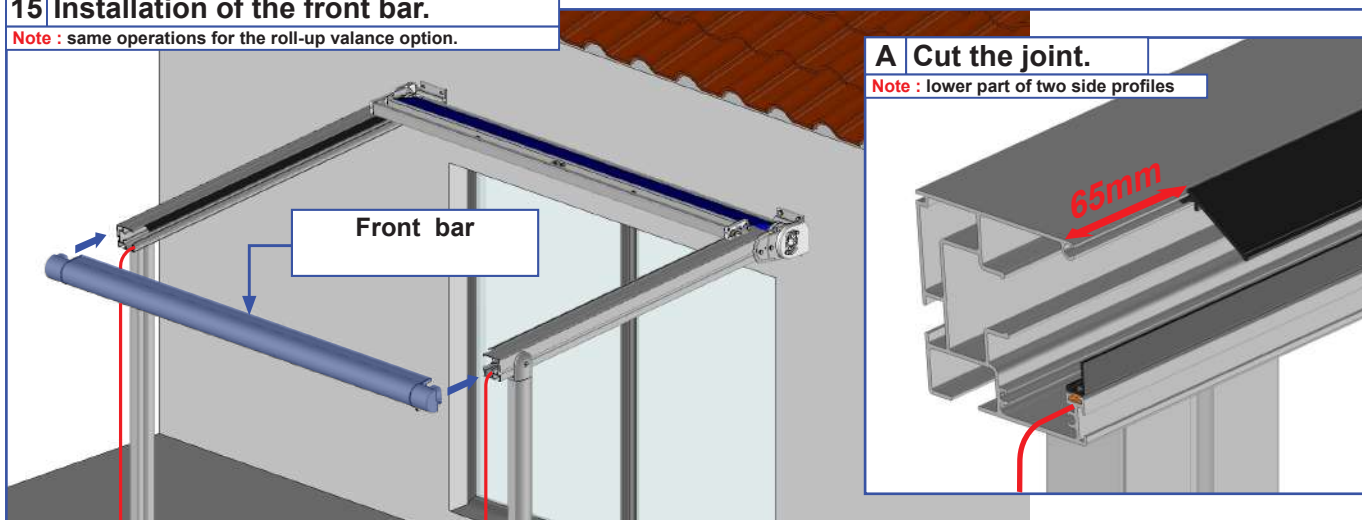


Rope passage through the guides.

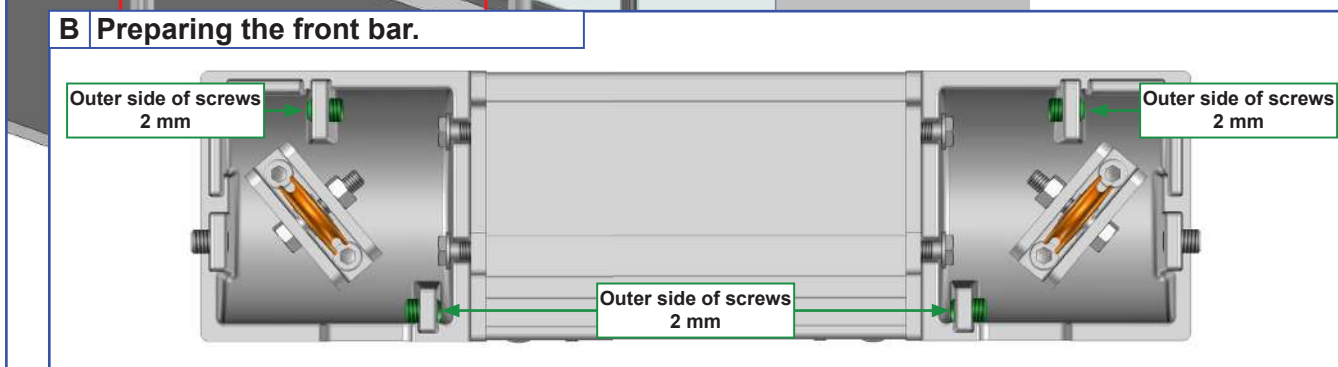


15 Installation of the front bar.

Note : same operations for the roll-up valance option.

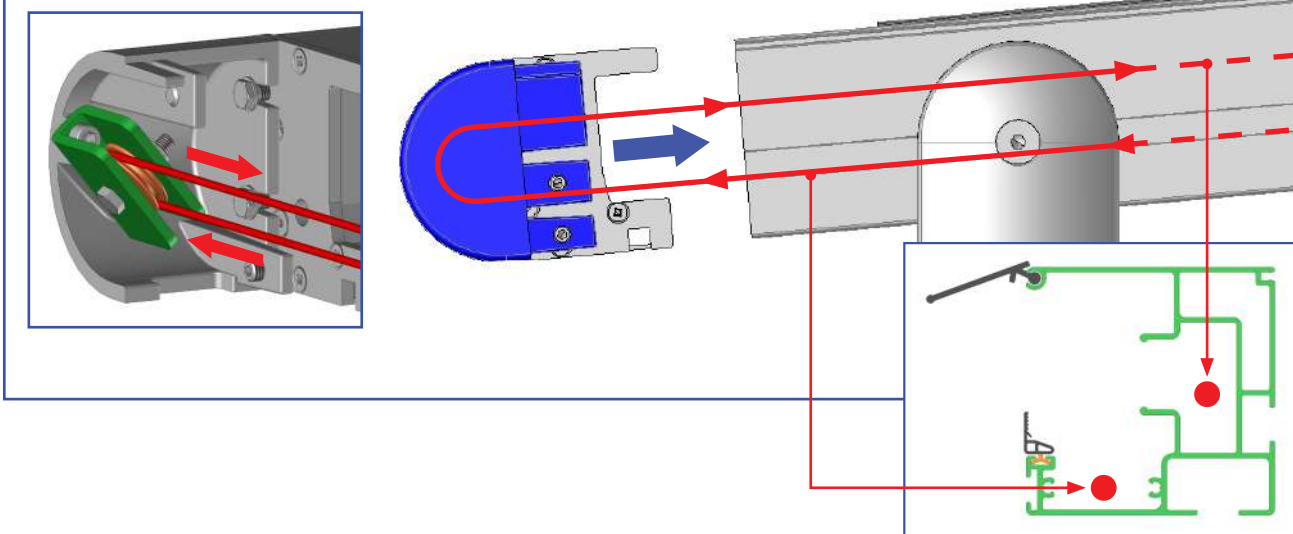


B Preparing the front bar.



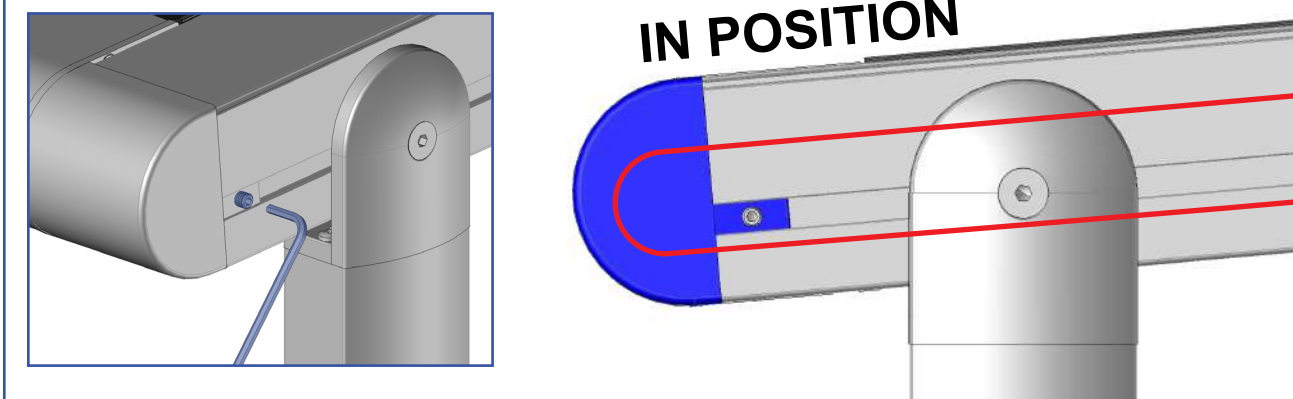
C Guide the rope into the return pulley.

Note : to make in both sides

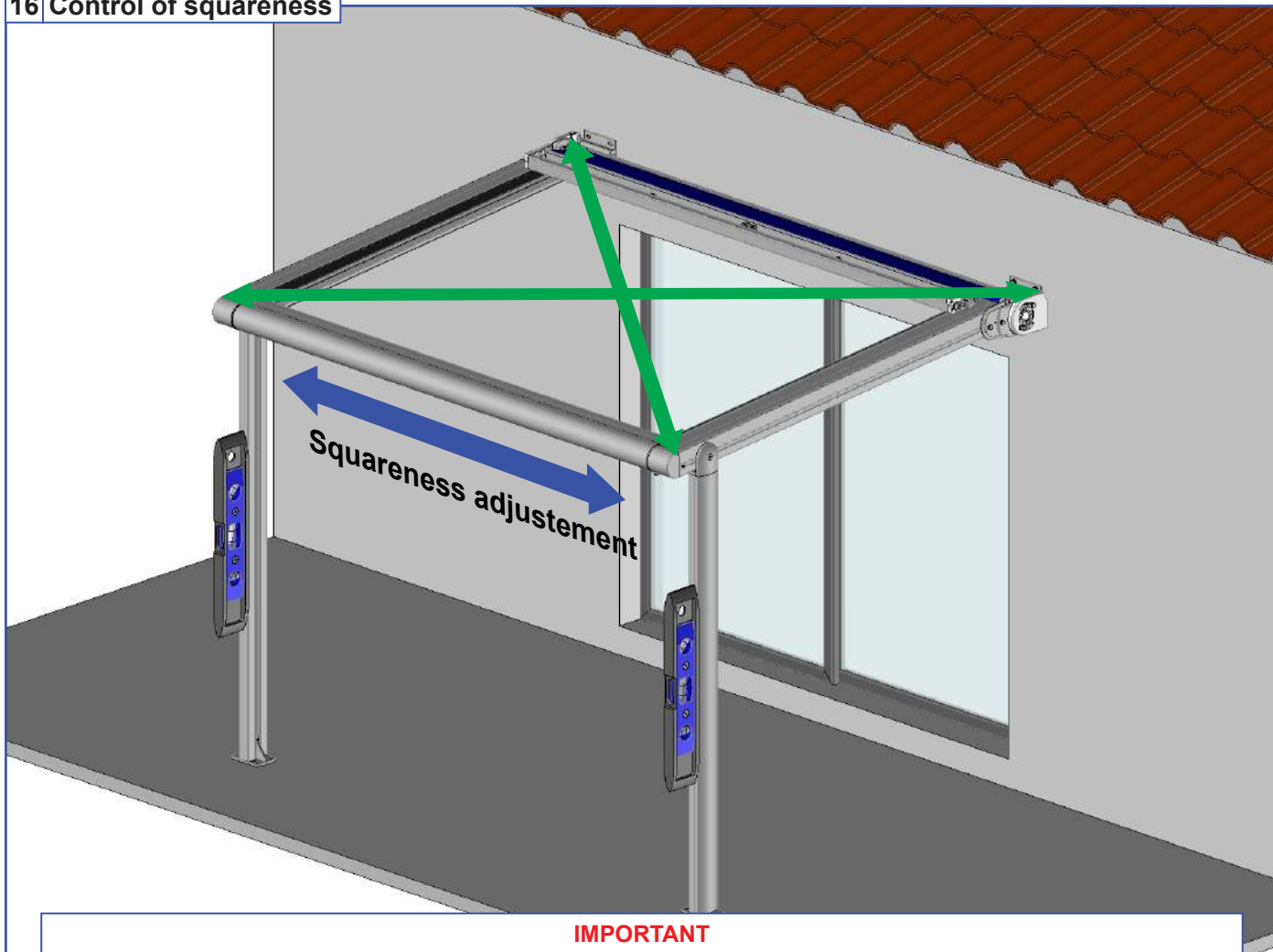


D Lock the front bar.

Note : to make in both sides.



16 Control of squareness



IMPORTANT

Before continuing the assembly of the pergola, make sure that the diagonals are equal (acceptable tolerance 5 mm) for a good operation.

If the diagonals are not equal:

- 1 - Slightly loosen the side guides..
- 2 - Move the front part to correct the diagonals.
- 3 - Tighten the side guides.
- 4 - Check the squareness again.

17 Fixing to the ground.

Fix the plates with 3 screws on the concrete.

Our recommendation: screw for concrete Ø10mm, minimum 120mm long. Drag resistance 500DaN (500Kg)

In the case of an installation with the help of a chemical sealing kit, follow the instructions of the product used.

18 Engine connection:

- **Motorization with switch.** See page 9.
- **Motorization with remote control.** See page 10 and 11.
- **Motorization with LED lighting option.** Consult the instructions delivered with the automatism. Make only the connection and the motor programming.

MOTORIZATION

For all motorisations, the installation must comply with the NFC15-100 standard.



ATTENTION

For your security of any installation and connection operation, make sure that the power is off
(high voltage line)

- Do not throw water in the automatism box.



Warning

-You have acquired an automatism, the connection operations must be made by competent persons for a compliant installation and engaging warranty.

- Turn the power off before any operation of connection or manipulation of the automatism.

- Do not let children play with the controls (remote control).

- Check the system frequently to detect poor balance or signs of wear.

- Do not use the pergola if repair or adjustment is necessary.

SWITCH

Necessary material

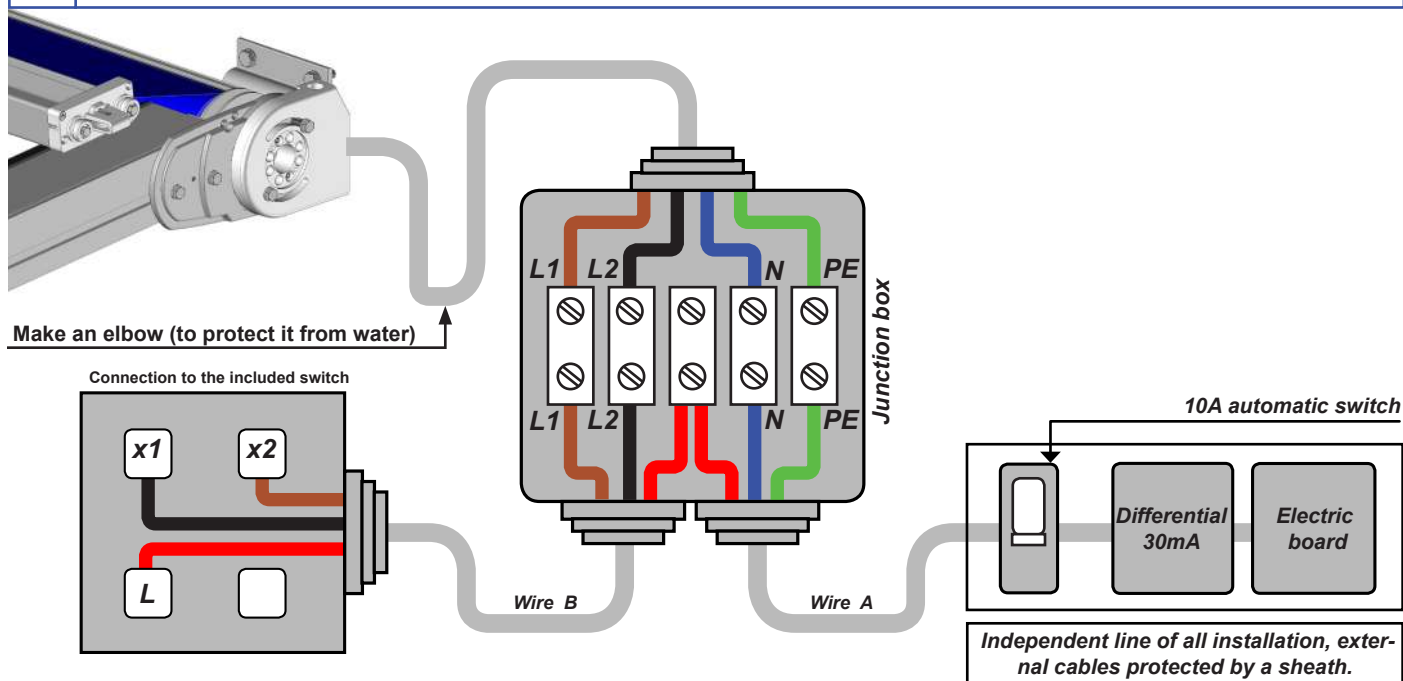
- ▶ Junction box (IP54)
- ▶ Cable (A) 3G 1.5 mm² (blue, red, green / yellow)
- ▶ Bypass
- ▶ Cable (B) 3G 1.5mm² (Black, red, brown)

Material not included

A Connect the wires inside the waterproof fuse box.

B Close the fuse box.

C Reset the power and test.



MOTORIZATION WITH REMOTE CONTROL

Necessary material

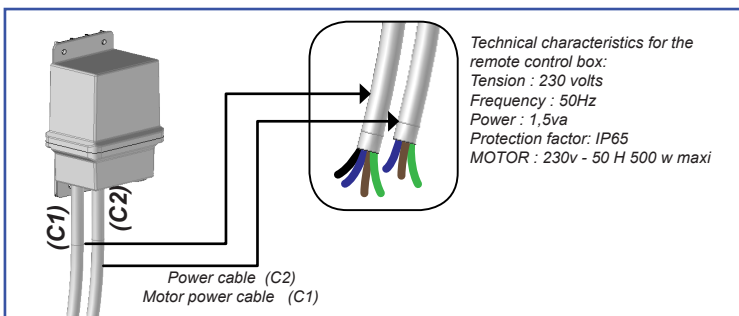
- ▶ 2 junction boxes (IP54)
- ▶ Bypass
- ▶ Cable (A) 3G 1.5mm² (Blue, red, green / yellow)
- ▶ Cable (B) 3G 1.5mm² (black, red, brown)

Material not included

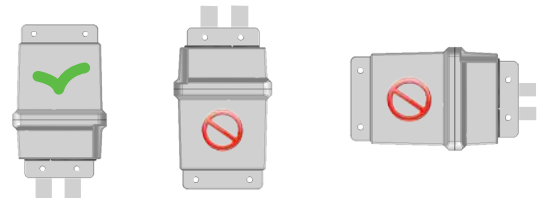
WARNING

Before any installation, in function of the awning placement:

- The place where the automatism will be fixed must allow the automatism to capture the signals in order to guarantee the good operation of the remote control.
- The fixing of the box for the electronic card must be placed vertically and protected from bad weather.



Fixing of the box: 4 vis Ø2.5mm.
 The box must be fixed vertically and protects from bad weather.

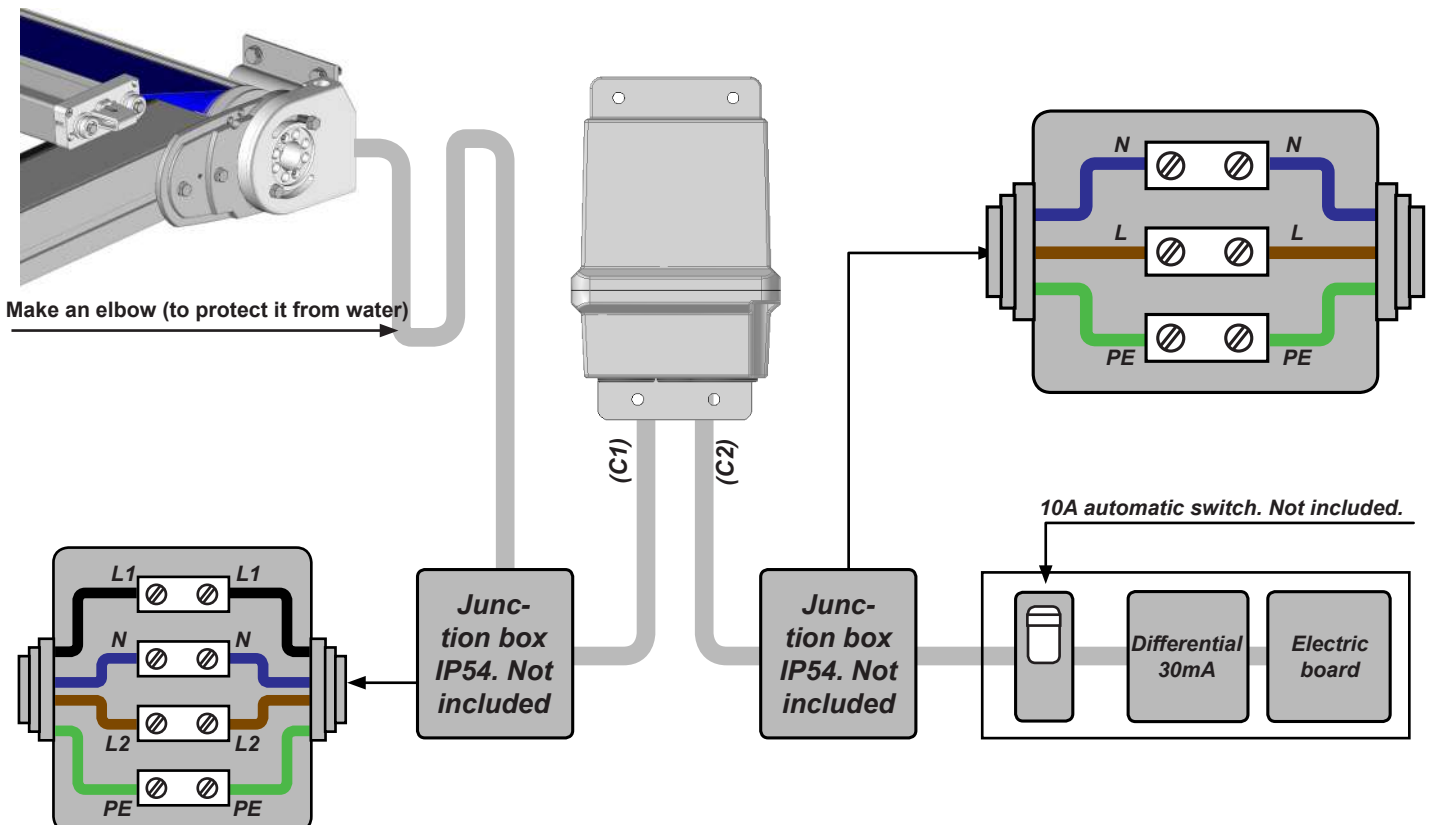


Never open the electronic box (voids the warranty)

A - Connect the wires inside the waterproof junction box.

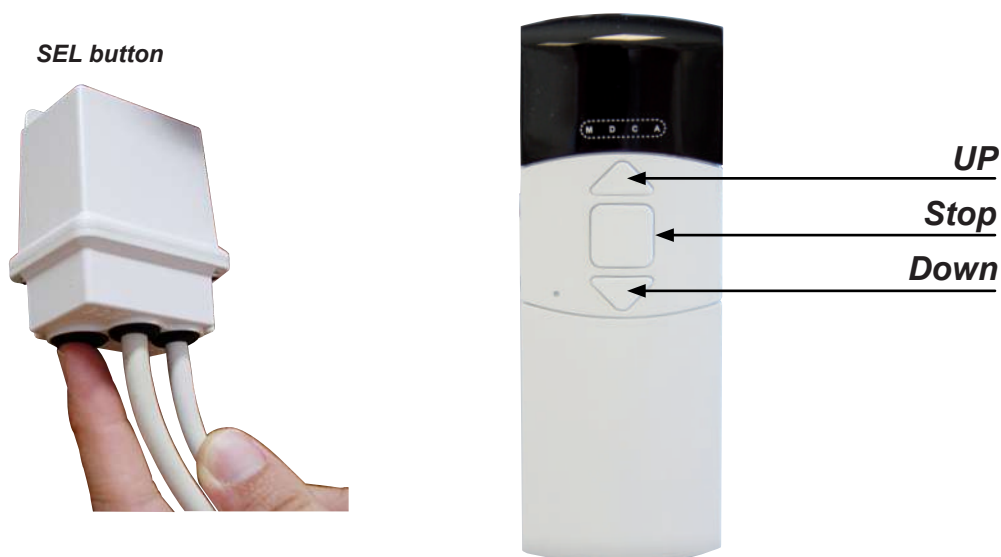
B - Close the junction box.

C - Reset the power and proceed to motor programming.



MOTOR PROGRAMMING WITH REMOTE CONTROL

- A** - Place the included batteries inside the control.
- B** - Power the electronic box up, the box will make 2 consecutive beeps.
- C** - Press the SEL key shortly, the box will make 3 consecutive beeps.
- D** - Keep pressing the «up» button of the remote control until the box emits 1 beep; then release the button, it will emit 4 beeps to confirm that the programming is already in progress.
- E** - Verify that the direction of rotation of the roller tube is the same as that of the control, if not invert the brown wires at the connector level. Attention, turn the power off before reversing the wires.



Thermal protection

The motor stops after 2 consecutive openings and closings because of the thermal protection.

Erasing memory

*It only has to be done in case there are problems with programming.
Press the «SEL» button until you hear a continuous beep.
Release the «SEL» button, you will hear 5 consecutive beeps which will confirm the total memory erasure.
Re-start programming.*

Declaration of conformity

*TELCO declares that the AUTOMOPRO03 product is in accordance with the directives:
99/5/EC - 73/23/EC - 89/336/EC*



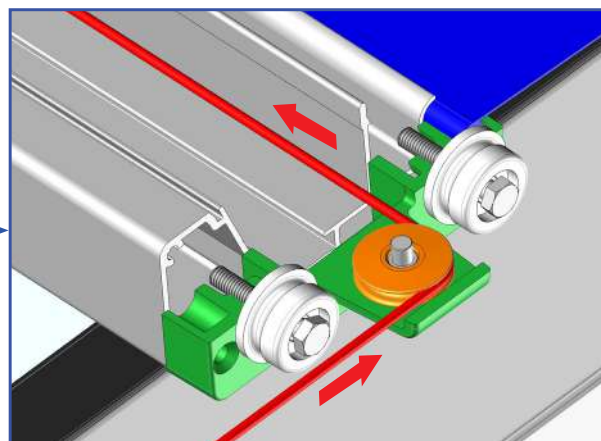
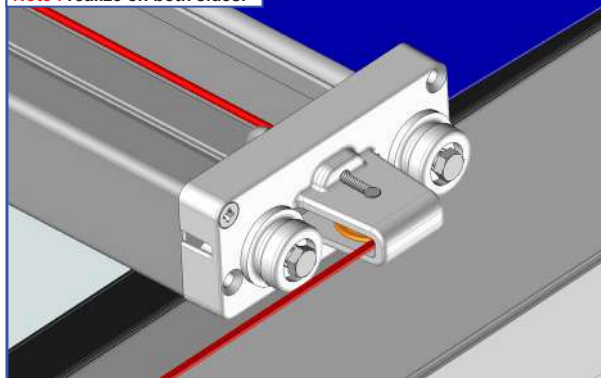
19 Guide the front bar into the side guides.

A Open the fabric until the middle of the projection.

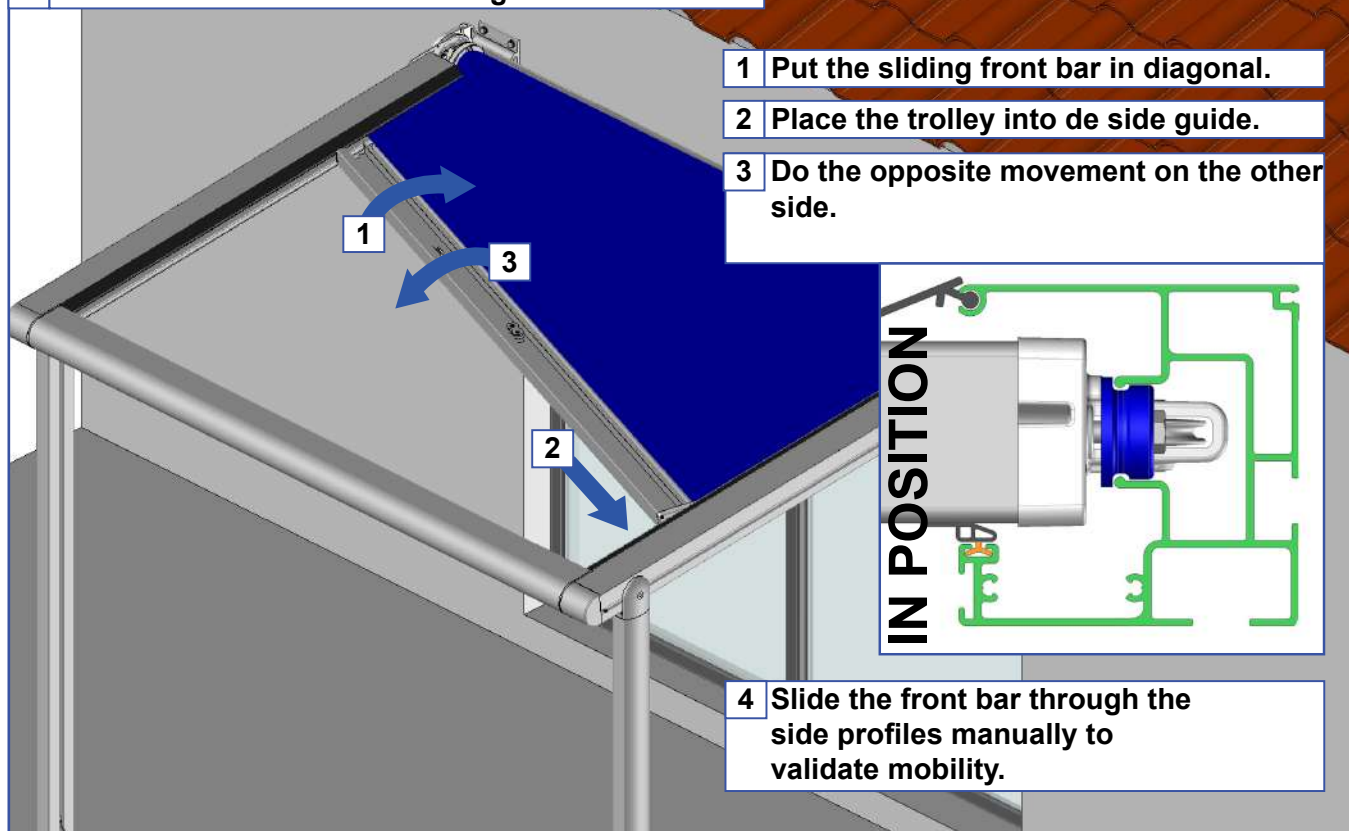


B Guide the rope into the trolley.

Note : realize on both sides.



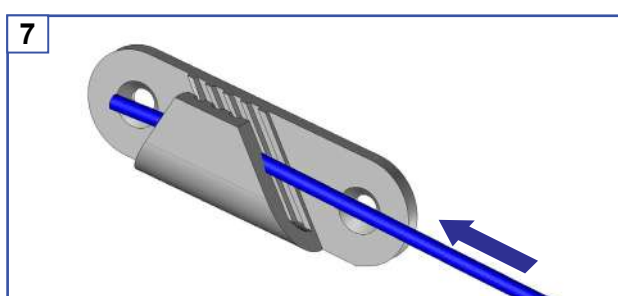
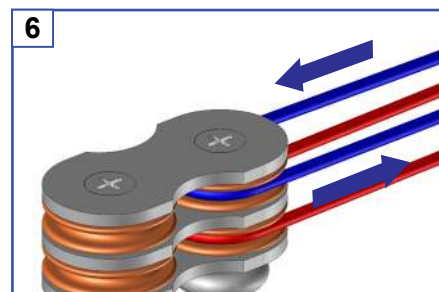
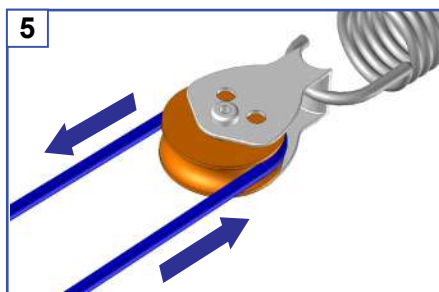
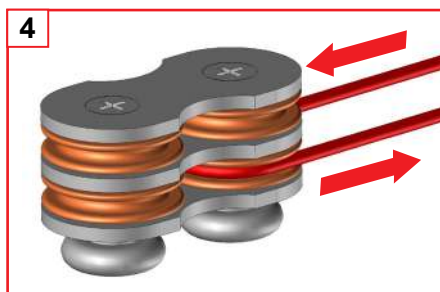
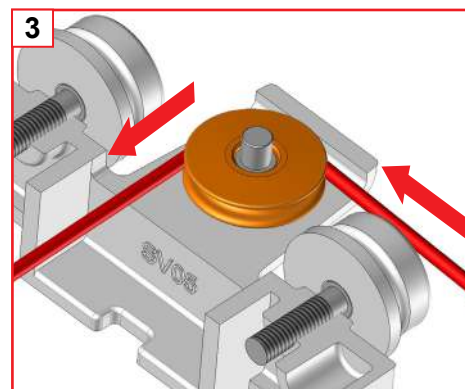
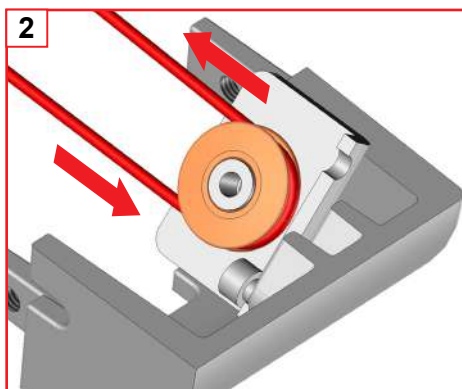
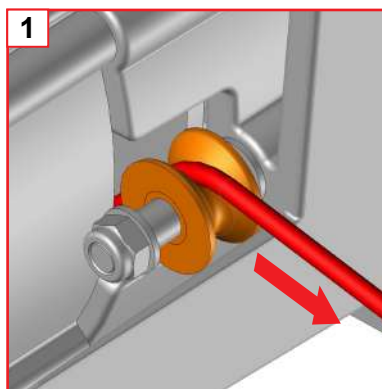
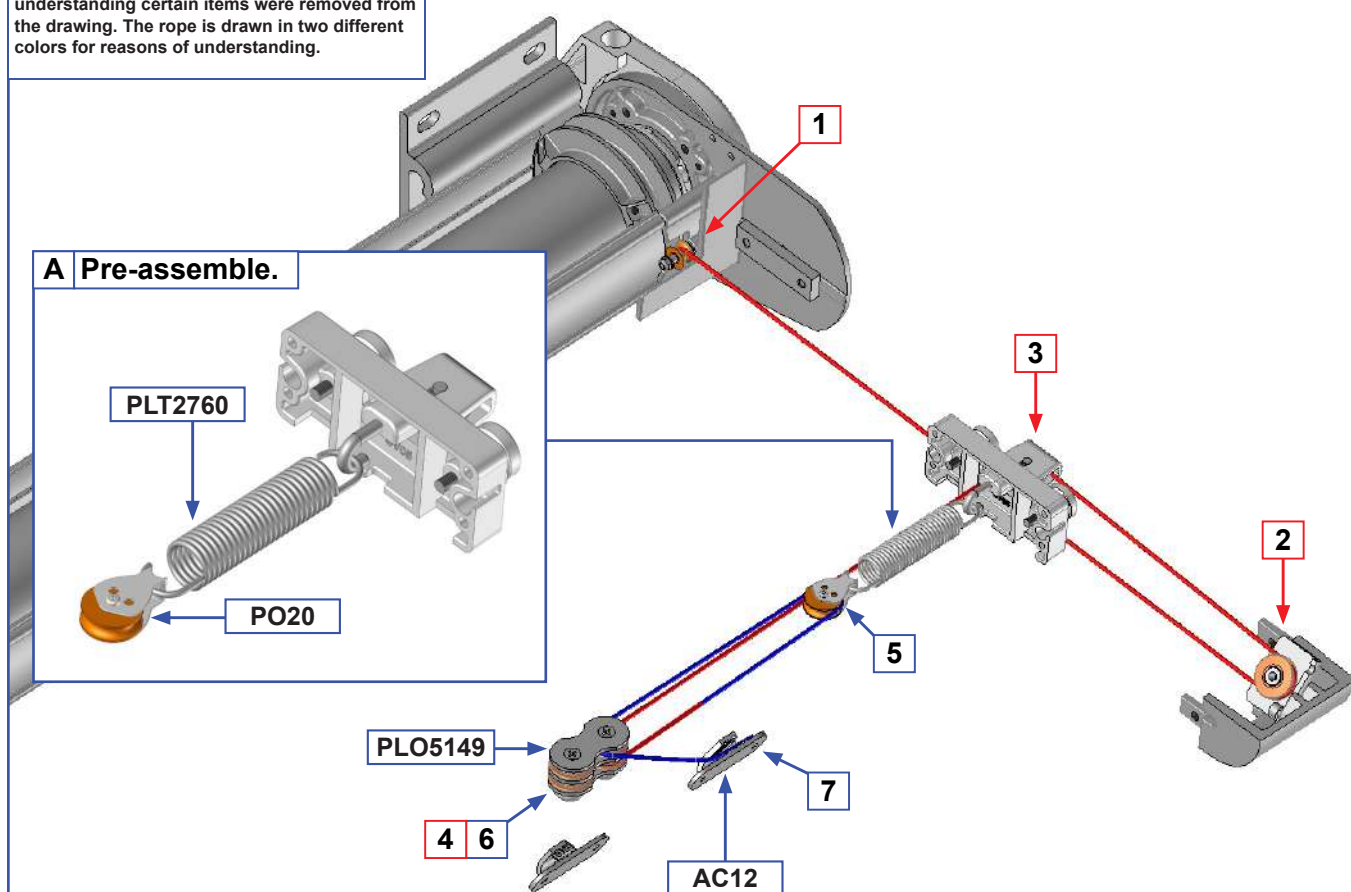
C Guide the front bar on the side guides.



20 Carry out the cable path.

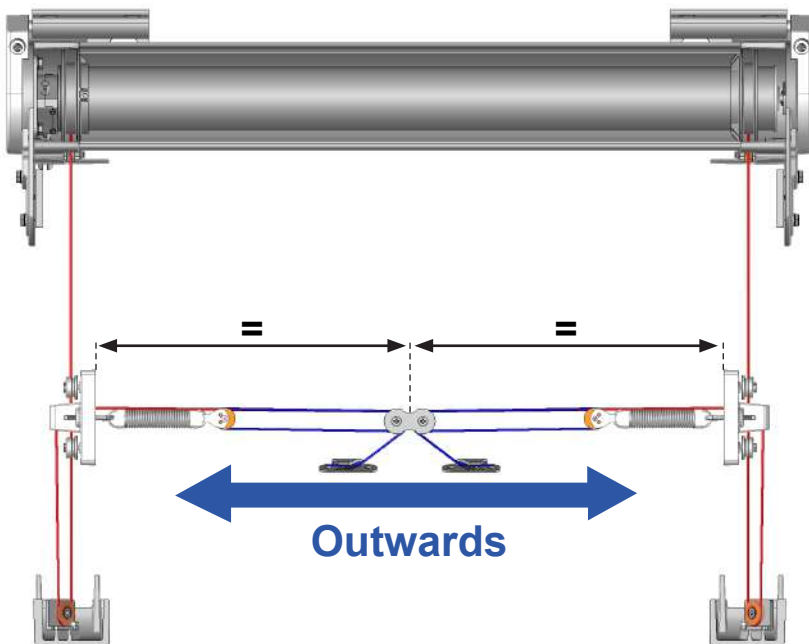
Note : Realize on both sides. For reasons of understanding certain items were removed from the drawing. The rope is drawn in two different colors for reasons of understanding.

A Pre-assemble.



21 Tension of the fabric.

A Realize a first tension



1 - Pull the ropes outward and hook them to their respective rope stop AC12.

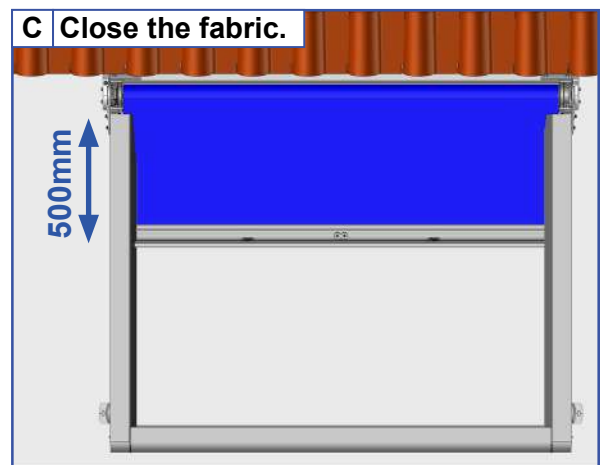
2 - The tension must be identical on both sides. Check that the double pulley PLO5149 is centered with respect to the front bar.

3 - Check the rope path and make sure the rope is correctly guided in the pulleys.

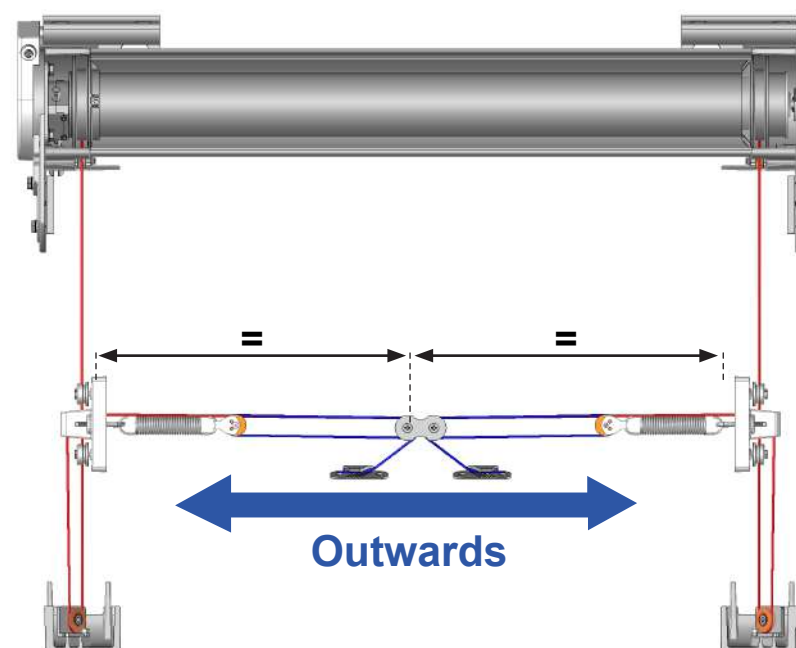
B Open the fabric. Do not wait for the opening limit stop.



C Close the fabric.



D Realize a second tension.



1 - Pull the ropes outward and hook them to their respective rope stop AC12.

2 - The tension must be identical on both sides. Check that the double pulley PLO5149 is centered with respect to the front bar.

3 - Repeat a cycle of opening and closing.

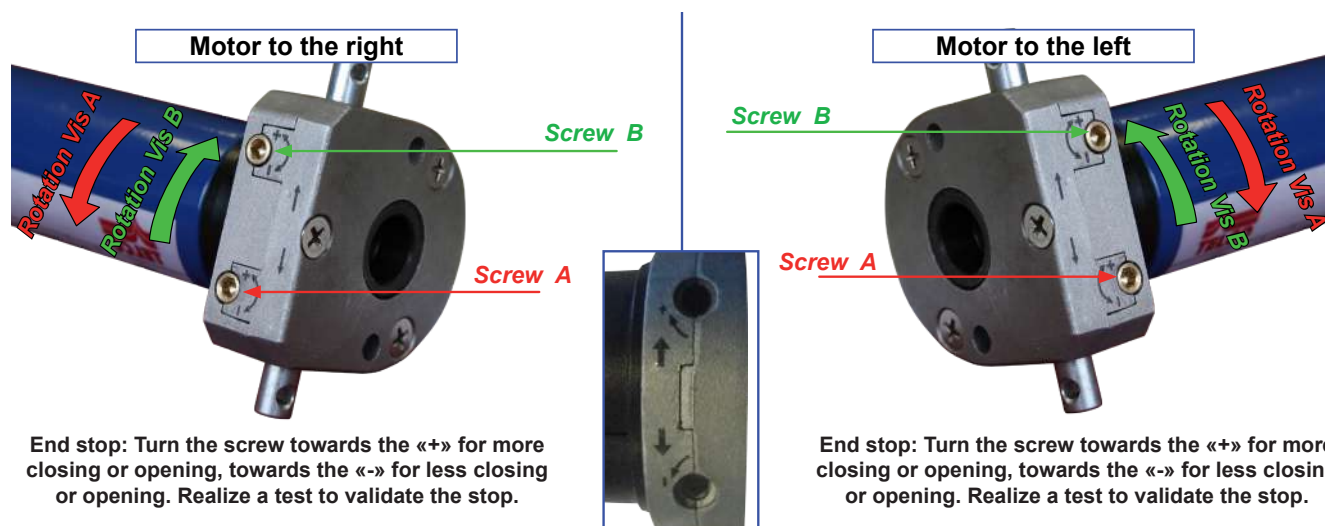
WARNING

do not wait for the opening limit stop

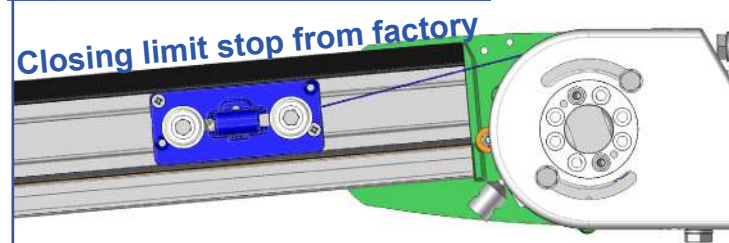
4 - Cut the excess of rope.

22 Adjust the motor limit stops.

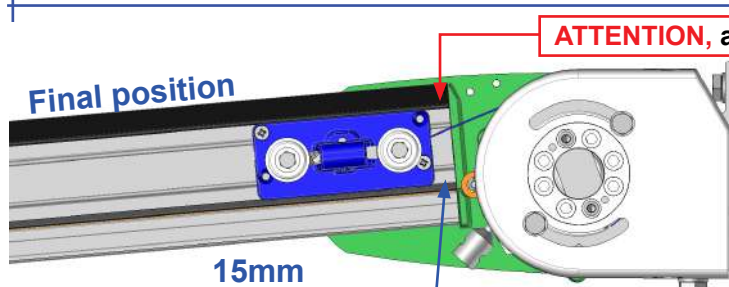
To make the right adjustment, find the location of your motor (right or left) and determine the rolling direction of your fabric. The limit stops will be made when the engine is running. The fabric rolls up or unrolls 2cm each turn of the key.



A Closing limit stop.

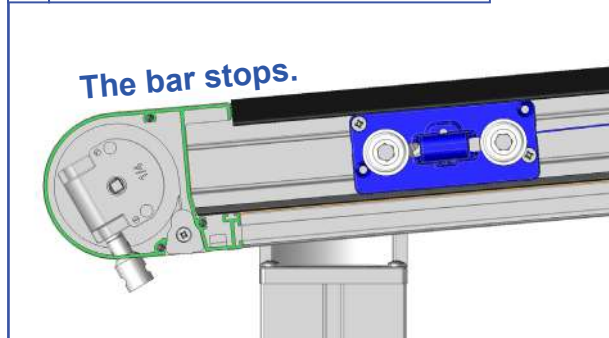


- 1 - Close the fabric until it stops pre factory set closing.



- 2 - Screw the closing limit depending on your configuration for positioning the sliding front bar in the final position.

B Opening limit stop

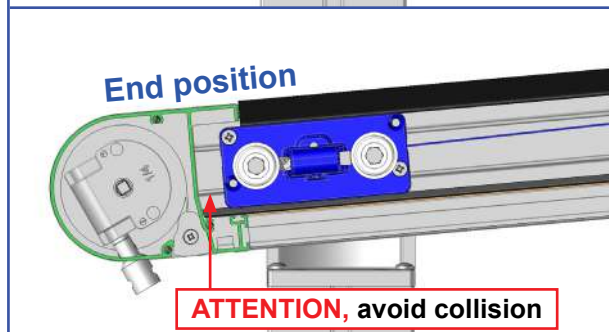


- 1 - Open the fabric. If the sliding front bar does not stop alone, stop it before reaching the front bar.

- 2 - Close the sliding bar of 100mm.

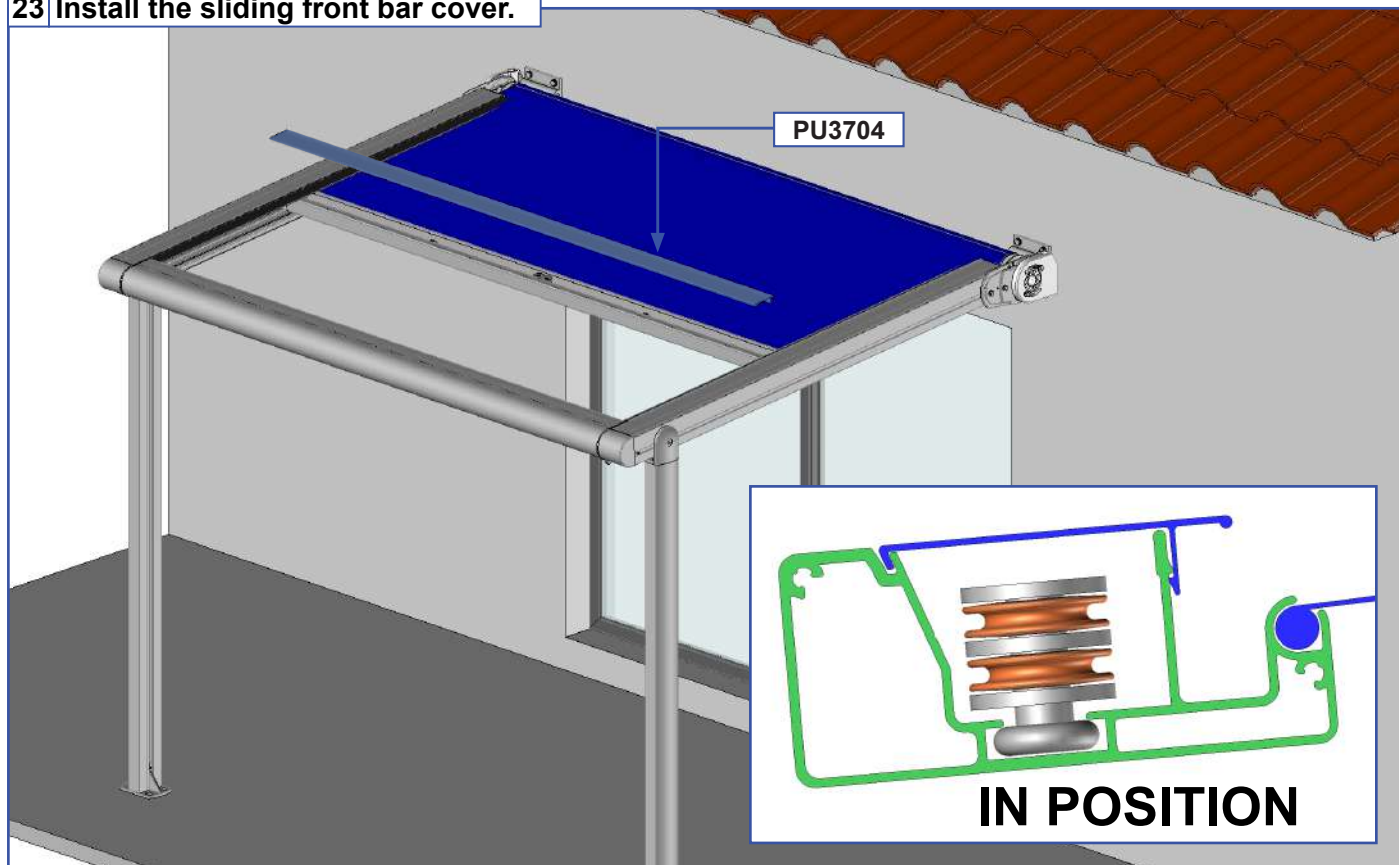
- 3 - Screw the opening limit according to your configuration to reduce the opening limit stop.

- 4 - Open the fabric again. If the sliding bar stops before reaching the charge bar, go to step 5 otherwise stop it and repeat step 2 and 3 until the sliding bar stops.

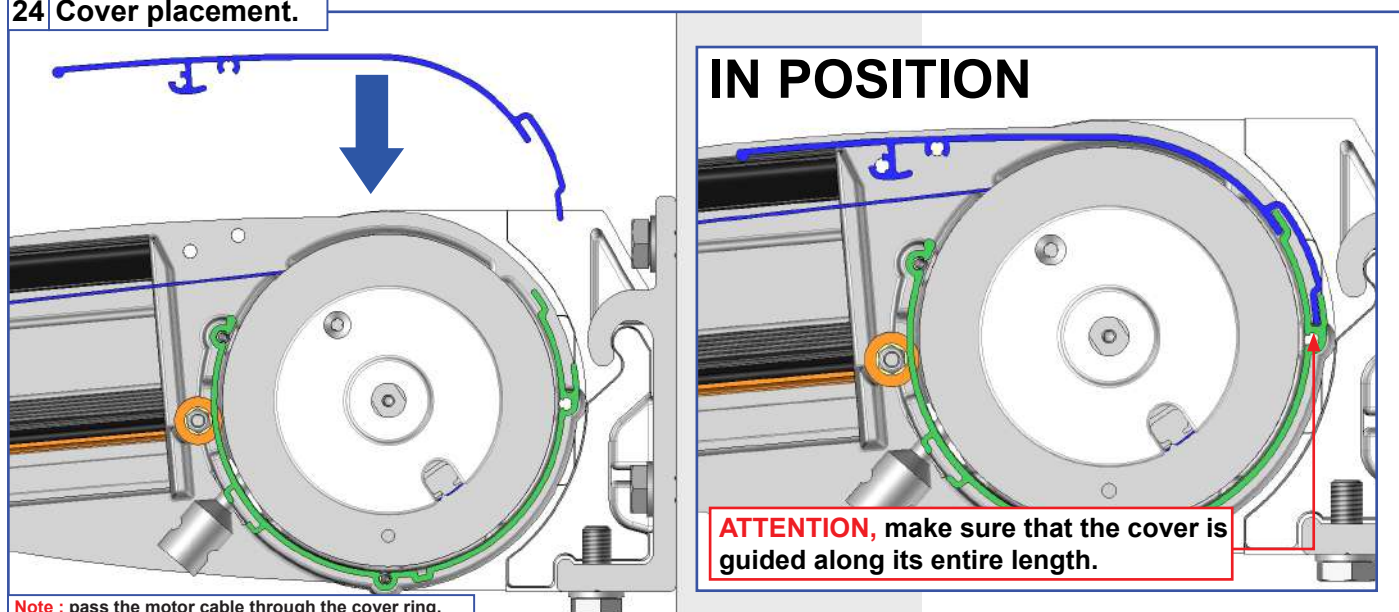


- 5 - Screw the opening limit according to your configuration to adjust the opening of the fabric. In final position the sliding front bar must enter to the fix front bar.

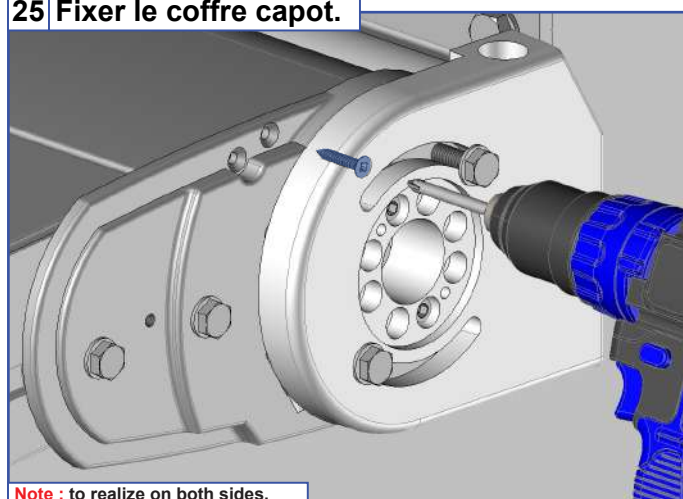
23 Install the sliding front bar cover.



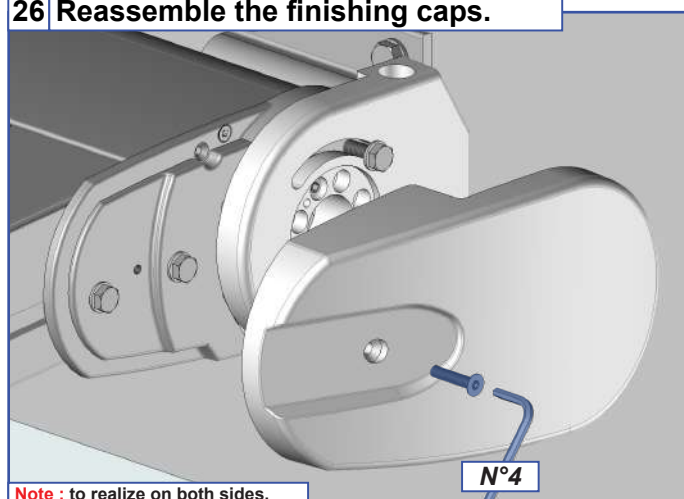
24 Cover placement.



25 Fixer le coffre capot.

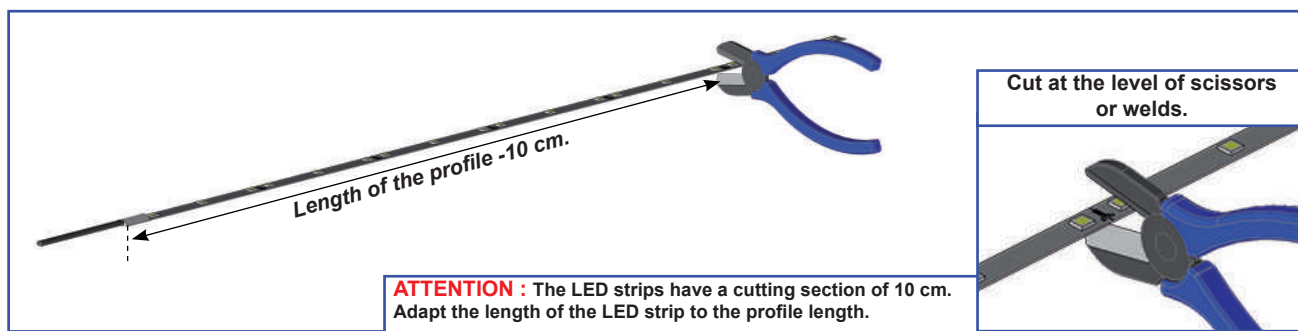


26 Reassemble the finishing caps.

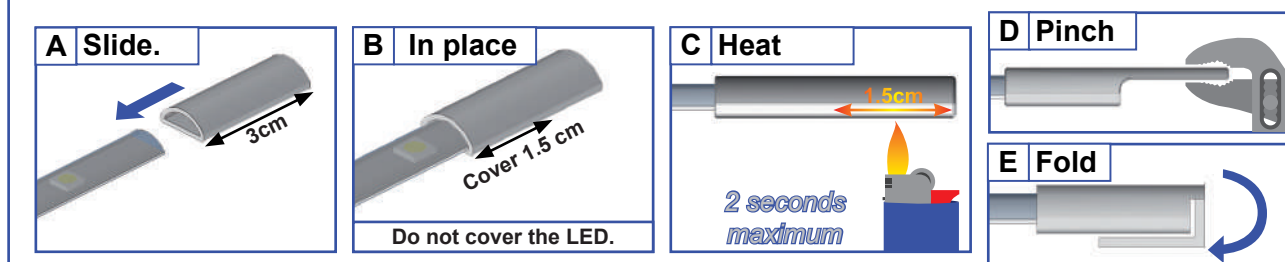


27 Placement of LED strips. Only with LED lighting option.

A Cut of the LED strip.

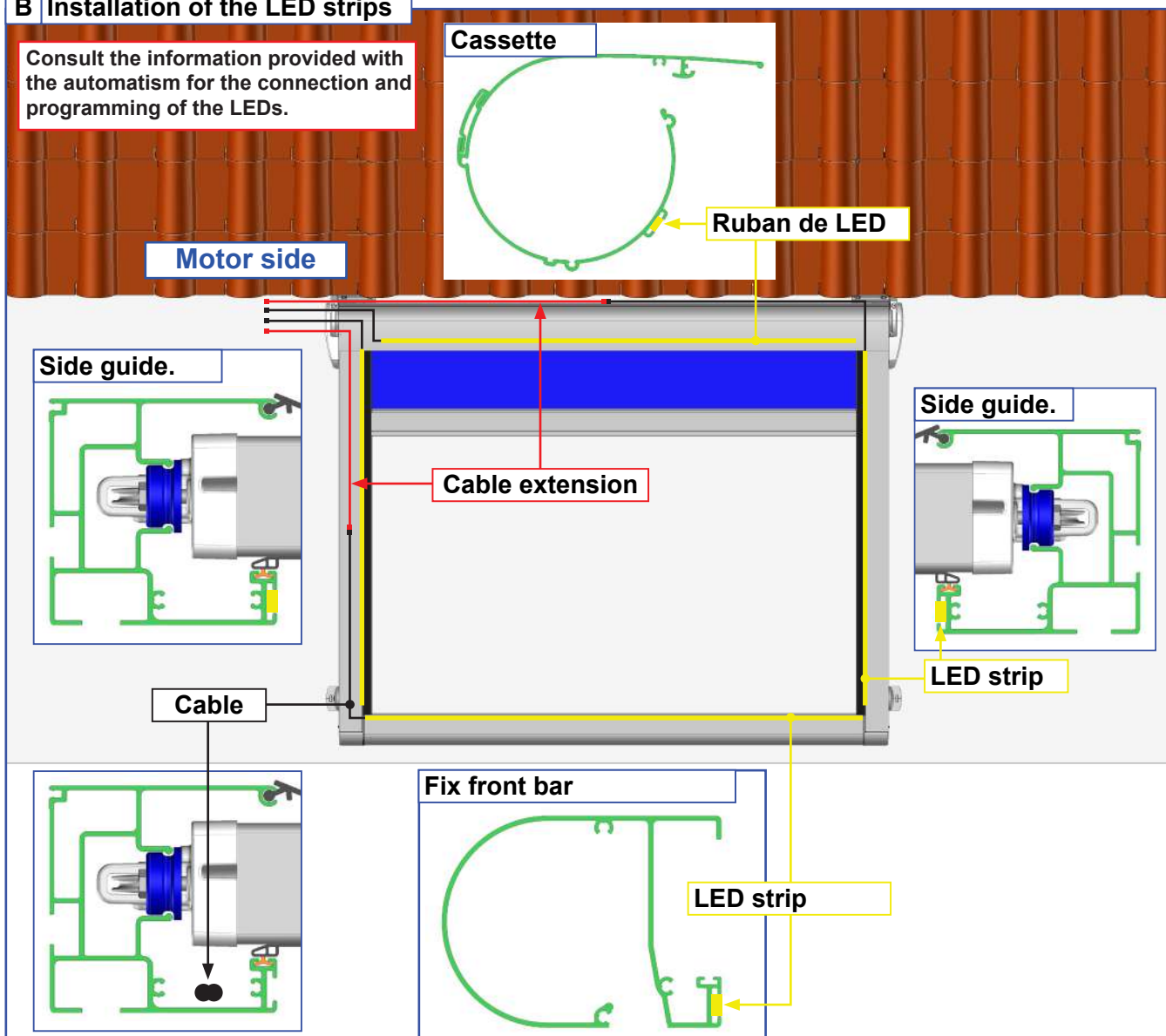


Heat-shrinkable sheath. To be done at the LED strip cut level.



B Installation of the LED strips

Consult the information provided with the automatism for the connection and programming of the LEDs.



28 Only curtains option: put curtains on the hooks.



FAQ

1 - The front bar is crooked at closing: :

- Check that the fabric is well centered comparing with side guides.
- The rope has been dislodged from a pulley. Check the entire rope circuit to hook the rope up again.
- The tension of one side of the rope is higher than the other side. Check that the tension is identical on both sides.
- Bad squareness.

2 - The fabric is loosened:

- Bad system tension. Stop the opening of the fabric at the level of lack of tension and tighten the fabric.

3 - Impossible opening and closing with the functional electric maneuver:

- Rupture of the rope. Check the complete circuit of the rope.

4 - The electric maneuver does not work:

- The motor is into thermal protection after 4 minutes of operation. Wait for the thermal protection to finish (20 minutes)
- Re-program the remote control.
- Make sure the engine is in tension.
- Check the motor connection. Attention, turn the power off while verifying that everything is well connected.

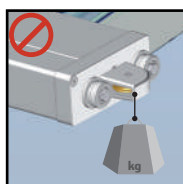
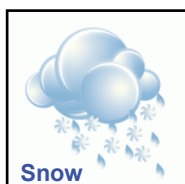
Fabric pergola maintenance advices:

The Fabric pergola, is subject to many constraints: humidity, saline air, weight limitation, wind...

We therefore recommend:

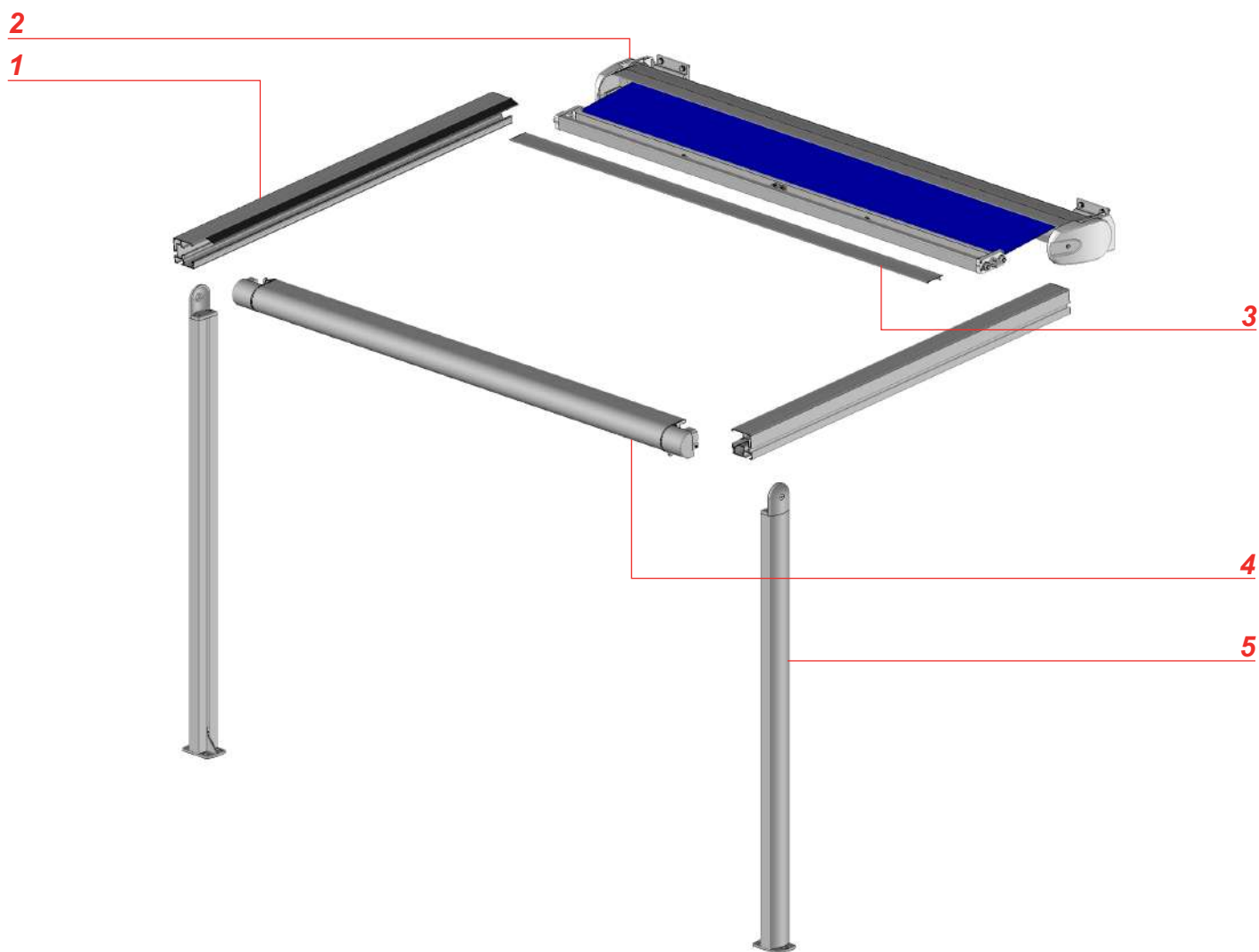
- ▶ **Check** the tightness of the screws and the limit stops after installation, then regularly: at the beginning and end of the season.
- ▶ **Never leave** a wet fabric rolled up. Dry as soon as possible.
- ▶ **Clean** fabric and the frame at the beginning and end of the season. Be careful, do not use detergent.

Do not open the awning in any of these cases:



Do not hang anything

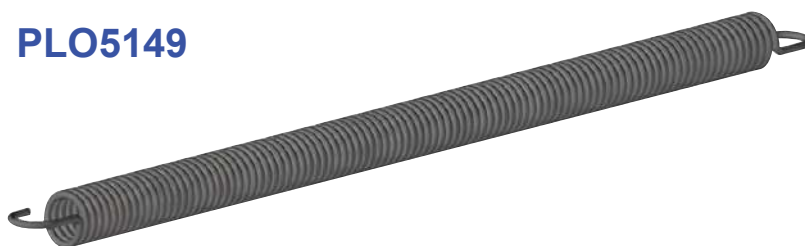
SECTION VIEW



PO20



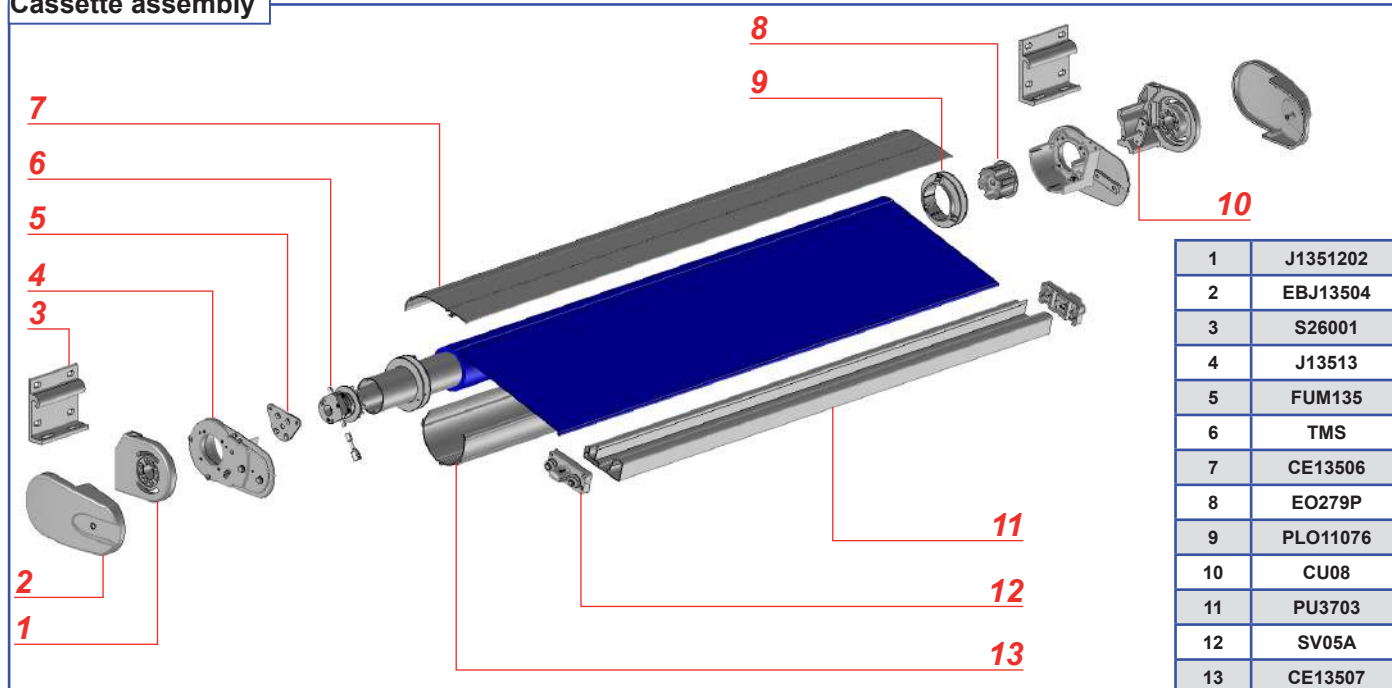
PLO5149



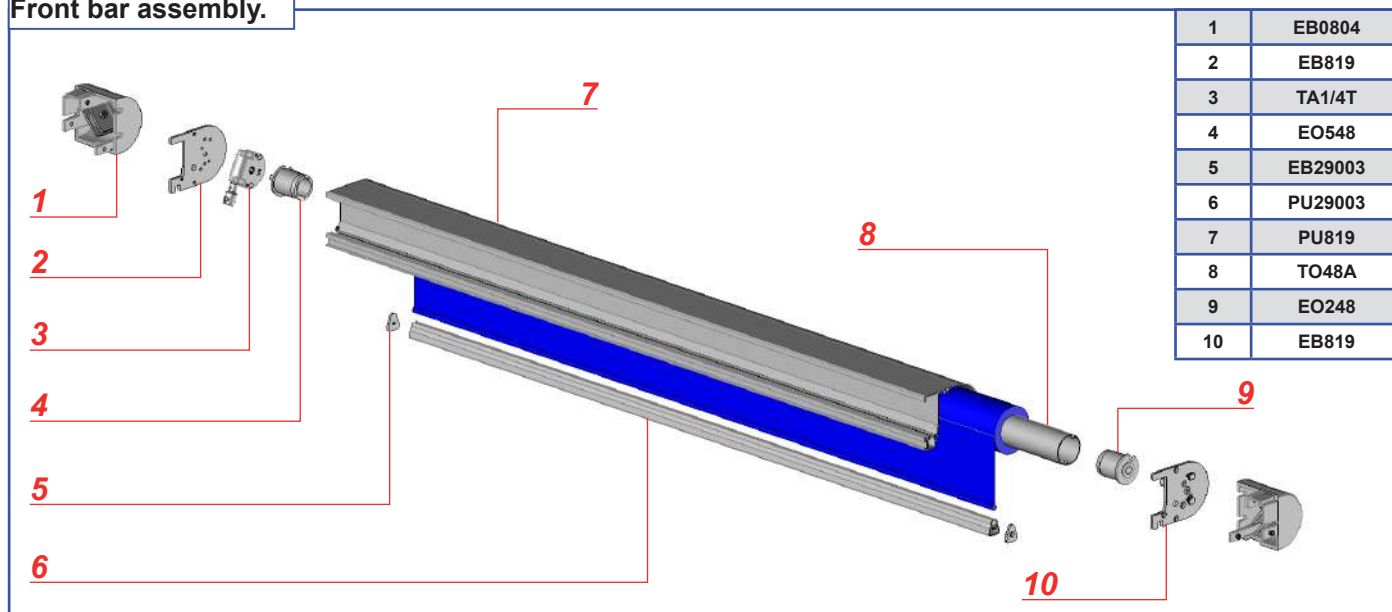
Indication	Reference	Description
1	PU820 + JO41 + JO24B	Side guide
2	See the section view	Cassette Assembly
3	PU3704	Profile cover for sliding front bar
4	See the section view	Front bar
5	See the section view	Posts

SECTION VIEW

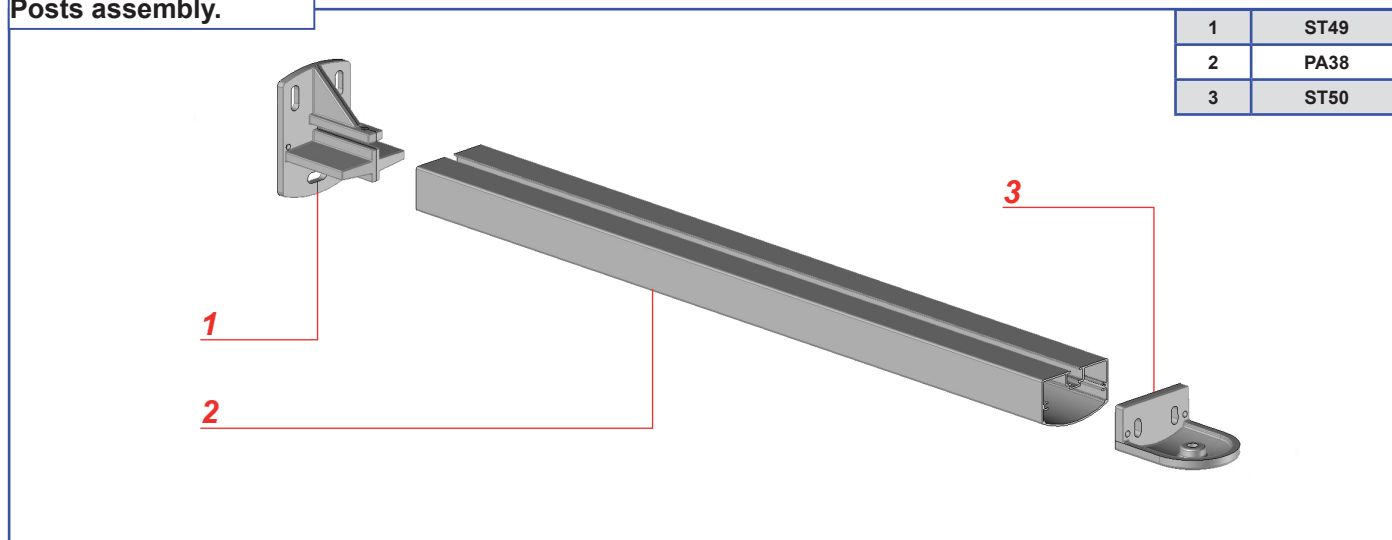
Cassette assembly



Front bar assembly.



Posts assembly.



Commercial Warranty

► Duration

The warranty period (mechanism, surface treatment) is granted for a period of 5 years.
The motor and all the automation, the LED ribbon and accessories are warranted for 2 years.
Beyond the warranty period these parts are charged.

The warranty period begins from the date of purchase of the product
(date mentioned in the proof of purchase-receipt or invoice).

The warranty only applies with proof of purchase.

The use of the warranty does not have the effect of prolonging its duration.



► Warranty application method

The warranty covers all problems encountered in the use of the product for any scheduled event and not excluded by the commercial warranty and within the warranty deadlines.

To be covered by a warranty coverage contract, the product must have been installed in accordance with the manufacturer's recommendations and not have been subject to abnormal use, such as:

- Insufficient or inconsistent maintenance of the attached «cleaning and maintenance» recommendations.
- The use of corrosive or abrasive cleaning products.
- Shock, break or false maneuver.
- Damages due to foreign bodies (sand, filings, etc.)
- Damages due to the non-conforming connection of a power line.

This list is not exhaustive, to obtain the list of incidents «likely to trigger the warranty» and those «excluding the warranty» see the inserts below.

The warranty is limited to the repair or replacement of the defective part or that is responsible for the malfunctioning of the device by an identical part.

The guarantee does not cover, in any case, travel expenses and direct and indirect damages. Likewise, it does not apply to the expenses of removal and installation of the product subject to the warranty claim, except in the context of the application of the warranty of hidden defects.

Incidents likely to trigger the warranty

Defects found	Type of incidents	Comments
General	- Defective pieces	
	- Defective engine	In case the malfunction comes from a manufacturing defect.
	- Faulty automation.....	Remote control, receiver automation, wind sensor, sun sensor.
	- Defect of material	Burrs, lack of material, cracks, deformations.
	- Defect of finish	Lacquer defect, tones.
Expedition of spare parts:		
	- 72 hours after reception in our offices for motors and automatisms.	
	- 72 hours for the dispatch of other spare parts (excluding frame).	
	- The redirections are in charge of MITJAVILA	

Causes of exclusion of the warranty

Defects found	Type of incidents	Comments
General	- Defective components	Due to a non-compliant installation or use.
	- Normal wear of the slats.....	Dirt, deterioration due to different pollution factors.
	- Any kind of shock	Scratches, lack of pieces, tears of the acquisition of a product without its original packaging.
	- Degradations	Linked to any negligence, vandalism, falling objects, burns, impetuous wind, cleaning with a non-conforming product.
	- Modified products	Addition or replacement of parts other than those sold by MITJAVILA
	- Professional use of the awning	
	- Products stored in a humid environment.....	Possible deterioration of the engine.
Settings	- Motor settings, tilt or any other setting..	

Pergola awning 135

