

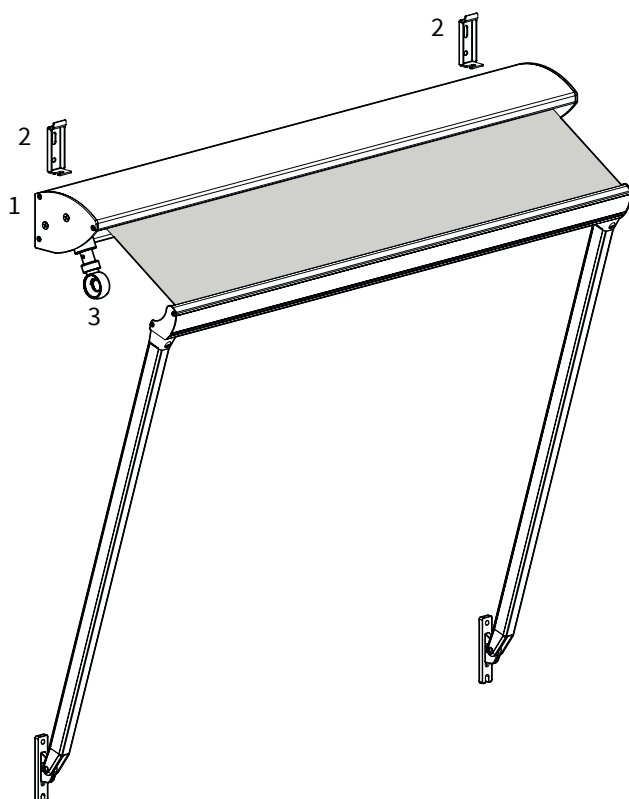


INSTALLATION MANUAL

DROP-ARM AWNING V124 - CALPE

Content

1. Drop-arm awning *
2. Wall supports
3. Control
 - a. Manual control: crank handle
 - b. Electrical control: switch and plug
 - c. Remote control: remote control and plug



* The pictured awning is provided with manual control.

Necessary tools

- Drilling machine
- Support drill
- Crosshead screwdriver
- Socket wrench 10/13/17
- Keyset
- Ratchet with extension, cap 10/17 mm
- Tapeline
- Plumb rule
- Pencil

In case of electrical control:

- Nippers
- Flathead screwdriver

1. Installation of the wall supports

1.1 Marking the holes

The wall supports need to be installed 10 to 15 centimeter from the ends (figure 1.1).

Optional remaining wall supports need to be divided equally between the two outer wall supports.

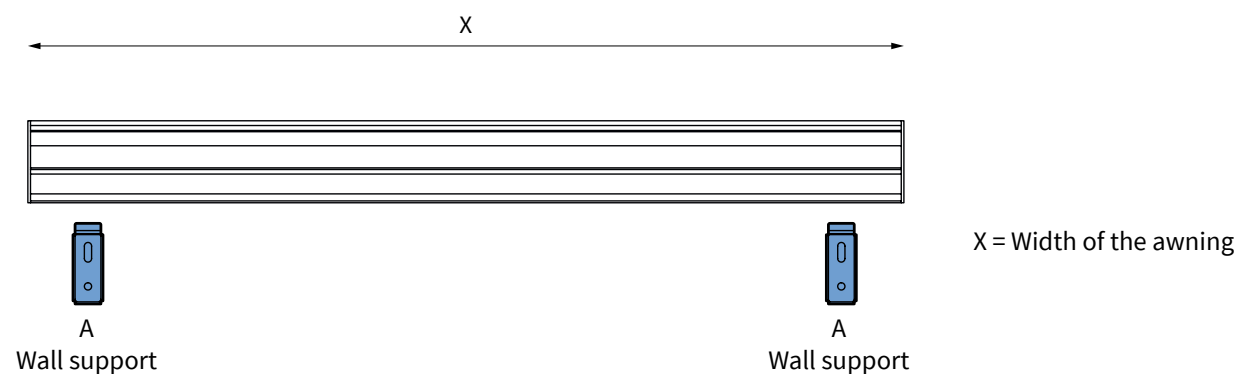


Figure 1.1 Marking the wall supports

Mark the holes for the wall supports (A). These holes need to be aligned level, horizontal and vertical. See figure 1.2.

Make sure that there are at least two holes in the middle of a stone.

View figure 1.3. If necessary, use an alignment string.

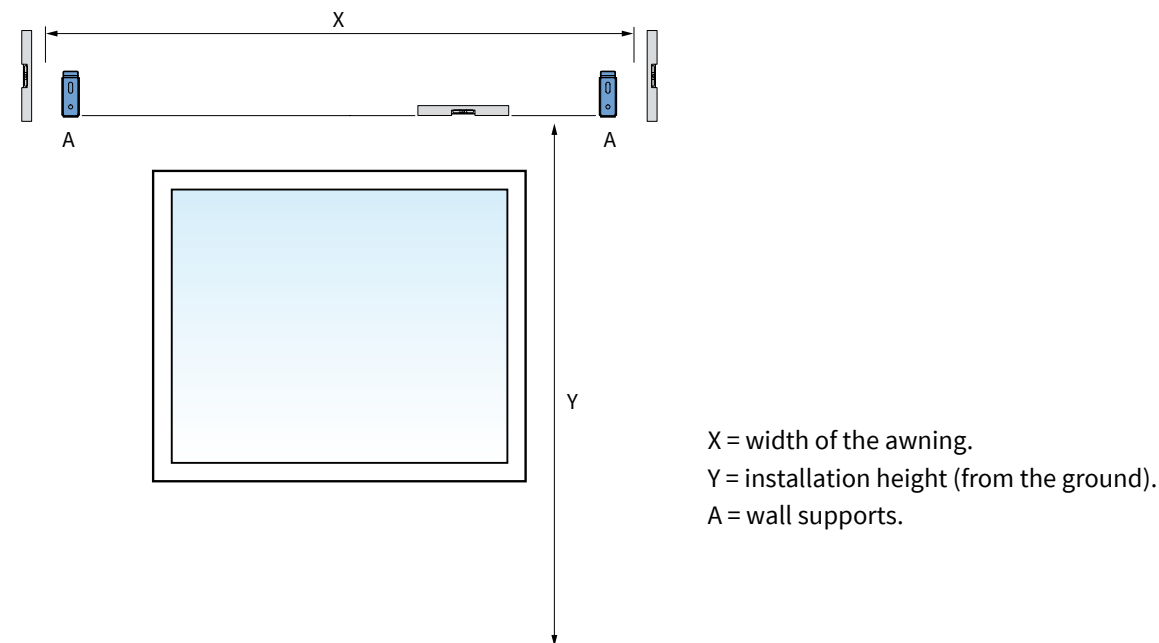


Figure 1.2 Installation of the wall supports.

1.2 Drilling the holes

Drill the installation holes. Use matching plugs and bolts of high quality. Install the wall supports (A) and tighten the bolts. See figure 1.3.

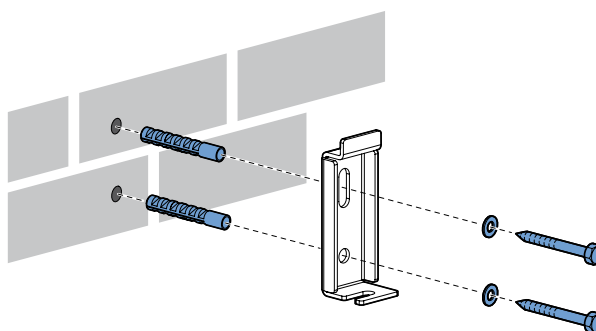


Figure 1.3 Installation of the wall support.

1.3 Drilling the hole for control

1. Precisely mark the hole where the cable of the control comes in.

- Cable: the hole needs to be marked at exactly the same height as the place where the cable leaves the box.
- Tape: the hole needs to be at least 50 millimeter below the box, exactly beneath the place where the tape leaves the box.

2. Drill the hole for the wall throughput.

Always check the wall for piping or other obstacles! Use a board on the inside of the house to prevent damage to the stuccowork.

- Wall throughput for tape: 20 millimeter (drill 10 millimeter, than 20 millimeter).
- Wall throughput for cable: 10 millimeter.

1.4 Additional wall support (weak wall)

When there are fewer than five rows of stones above the installation location, an additional wall support needs to be used. This additional wall support divides the forces over a bigger wall surface, the wall can then bear more weight. See figure 1.4.

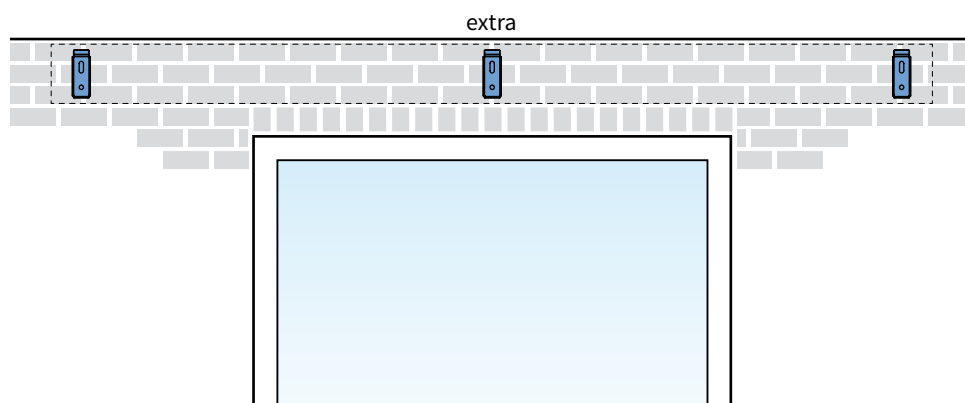


Figure 1.4. Applying additional wall supports.

2. Installation of the awning

2.1 Placing the awning (manual control outside)

Hang the awning in the wall supports. See figure 2.1 and 2.2. Proceed with step 2.3 “Securing the awning”.

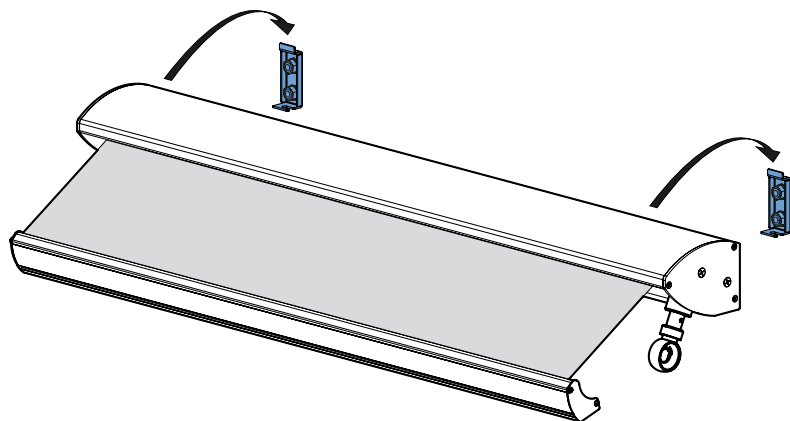


Figure 2.1 Hanging the awning (control outside).

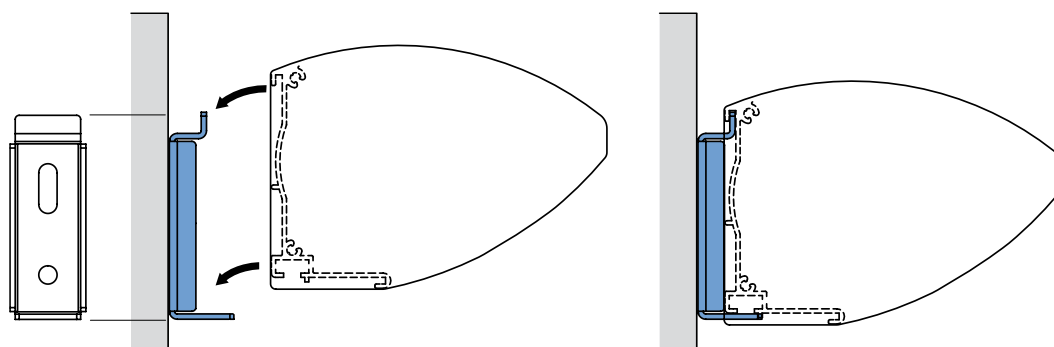


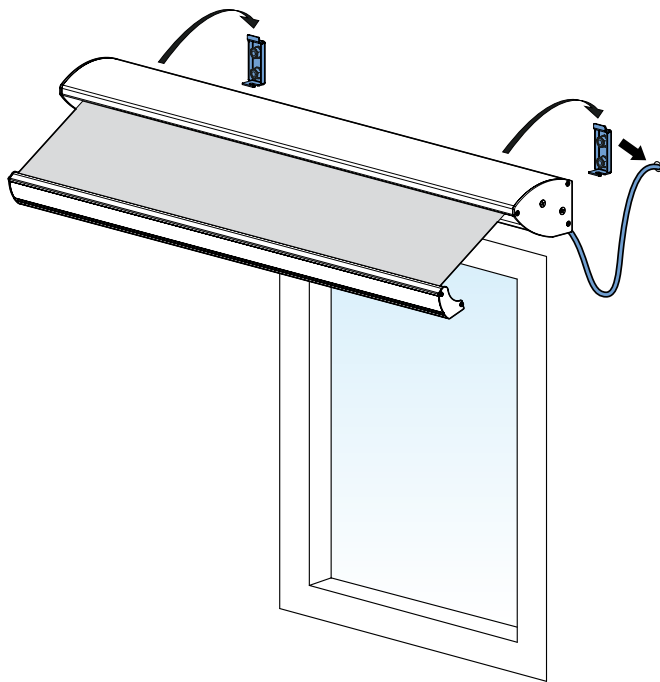
Figure 2.2 Detail wall support.

2.2 Placing the awning (control inside)

1. Hang the awning in the wall supports. See figure 2.3 for electrical control or 2.4 for tape control.

2. Cable: slide the electrical cable inside through the drilled throughput.

Tape: install the tape guide with the opening over the throughput and the pulley on top. Slide the tape inside through the tape guide and the drilled throughput.



Cable

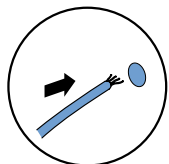
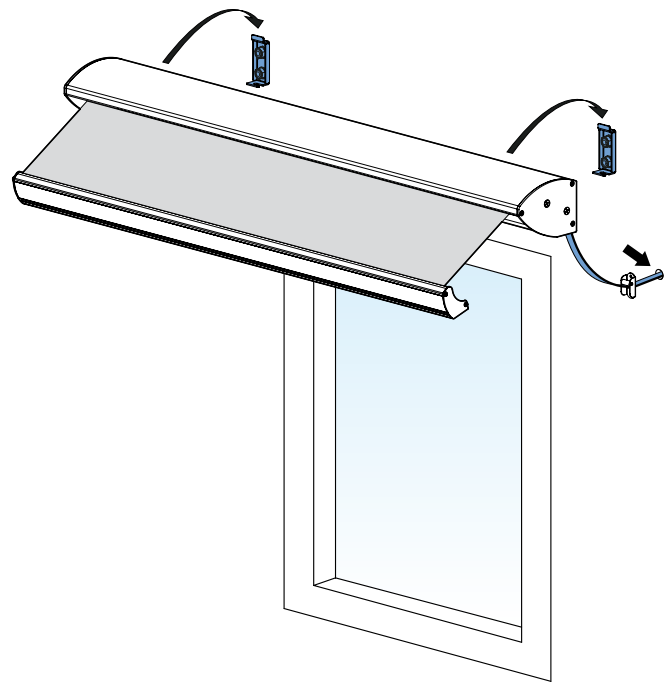


Figure 2.3 Hanging the awning (electrical control)



Tape

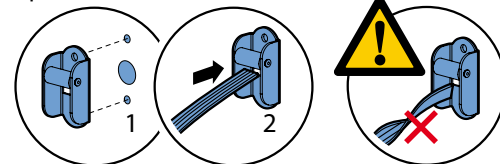


Figure 2.4 Hanging the awning (tape control inside)

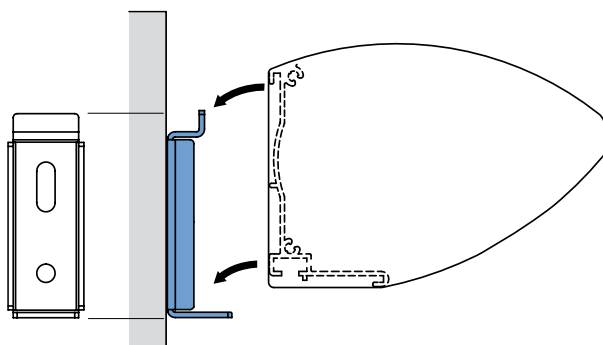
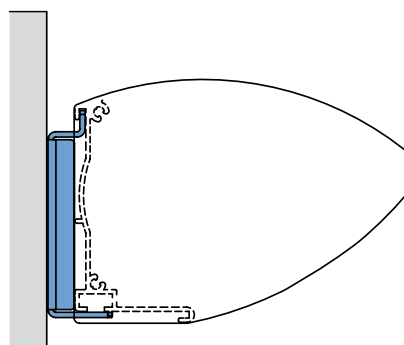


Figure 2.5 Detail wall support



2.3 Securing the awning

1. Lock the wall supports using the included locking bolts. The locking bolts need to be placed manually.
If this fails, the wall supports are not aligned correctly!
2. Fixate the locking bolts by turning them a quarter turn (anticlockwise if you are standing beneath the awning).
Fixate the locking bolt with the included nut.

Attention! The awning may never be opened before the locking bolts are placed!

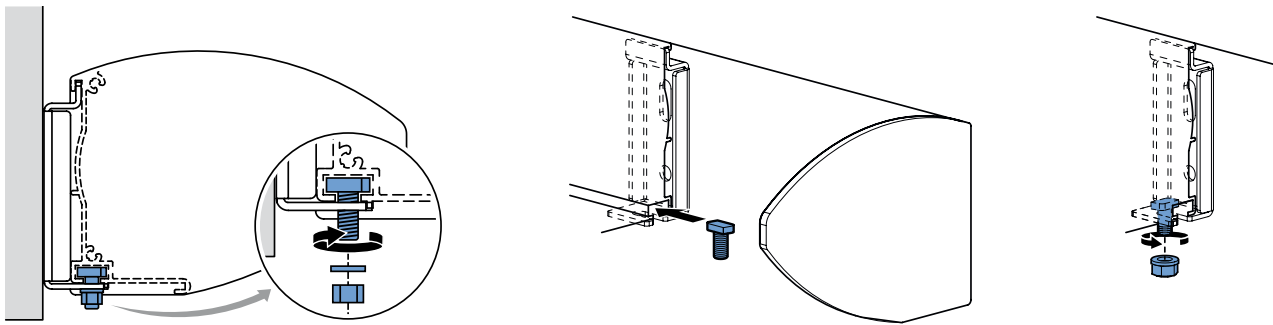


Figure 2.3 Placing the locking bolts.

3. Installation drop-arms

3.1 Drilling the holes for the lower arm support

Drill the holes following the drawing below. The pictured sizes are the minimal sizes for the drilled hole to be from the side of the awning.

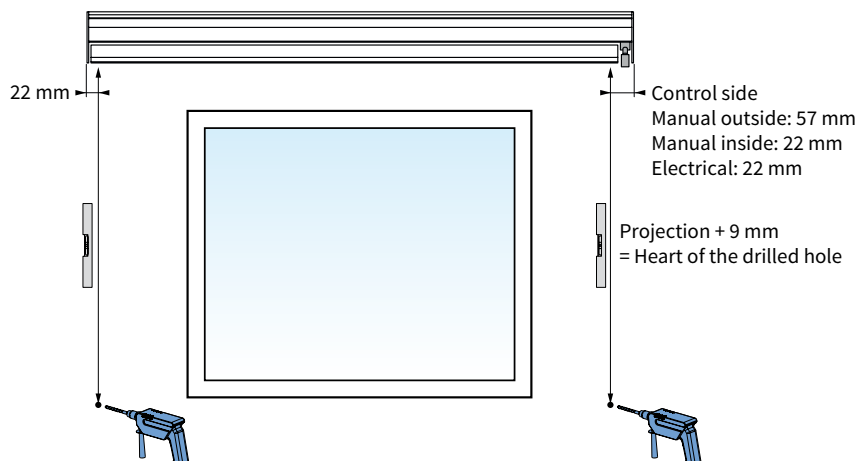


Figure 3.1 Measuring the holes

3.2 Fixation of the drop-arm support

Put the plug with the bolt and ring in the drilled hole (figure 3.2). Turn the bolt until a space of 8 mm remains between the wall and the bolt (fig 3.3). Slide arm support with the lower hole over the bolt (figure 3.4). Turn the drop-arm up to fixate the bolt (figure 3.5). ATTENTION! The spring in the arm is stretched! Turn the bolt until it is almost fixed.

Attention! Some clearance is necessary for the adjustment of the front bar.

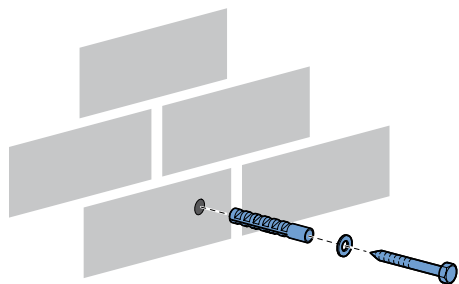


Figure 3.2 Plug, bolt and ring in the drilled hole.

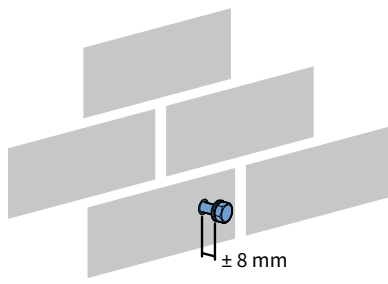


Figure 3.3 Turning the bolt.

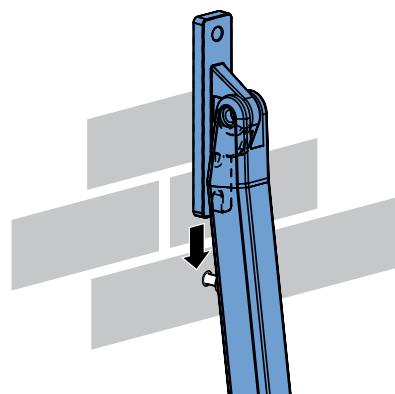


Figure 3.4 Slide the drop-arm over the bolt.

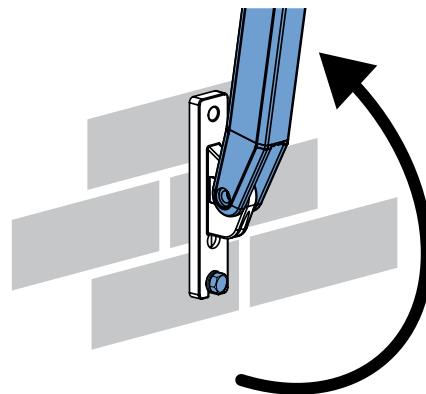


Figure 3.5 Turn the drop-arm and the fixate the bolt.

3.3 Fixating the arms to the front bar

Turn the drop-arm up and stick it in the front bar. Lock the drop-arm by turning the screw on the front side (figure 3.6).

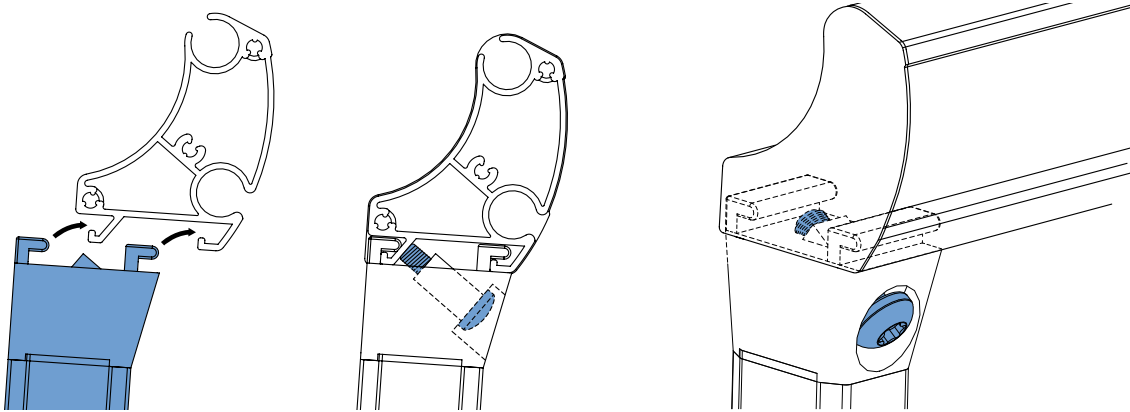


Figure 3.6 Placing the locking bolts.

3.4 Adjusting the front bar

Make sure that the front bar is 15 mm from the top cap over the whole width (figure 3.7). Slide the drop-arm support up or down a little to adjust the front bar (figure 3.9). If the front bar is adjusted correctly, turn the fixation bolt of the drop-arm support (figure 3.10).

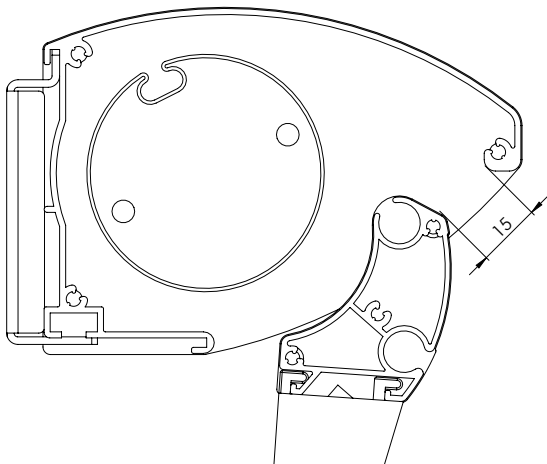


Figure 3.7 Distance between the front bar en top cap

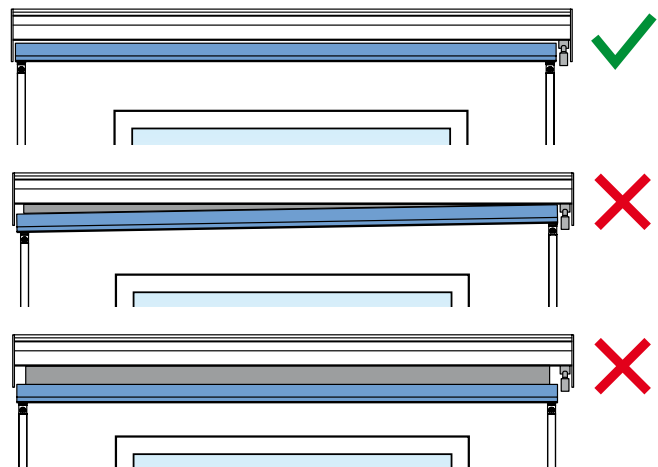


Figure 3.8 Adjustment examples

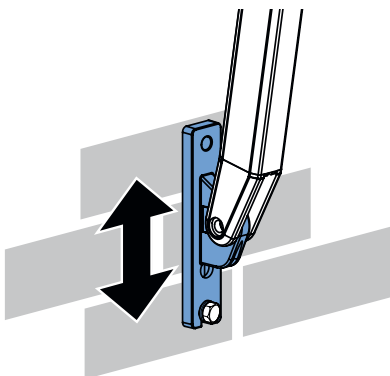


Figure 3.9 Adjustment of the drop-arm support

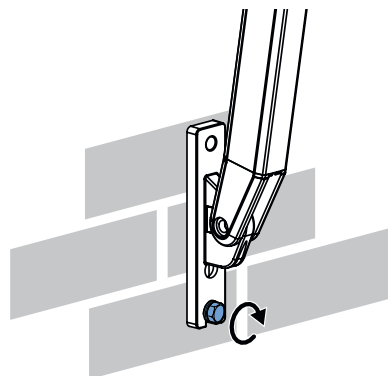
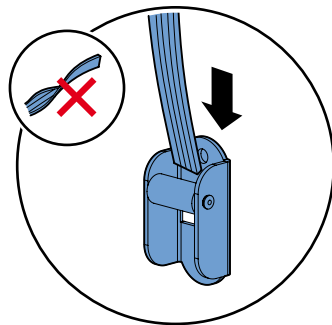
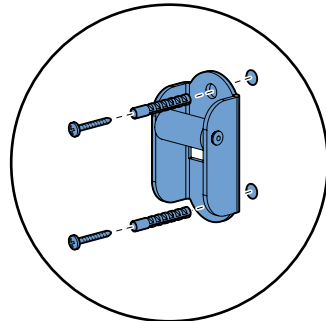
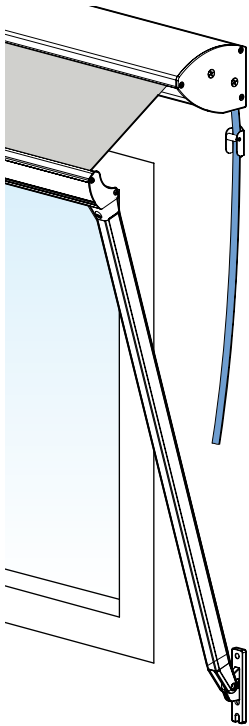
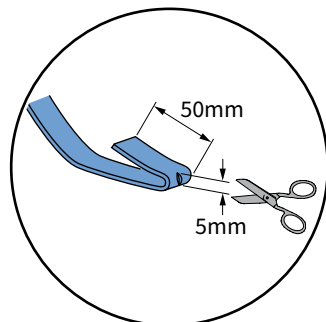
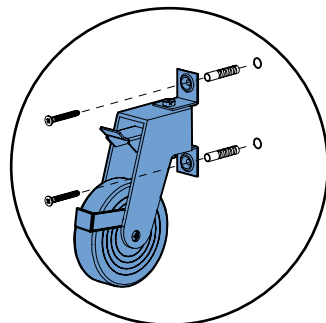
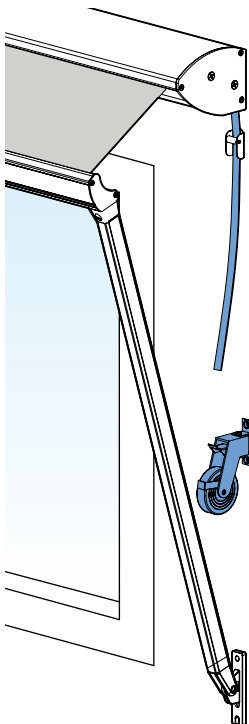


Figure 3.10 Fixation of the bolt

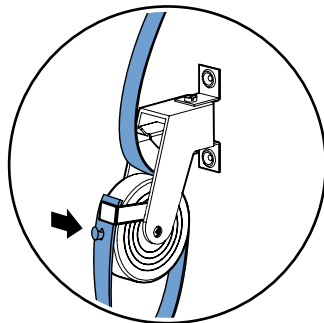
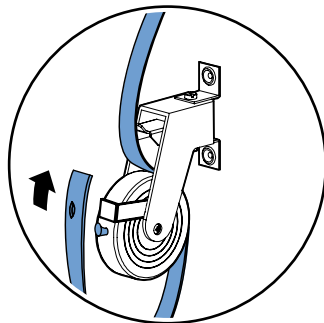
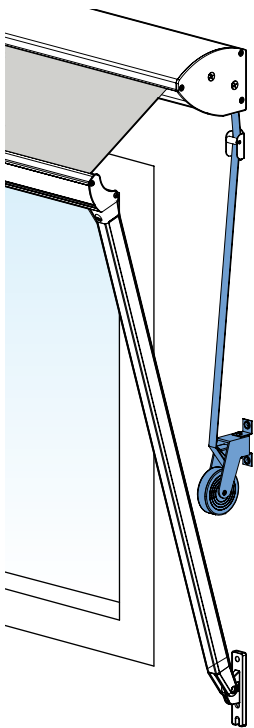
4. Instruction for placing the strap coiler (outside)



1. Determine the position of the strap guide (50 mm to 100 mm below the boxing of the drop-arm awning) and mark both holes on the window frame or the wall. Make sure that the strap and strap guide are aligned!
2. Drill the holes.
3. Place the plugs and install the strap guide with two countersunk screws.
4. Put the pull strap through the strap guide. Make sure that the pull strap is not twisted.

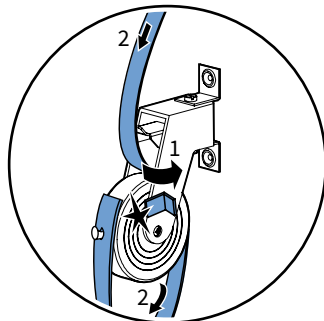
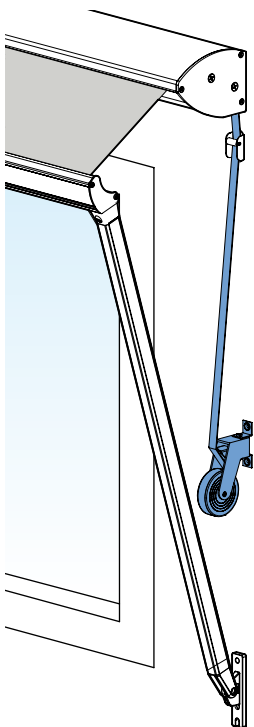


5. Determine the position of the strap coiler and mark both holes on the window frame or the wall. Make sure that the strap and the coiler are aligned!
6. Drill the holes.
7. Place the plugs and install the strap coiler with two countersunk screws.
8. Fold the end of the pull strap double and cut a little hole.



9. Put the end of the pull strap through the strap coiler and place the hole over the flap to make sure that it is fixated well.

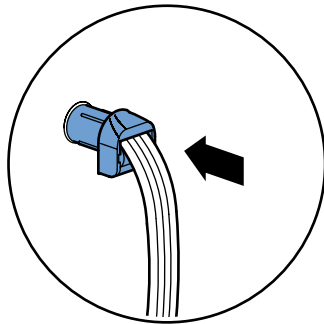
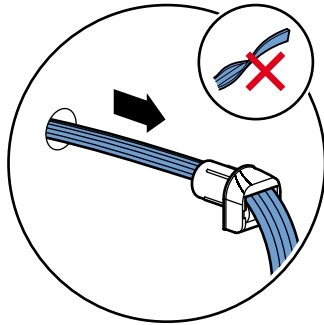
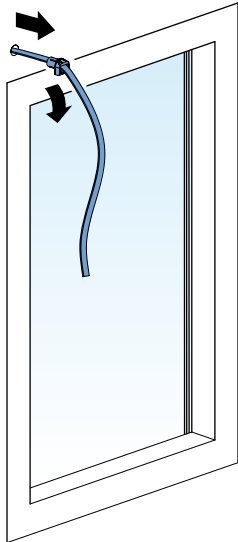
Attention! You may never prematurely shorten the strap! You need the length of the strap when you open the drop-arm awning.



10. Break the plastic hook to bring tension to the strap coiler. The full length of the strap rolls now automatically on the strap coiler.

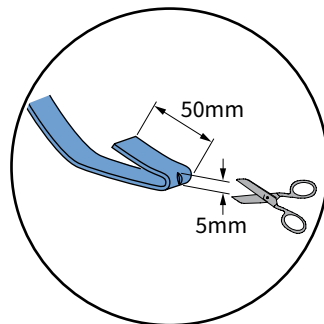
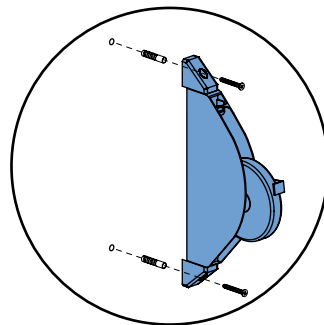
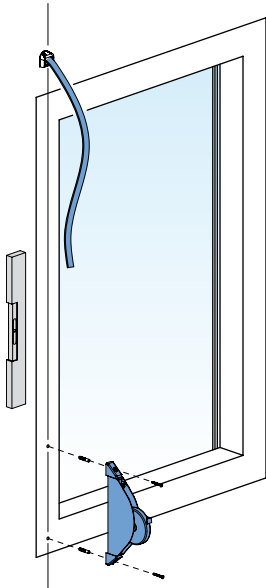
11. The manual controlled drop-arm awning is now ready to use and can be controlled trouble free from the outside.

5. Instruction placing the strap coiler (inside)

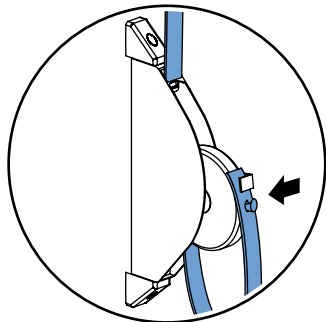
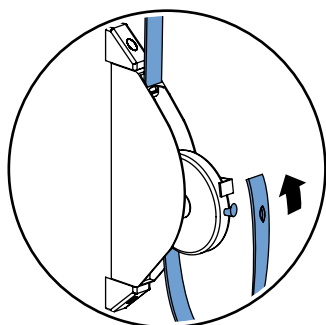
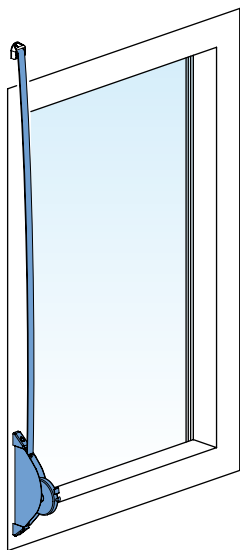


1. Put the pull strap through the guide wheel on the inside. Make sure that the pull strap is not twisted.

2. Place the guide wheel in the control hole.

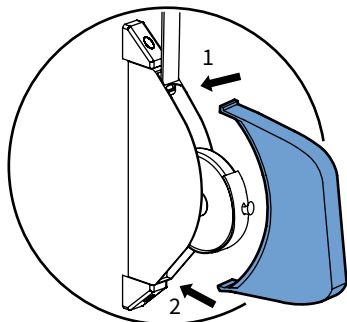
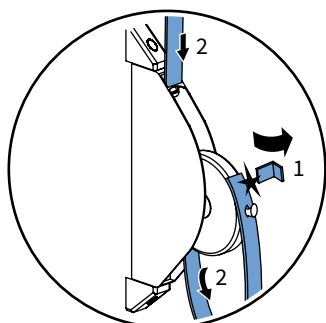
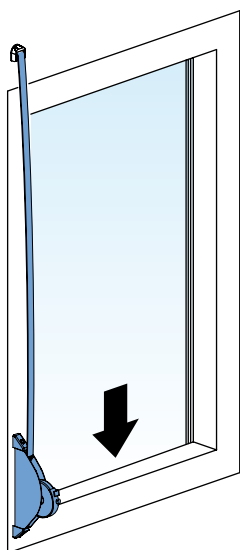


3. Determine the position of the strap coiler and mark both holes on the window frame or the wall. Make sure that the strap and the coiler are aligned!
4. Drill the holes.
5. Place the plugs and install the strap coiler with two countersunk screws.
6. Fold the end of the pull strap double and cut a little hole.



7. Put the end of the pull strap through the strap coiler and place the hole over the flap to make sure that it is fixated well.

Attention! You may never prematurely shorten the strap! You need the length of the strap when you open the drop-arm awning.



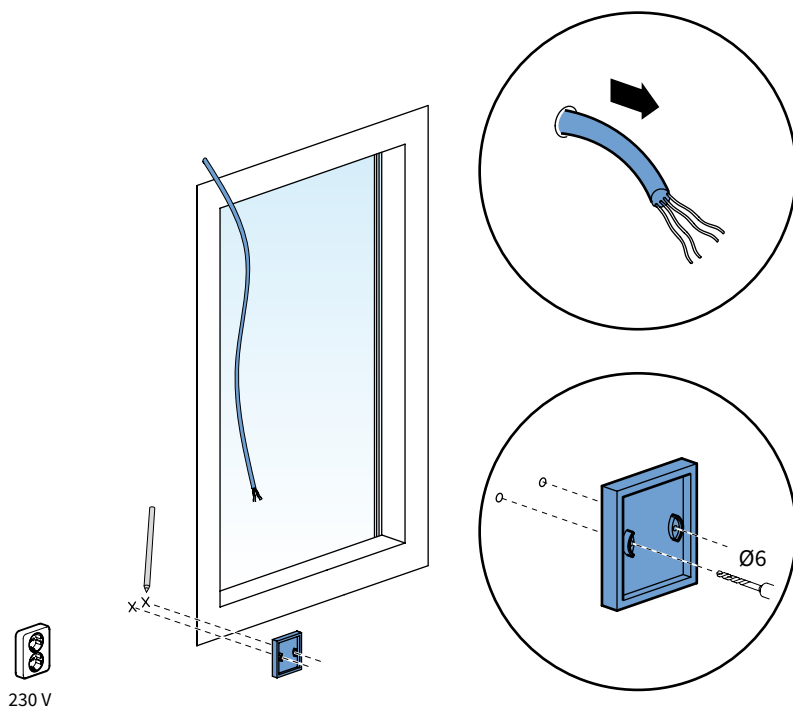
8. Break the plastic hook to bring tension to the strap coiler. The full length of the strap rolls now automatically on the strap coiler.

9. Place the cover on the strap coiler.

10. The manual controlled drop-arm awning is now ready to use and can be controlled trouble free from the inside.

6. Instruction for placing the electrical control (inside)

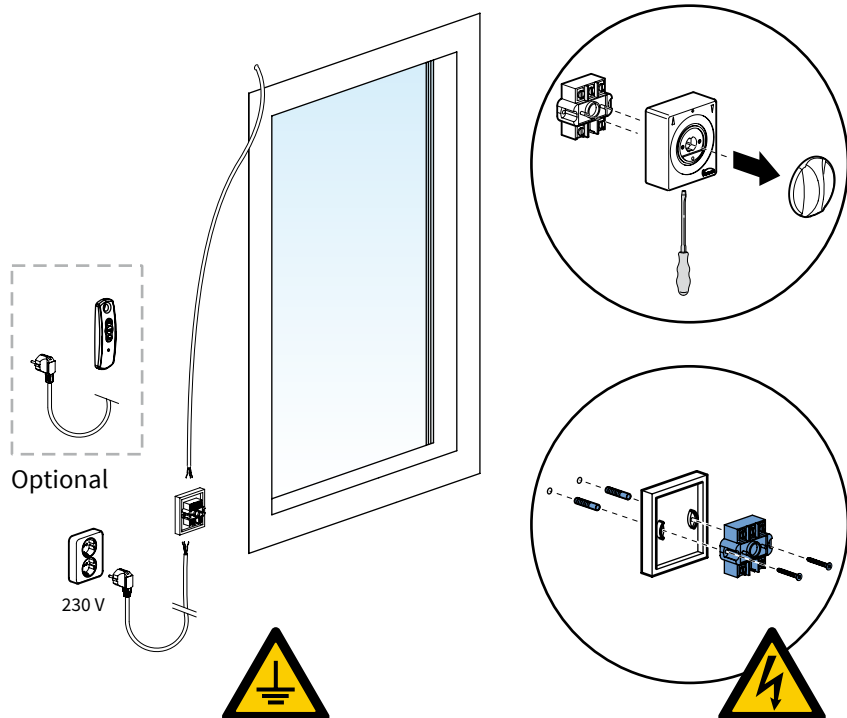
1. Determine the position of the switch on the inside and mark both holes on the wall.



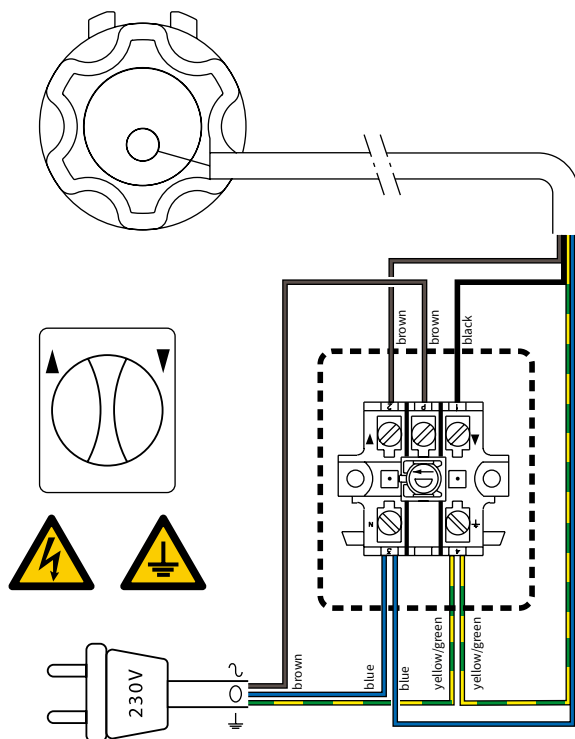
2. Drill the holes with a 6 mm drill.

3. Open the switch using a flathead screwdriver.

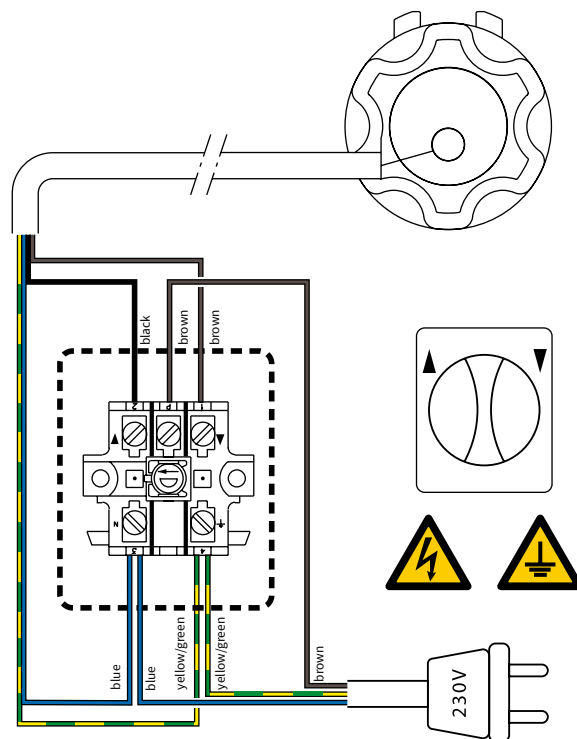
4. Place the plugs and install the switch with two countersunk screws. Make sure that the group-power is off and tension-free!



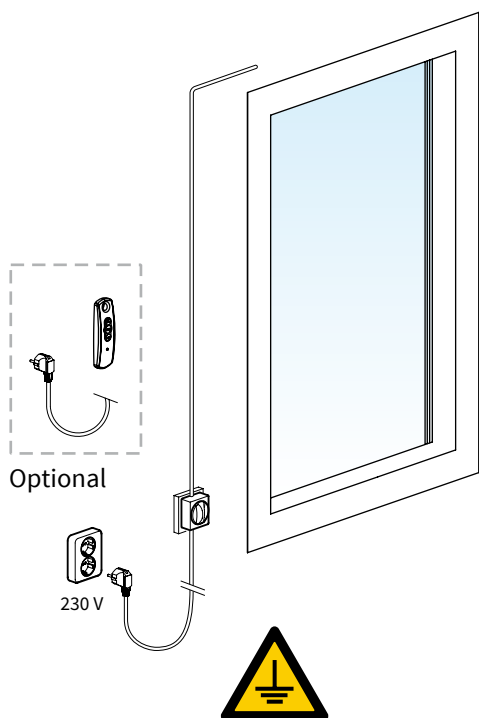
5. Connect the 4-wired cable of the motor and the 3-wired cable and plug following the scheme below.
Turn to an installer if necessary.



Motor left (seen from the outside)



Motor right (seen from the outside)

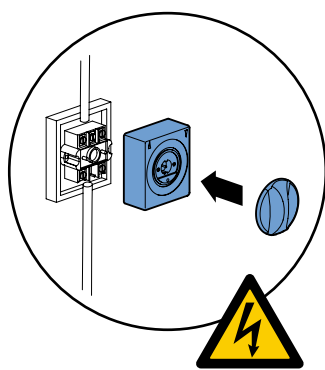


6. Install the switch.

In case of a wireless remote control, the 3-wired cable can be installed directly to the socket.

7. Put the plug in the power point and turn the power on.

The drop-arm awning is now ready to use.



* See the included Somfy instruction for the setting of the remote control.

7. Fixation of the drop-arm support

Open the awning to make sure that you have access to the upper hole of the drop-arm support. Drill the fixation hole through the free hole in the bracket. **Attention!** Make sure that drill cuttings do not fall in the hinge of the drop-arm. The cuttings can obstruct the functioning of the hinge. Fixate the drop-arm bracket.

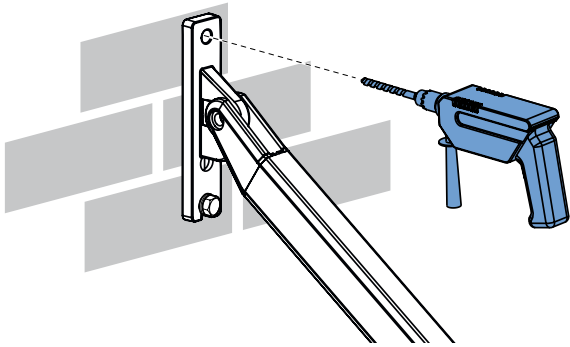


Figure 7.1 Drill the fixation hole.

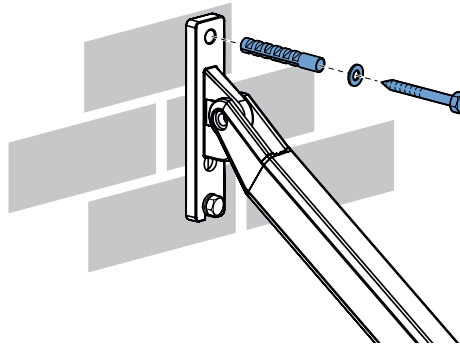


Figure 7.2 Fixate the drop-arm bracket.

8. Valance

8.1 Place the valance

To place the valance, follow the steps below. See figure 8.1.

1. Remove the cap from the front bar on one side. The fabric tendon is locked in the front bar.
2. Slide the fabric tendon in the valance on the opened fabric side.
3. Slide the valance carefully in the gap. Make sure that you guide the valance accurately to prevent ripping!
4. Replace the cap on the front bar.

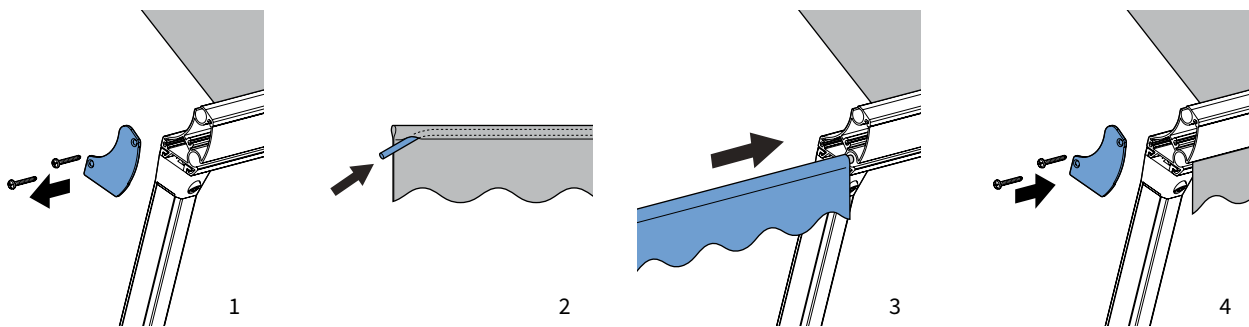


Figure 8.1 Placing the valance.

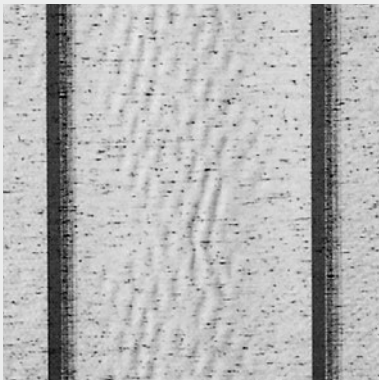
User information

A high quality cloth is integrated into your chosen screen. In view of optimal quality we have chosen a high technology production process in which every step of the production is strictly selected. By way of automation, permanent checks, laboratory tests and finely detailed after-care, nothing is left to chance. This allows us to guarantee the resistance as well as the strength and durability of the colours of your screen for many years to come.

Starting with a completely pigmented poly-acryl material, which gives it its exceptional quality, our screens have the advantage of total monitoring during the production process. In spite of all this there may be small irregularities in your screen that are difficult to detect and impossible to avoid. They are inherent in all technical materials but do not reduce the technical presentation and durability of your screen.

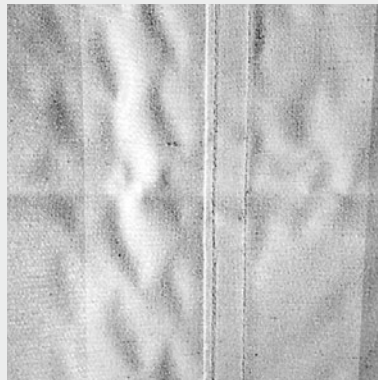
Waffling, chalk stripes, small pleats next to the seam or in the middle of the screen or nap can appear. The retailer cannot be held responsible for these irregularities.

Cable motor: if broken off, cannot be guaranteed.



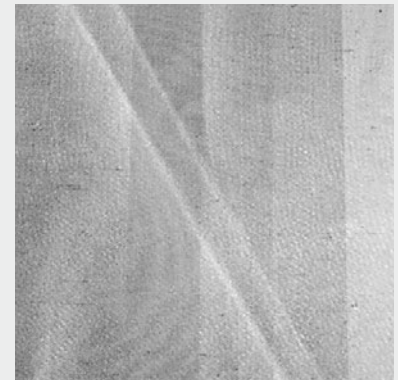
Wave forming or wrinkle forming

All technical materials can display these symptoms in the middle of a canvas. They are especially noticeable with backlight through the difference in light reflection.



Wave forming

Next to the seams, caused by the unavoidable tension difference in rolling up.



Fold stripes/ chalk stripes

A fold caused during the manufacture, can show a darker stripe by light reflection. This is mostly noticeable in lighter coloured blinds.

These small irregularities have no effect whatsoever on the quality of the screen and do not constitute the screen being replaced. However do inform us if you notice any irregularities in colour fastness, decay or resistance, in fact in any of the basic characteristics of our 2-year guarantee.