

Manufacturing and installation instruction

# Cubola® Solidare®

Free standing awning/pergola awning





**\*\* ATTENTION \*\***

AVZ accepts no liability for any errors in this manual,  
or for any damage or losses resulting from the use thereof.

## General information Cubola® Solidare®

### Maximum dimensions (cm)\*

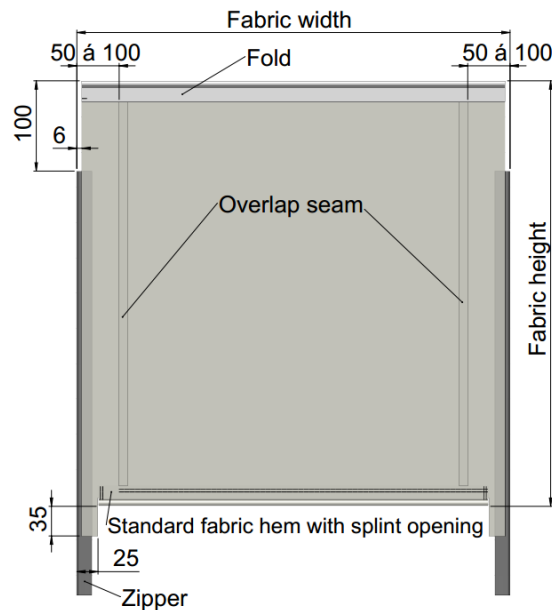
	Width unit	Projection unit	Height unit
Maximum per unit	600 cm	400 cm	300 cm

\* = While the system in theory allows for endless connection in all directions, it is not possible to end *both front profiles at one profile*.

**Note:** No joints are available for the fabric rollers, so each unit of max. 6000 x 4000 mm has 2 motors.

### Fabric confection

The Solidare is only available with acrylic fabric in panels. Without zipper, Soltis fabric is also available. The fabric of the Solidare is wound bottom wise.



The fabric in the front support beam is wound topwise (max. 800 mm projection).

### Motor diagram

Width	Projection		
	150 to 300 cm	300 to 350 cm	351 to 400 cm
From 200 to 300 cm	40 Nm	40 Nm	
From 301 to 400 cm	40 Nm	40 Nm	50 Nm
From 401 to 500 cm	40 Nm	40 Nm	50 Nm
From 501 to 600 cm	50 Nm	50 Nm	50 Nm

For the fabric in the support beam (valance) use at least 20Nm without fabric stretch compensation or 40Nm with fabric stretch compensation.

### Mounting brackets

The number of mounting brackets depends on the width of the Cubola i.c.w. Solidare.

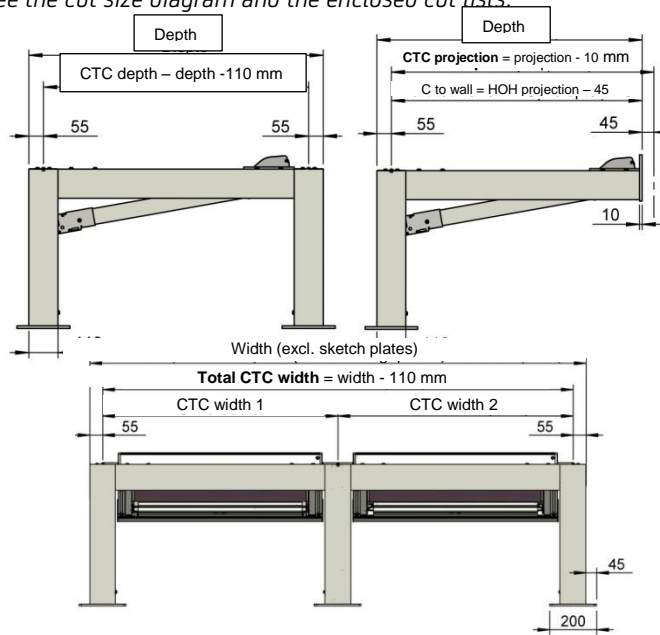
Width	Freestanding	Wall-mounted
200 to 400 cm	Set L+R freestanding (4217420-...)	Set L+R wall-mounted (4217424-...)
400 to 500 cm	Set L+R freestanding (4217420-...) 1x centre (4217422-...)	Set L+R wall-mounted (4217424-...) 1x centre wall-mounted (4217426-...)
500 to 600 cm	Set L+R freestanding (4217420-...) 2x centre freestanding (4217422-...)	Set L+R wall-mounted (4217424-...) 2x centre wall-mounted (4217426-...)

## General information Cubola® Solidare®

### Determine the centre-to-centre size per unit

In order to determine the cut sizes, first measure the centre to centre size of each unit. A drawing with dimensions is shown below.

For a more detailed view, see the cut size diagram and the enclosed cut lists.



**Note:** Mounting plates extend beyond the width and projection sizes. This is 5 mm for the wall mounting plate and 45 mm for the mounting plate of the post.

### Dissimilar units

**Note:** In case of a connected system with dissimilar units placed in front or alongside one another, the outer size minus the values stated above are divided over the number of units.

For example: Freestanding model with 2 units connected in width:

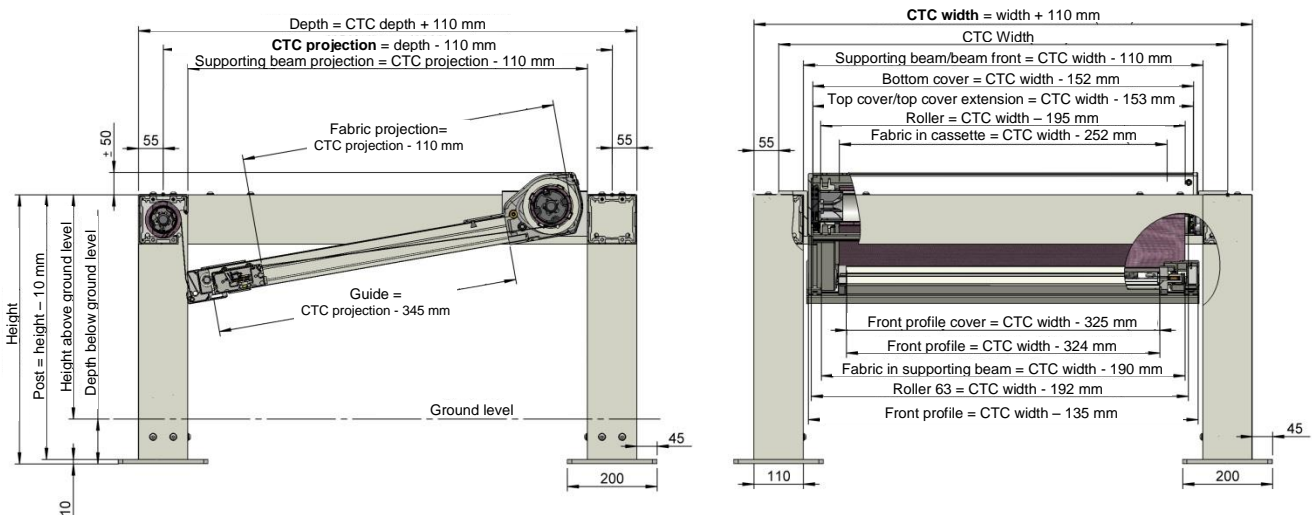
Total width = 10000 mm

The total CTC size is then 10000 - 110 mm = 9890 mm

If the first unit has a CTC size of 3000 mm, the second unit will be 6890 - 3000 = 3890 mm.

### Cut sizes
























The cut sizes apply to all configurations, including a connected or wall-mounted system. It is based on the CTC size of each unit. The applicable sizes are listed in the cut size diagram shown on the following page.








## General information Cubola® Solidare®

### Number and cut sizes

The cut sizes apply to all configurations, based on the CTC size of each unit. The number of units to be used is stated in the table below. (Various cut sizes are enclosed)..

			Freestanding (connected)			Wall-mounted ( connected )		
			Single freestanding	Double freestanding side-by-side	Double freestanding following	Single wall-mounted	Double wall-mounted side-by-side	Double wall-mounted following
								
CTC projection per unit			Projection – 110 mm / no. of units			Projection – 10 mm / no. of units		
CTC width per unit			Width – 110 mm / no. of units			Width – 110 mm / no. of units		
<b>Cut sizes Width</b>			<b>No. of pieces</b>					
Width support beam		CTC width – 110 mm	1	2	1	0	0	0
Front support beam		CTC width – 110 mm	1	2	2	1	2	2
Mounting part front		CTC width – 116 mm	1	2	2	1	2	2
Front profile		CTC width – 135 mm	1	2	2	1	2	2
Roller 85 Somfy/ASA		CTC width – 195mm/ -198mm	1	2	2	1	2	2
Roller 63 Somfy/ASA		CTC width – 160 / -175 mm	1	2	2	1	2	2
Cover front profile		CTC width – 325 mm	1	2	2	1	2	2
Front profile		CTC width – 324 mm	1	2	2	1	2	2
Tensioning wire		Front profile – 160 mm	1	2	2	1	2	2
Cover profile		Front profile – 274 mm	1	2	2	1	2	2
Bottom cover		CTC width – 152 mm	1	2	2	1	2	2
Top cover		CTC width – 153 mm	1	2	2	1	2	2
Cover extension		CTC width – 153 mm	(1)	(2)	(2)	(1)	(2)	(2)
<b>Cut sizes Projection</b>			<b>No. of pieces</b>					
Beam projection		CTC projection – 110 mm	2	3	4	2	3	4
Guide		CTC projection – 345 mm	2	4	4	2	4	4
Gutter profile (optional)		CTC projection – 250 mm	(2)	(4)	(4)	(2)	(4)	(4)
PVC guide		CTC projection – 320 mm	2	4	4	2	4	4

## General information Cubola® Solidare®

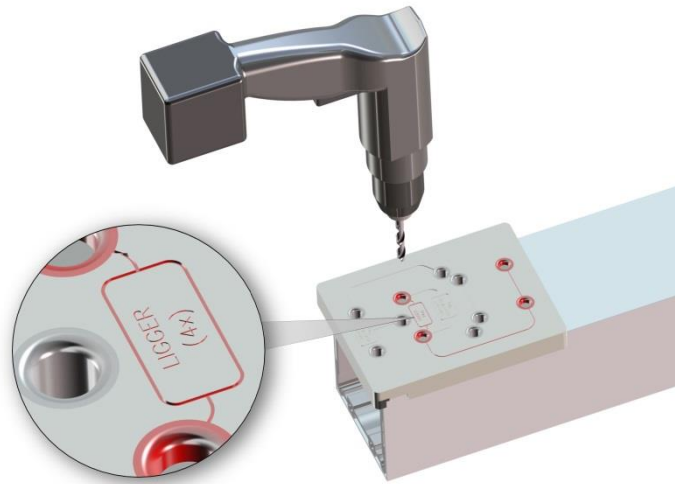
Cut sizes Height			No. of pieces					
Leg		Height + size under ground level – <b>10 mm</b>	4	6	6	2	3	4
Fabric dimension			No. of pieces					
Fabric with zipper in cassette		CTC width – <b>252 mm</b>	1	2	2	1	2	2
		CTC projection + <b>0 mm</b>						
Fabric without zipper in cassette		CTC width – <b>314 mm</b>	1	2	2	1	2	2
		CTC projection + <b>0 mm</b>						
Fabric in beam		CTC width – <b>190 mm</b>	1	2	2	1	2	2
		Fixed height size = <b>800 mm</b>						
2 Fabrics in beam (system larger than 4.0 m)		CTC width – <b>250 mm / 2</b>	2	4	4	2	4	4
		Fixed height size = <b>800 mm</b>						

**Note:** - You must determine the numbers of pieces for other configurations yourself.  
 - Use of dissimilar units will lead to different CTC sizes; this will result in multiple lengths for one type of profile!

## Assembly Cubola® Solidare®

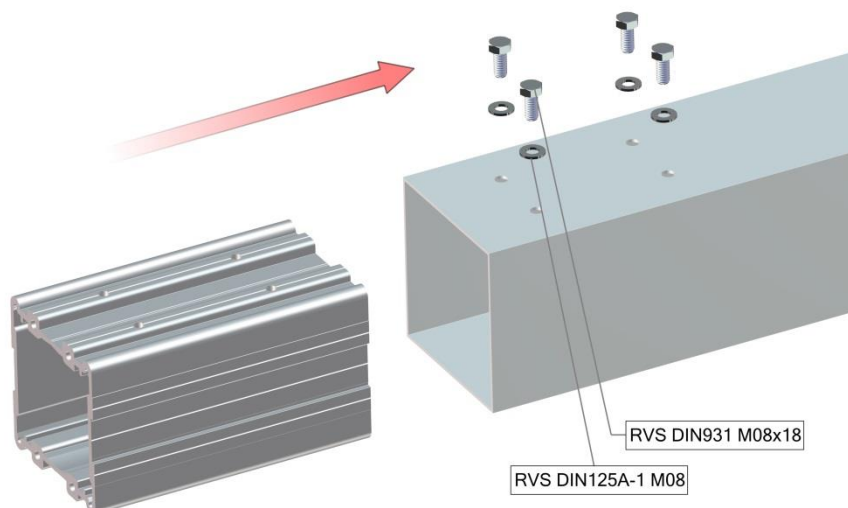
### Sub-composition support beams

1. Cut the profiles to the correct lengths according to the cut lists.
2. Place the drilling template and drill 4 holes according to the 'support beam pattern. Do the same on the other side of the profile.



### Freestanding Cubola® Solidare®

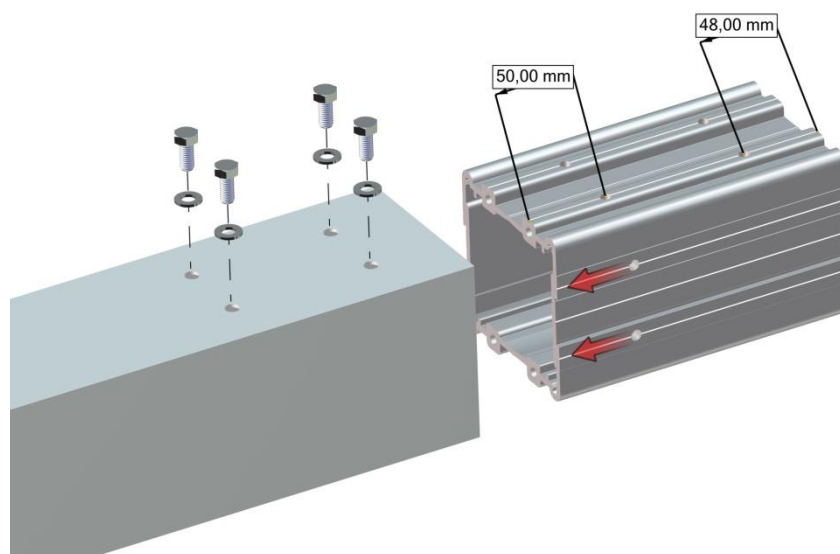
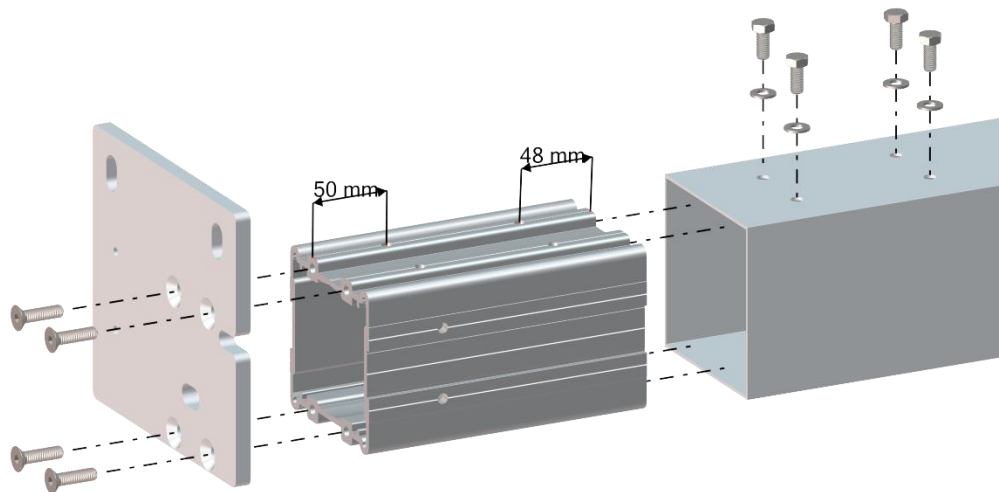
3. Insert the corner mounting piece in the leg. **Note:** Turn the side with the most holes towards the centre of the profile so that the corner mounting piece is laid 2 mm into the leg. **Note:** When the profile is turned around, the corner mounting piece will be flush with the profile. This is used for wall mounting and thus not desired for this application!.
4. Fasten the corner mounting pieces with the bolts on the top.



## Assembly Cubola® Solidare®

### Wall mounting Cubola® Solidare®

5. Screw the wall mounting plate to the mounting profile.  
**Note:** Side mounting plate with holes at 50 mm (side with the most holes) against the wall mounting plate.
6. Slide the mounting profile into the tubular profile and temporarily fasten or deliver the support separately with the profile.  
 On site, first mount the mounting profile to the wall before attaching the support beam.  
**Note:** The wall mounting plate is available in a left and right version.
7. On the other side, place the mounting profile (corner profile) in the support beam and fasten it with bolts. **Note:** Turn the side with the most holes towards the centre of the profile so that the mounting piece is laid 2 mm into the support beam. **Note:** When the profile is turned around, the corner mounting piece will be flush with the profile.

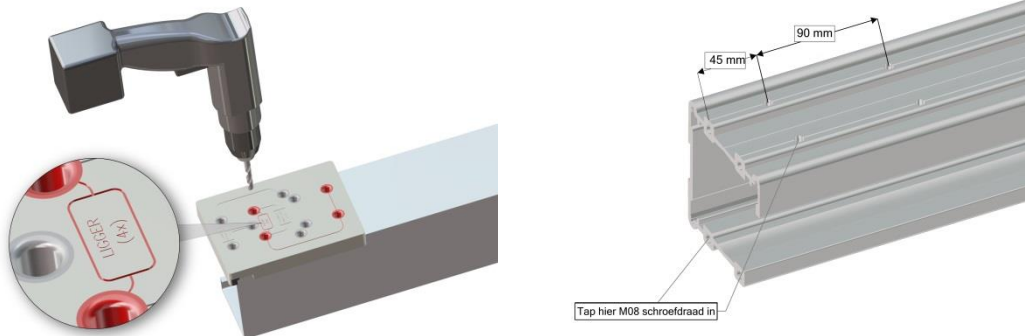




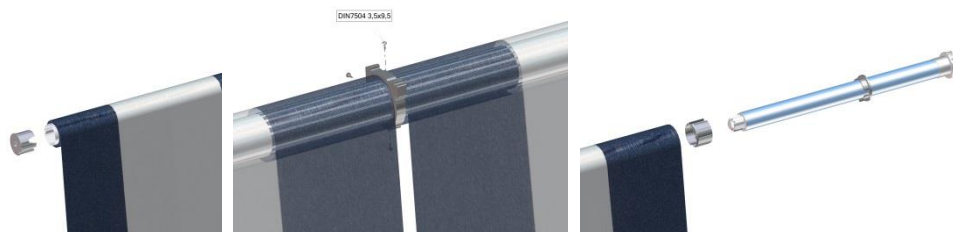
## Assembly Cubola® Solidare®

### Sub-composition support beam front side

1. Shorten the front profile support beam, mounting profile and front profile to the correct lengths.
2. Place the drilling template on the top of the profile and drill 4 holes according to the 'support beam' pattern. Do the same on the other side of the profile
3. Drill on both sides of the mounting profile 4 holes of 6.5 mm, as shown hereunder. Tap M8 thread in the holes and also in the holes on the side.



4. Place the PVC slide bearing between the fabrics (fasten it later in the mounting profile with self-drilling screws). Insert PVC inserts into the fabric and wind the fabric top wise around the fabric roller. Make sure that the groove on the pull side is filed round so that the fabric is not torn by being pulled against the sharp edge.
5. Insert bearing bung into the non-operating side of the fabric roller.
6. Place the motor with friction ring and motor bung into the other side of the roller. Take the direction of rotation into account.

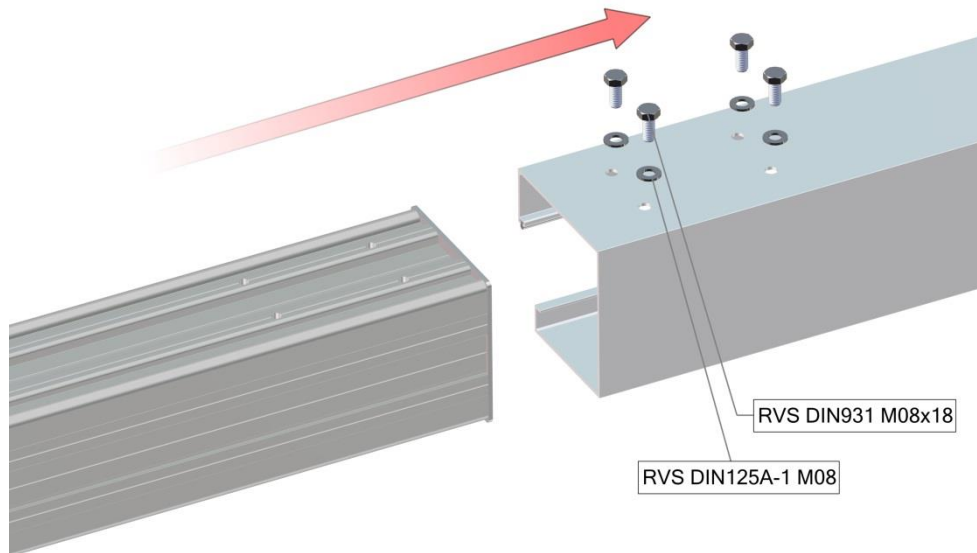


7. Place the complete fabric roller into the mounting profile.
8. Mount the end plate with bearing pin and the end plate with motor bracket to the mounting profile. Make sure the motor cable is drawn through the cable opening into the end plate. Fasten the PVC central slide bearing to the mounting profile with self-drilling screw 3,5x9,5.

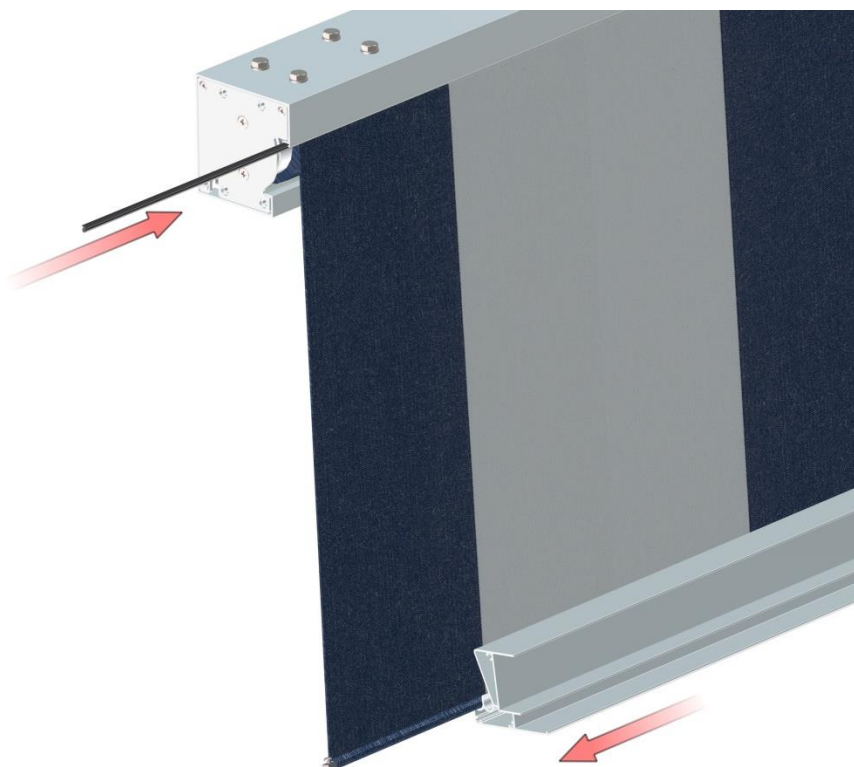


## Assembly Cubola® Solidare®

9. Slide the complete mounting profile in the support beam front side and fasten both sides on the top with 8 bolts.



10. Slide the sealing strip into the support beam.
11. Slide the filed off fabric roller onto the fabric and wind the fabric eventually.



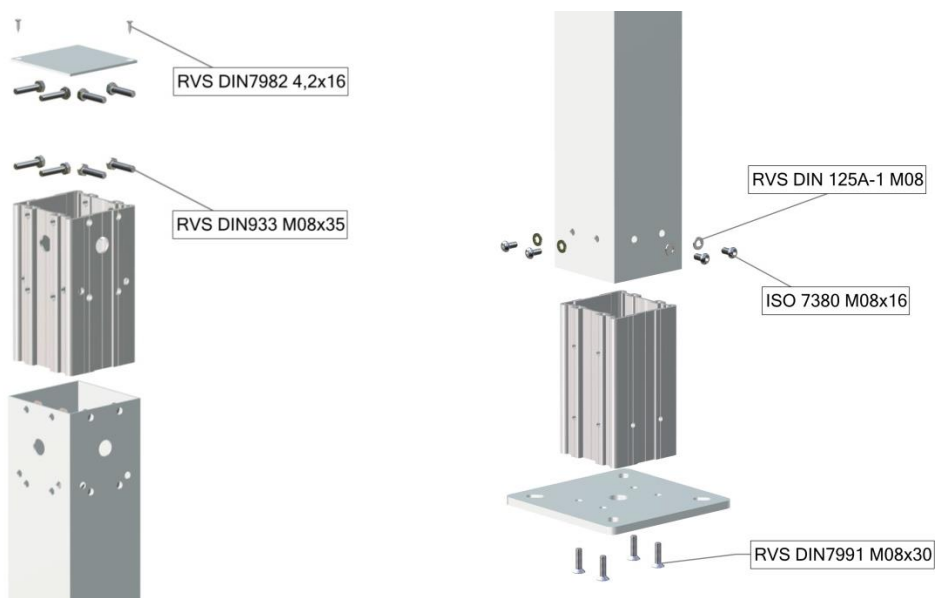
## Assembly Cubola® Solidare®

### Sub-composition legs

1. Shorten the legs to the correct size.
2. Place the drilling template on the profile and drill 7 holes according to the 'top of leg' pattern.
3. Drill the centred hole up to 20 mm. This hole is for the cable entry.
4. Turn the profile 90° (quarter turn) and drill the same pattern again. If the leg is fitted with support beams on 3 sides (in case of a connected system), the pattern must also be drilled on the third side.
5. Place the drilling template against the bottom of the profile and drill according to the bottom of leg pattern.
6. Also drill two holes on the other side. Preferably drill the holes on the same side as the holes on the top of the profile.



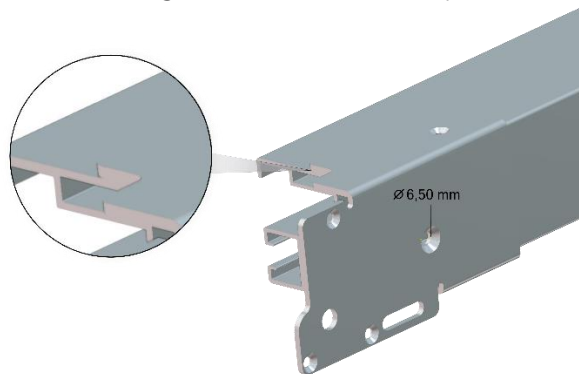
7. Fasten the mounting adjusting plate to the mounting profile using countersunk bolts.
8. Place the leg on the profile and fasten the 4 bolts on the side. You can opt to first fasten the adjusting plates to the mounting location against the wall before placing the profile on it.
9. Insert the mounting part leg into the top of the profile
10. Temporarily fasten the mounting profile using 2 bolts and nuts or loosely fit the adjusting plate mounting profile into the leg.
11. Loosely fit the cover plates, bolts and screws into the leg or fasten them temporarily



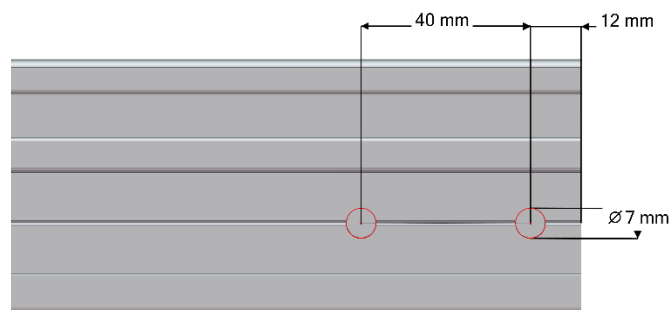
## Assembly Cubola® Solidare®

### Sub-composition side guides

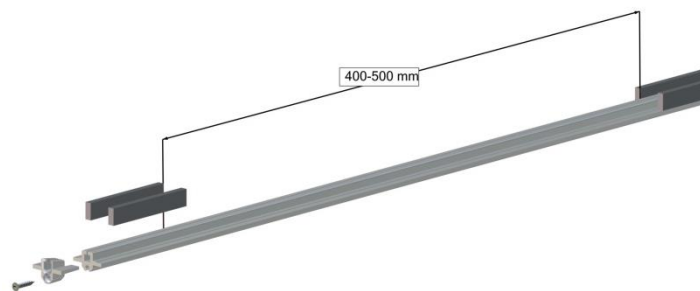
1. Shorten the side guides to the correct lengths.
2. Place the end cap front profile at the mounting position, make sure the front is flush with the end of the side guide. Drill a hole of 6,5 mm through the hole in the end cap.



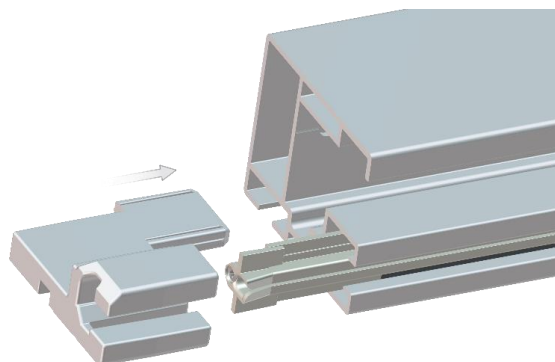
3. Drill 2 holes of 7 mm, as shown below, to assemble the support beam to the top cover support.



4. Stick each 400-500 mm 2x neoprene self-adhesive neoprene strips on the guides. Stick at the bottom and 100 mm from the top a neoprene strip.
5. Fasten the funnel side guide to the guides.

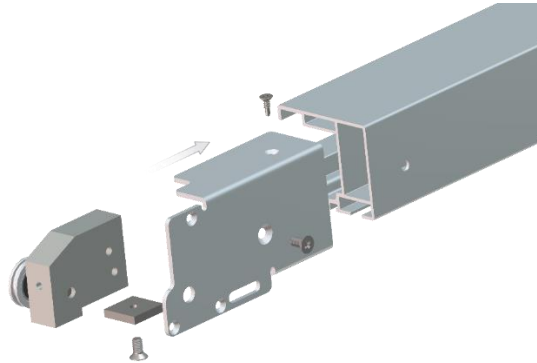


6. Slide the PVC side guide in the side guide and install the guide plate.



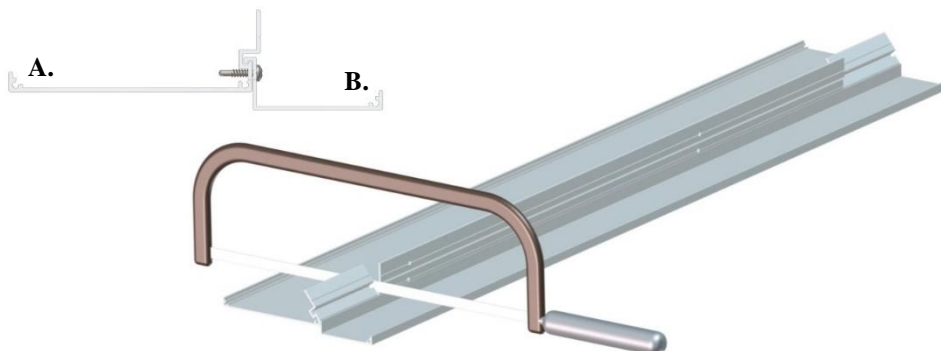
## Assembly Cubola® Solidare®

7. Slide the end bearing block with bearing in front of the guide.
8. Place the end cap of the front profile around the guide and fasten it on the side with a countersunk screw (through the guide into the end bearing block).
9. Place a clamping plate into the bottom of the profile and fasten the end cap on the bottom.
10. On the top of the profile turn a self-drilling screw. This ensures that the end is fastened on all sides.

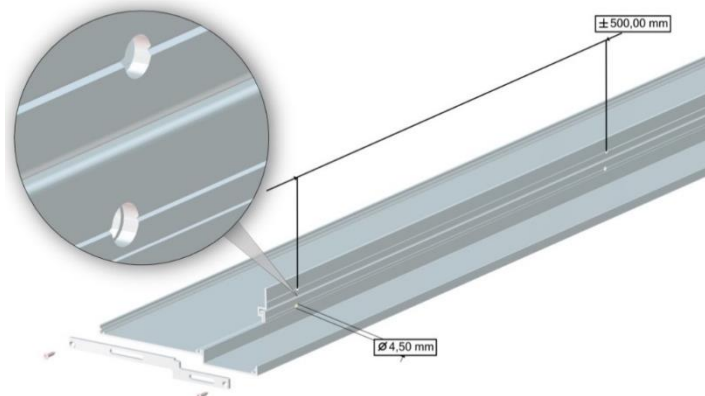


### Sub-composition gutter guides (optional)

1. Shorten the 2 parts of the gutter to the correct lengths.
  2. Cut the ridge at 100 mm from the front side and 112 mm from the back side until the rejuvenations. **Note:** Left and right version.
  3. Watch out not to damage the edges of the profile, the saw-blade is very close!
- A. Always use this part. Also in combination with a side cap (e.g. SolidScreen) for instance.  
 B. If no side cap is used, use this part to close off the space between the support beam and the guide.



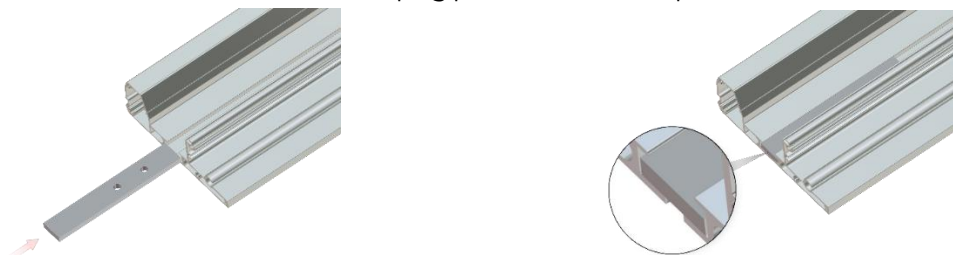
4. Break the cut parts of the profile by using pincers.
5. Place the end cap gutter at both ends of the profile and fasten them.
6. Drill 2 holes of 4.5 mm at intervals of  $\pm 500$  mm above one another on the drill lines in the profiles for fitting to the guide. Then fasten the two profiles into the side guide using self-drilling screws.



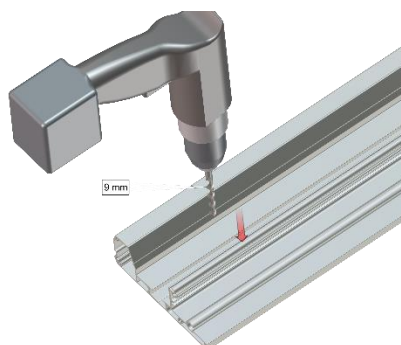
## Assembly Cubola® Solidare®

### Sub-composition tensioning system (systems larger than 4.0 meter)

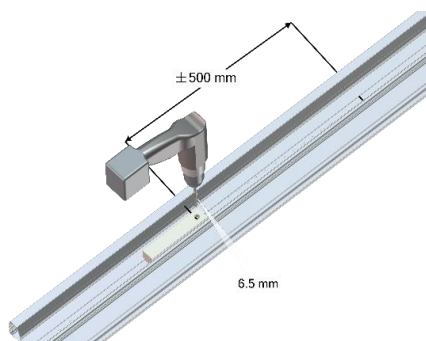
1. Slide the clamping plate in the slot of the front profile with the wholes to the centre of the front profile. Make sure the sides of the clamping plate and the front profile are flush.



2. Mark the holes and drill hole of 9 mm. Do this on both sides of the front profile. **Note:** Do not drill the holes of the clamping plate.



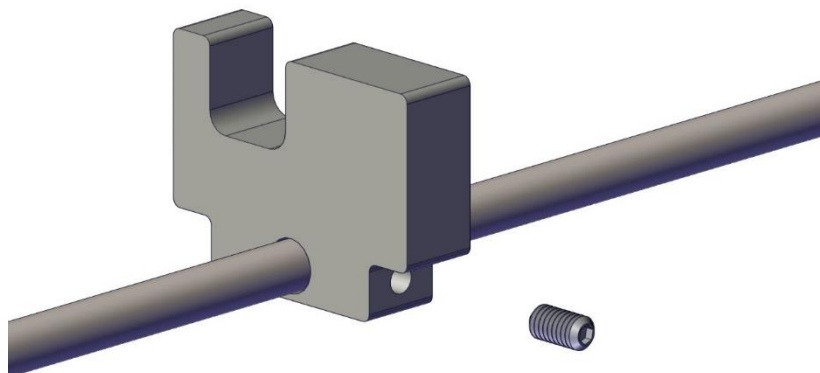
3. Drill holes of 6,5 mm with aid of the drilling template in the slot of the front profile. Keep about 500 mm distance between the holes. Keep a distance of 700 mm in the middle of the front profile. **Note:** The distance of 700 mm is the required space for the clamp cleat during opening and closing.



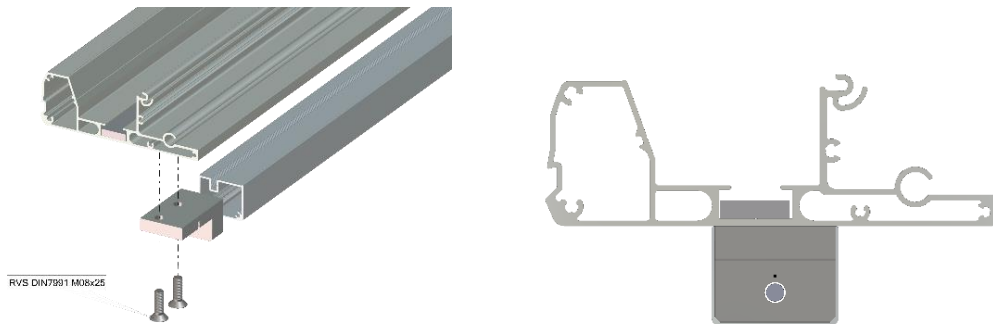
**ATTENTION:** Slide first the spring support blocks in the front profile. See item 8 – 9 page 17.



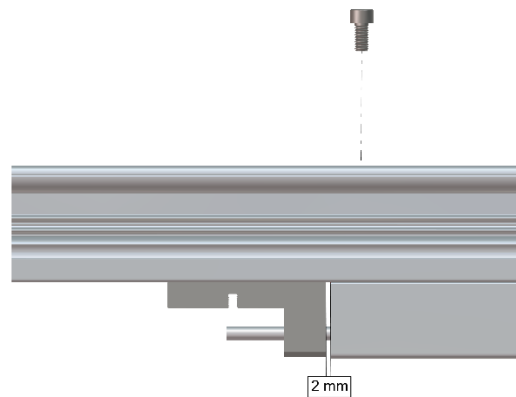
4. Slide the block to the centre of the tailored tensioning wire and screw it into place with the hexagon screw.



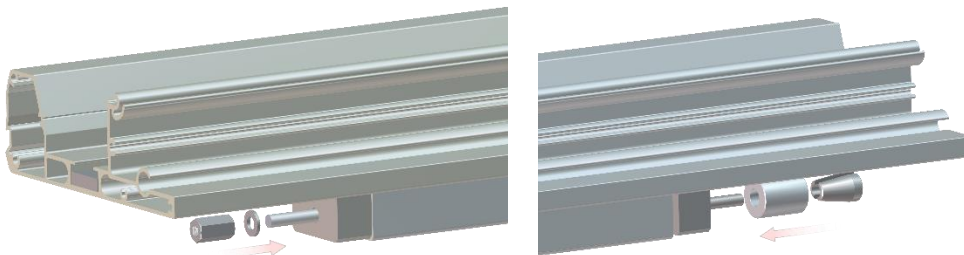
5. Take the tensioning wire through the tensioning wire mounting blocks and the cover profile. Fasten the tensioning wire mounting blocks in the clamping plate with M8x25 bolts. **Note:** Make sure the mounting blocks are centered under the front profile.



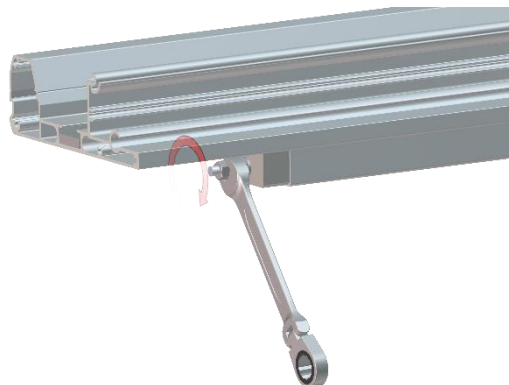
6. Keep at both sides of the mounting block and the cover profile a distance of 2 mm. Fasten the cover profile through the holes of 6,5 mm.



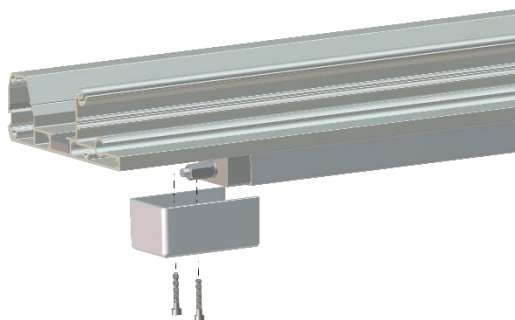
7. Fasten the hexagon connection nut with a washer to the side of the tensioning wire with screw-thread. On the other side the clamping sleeve with wedge set is positioned.



8. Turn the hexagon connection nut tight to tension the front profile straight.

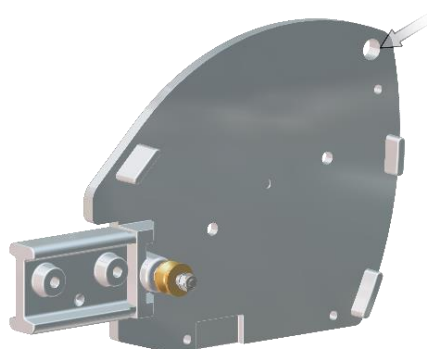


9. Close both sides of the tensioning system with covers and fasten with M4x25 cylinder screws.

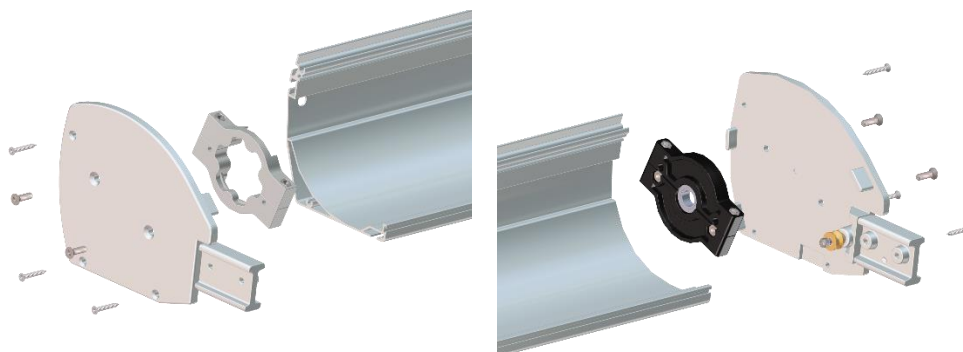


### Sub-composition cassette with front profile

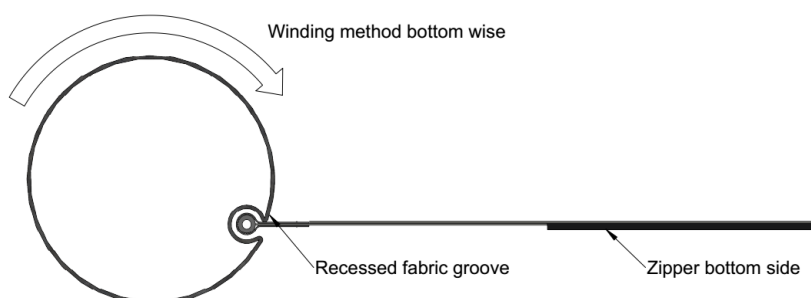
1. At the operation side drill a hole of 11 mm in the bottom cover for the passage of the motor cable. Make a rushing in the hole.



2. Slide the mounting plates of the mounting brackets and the PVC inlay strip in the bottom cover. Screw the top cover supports on the bottom cover with plate screws 4,2x32 mm. Fasten the aluminium motor bracket and the PVC bearing block on the top cover supports.



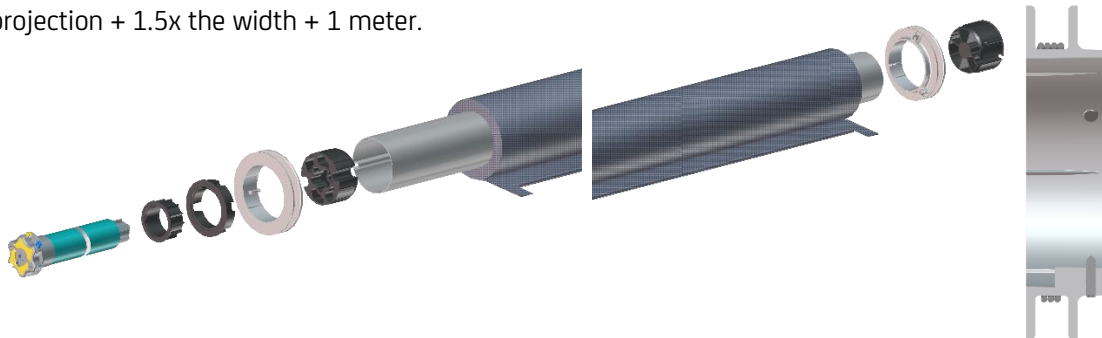
3. Slide the 2 fabric strings into the fabric.
4. Roll the fabric bottom wise onto the roller.



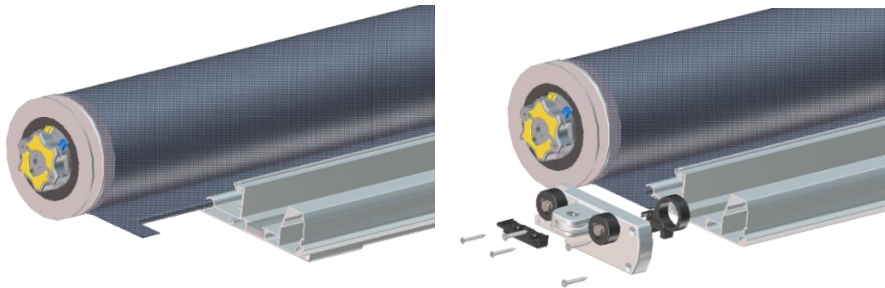
5. Install the cord pulleys.



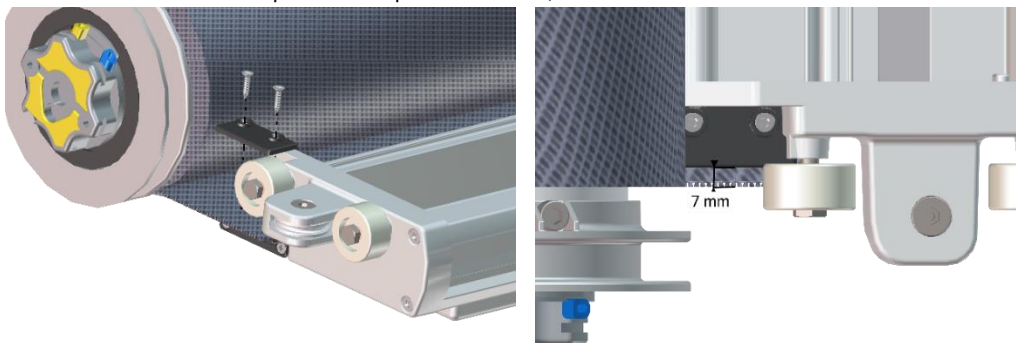
6. At the operation side, install the motor in the fabric roller and the bearing bung at the bearing side.
7. Make 4 windings of cord around the cord pulley and ensure that the cord runs neatly. **TIP:** Apply double sided tape in the cord pulley before winding the cord. Now the first 4 windings are fixed in place and will remain so during transport. The required length of cord per side is determined as follows:  $2x \text{ the projection} + 1.5x \text{ the width} + 1 \text{ meter}$ .



8. Slide the front profile onto the fabric. Place the 4 support blocks in the front profile. Attach the guide blocks to the front profile using self-tapping screw 4,2x45 mm. Fasten the plastic end caps for the zipper fabric with self-tapping screw 3,5x32 mm.



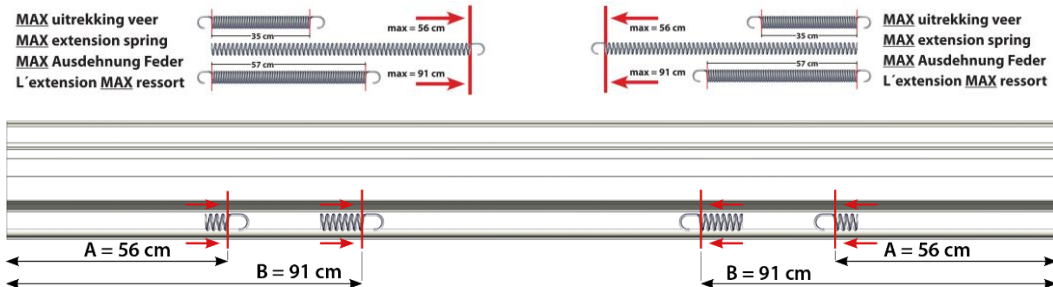
9. Place the zipper parallel to the PVC end cap and make sure the zipper oversized about 7 mm on both sides. Fasten the PVC end plate with plate screw 3,5x16 mm.



10. Hook the spring to the eye onto the guide block. Slide the support blocks over the springs and fasten with self-drilling screws 4,2x13 mm (2 pcs. per spring).



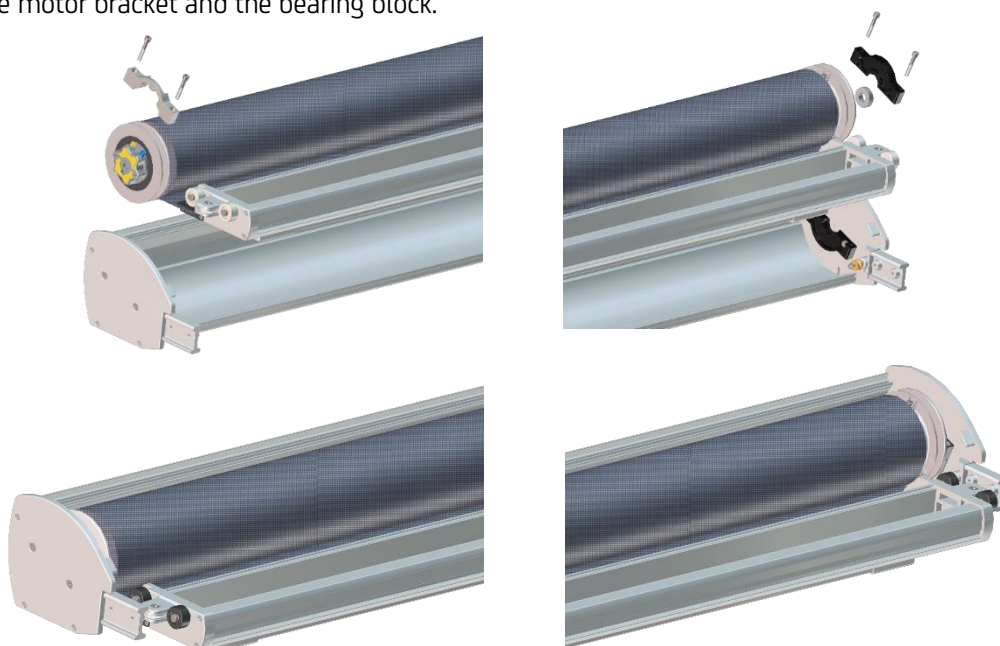
11. Apply the stickers showing maximum stretch of the spring in the front profile. A spring may be stretched up to 60% of its original length.  
 In case of a short spring (length 35 cm), apply the redline of the sticker at 56 cm from the side of the front profile.  
 In case of a long spring (length 57 cm), apply the redline of the sticker at 91 cm from the side of the front profile.



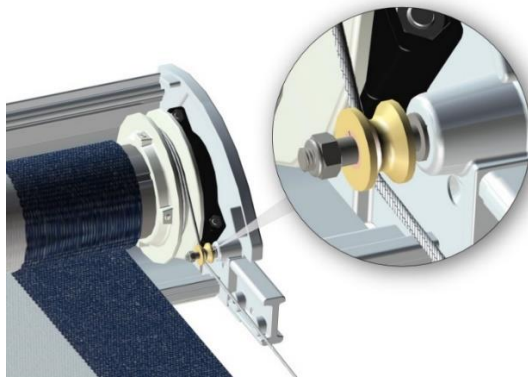
12. Pass the cord through the guide block in the front profile. Allow a loop to extend from the front profile. Neatly roll up the rest of the cord and lay it into the front profile.



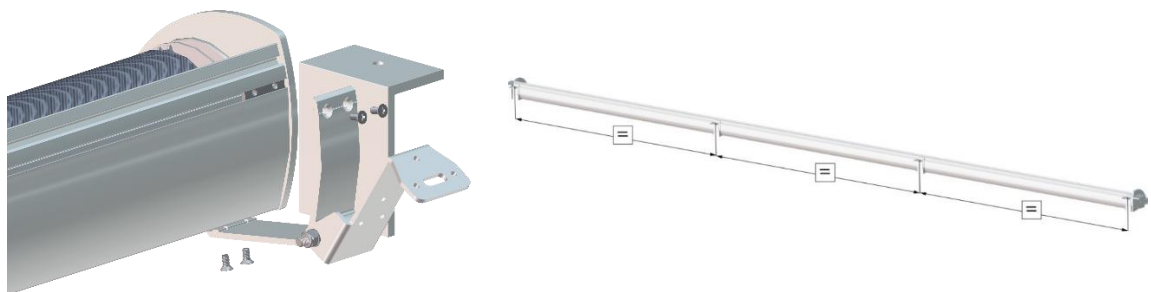
13. Disassemble the top part of the aluminium motor support and the bearing block. Place the complete internal mechanism with front profile into the bottom cover. Fasten the entire core with the top part of the motor bracket and the bearing block.



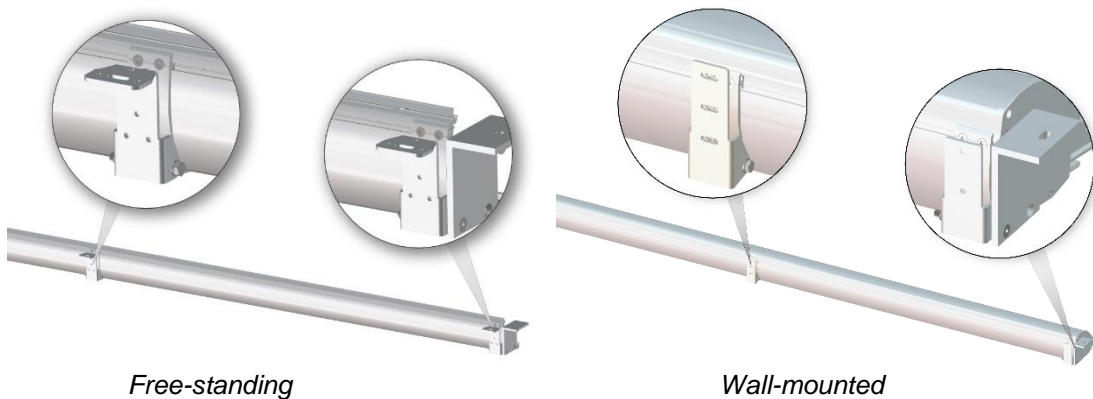
14. Control the cord pulleys are straight in front of the wheel on the top cover support. The cord rolls bottom wise.



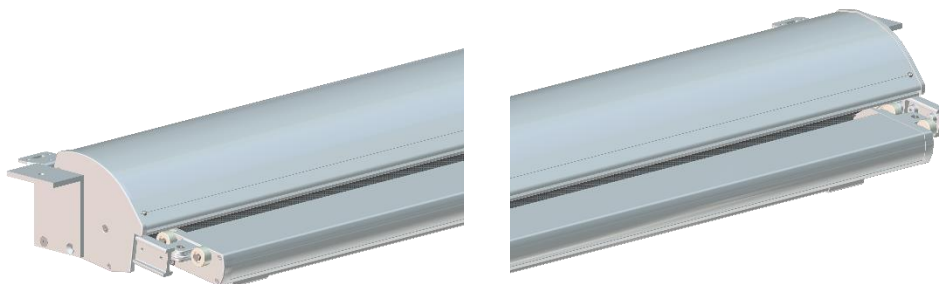
15. Install the mounting brackets on the bottom cover. The number of the mounting brackets depend on the width of the system (see page 3). Place the outer mounting brackets against the top cover support. Divide the central brackets over the length of the cassette.



16. Use the mounting brackets below.



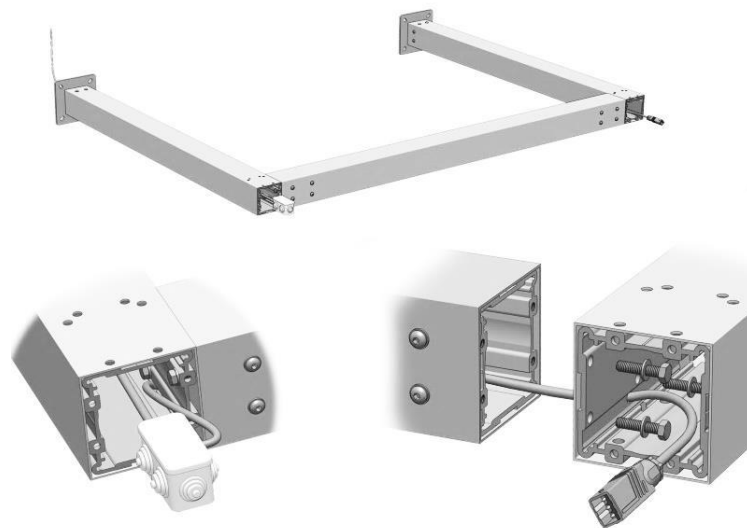
17. Install the top cover on the cassette and fasten it with self-drilling screws 4,2x13 mm. Click the cover profile front profile on the front profile. The cassette is ready for transport.



## Installation Cubola® Solidare®

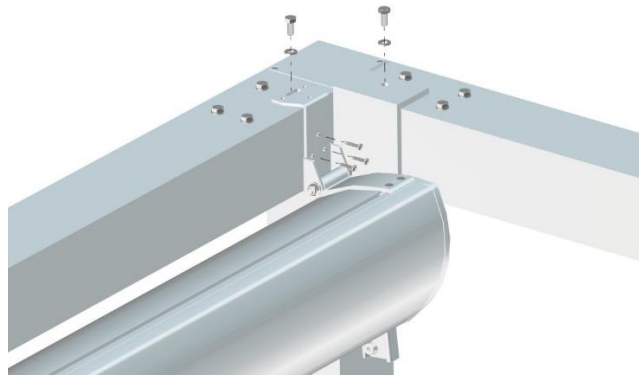
### Installation free-standing Cubola® Solidare®

1. Measure the positions of the legs on the floor. Various means of floor mounting are possible, depending on the situation. For example: on concrete pads, foundation or existing floor. Mounting on concrete pads is assumed for the purposes of these instructions
2. Dig 4 holes and place 4 concrete pads. Place these at the right height, taking the ground level and adjusting option on the concrete pad into account.
3. Fasten 2 legs to the support beam. This forms the side (motor-side) of the Cubola through which the cables are fed.
4. Ensure that a control cable for the valance system is fed through the beam.
5. Connect a control plug to the cable at the front of the system.
6. At cassette side, fasten a control plug to the motor cable. Connect the control plug and let it drop into the leg.
7. From the base plate leg, pass a (floor)cable, which is connected to the network until the top of the electrical box.

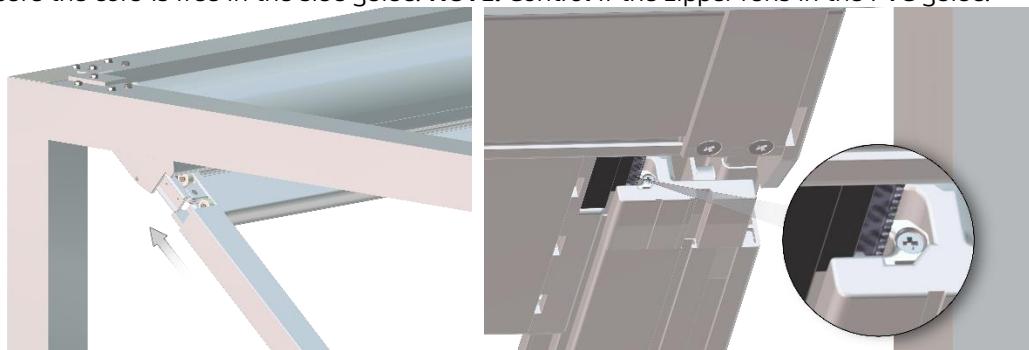


8. Fasten wall mounting beams to the 2 concrete bases, ensure that the (floor)cable below is free (adjust the adjusting plate at small height above the concrete base). Install the arch levelled onto the 2 concrete bases.
9. Assemble a corner from the support beam and the leg. No wiring is conducted here. Place this corner on the next concrete base and connect it to the installed arch. This is the rear beam of the system.
10. Make the next corner and install it on the next concrete base and connect it to the installed corner. This will be the non-operating side. Do not yet fasten the leg on concrete base.
11. Place the front support beam between the opening.
12. Feed the motor cable through the hole in the leg.
13. Fasten the front support beam with the M8x35 bolts.
14. Fasten a control plug to the motor cable. Connect the control plug and let it drop into the leg.
15. Measure the system diagonally, move the concrete pads if necessary to achieve the perfect position. Also set the exact height of the adjusting plate.
16. Fasten the adjusting plate to the concrete base.
17. Place covers on the legs, let the leg with control plug and floor cable open, so the cassette can be connected.
18. Remove the 2 bolts from the top of the support beams on which the cassette will be placed. Place the cassette on the support beams and fasten using the 2 removed inner bolts

19. Tilt the cassette and pre-drill holes. To the 2 central brackets belong 6 self-drilling screws. Pre-drill these holes also before fastening.



20. Stick the wheels of the guide block in the side guide and slide the side guide onto the top cover support, make sure the cord is free in the side guide. **NOTE:** Control if the zipper runs in the PVC guide.

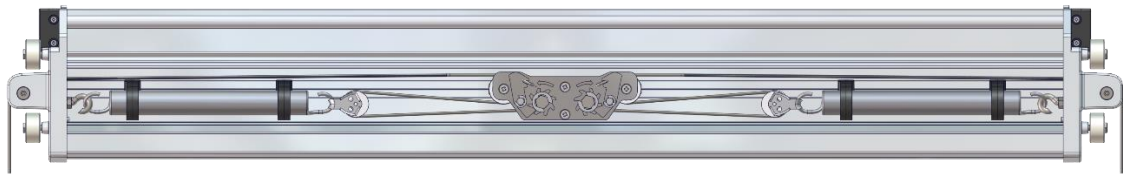


21. Fasten the side guide through the pre-drilled holes with cylinder plate screws M6x14. Put the side guides on the floor.
22. Pull the knot of the cord over the wheel. **NOTE:** Make sure the cord is not tangled, the cord runs from the top cover support bottom wise over the wheel. Fasten the bearing block with hexagon bolt M6x16.
23. Drop down the valance system and lift the guides on the front profile.
24. Fasten the front profile to the end pieces of the guides.



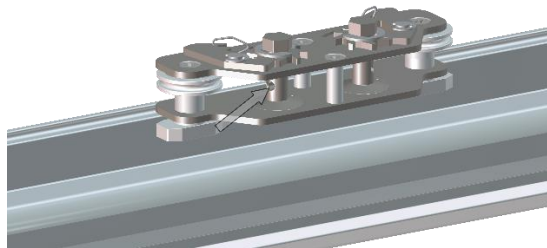
## Installation Cubola® Solidare®

25. Feed the cord through the front profile as shown below.

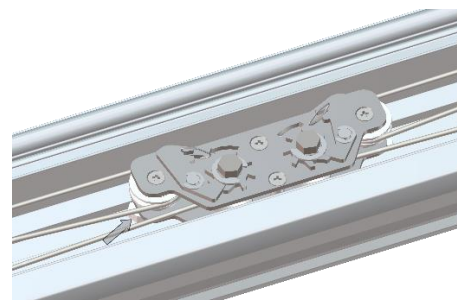


26. Remove the cord tensioner from the front profile for easier positioning of the cord on the wheels. Insert the cord through the hole in the cord tensioner and pull lightly to tension. Make a knot in the cord at around 25 cm behind the hole. Cut off the cord after the knot.

**Note:** Check that the cord runs smoothly over the wheels within the system.



27. Place the cord tensioner in the front profile and fasten it by turning the PVC guide blocks with a screwdriver. Tension the system, turning in the direction as shown on the cord tensioner. **Note:** Every spring may be stretched to a maximum of 60% of its own length.

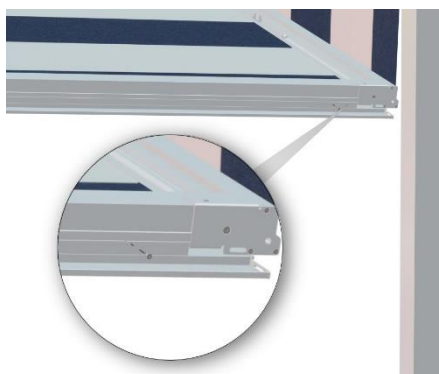


28. Let the fabric run in and out a couple of times to check the correct functioning.

29. Also check that the springs are not stretched too far.

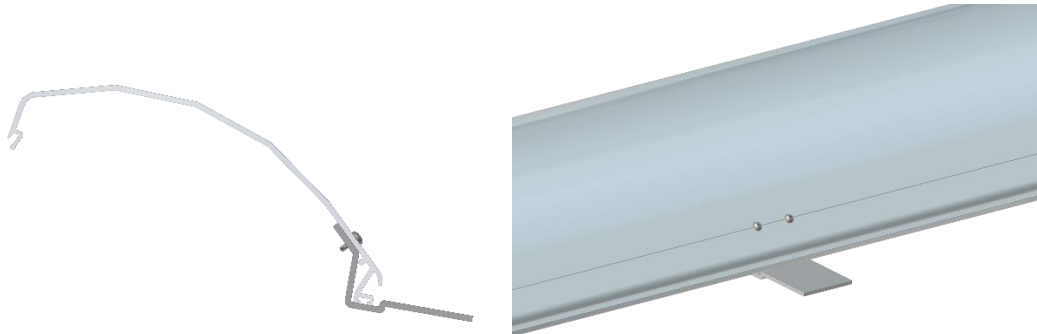
30. Hook the gutter onto the side guide (optional) and click it.

31. Fasten the optional gutter to the side guide with self-drilling screws.



## Installation Cubola® Solidare®

32. Screw (for Solidare Pergola awnings larger than 4,0 meter) the top cover extension on the top cover with self-drilling screw 4,2x13 mm. Install the top cover and fasten it with self-drilling screw 4,2x13 mm and click the caps.



33. Hook the top cover extension with bristle onto the top cover and fasten it on the outside in the side guide with self-drilling screw 4,2x25 mm and click the caps.

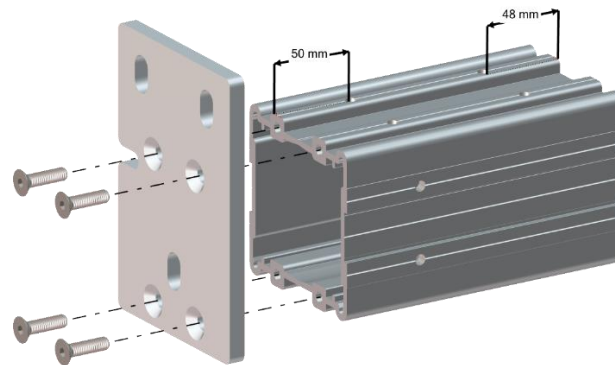


## Installation Cubola® Solidare®

### Installation wall-mounted Cubola® Solidare®

Decide before placing the Cubola Solidare whether the existing building is suitable to install the Cubola Solidare system (have it judged by an architect). Ensure adequate mounting material for the combination wall and Cubola Solidare.

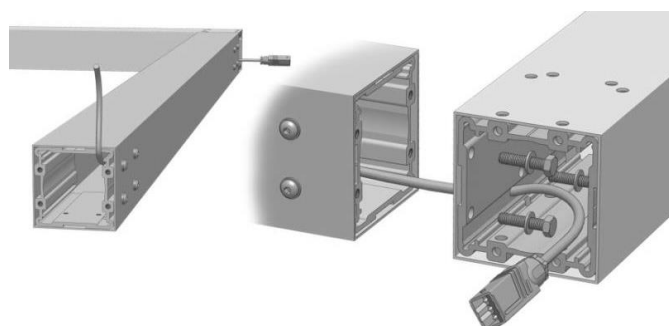
1. Screw the wall mounting plate to the corner profile. The distance between the wall mounting plate and the first hole with screw-thread is then 50 mm.



2. Measure the positions of the wall mounting bracket on the wall. Drill holes for fasteners. Ask your supplier for advice (in the wall supports is space for 3x M12 bolts (opening 14 mm)).
3. Attach the wall brackets to the wall and ensure that the brackets are level with one another. Limited correction of the position is possible by sliding the brackets in the length holes. The bottom of the wall plate is equal to the height of the bottom of the beams.



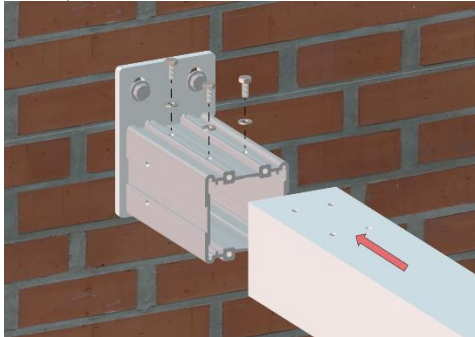
4. Measure the positions of the legs on the floor. Various means of floor mounting are possible, depending on the situation. For example: on concrete pads, foundation or existing floor.
5. Fasten 2 wall mounting beams to the legs to create a corner structure.
6. Ensure that one of the corners is fitted with a control cable for the valance system. Feed the cable through the beam.
7. Connect the leg to the beam from the inside using M8x35 bolts.
8. Connect a control plug to the cable on the leg side.



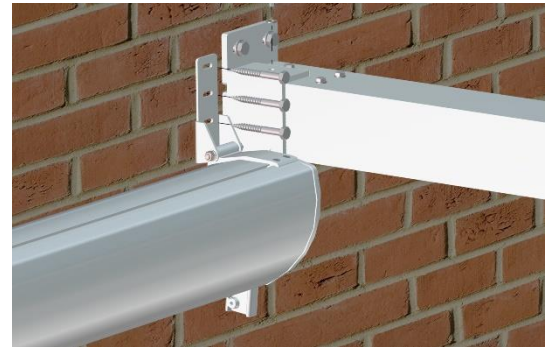
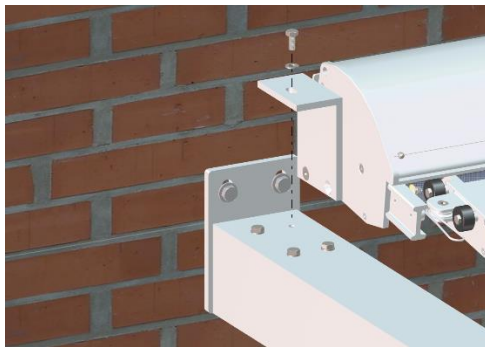


## Installation Cubola® Solidare®

9. Slide the fitted corner assembly to the mounted wall bracket. When doing so, ensure that the control cable is drawn out through the opening in the wall bracket
10. Fasten the support beam to the top using the 3 bolts. Fasten the other bolt when the cassette is placed on the system.



11. Don't yet fasten on the adjusting plate side.
12. Place the front beam between the 2 placed corners.
13. Feed the motor cable through the hole in the leg.
14. Fasten the front beam with the M8x35 bolts. When doing so, keep the profiles closely together at the front.
15. Fasten a control plug to the motor cable. Connect the control plug and let it drop into the leg.
16. Measure the system diagonally, move the concrete base if necessary to achieve the perfect position. Also set the exact height of the adjusting plate.
17. Fasten the adjusting plate to the concrete base.
18. Install the cover on the legs.
19. Install the cassette unit between the beams and fasten the inner bolt in the beam. Tilt the cassette and fasten the bracket on the wall plate with plate screw M6x12.

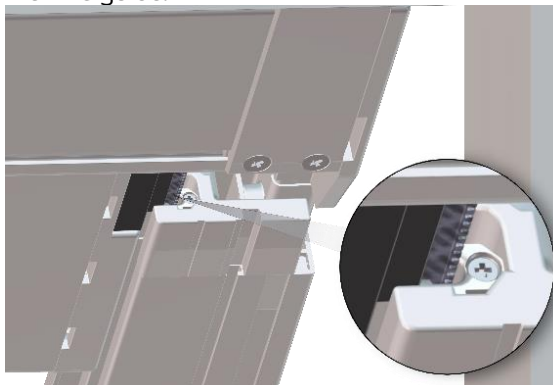


20. Tilt the cover forward and mark the holes. Drill holes for fasteners. Ask your supplier for advice. Fasten the screws in the wall.



## Installation Cubola® Solidare®

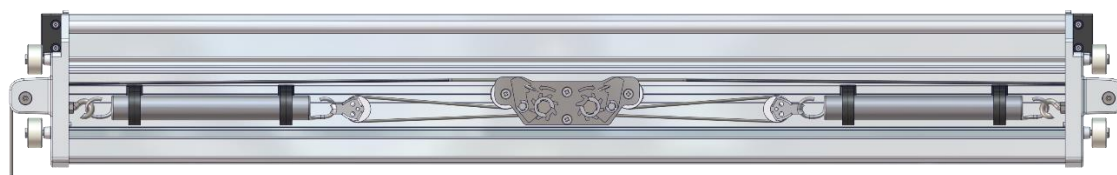
21. Position the side guide to the front profile and make sure the cord is free in the side guide. **NOTE:** Control if the zipper runs in the PVC guide.



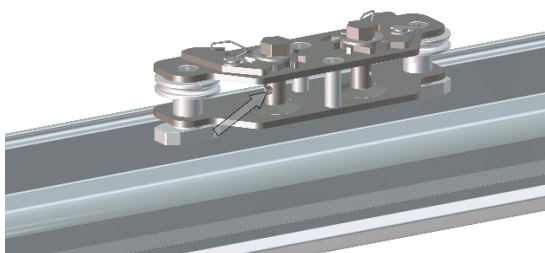
22. Fasten the side guide through the pre-drilled holes with cylinder metal screws M6x14. Leave the side guides on the floor.
23. Pull the knot of the cord over the wheel. **NOTE:** Make sure the cord is not tangled, the cord runs from the top cover support bottom wise over the wheel.
24. Drop down the valance system and lift the guides on the front profile.
25. Fasten the front profile on the end parts of the side guides.



26. Feed the cord through the front profile as shown below.



27. Remove the cord tensioner from the front profile for easier positioning of the cord on the wheels. Insert the cord through the hole in the cord tensioner and pull lightly to tension. Make a knot in the cord at around 25 cm behind the hole. Cut off the cord after the knot.
- Note:** Check that the cord runs smoothly over the wheels within the system.



## Installation Cubola® Solidare®

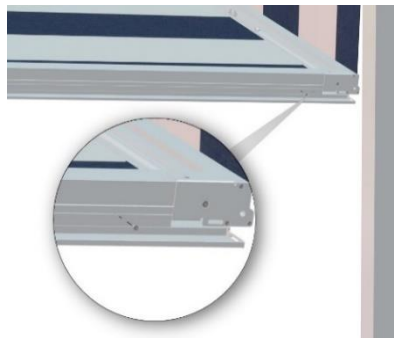
28. Place the cord tensioner in the front profile and fasten it by turning the PVC guide blocks with a screwdriver.

Tension the system, turning in the direction as shown on the cord tensioner.

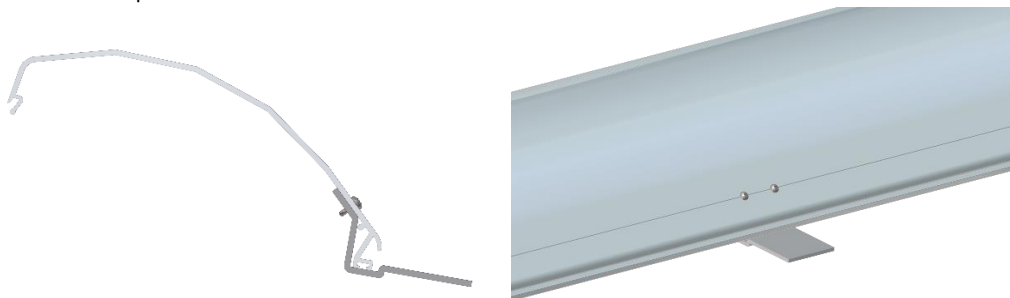
**Note:** Every spring may be stretched to a maximum of 60% of its own length.



29. Let the fabric run in and out a couple of times to check the correct functioning.  
 30. Also check that the springs are not stretched too far.  
 31. Hook the cover onto the front profile and click it.  
 32. Hook the optional gutter onto the side guide and fasten it with self-drilling screws .



33. Screw (for Solidare Pergola awnings larger than 4,0 meter) the top cover extension on the top cover with self-drilling screw 4,2x13 mm. Install the top cover and fasten it with self-drilling screw 4,2x13 mm and click the caps.

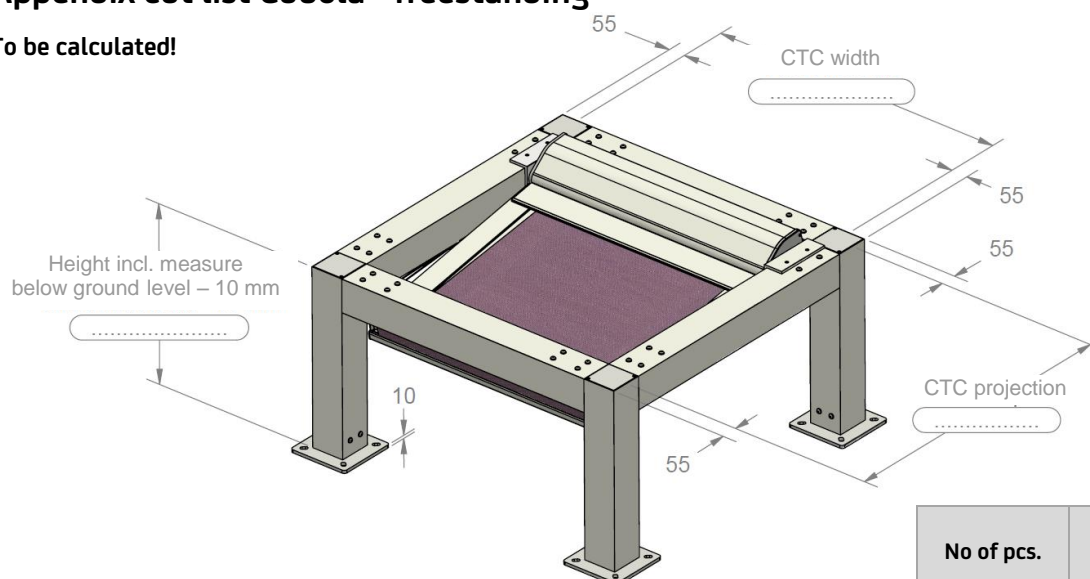






















34. Hook the top cover extension with bristle onto the top cover and fasten it on the outside in the side guide with self-drilling screw 4,2x25 mm and click the caps.



## Appendix cut list Cubola® freestanding

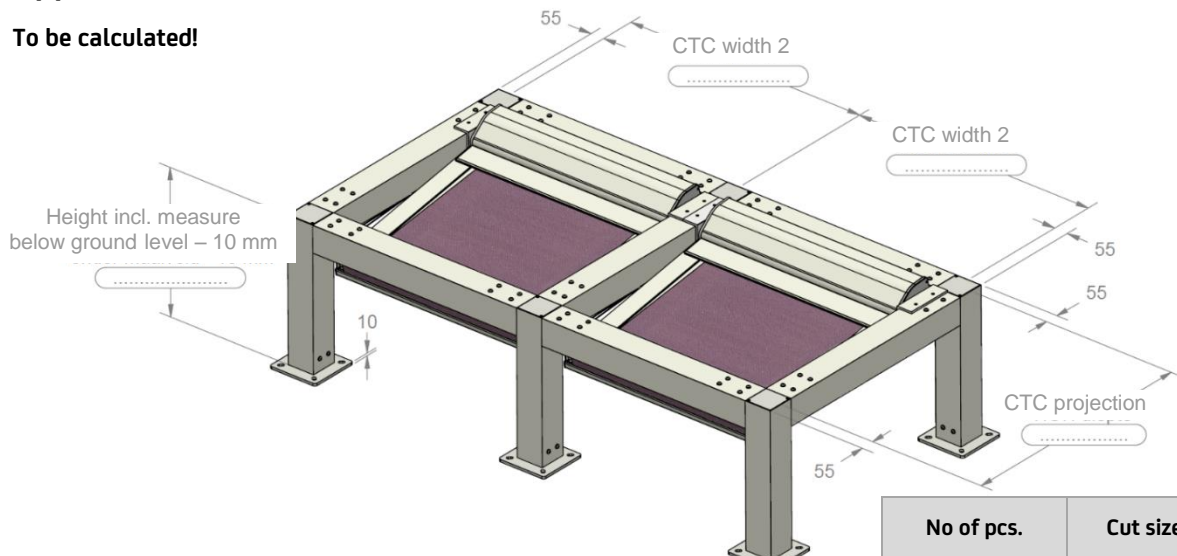
To be calculated!























			No of pcs.	Cut size
CTC projection per unit		Projection – <b>110</b> mm		
CTC width per unit		Width – <b>110</b> mm		
Width beam		CTC width – <b>110</b> mm	1	
Front beam		CTC width – <b>110</b> mm	1	
Mounting part front		CTC width – <b>116</b> mm	1	
Front profile		CTC width – <b>135</b> mm	1	
Roller 85 Somfy/ASA		CTC width – <b>195</b> mm	1	
Roller 63 Somfy/ASA		CTC width – <b>160</b> mm / - <b>175</b> mm	1	
Front profile		CTC width – <b>324</b> mm	1	
Cover profile front profile		CTC width – <b>325</b> mm	1	
Tension-wire		CTC width – <b>484</b> mm	1	
Cover profile tension system		CTC width – <b>598</b> mm	1	
Bottom cover		CTC width <b>152</b> mm	1	
Top cover		CTC width – <b>153</b> mm	1	
Top cover extension		CTC width – <b>153</b> mm	1	
Projection beam		CTC projection – <b>110</b> mm	2	
Side guide		CTC projection – <b>345</b> mm	2	
PVC guide		CTC projection – <b>320</b> mm	2	
Gutter		CTC projection – <b>250</b> mm	2	
Leg		Height + measure below ground level – <b>10</b> mm	4	
Fabric with zipper in cassette		CTC width – <b>252</b> mm	1	
		CTC projection + <b>0</b> mm		
2 Fabrics in beam		CTC width – <b>250</b> mm / 2	2	
		Fixed measure = <b>800</b> mm		

## Appendix cut list Cubola® Solidare® connected

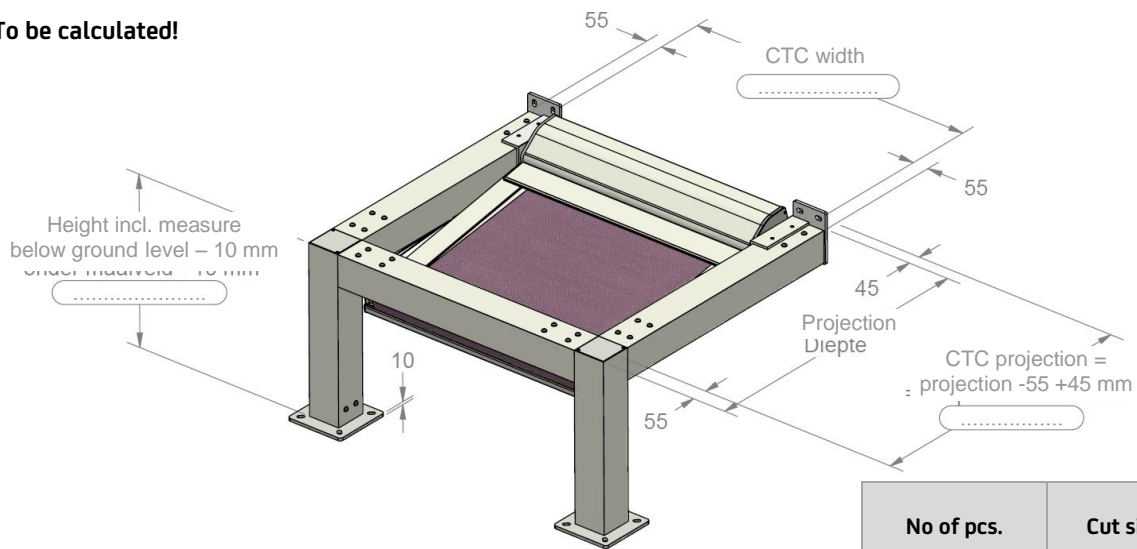
To be calculated!























			No of pcs.	Cut size
CTC projection per unit		Projection – 10 mm		
CTC width per unit		Width – 55 mm		
Width beam		CTC width – 110 mm	2	
Front beam		CTC width – 110 mm	2	
Mounting part front		CTC width – 116 mm	2	
Front profile		CTC width – 135 mm	2	
Roller 85 Somfy/ASA		CTC width – 195 mm	2	
Roller 63 Somfy/ASA		CTC width – 160 mm / - 175 mm	2	
Front profile		CTC width – 324 mm	2	
Cover profile front profile		CTC width – 325 mm	2	
Tension-wire		CTC width – 484 mm	2	
Cover profile tension system		CTC width – 598 mm	2	
Bottom cover		CTC width 152 mm	2	
Top cover		CTC width – 153 mm	2	
Top cover extension		CTC width – 153 mm	2	
Projection beam		CTC projection – 110 mm	3	
Side guide		CTC projection – 345 mm	4	
PVC guide		CTC projection – 320 mm	4	
Gutter		CTC projection – 250 mm	4	
Leg		Height + measure below ground level – 10 mm	6	
Fabric with zipper in cassette		CTC width – 252 mm	2	
		CTC projection + 0 mm		
2 Fabrics in beam		CTC width – 250 mm / 2	4	
		Fixed measure = 800 mm		

## Appendix cut list Cubola® Solidare® wall-mounted

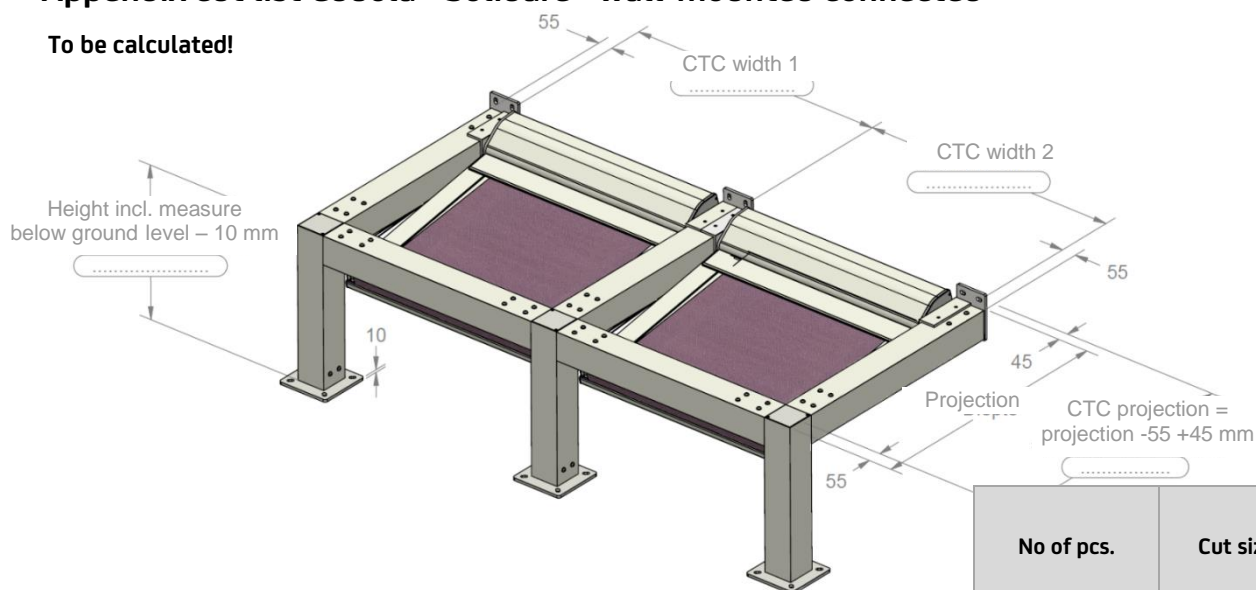
To be calculated!























			No of pcs.	Cut size
CTC projection per unit		Projection – <b>10</b> mm		
CTC width per unit		Width – <b>110</b> mm		
Width beam		CTC width – <b>110</b> mm	1	
Front beam		CTC width – <b>110</b> mm	1	
Mounting part front		CTC width – <b>116</b> mm	1	
Front profile		CTC width – <b>135</b> mm	1	
Roller 85 Somfy/ASA		CTC width – <b>195</b> mm	1	
Roller 63 Somfy/ASA		CTC width – <b>160</b> mm / - <b>175</b> mm	1	
Front profile		CTC width – <b>324</b> mm	1	
Cover profile front profile		CTC width – <b>325</b> mm	1	
Tension-wire		CTC width – <b>484</b> mm	1	
Cover profile tension system		CTC width – <b>598</b> mm	1	
Bottom cover		CTC width <b>152</b> mm	1	
Top cover		CTC width – <b>153</b> mm	1	
Top cover extension		CTC width – <b>153</b> mm	1	
Projection beam		CTC projection – <b>110</b> mm	2	
Side guide		CTC projection – <b>345</b> mm	2	
PVC guide		CTC projection – <b>320</b> mm	2	
Gutter		CTC projection – <b>250</b> mm	2	
Leg		Height + measure below ground level – <b>10</b> mm	2	
Fabric with zipper in cassette		CTC width – <b>252</b> mm	1	
		CTC projection + <b>0</b> mm		
2 Fabrics in beam		CTC width – <b>250</b> mm / 2	2	
		Fixed measure = <b>800</b> mm		

## Appendix cut list Cubola® Solidare® wall-mounted connected

To be calculated!



			No of pcs.	Cut size
CTC projection per unit		Projection – 10 mm		
CTC width per unit		Width – 55 mm		
Width beam		CTC width – 110 mm	2	
Front beam		CTC width – 110 mm	2	
Mounting part front		CTC width – 116 mm	2	
Front profile		CTC width – 135 mm	2	
Roller 85 Somfy/ASA		CTC width – 195 mm	2	
Roller 63 Somfy/ASA		CTC width – 160 mm / - 175 mm	2	
Front profile		CTC width – 324 mm	2	
Cover profile front profile		CTC width – 325 mm	2	
Tension-wire		CTC width – 484 mm	2	
Cover profile tension system		CTC width – 598 mm	2	
Bottom cover		CTC width – 152 mm	2	
Top cover		CTC width - 153 mm	2	
Top cover extension		CTC width – 152 mm	2	
Projection beam		CTC width – 110 mm	3	
Side guide		CTC projection – 345 mm	4	
PVC guide		CTC projection – 320 mm	4	
Gutter		CTC projection – 250 mm	4	
Leg		Height + measure below ground level – 10 mm	3	
Fabric with zipper in cassette		CTC width – 252 mm	2	
		CTC projection + 0 mm		
2 Fabrics in beam		CTC width – 250 mm / 2	4	
		Fixed measure = 800 mm		