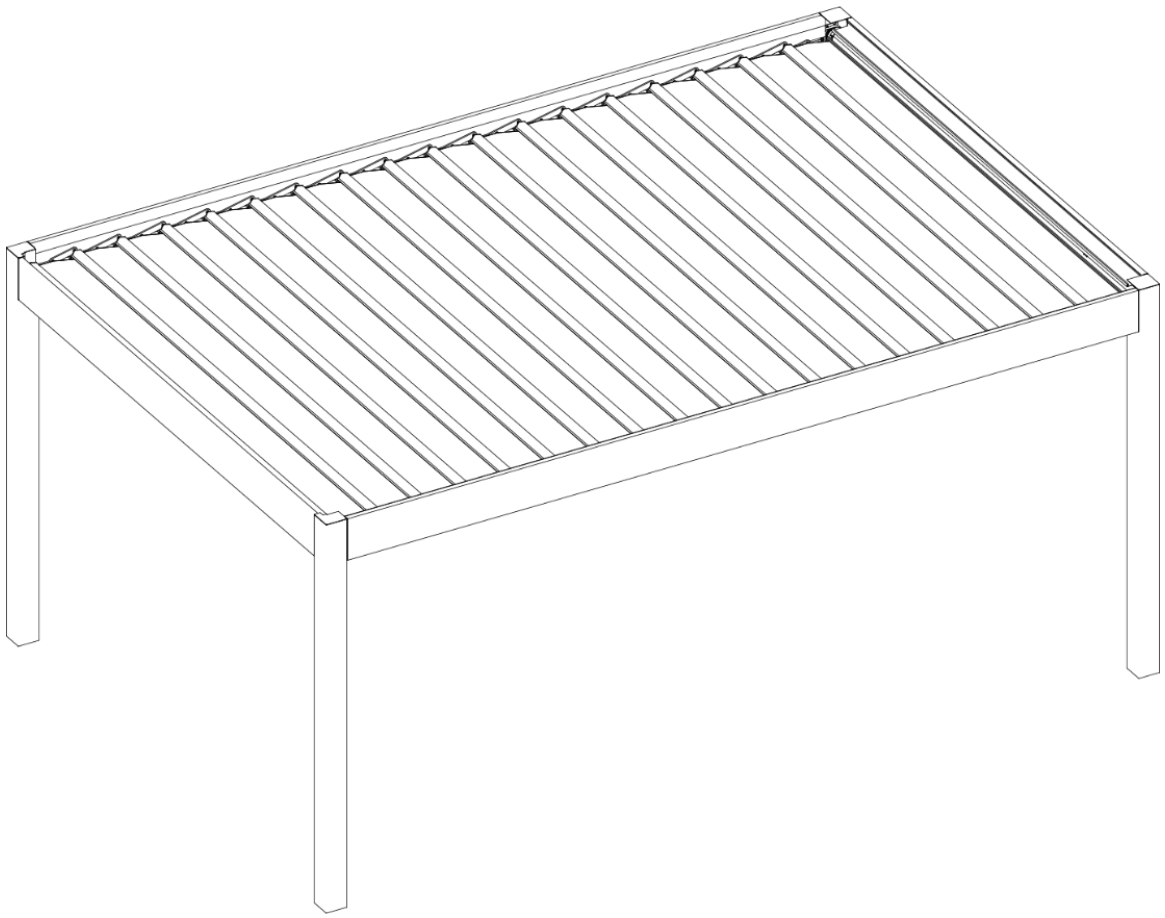
DEPONTI THE BEST AT HOME

User manual / Assembly instructions Deponti Veranda

Type Pinela Deluxe Plus

Versie: EN – November 2024



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Contents

1. Introduction

Congratulations on the purchase of your Deponti veranda!
Before you can start enjoying your veranda it must be assembled properly. This manual provides clear instructions for all the steps you must complete for correct assembly of your Deponti veranda. We recommend that you take the time to read the entire manual before you begin assembly.

Check whether you have received all the necessary parts before you begin assembly. For your safety, follow all the applicable instructions. This also guarantees the safety of the installed veranda. If you should have any questions, please feel free to contact your Deponti partner.

READ CAREFULLY

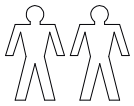
This manual should be kept in a safe, dry and shady place. In the event of damage or loss, the user must request a new copy of the manual from the Deponti partner.

2. Safety precautions and warnings

Important: Please read the safety precautions and warnings before assembling the veranda.

- During assembly, carefully follow the instructions and guidelines as described in this manual. Never change the order of the steps to be performed. If any aspect of the assembly procedure is unclear, please contact your Deponti partner. We reserve the right to make technical changes without written notice.

- We normally recommend that the veranda must be assembled by at least two people (qualified technicians/authorized installers) working together.



- We recommend using material lifts when installing the gutters.

- Check the delivery immediately upon receipt. In the event of damage or an incomplete delivery please contact your Deponti partner immediately.

- The materials must be stored in a dry, ventilated area, not exposed to direct sunlight.

- Open the packaging carefully. Make sure that you do not damage the product.

2. Safety precautions and warnings (continued)

- To avoid damage to your veranda, place the components on a soft, clean and flat surface.
- Adding or removing parts, the use or installation of materials. other than described in this manual, may adversely affect the safety of the veranda and is therefore strongly discouraged!
- Cordon off the assembly location so that others are kept at a safe distance.
- Always wear the correct protective clothing (work gloves, dust mask, safety glasses, shoes with non-slip soles, etc.) during installation or servicing.
- Always place a ladder on a firm, stable surface.
- Mount the system against a firm, flat wall and on a flat and stable foundation. Ensure that the wall and the ground are clean and dry.
- Never stand on the slats.
- For wall mounting: mount the system against a solid and level wall and on a flat stable foundation or stone ground. Make sure wall and ground are clean and dry.
- Make sure all fasteners are properly tightened. Check this regularly.
- Make sure you have used sealant on the veranda so it is completely waterproof.
- You must maintain and clean your veranda at least once a year.
- For cleaning and washing, use plenty of water, soft material and a sponge. Use only neutral cleaning agents. No acids or alkalis. However, solvents (washing-up liquid and Glassex) are permitted to remove greasy dirt.
- Dispose the product in accordance with local laws and regulations.
- Deponti B.V. accepts no liability for damage or injury caused by not (strictly) observing the safety regulations and instructions in this manual, or by negligence during assembly, use and maintenance of the product and any accompanying accessories. Deponti B.V. is not responsible for any damages.

3. Product description

The aluminium veranda type Pinela Deluxe Plus is composed of posts, gutter profiles, beams, slats, cover strips, cover plates and the necessary assembly materials. As standard, this veranda is equipped with LED lighting.

The Deponti veranda Pinela Deluxe Plus is as standard available in widths of 3124, 3445, 4088, 5052, 6016 or 6980 mm. There is no limit to the number of sections that can be joined end to end. The veranda can have a projection of 3000, 3500, 4000 or 4500 mm deep.

Details

Gutter profile	145 mm x 300 mm
Posts	150 mm x 150 mm
Colours	Traffic white structure (RAL9016), Anthracite structure (RAL7024) or Black structure (RAL9005)
Roof covering	Aluminium slats
Maximum height	2.8m
Width (mm)	3124/3445/4088/5052/6016/ 6980
Projection (mm)	3000/3500/4000/4500
LED lighting*	Warm white 2700K, 8 W/m, cutting length 6 LEDs/50 mm

*Optionally available without LED. Using the optional LED cover strip, the LED strips can be covered.

A Deponti veranda can be installed on any existing foundation or stone surface. Order the additional blind mounting base in our portal.

3.1 Snow and wind loads

The table summarises the maximum net snow and wind loads per veranda configuration. The values are based on a reference period of 50 years, consequence class CC1, based on a maximum deflection of L/200 at maximum load of the aluminium components based on EN 1990. Roof glass is based on the DIN 18008

The table below is based on a maximum height of 2.8m from floor to top of gutter. Different wind/snow loads apply for longer posts. Closing the side walls may affect the maximum wind load that the veranda can handle. The net snow load on the roof follows from the sk value (location-dependent), with correction factors for, among other things, the shape of the veranda, its position in relation to other structures and the envisaged service life of the veranda.

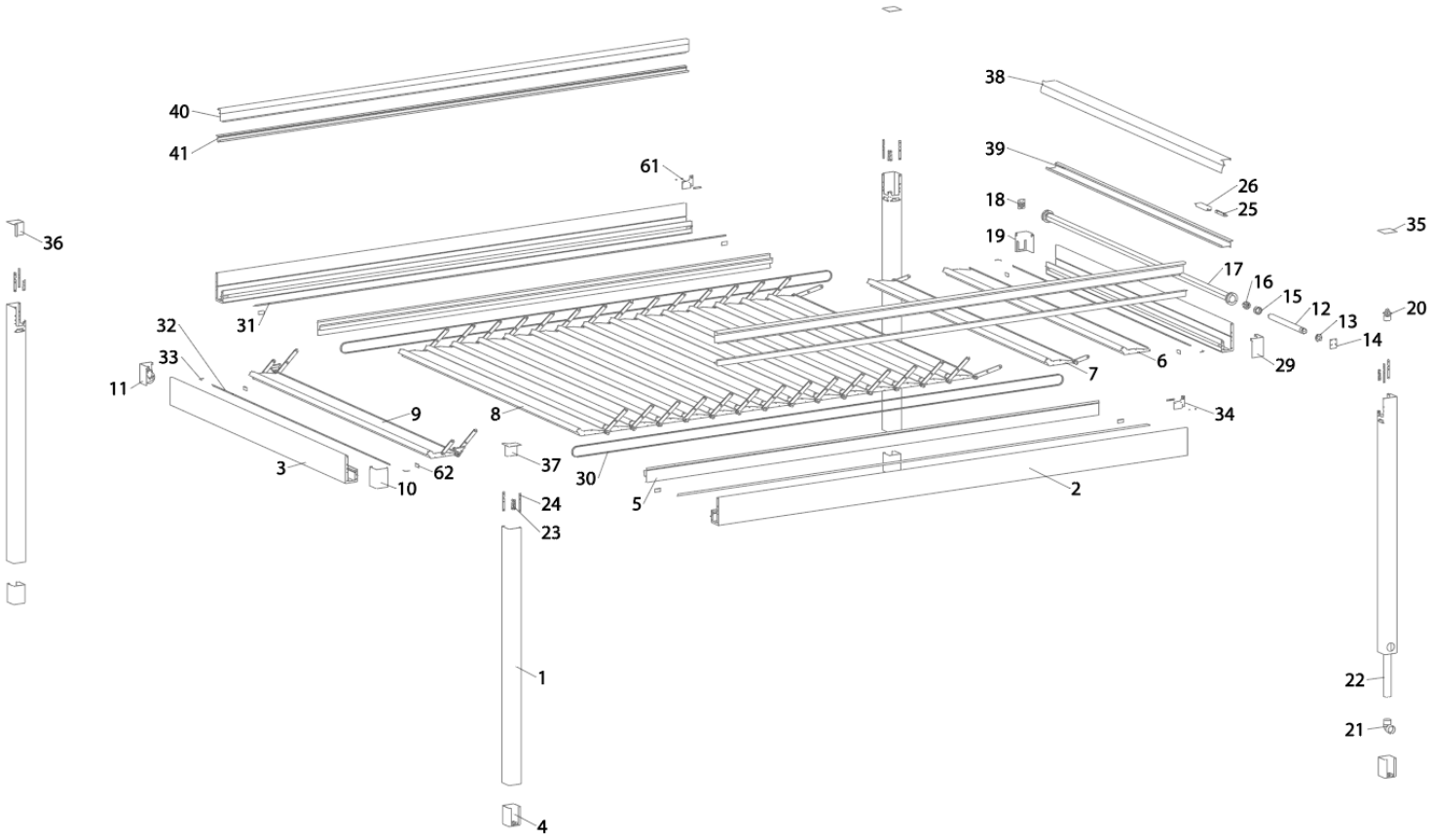
Pinela Deluxe Plus

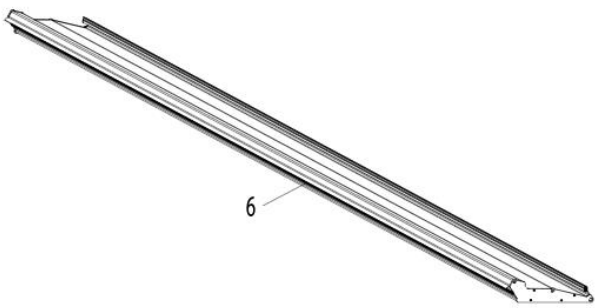
Dimensions of veranda	Max. load downwards		Max. wind suction
(width x projection)	(kN/m2)	(kg/m2)	(kN/m2)
3124 x 3000 mm	3,10	316,0	1,22
3445 x 3000 mm	3,10	316,0	1,22
4088 x 3000 mm	3,10	316,0	1,22
5052 x 3000 mm	3,10	316,0	1,22
6016 x 3000 mm	2,47	251,8	1,22
6980 x 3000 mm	1,49	151,9	1,22
3124 x 3500 mm	1,81	184,5	2,05
3445 x 3500 mm	1,81	184,5	2,05
4088 x 3500 mm	1,81	184,5	2,05
5052 x 3500 mm	1,81	184,5	2,05
6016 x 3500 mm	1,81	184,5	2,05
6980 x 3500 mm	1,26	128,4	1,63
3124 x 4000 mm	1,12	114,2	1,38
3445 x 4000 mm	1,12	114,2	1,38
4088 x 4000 mm	1,12	114,2	1,38
5052 x 4000 mm	1,12	114,2	1,38
6016 x 4000 mm	1,12	114,2	1,38
6980 x 4000 mm	1,08	110,1	1,38
3124 x 4500 mm	0,72	73,4	0,98
3445 x 4500 mm	0,72	73,4	0,98
4088 x 4500 mm	0,72	73,4	0,98
5052 x 4500 mm	0,72	73,4	0,98
6016 x 4500 mm	0,72	73,4	0,98
6980 x 4500 mm	0,72	73,4	0,98

Maximum load is the characteristic value without safety factors or reduction through the reference period.

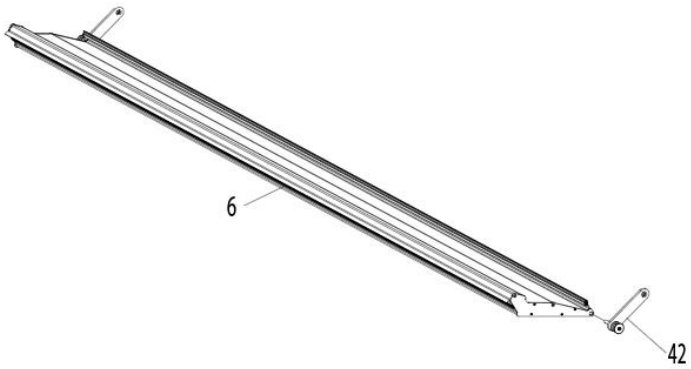
4. Parts overview

4.1 Exploded-view

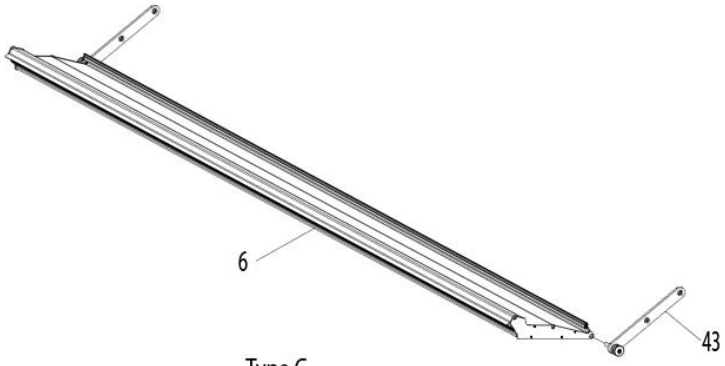




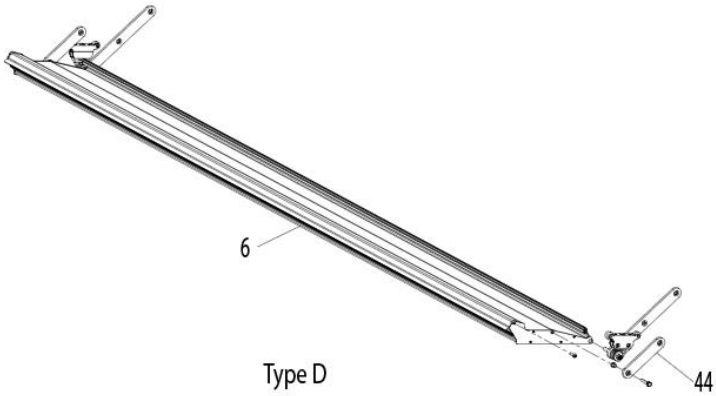
Type A



Type B



Type C



Type D

Overview of the types of slats

Type A: standard slat (nr. 6)

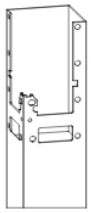
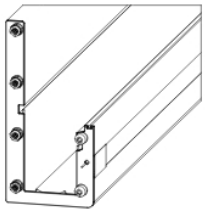
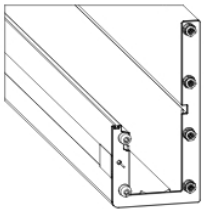
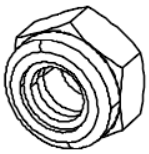
Type B: standard slat with hinge rod set B (nr. 42)

Type C: standard slat with hinge rod set C (nr. 43)

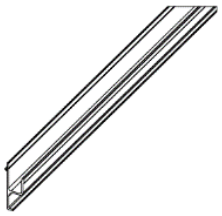
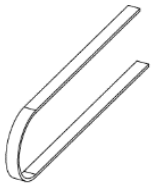
Type D: standard slat with hinge rod set D (nr. 44)

4.2 Parts list

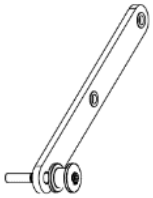
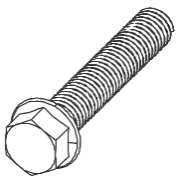
Carefully check the individual packaging units against the order form for quantity and quality. Any visible defects must be reported in writing within 7 days of delivery.

			
01. Post	02. Gutter profile projection	03. Gutter profile width	06/07/08/09. Slat
			
51. Lock nut M10	63. Washer M10	64. Hexagon socket head screw M10x35	

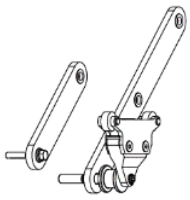
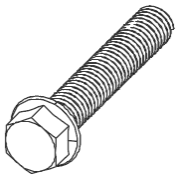
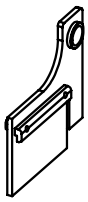
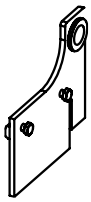
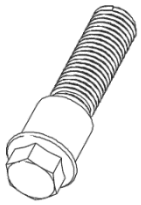
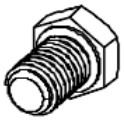
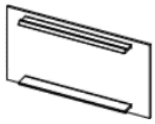
Running profile package

		
05. Running profile	30. Toothed belt	50. Plate screw ST5,5x13

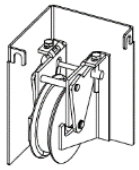
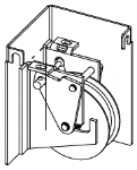
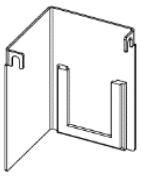
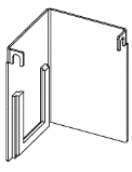
Hinge rod C package

		
43. Rod set slat type C	46. Hexagonal flange bolt M8x55	47. Distance bus slat

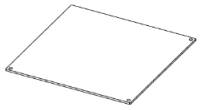
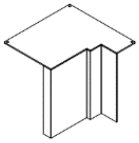
Hinge rod A, B, D package

			
42. Rod set slat type B	44. Rod set slat type D	46. Hexagonal flange bolt M8x55	47. Distance bus slat
			
34. Suspension slat type A left	61. Suspension slat type A right	45. Screw slat type A	49. Hex bolt M6x10
			
62. End cap LED window			

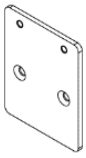
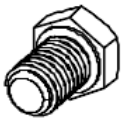
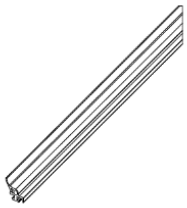
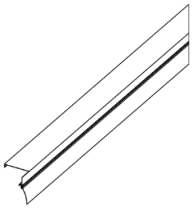
Tyre tensioner corner pieces package

			
10. Clamping device left	11. Clamping device right	19. Post housing right	29. Post housing left

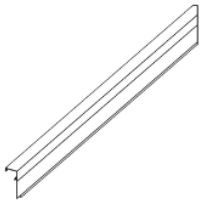
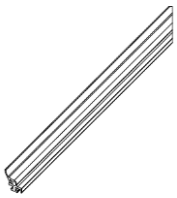
Post caps package

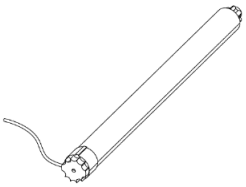
			
35. Post cover plate	36. Post cover right	37. Post cover left	59. Plate screw ST3,5x9,5

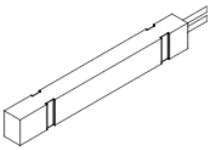
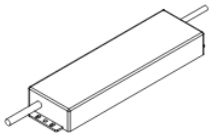
Projection package

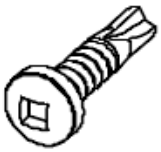
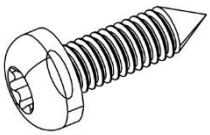
			
17. Tube	18. Mounting plate bearing housing	14. Mounting plate motor	48. Countersunk screw M6x10
			
49. Hex bolt M6x10	31. Gutter rubber projection	38. Electronics cover	39. Support profile electronics

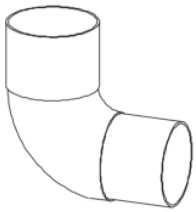
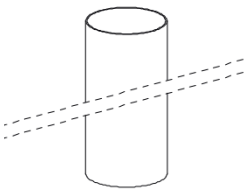
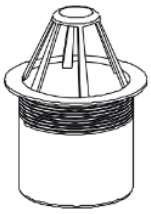
Width package

		
40. Brush profile	41. Support profile carriage	32. Gutter rubber width

			
12. Tubular motor	13. Motor adapter	15. Tube adapter	16. Tracker

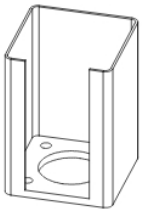
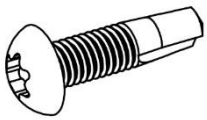
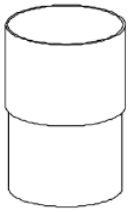
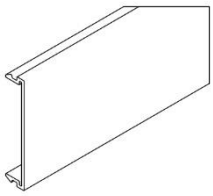
			
23. Pressure distribution plate small	24. Pressure distribution plate large	25. Somfy IO receiver for white LEDs	26. Power supply LED

			
33. Gutter rubber connection pin	58. Self-drilling sheet metal screw ST4,2x19	Screw ST2,9x9,5mm	57. Lip lock plate

			
21. 90° RWD bend	22. RWD pipe Ø80 mm	20. Leaf catcher Ø80 mm	27. Scotchlok


28. Remote control Somfy Situo 5 IO

Optional

			
04. Mounting base	Screw 6,3x25mm	HWA socket	LED cover strip

5. Preparation for assembly

5.1 Conditions for assembly

Ground & façade

- A good flat stable surface is required for construction of the veranda.
- The location where the roof will be placed must be construction-ready and free of obstacles (garden furniture, flower boxes, etc.) so installers can perform their work without hindrance.
- Any obstacles, including utility lines (such as power cables, etc.), roots and debris, must have been removed from the ground.
- The façade must be free of sun shades, etc.
- The place where the wall profile will be placed must be firm, even and flat.

Posts & connecting verandas

- The maximum distance between posts is 7 metres.
- For linked verandas, separate connectors should be used.

Attachments at walls

- Due to expansion of the materials, the veranda may not be placed tightly between two walls; there must be a gap of 1.5 mm per metre of width of the veranda.

Screws and drilling

- Deponti supplies special 4.2x19 mm and 4.2x32 mm stainless steel screws with the veranda. **Note:** Pre-drill a hole for each screw with a 3 mm drill bit (unless indicated otherwise)! If you continue to turn them after they are tight, the screw head may break off. It is recommended that you screw carefully, with the torque limiter on your drill set properly.
- **Note: Never** drill and screw through the PVC rainwater discharge pipe in one of the posts.

Sealant

- Deponti supplies sealant in the colours RAL9001, RAL9016 and RAL7024. This supplied sealant has been specially selected for the waterproof sealing of aluminium on aluminium or on most common construction materials, such as walls, concrete, etc. Follow the instructions on the tube.
- **Note:** The optimal processing temperature for the sealant is +5 °C to +40 °C.

Rubber seals

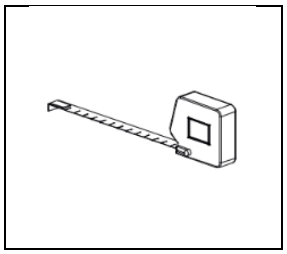
- The Pinela Deluxe Plus is standard equipped with pre-assembled, colour-matched rubber seals.
- In case the rubber seals have become deformed, they can be straightened again with a little heat, from a hot air heater or hair dryer for example.

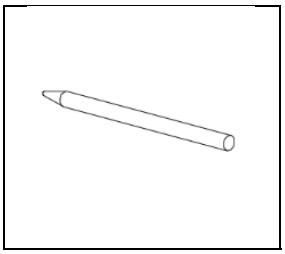
Removing the protective film

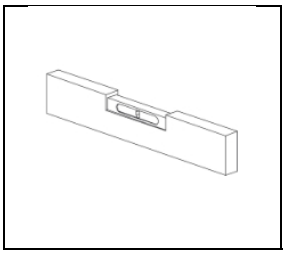
- It is recommended that the protective film be removed from the aluminium parts and the roofing sheets at the last possible moment, to prevent damage. When mounting the roofing sheets, however, the edges of the protective film must be pulled back a few centimetres towards the middle of the sheet so the film does not get stuck in the profiles; otherwise it will be difficult to remove later.

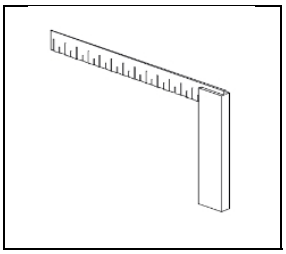
Warranty is void if the Pinela Deluxe Plus veranda is not assembled and installed in accordance with these instructions.

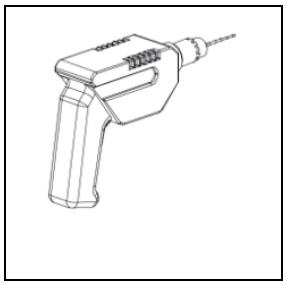
5.2 Tools and accessories

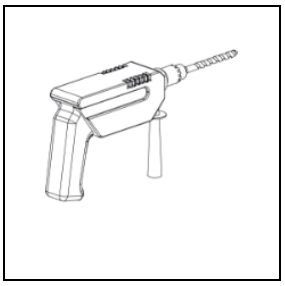


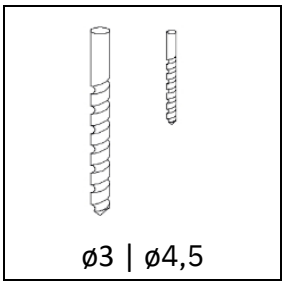


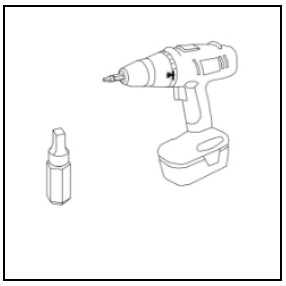


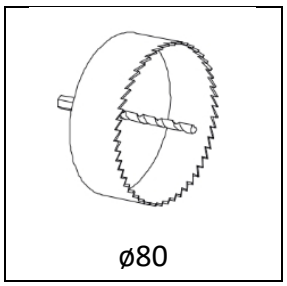


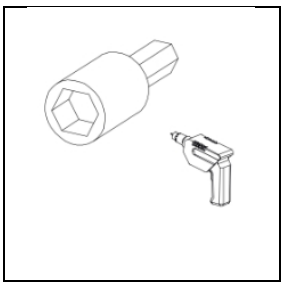


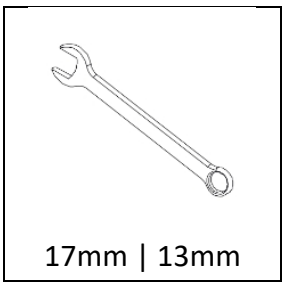


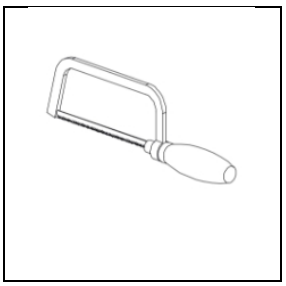


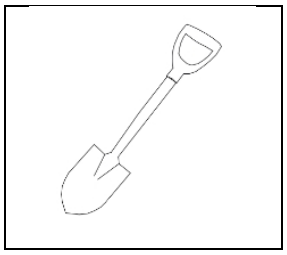


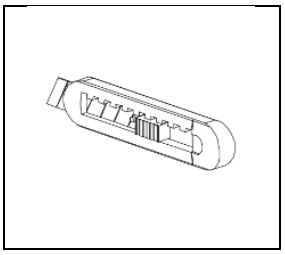


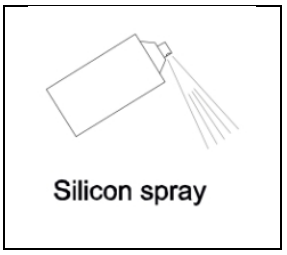


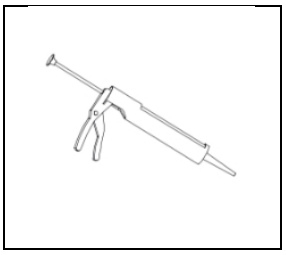


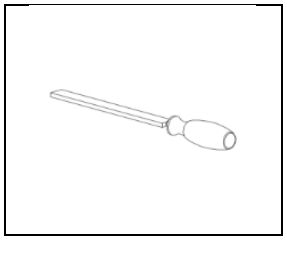


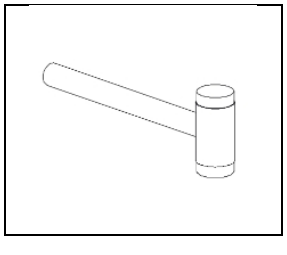


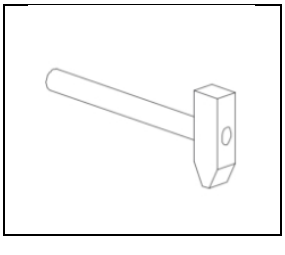


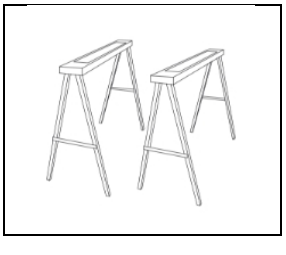


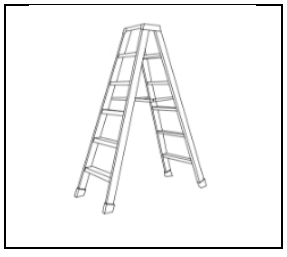


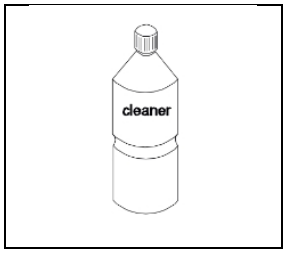


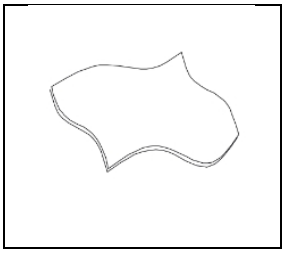












6. Assembly

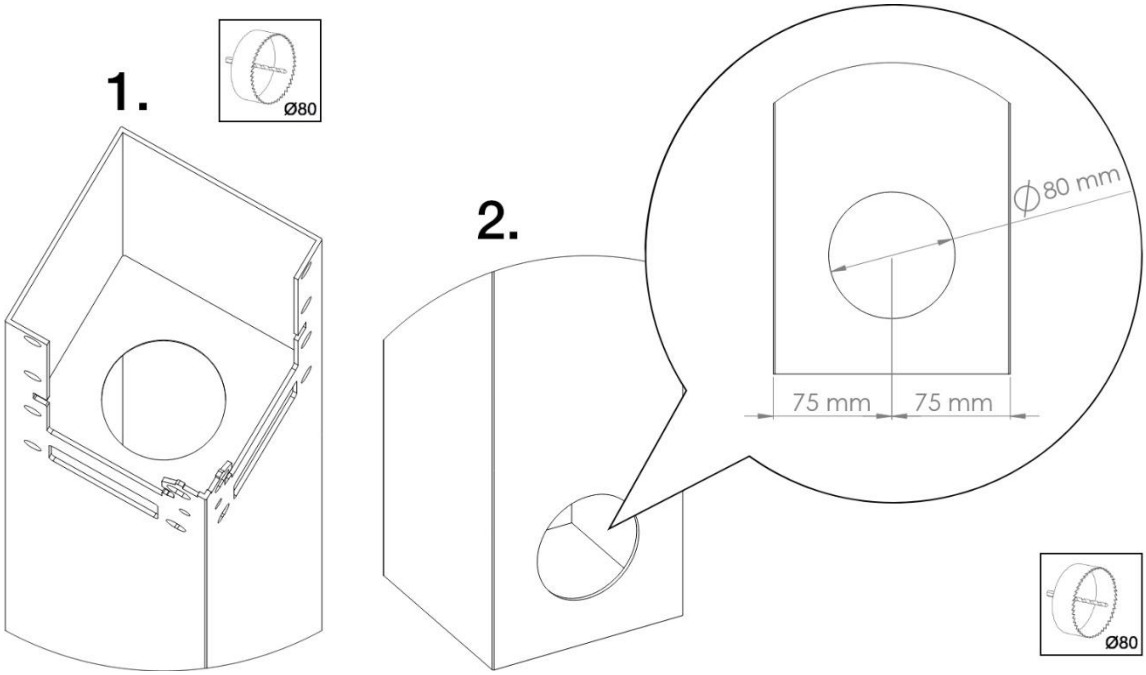
6.1 Determining the height

Determine the height of your veranda. Please note that the maximum possible height of the veranda is 2800 mm from ground level to the top of the gutter.

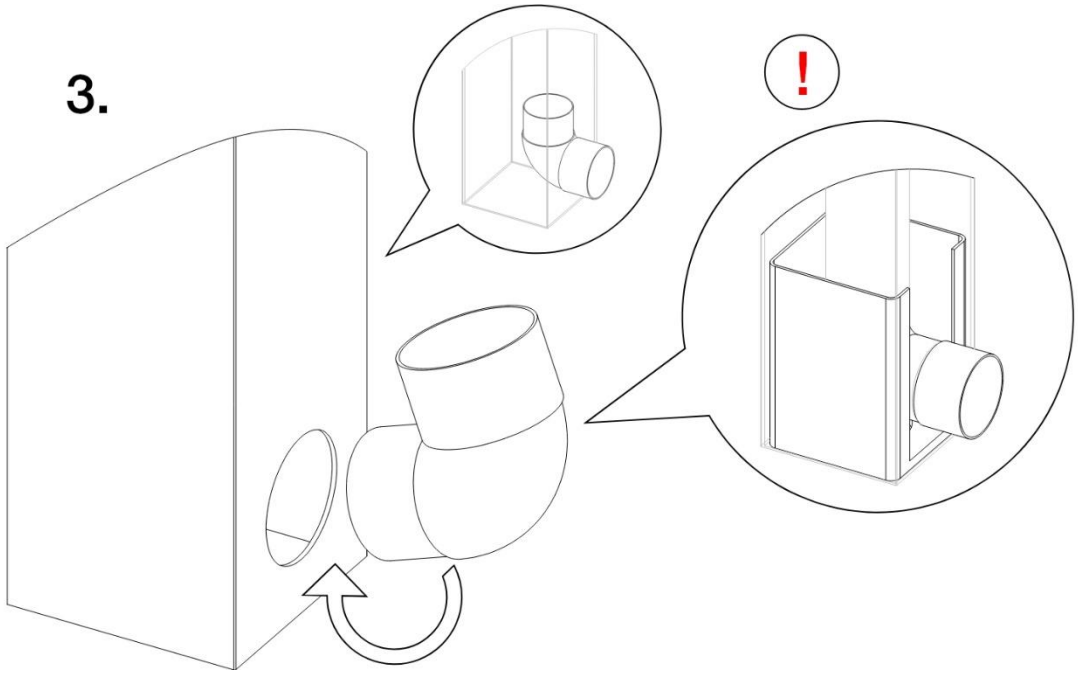
The posts are delivered at overlength for embedding in concrete. If you install the veranda using the (optional) mounting feet, cut the post to the desired total height of the veranda.

6.2 Downspout

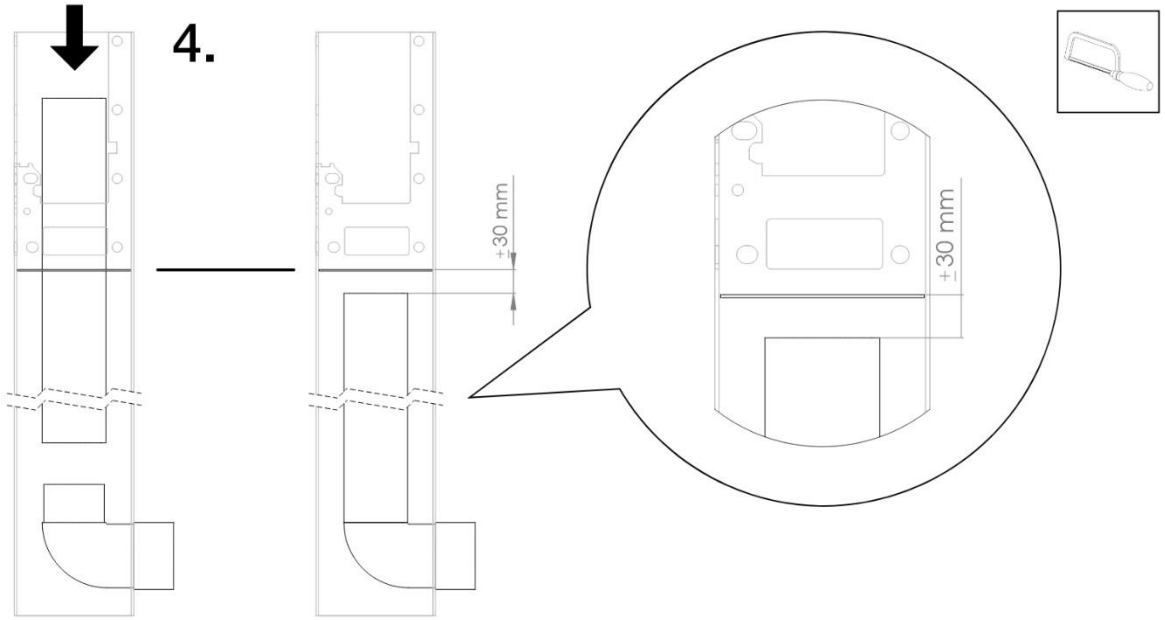
1. Determine in which post you want the drainage (and leaf catcher) to be and carefully drill the ø80 mm hole in the top of the post using the hole drill bit. This is where the leaf catcher will be placed later.
2. Determine on which side and height of the posts you want the drainage outlet. Using the drill bit, drill the ø80 mm hole in the centre of the post. Bear in mind that for the height, the RWD may end up below ground level (on a drainpipe), or just above ground level.



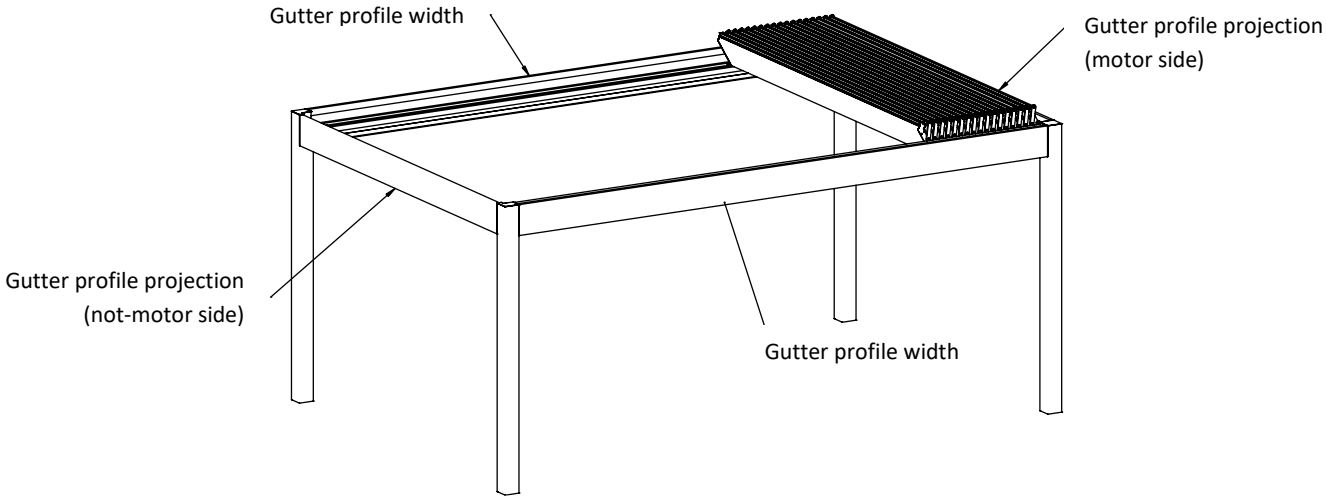
3. Place the RWD bend in the hole at the bottom of the post. NOTE: When using the blind mounting base, make sure the opening of the base is in the same position as the hole in the post.



4. Place the RWD pipe through the top hole of the post and slide it over the RWD bend. Saw the RWD pipe to size so that it extends ±30 mm below the plate of the post.

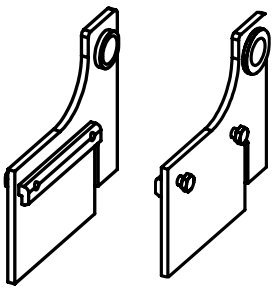


6.3 Preparation of the gutter profiles

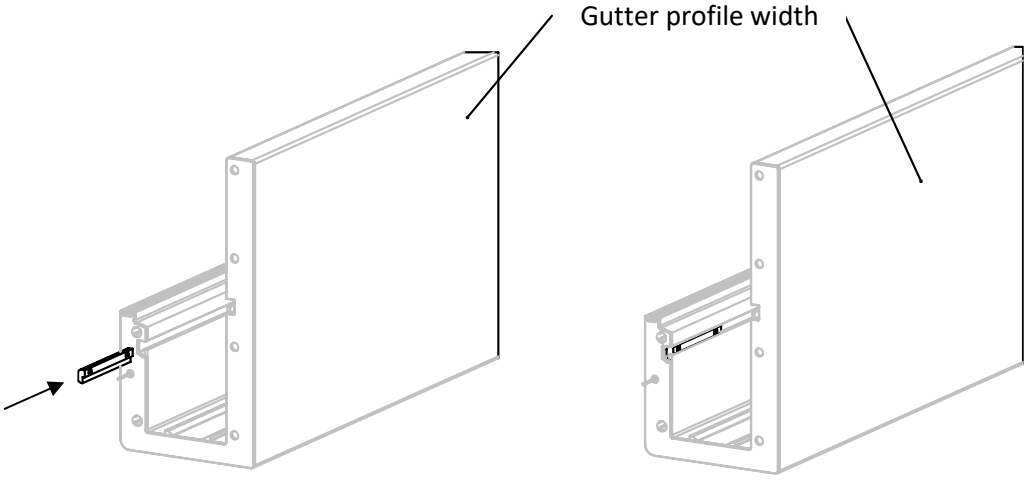


Before the gutters can be installed, they need to be fitted with rubbers and slotted nuts. The rubbers are packed in the projection and width packages.

The slotted nuts are packed in the Hinge rod A, B, D package. They are pre-assembled on the brackets suspension slat type A left and right.



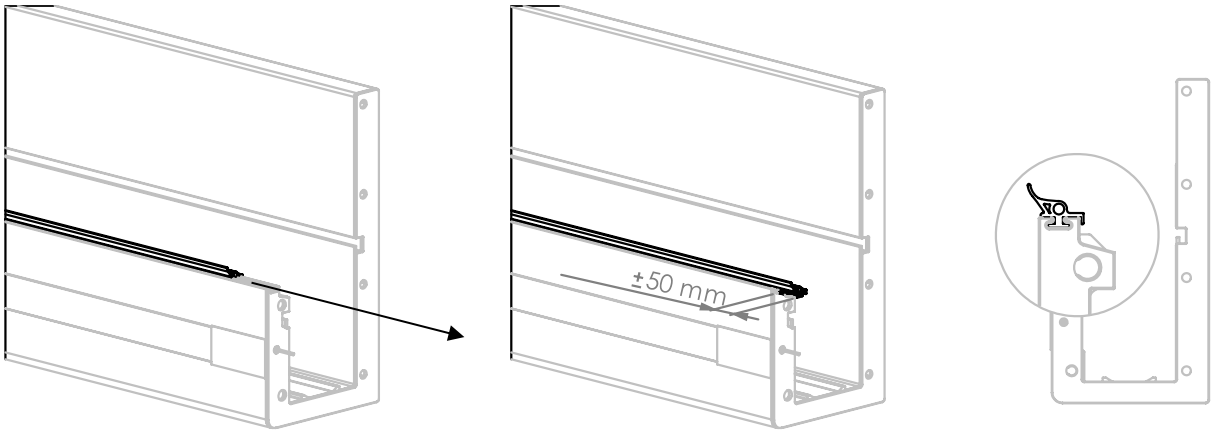
1. Insert the slotted nuts into the two width channel profiles, one per channel profile. Place the slotted nuts on the motor side.



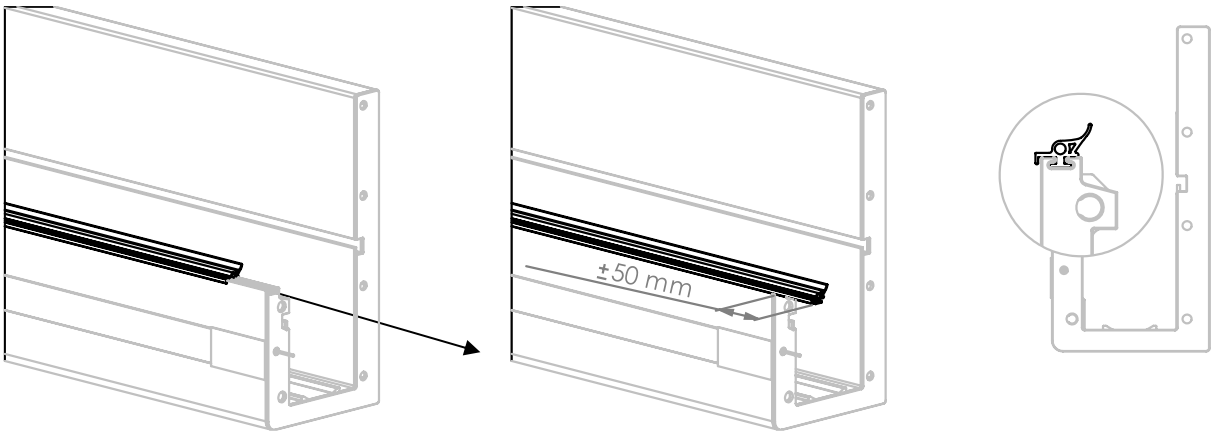
2. Place the rubbers in the gutter profiles as shown in the images below, instructions A. Make sure the rubber sticks out of the gutter for at least 50 mm.

Note! The rubber has to be mounted the other way around for the projection gutter profile (not-motor side), see instructions B.

Instructions A.
Position rubber for: gutter profile width (2x) and gutter profile projection (motor side). Pull the rubbers into the gutter profiles. Make sure the lip of the rubbers points inwards and protrudes out of the profile for 50 mm.

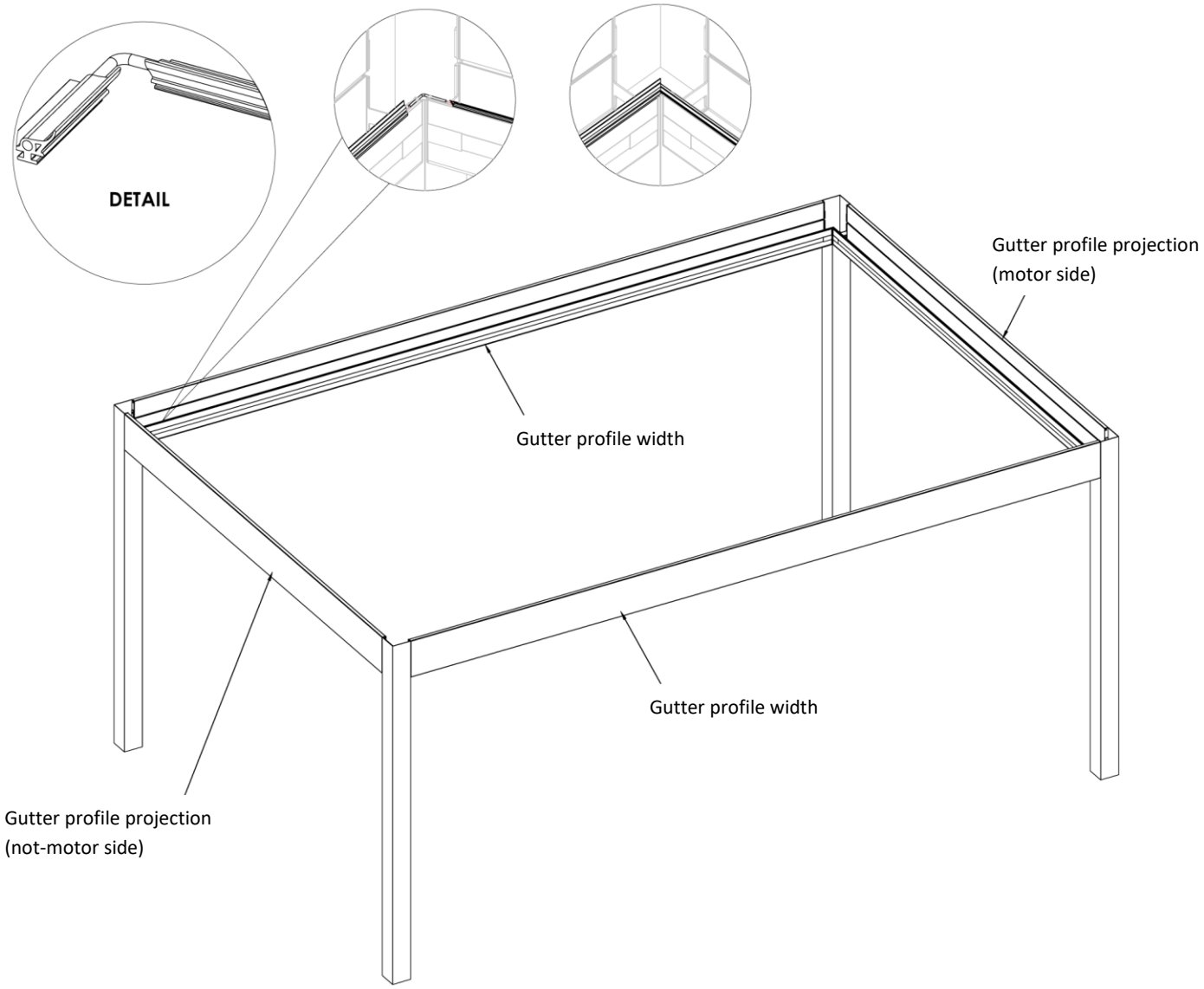


Instructions B.
Position rubber for: gutter profile projection (**not**-motor side). Pull the rubber into the gutter profile. Make sure the lip of the rubber points inwards and protrudes out of the profile for 50 mm.



6.4 Connecting the gutter rubbers

1. Cut the rubbers at a 45° angle and connect the gutter rubbers to the rubber connectors at the corners. Do this by inserting the connectors into the round opening of the gutter rubbers.

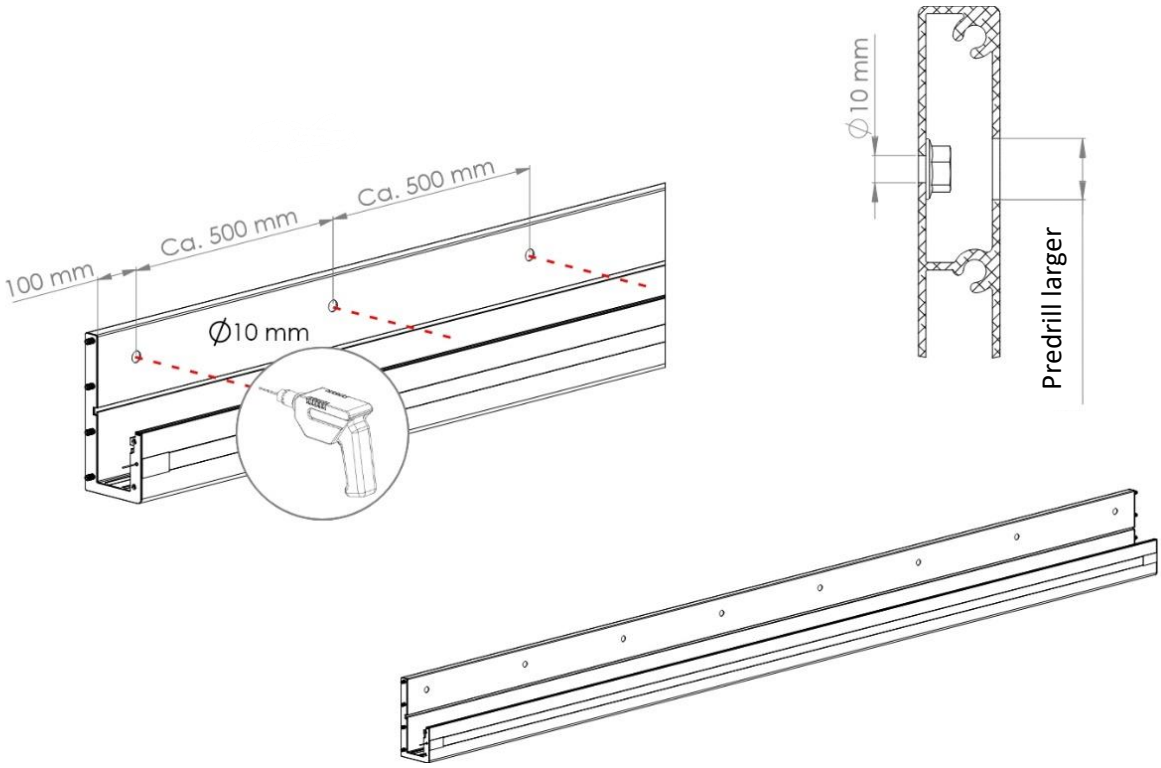


6.5 Wall-mounting (optional)

Optionally, you can order the Pinela Deluxe Plus as wall-mounted. If you have a free-standing veranda, you can skip this section.

Before you start working on the gutters, make sure that the LED strips are pulled into the lower channel. There is a series of gutters produced in which this is not yet the case and the LED strips are laying loose inside of it.

1. Decide which gutter you want to attach to the wall. Drill holes in the gutter, approximately 500 mm apart. Start about 100 mm from the end and end about 100 mm from the end. Predrill the front holes larger, so that the fixing material is recessed.

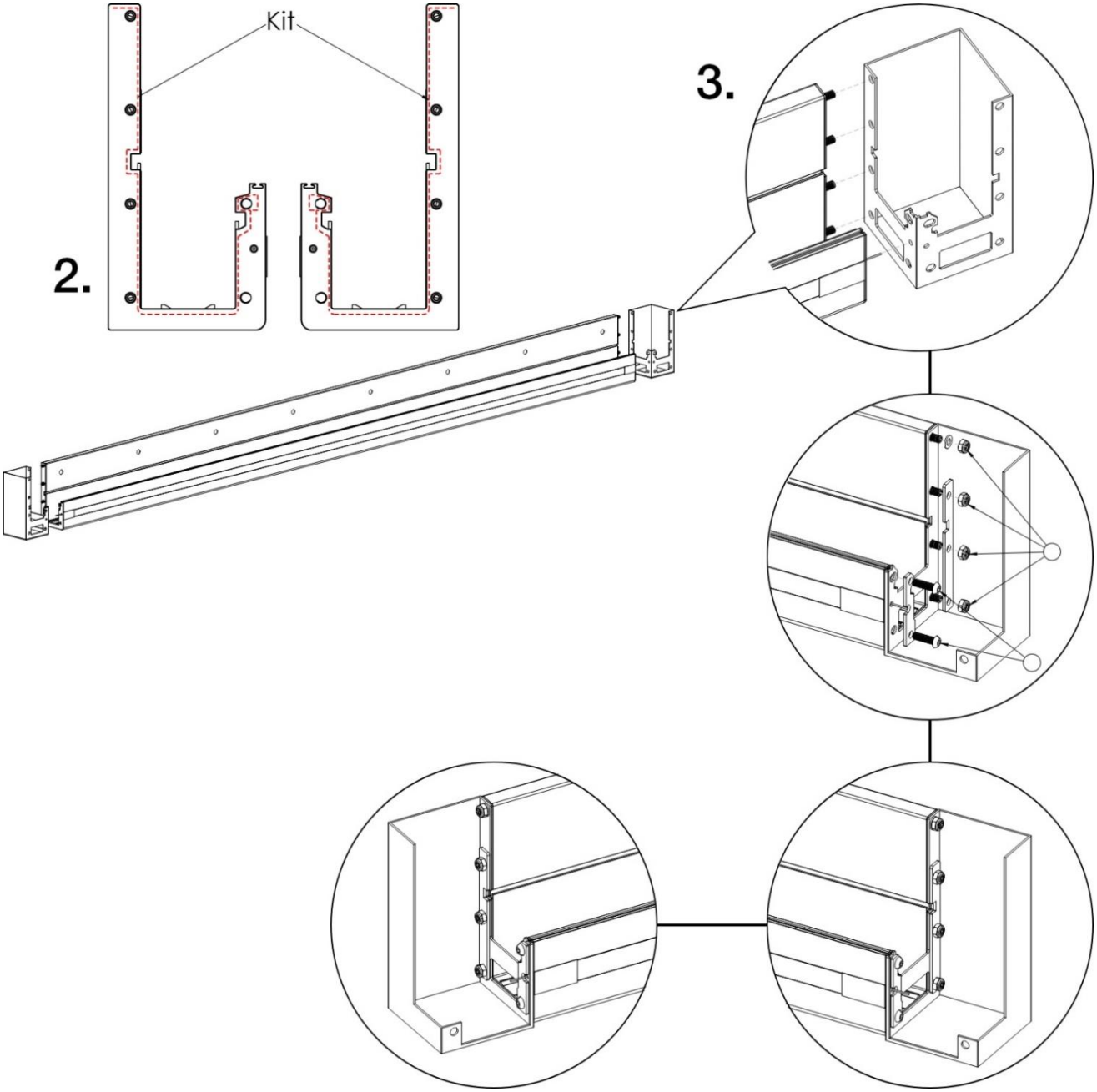


2. Apply sealant to the gutters' gaskets as shown in the picture below. Repeat this step for each gutter, as soon as you are going to assemble it.
3. Slide the gutter into the corner pieces as shown in the image below.

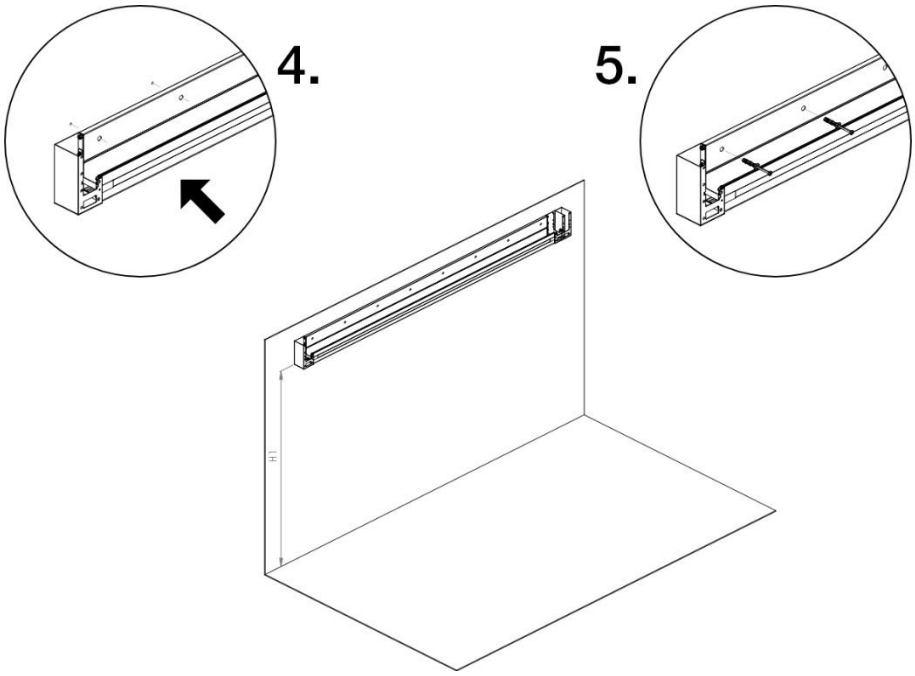
NOTE: Make sure the LED cable runs through the hole in the corner piece.

Attach the large pressure distribution plates together with the rivet washers and locknuts to the threaded rods. Tighten the locknuts only a few turns.

Next, attach the small pressure distribution plates with the M10 screws. Only then tighten everything evenly (crosswise).



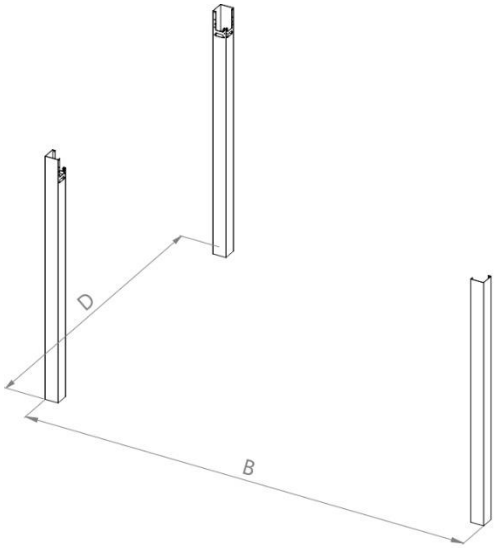
4. Place the gutter against the wall at the desired height and then mark the holes as you have pre-drilled them in your wall profile. Now drill holes with the appropriate drill bit. Make sure the gutter hangs level.
5. Secure the gutter. Provide the right fastening equipment yourself.

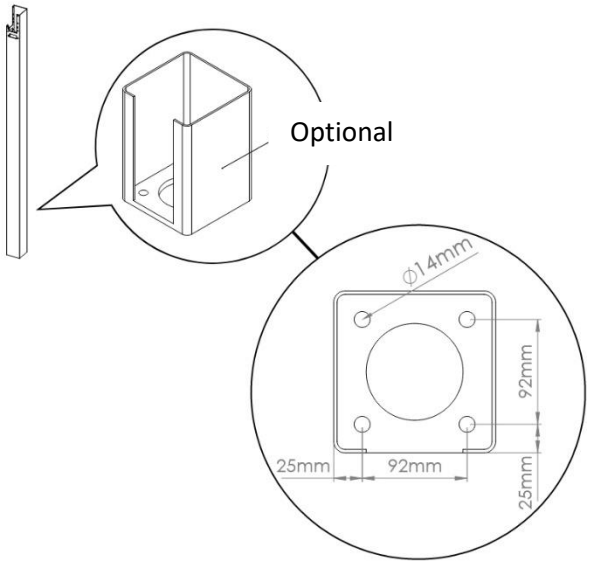


6.6 Fastening of the posts

1. Determine the positions of the posts on the terrace and the optional blind mounting bases. Make sure the positions are completely perpendicular and make sure their heights are level. For the correct position of the posts, see table 6.6.1.

NOTE: When using the blind mounting bases, be sure to attach them to the surface first. The correct positions for the mounting feet can be found in table 6.6.2. For fixing the base to the ground, we recommend using M12 5.8 Hilti-HY 200 anchors with a bonding depth of 170 mm



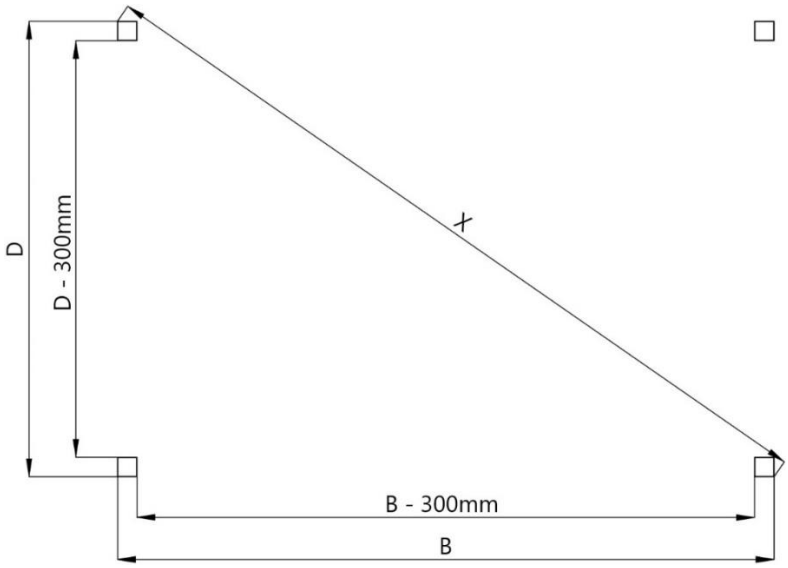


2. Dimensions outsides of posts

Dimensions of veranda (width x projection)	Width (B)	Projection (D)	Diagonal of outer posts (X)
3124 x 3000 mm	3124 mm	3000 mm	4330 mm
3445 x 3000 mm	3445 mm	3000 mm	4567 mm
4088 x 3000 mm	4088 mm	3000 mm	5070 mm
5052 x 3000 mm	5052 mm	3000 mm	5875 mm
6016 x 3000 mm	6016 mm	3000 mm	6722 mm
6980 x 3000 mm	6980 mm	3000 mm	7597 mm
3124 x 3500 mm	3124 mm	3500 mm	4691 mm
3445 x 3500 mm	3445 mm	3500 mm	4910 mm
4088 x 3500 mm	4088 mm	3500 mm	5381 mm
5052 x 3500 mm	5052 mm	3500 mm	6145 mm
6016 x 3500 mm	6016 mm	3500 mm	6959 mm
6980 x 3500 mm	6980 mm	3500 mm	7808 mm
3124 x 4000 mm	3124 mm	4000 mm	5075 mm
3445 x 4000 mm	3445 mm	4000 mm	5278 mm
4088 x 4000 mm	4088 mm	4000 mm	5719 mm
5052 x 4000 mm	5052 mm	4000 mm	6443 mm
6016 x 4000 mm	6016 mm	4000 mm	7224 mm
6980 x 4000 mm	6980 mm	4000 mm	8044 mm
3124 x 4500 mm	3124 mm	4500 mm	5477 mm
3445 x 4500 mm	3445 mm	4500 mm	5666 mm
4088 x 4500 mm	4088 mm	4500 mm	6079 mm
5052 x 4500 mm	5052 mm	4500 mm	6765 mm
6016 x 4500 mm	6016 mm	4500 mm	7512 mm
6980 x 4500 mm	6980 mm	4500 mm	8304 mm

Tabel: 6.6.1

Position of posts

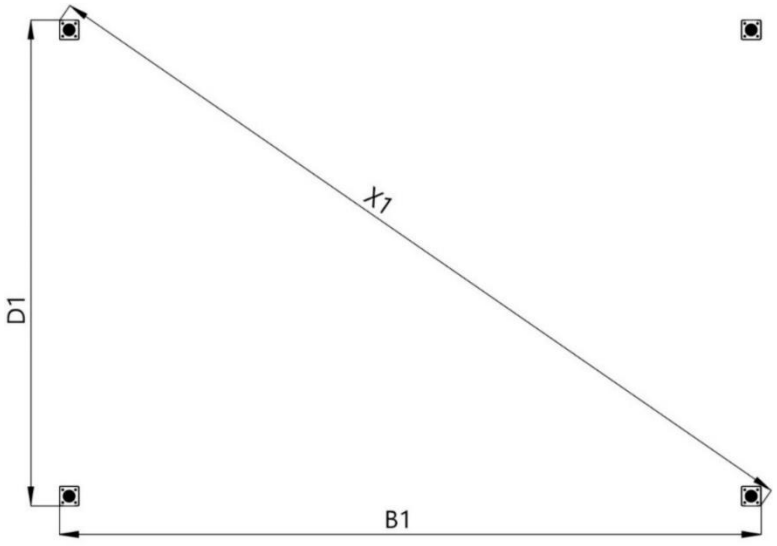


3. Dimensions outsides of blind mounting base

Dimensions of veranda (width x projection)	Width (B1)	Projection (D1)	Diagonal of outer posts (X1)
3124 x 3000 mm	3116 mm	2992 mm	4312 mm
3445 x 3000 mm	3437 mm	2992 mm	4549 mm
4088 x 3000 mm	4080 mm	2992 mm	5051 mm
5052 x 3000 mm	5044 mm	2992 mm	5856 mm
6016 x 3000 mm	6008 mm	2992 mm	6704 mm
6980 x 3000 mm	6972 mm	2992 mm	7579 mm
3124 x 3500 mm	3116 mm	3492 mm	4665 mm
3445 x 3500 mm	3437 mm	3492 mm	4891 mm
4088 x 3500 mm	4080 mm	3492 mm	5362 mm
5052 x 3500 mm	5044 mm	3492 mm	6127 mm
6016 x 3500 mm	6008 mm	3492 mm	6941 mm
6980 x 3500 mm	6972 mm	3492 mm	7789 mm
3124 x 4000 mm	3116 mm	3992 mm	5056 mm
3445 x 4000 mm	3437 mm	3992 mm	5260 mm
4088 x 4000 mm	4080 mm	3992 mm	5700 mm
5052 x 4000 mm	5044 mm	3992 mm	6424 mm
6016 x 4000 mm	6008 mm	3992 mm	7205 mm
6980 x 4000 mm	6972 mm	3992 mm	8026 mm
3124 x 4500 mm	3116 mm	4492 mm	5459 mm
3445 x 4500 mm	3437 mm	4492 mm	5648 mm
4088 x 4000 mm	4080 mm	4492 mm	6060 mm
5052 x 4500 mm	5044 mm	4492 mm	6746 mm
6016 x 4500 mm	6008 mm	4492 mm	7493 mm
6980 x 4500 mm	6972 mm	4492 mm	8286 mm

Tabel: 6.6.2

Position of blind mounting bases



6.7 Assembling the gutters

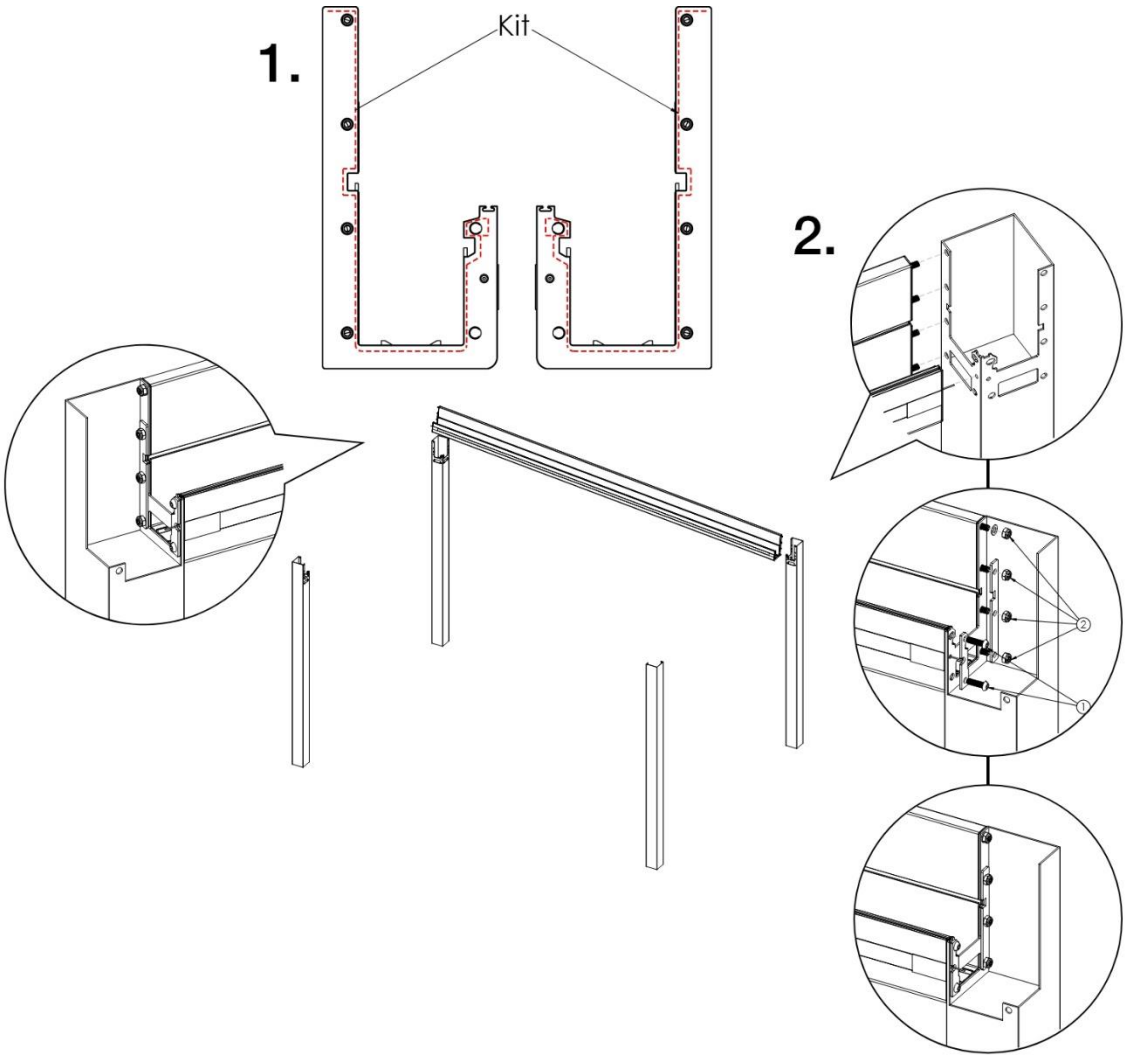
Before you start working on the gutters, make sure that the LED strips are pulled into the lower channel. There is a series of gutters produced in which this is not yet the case and the LED strips are laying loose inside of it.

1. Apply sealant to the gutters' gaskets as shown in the picture below. Repeat this step for each gutter, as soon as you are going to assemble it.
2. Slide the gutter into the corner pieces as shown in the image below.

   NOTE: Make sure the LED cable runs through the hole in the corner piece.

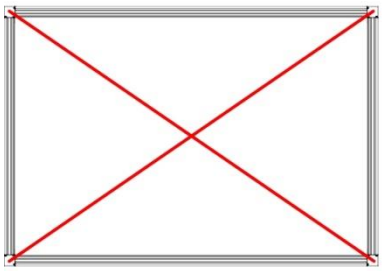
   Attach the large pressure distribution plates together with the rivet washers and locknuts to the threaded rods. Tighten the locknuts only a few turns.

   Next, attach the small pressure distribution plates with the M10 screws. Only then tighten everything evenly (crosswise).

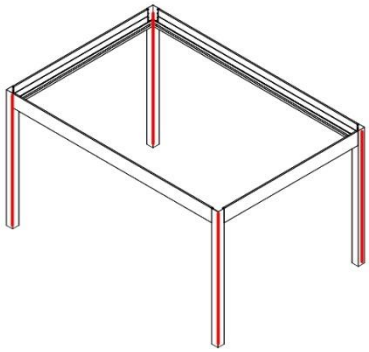


3. Check that the frame is level on all sides.

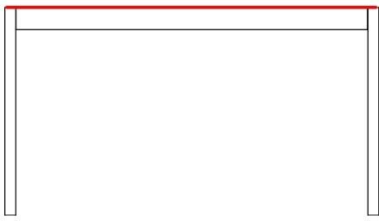
Check the cross



Check if the posts are spirit level

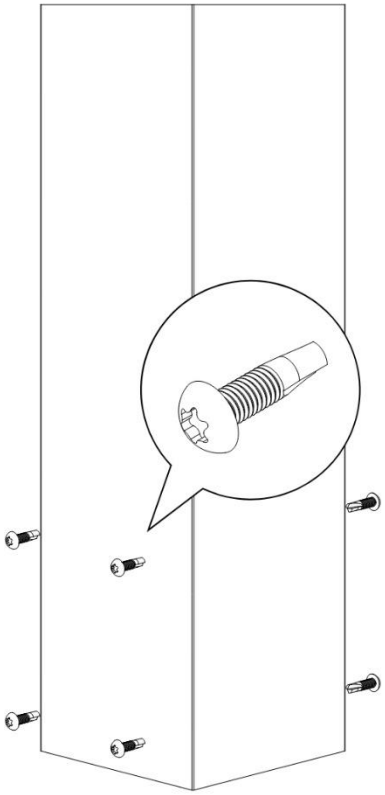


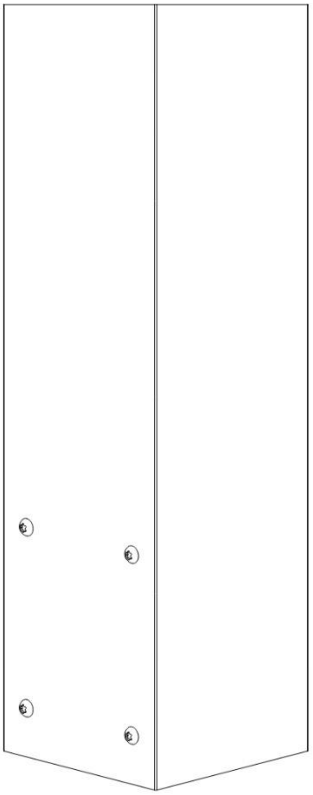
Check if the gutters are spirit level

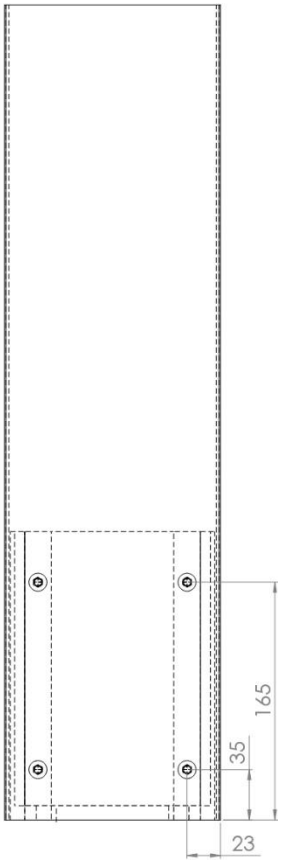


Optional: mounting with blind mounting bases.

Screw the posts to the blind mounting bases on at least two sides. Do this with ST 6.3 x 25mm screws, 4 x per side. Position the screws as shown in the image below.

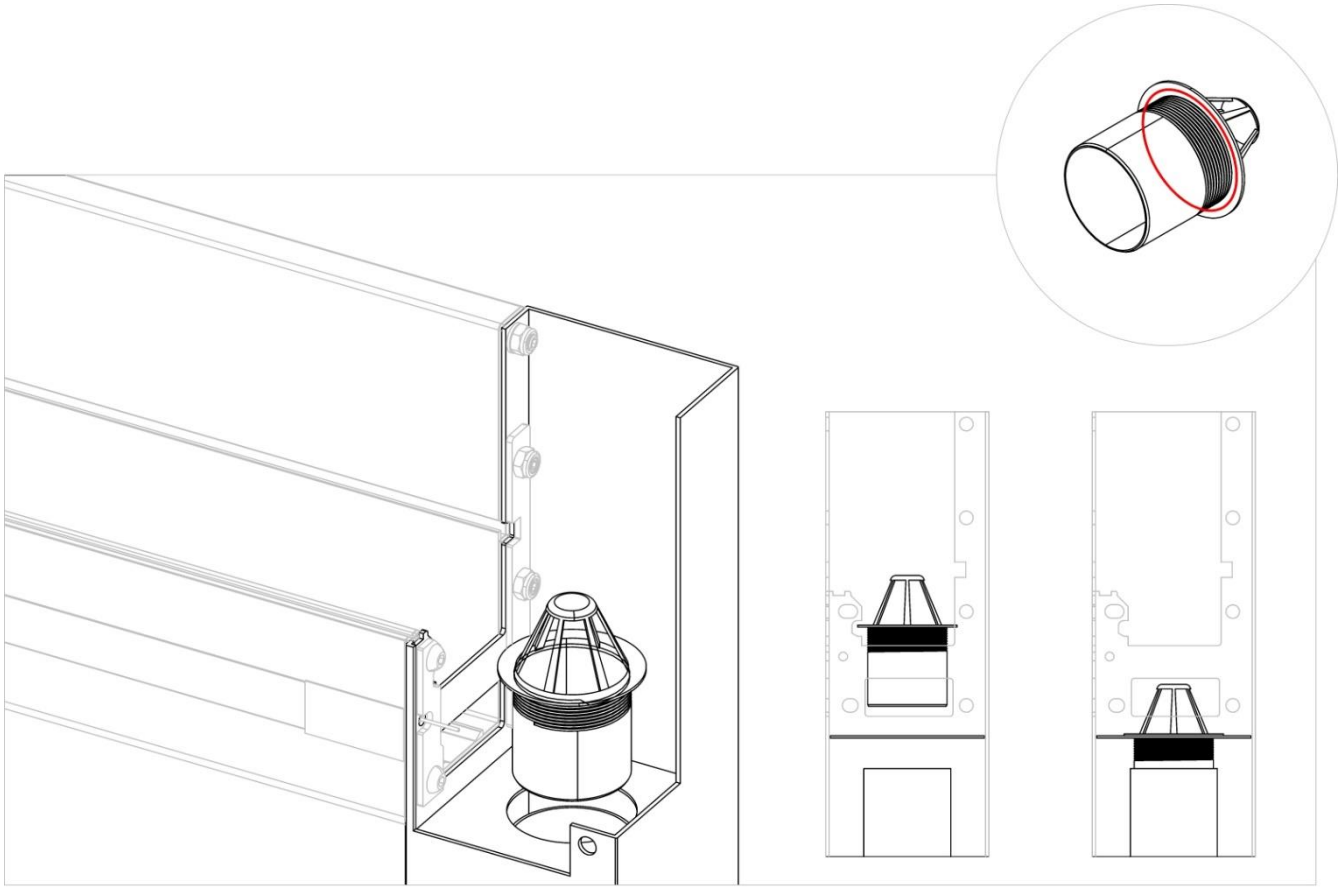






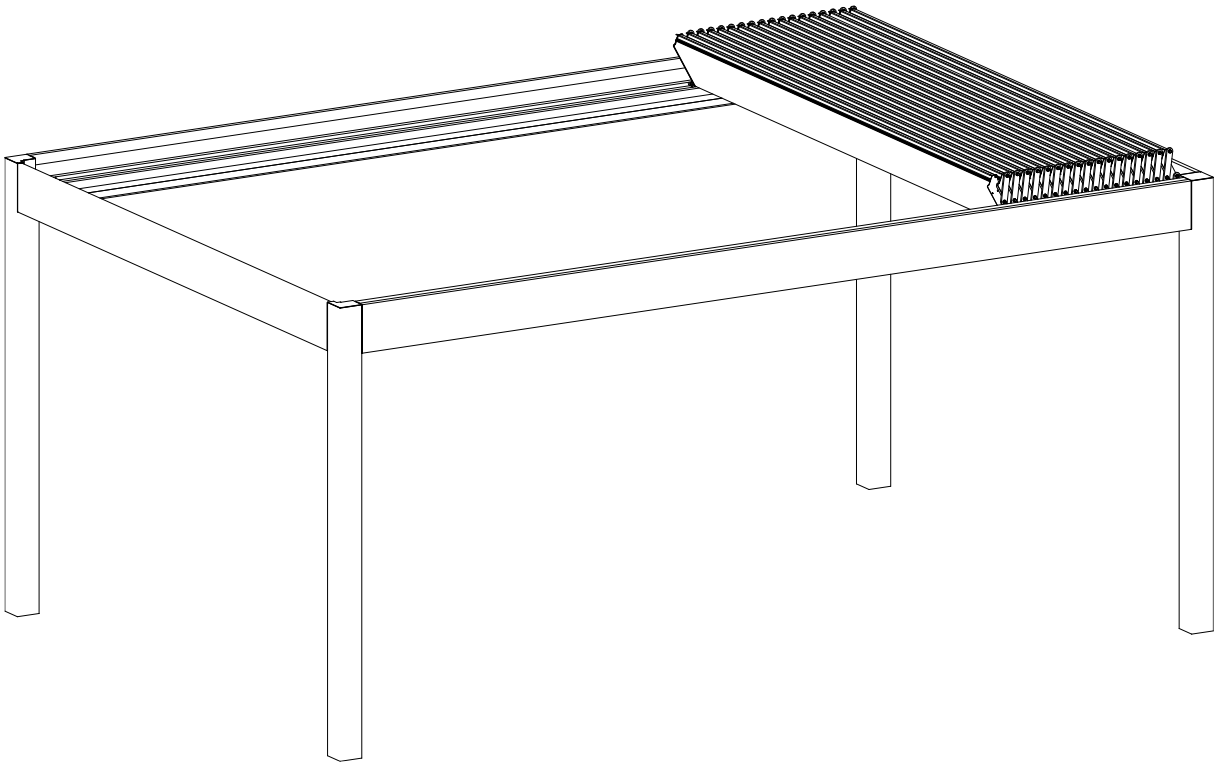
6.8 Installing the leaf catcher

1. Apply sealant to the underside of the leaf catchers.
2. Place the leaf catcher in the hole of the post and slide it into the RWD pipe.

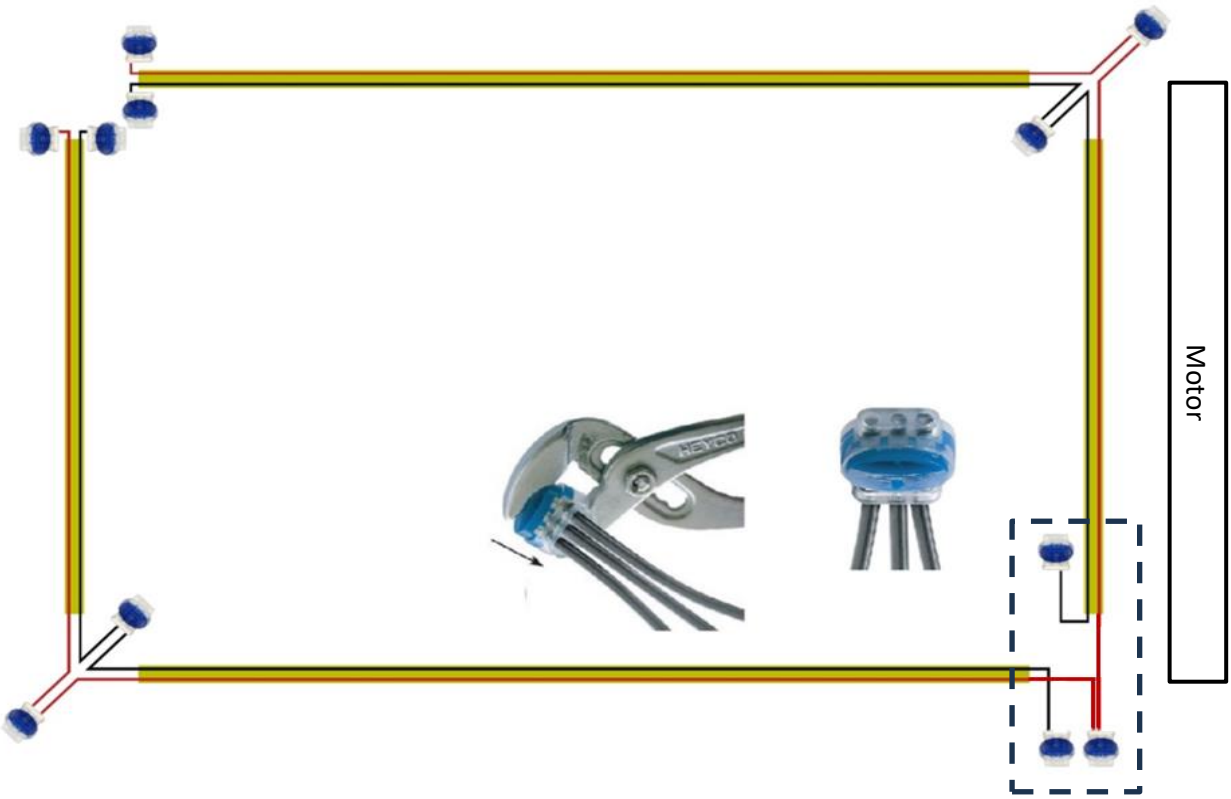


6.9 Preparing the LED lighting

1. Determine on which side of the veranda the motor should be located. This will also be the side that the slat package is located when opened. Also determine where the 230v connection point will be located. In this manual, we assume the motor is placed on the right-hand side of the veranda, with the cabling at the front.



2. Prepare the LED lighting by connecting the LED strips according to the diagram below The LED driver and power supply will be connected at a later stage. Make sure that the 3 scotchlok connectors are on the side of the motor and remain accessible.



Comment 1: The LED lighting cables are soldered and therefore more vulnerable at the soldering point. Do not pull or bend intensively during installation.

Comment 2: By using the scotchlok connector, there is no need to strip the ends of the cables.

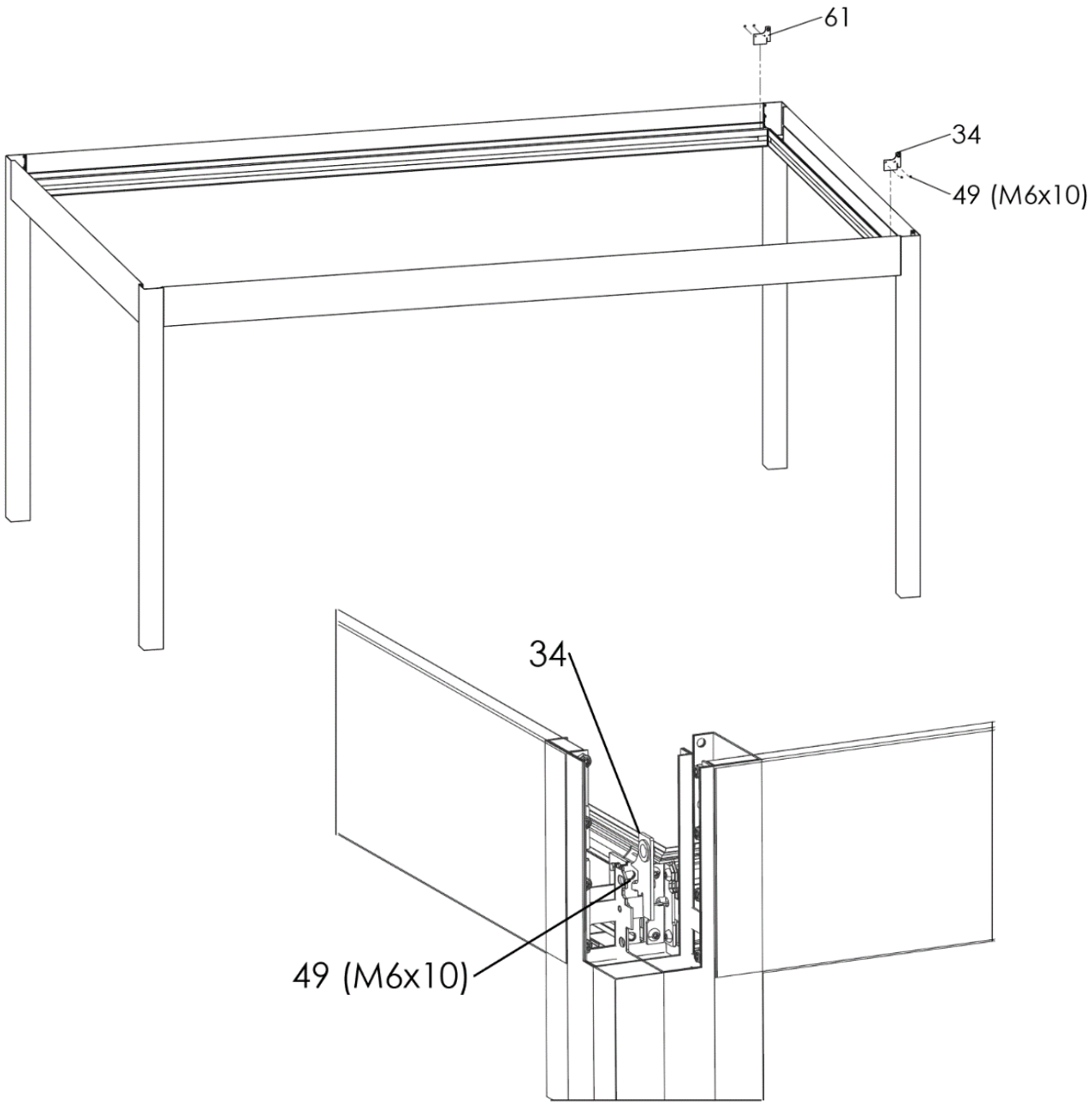
Comment 3: Note that you can connect a maximum of 2 LED strips per channel.

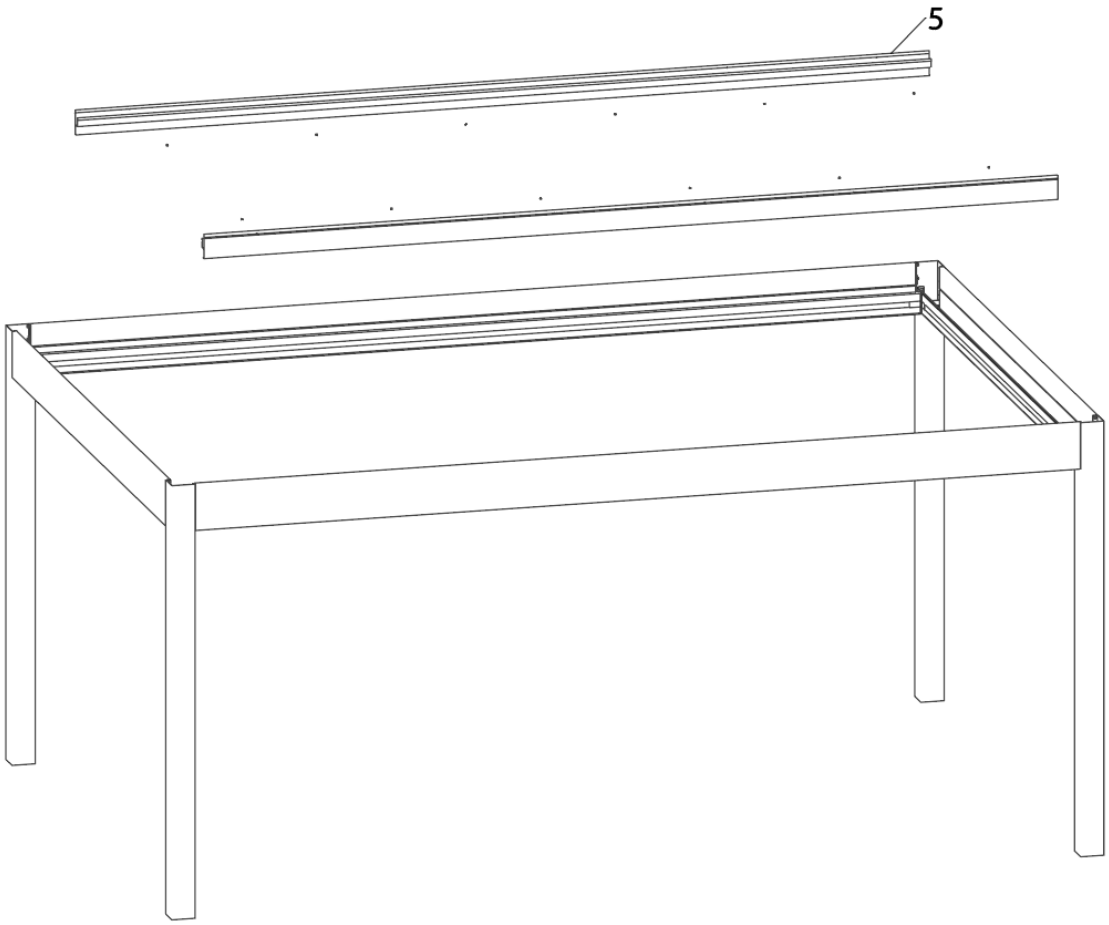
Comment 4: Make sure to cap all loose wires with 1 scotchlok. Use only 1 scotchlok per loose wire. This will prevent short circuits between the wires and the frame, or the wires themselves.

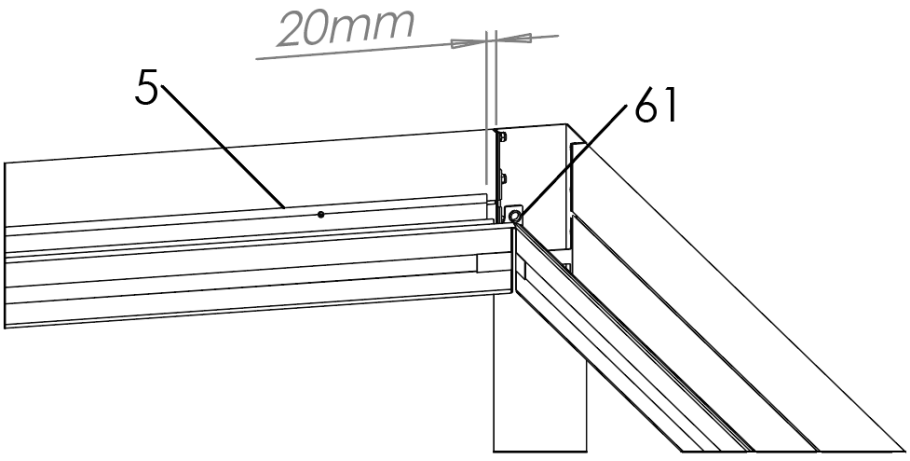
Check whether the LED lighting is connected correctly.

6.10 Placing the slat support and running profile

1. Slide the already installed sliding nuts completely to the motor side. (see chapter 6.3: Preparation of the gutter profiles, page 21)
2. Mount the brackets for suspension slat type A left and right on the sliding nuts. Ensure that the bracket with the groove falls over the post.

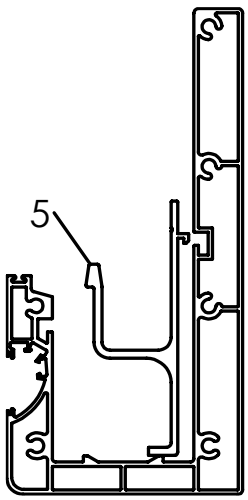


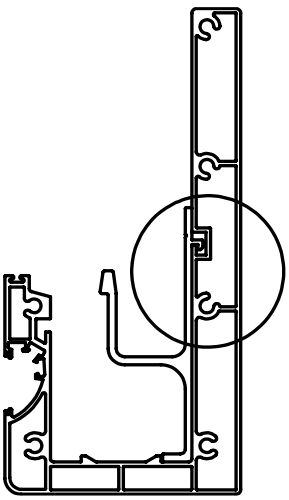


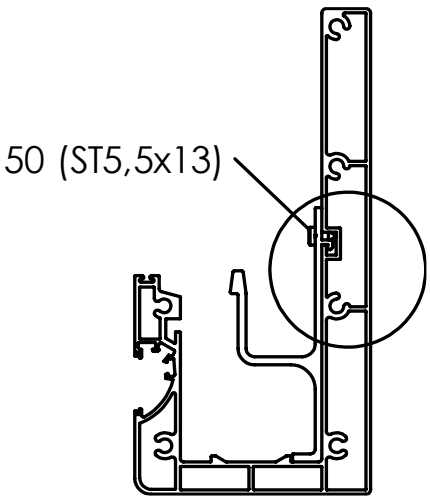


3. Remove the protective film from the running profiles. Hook the running profiles into the gutter. Make sure there is 20 mm space in between the running profile and the post on the side of the motor.

4. Screw the running profiles with plate screw ST5.5x13 into the pre-drilled holes.



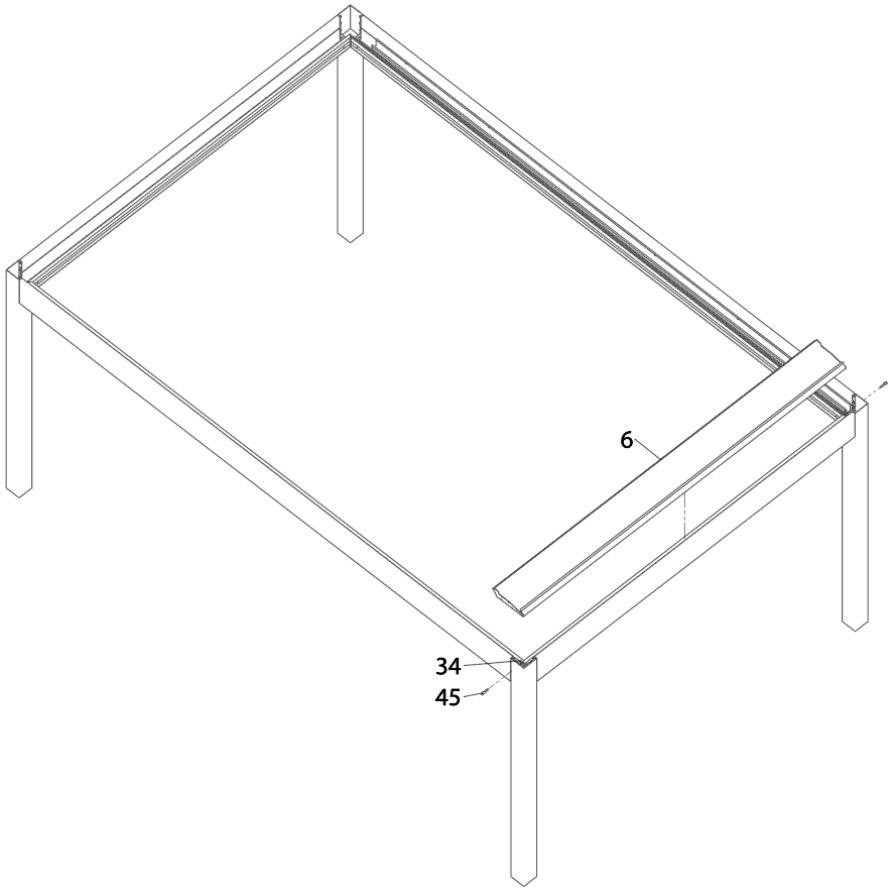


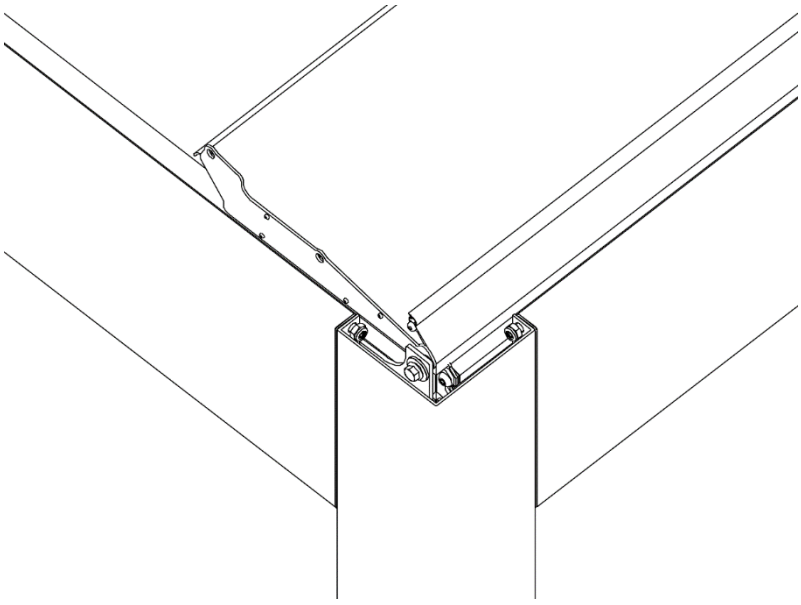


6.11 Placing the slats

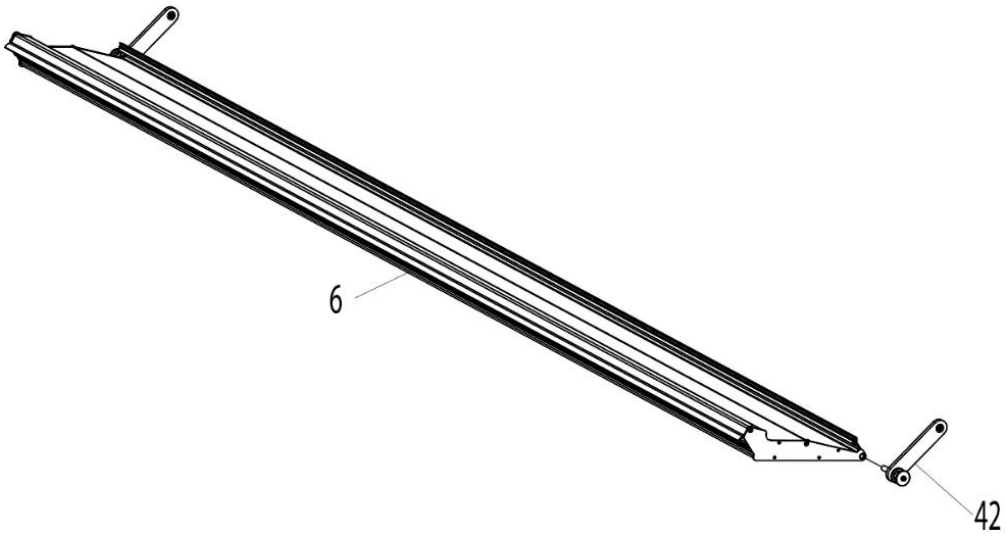
Note: when placing the slats, start on the side of the motor.

1. Place a standard slat (type A) on the gutter and attach it to the suspension slat type A with the screw slat type A. The next slat will be a slat type B.

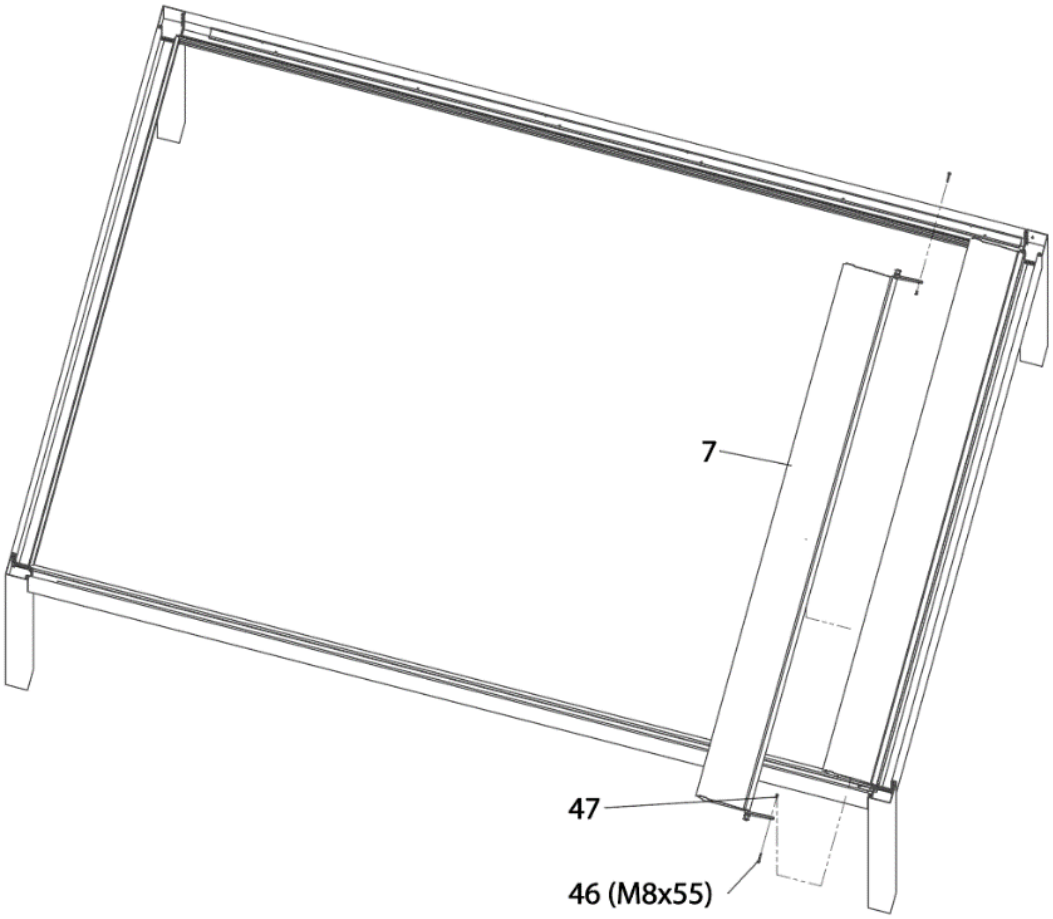


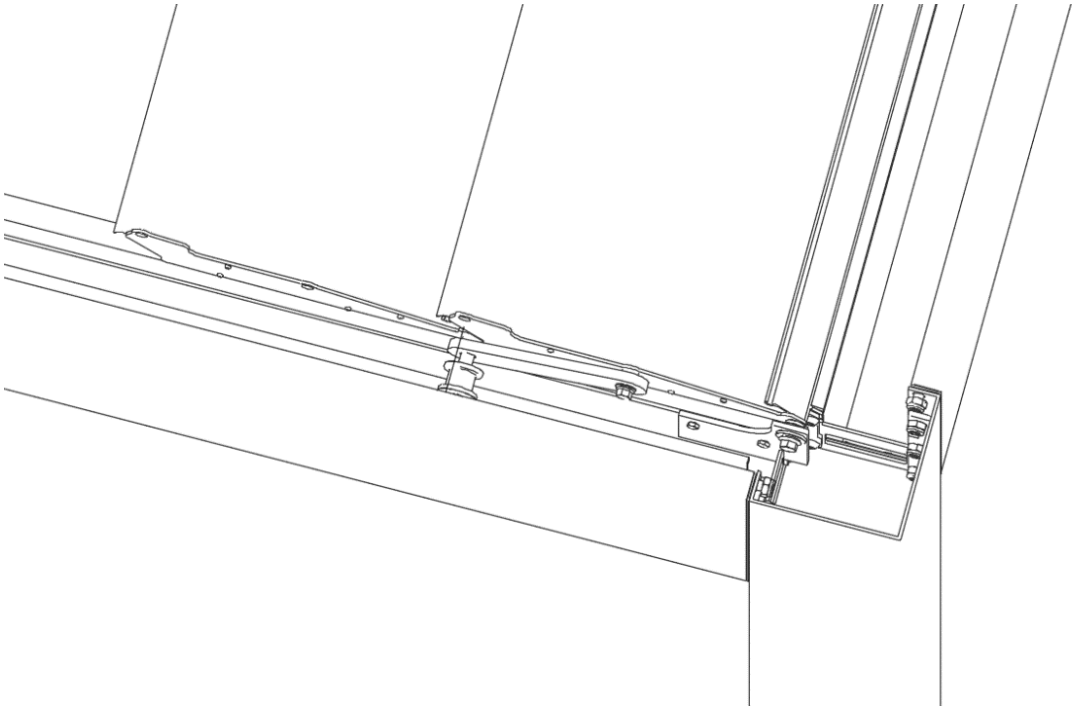


2. Prepare a standard slat by using the rod set type B, axle with running wheel and a short hinge plate. This will be slat type B.

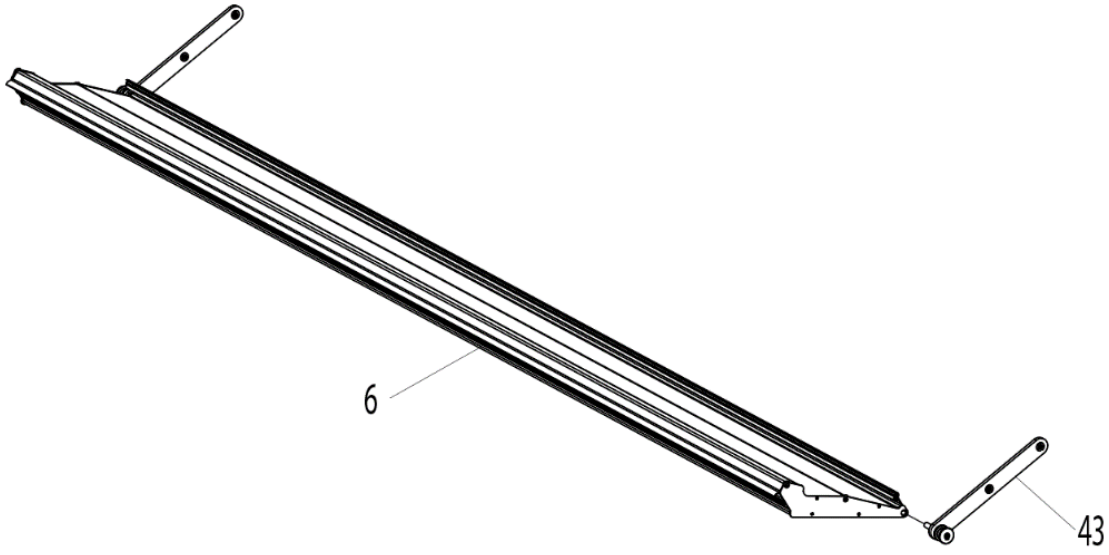


3. Place this slat on the gutter and attach it to the first slat. Use the hexagonal flange bolt M8x55 and the distance bus for this.

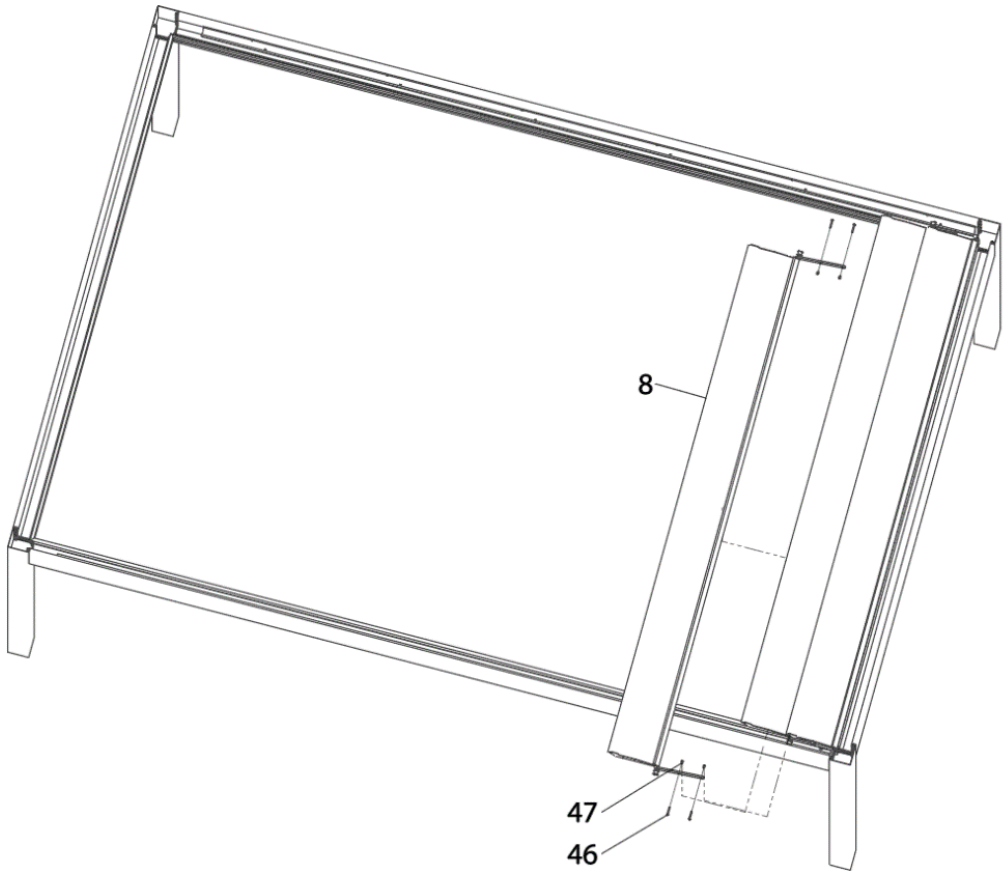


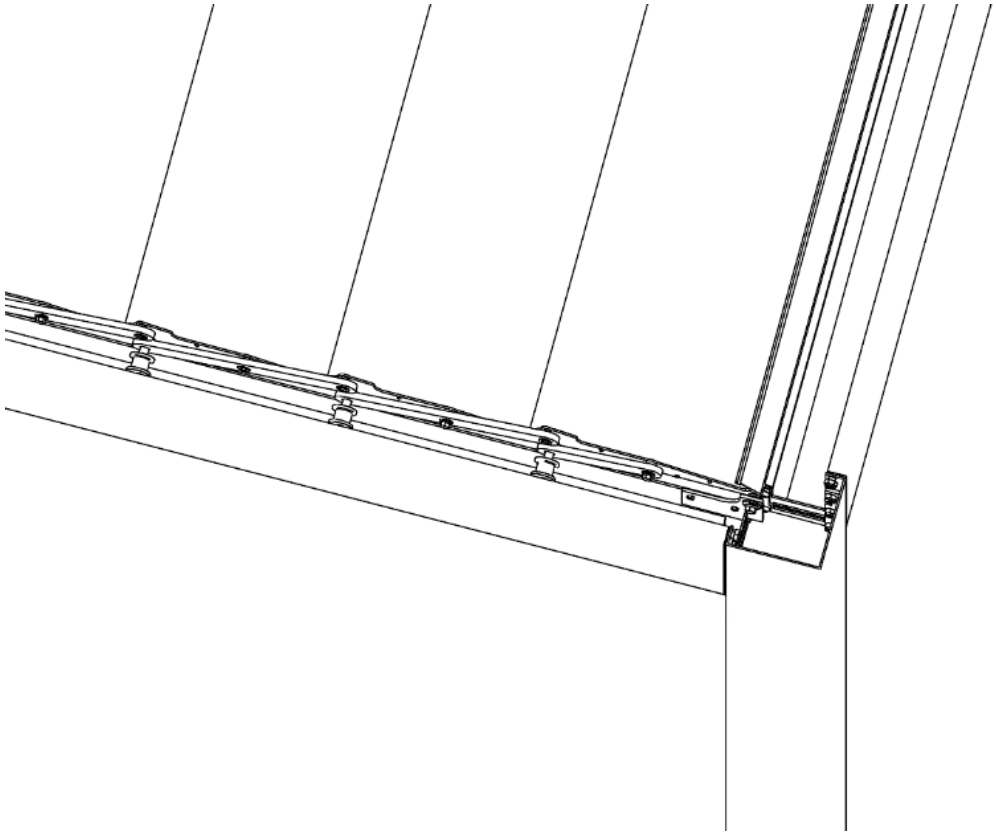


4. Prepare a standard slat by using the rod set type C, axle with running wheel and a short hinge plate. This will be slat type C.

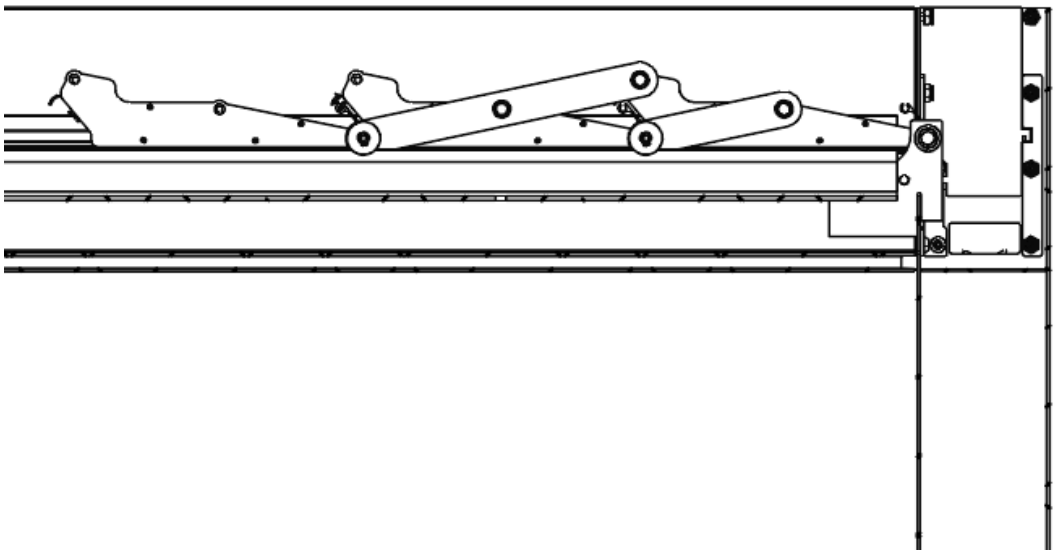


5. Place this slat on the gutter and attach it to the previous slat. Use the hexagonal flange bolt M8x55 and the distance bus for this.

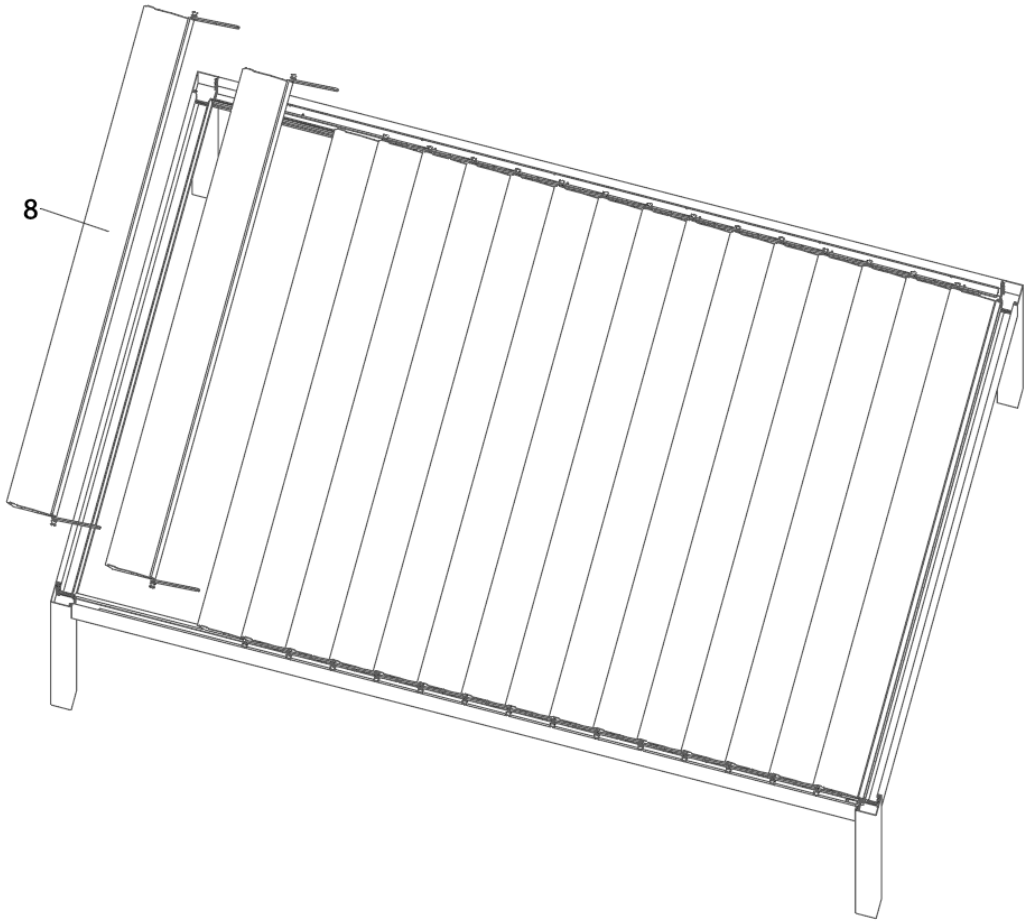

8
47
46



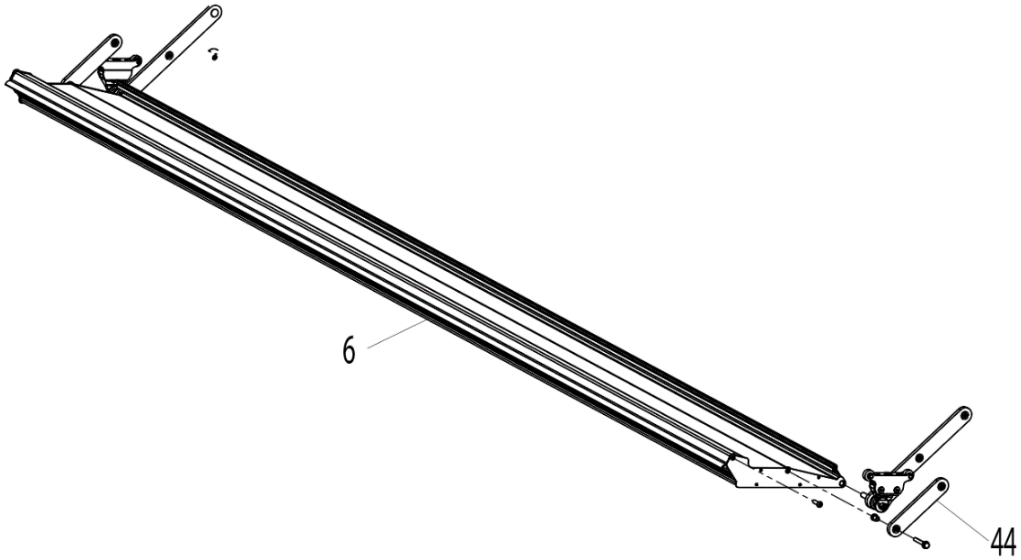
The result should look as follows:

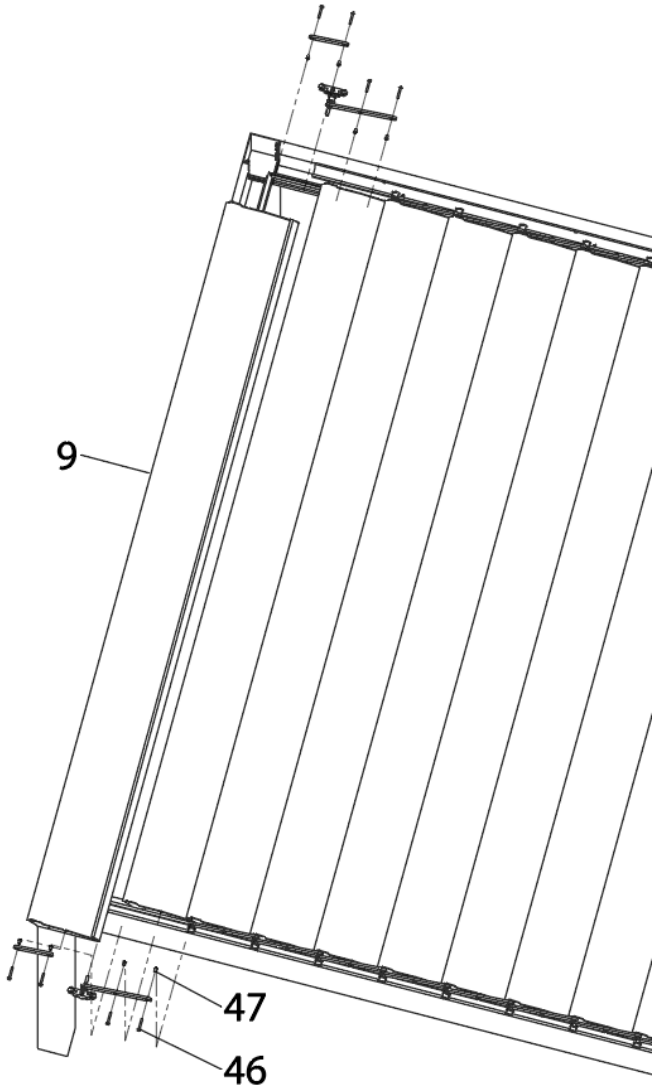


6. Repeat the steps 4 and 5 for the following slats, except for the last one.



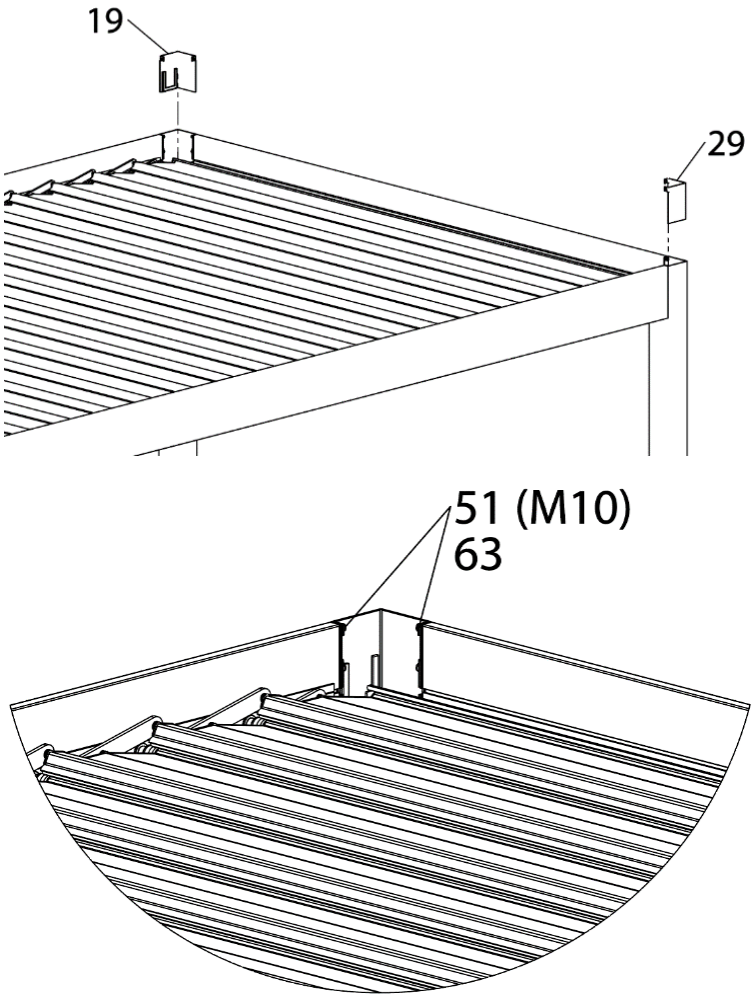
7. Prepare a standard slat by using the rod set type D, axle with running wheel and a short hinge plate including running carriage. This will be slat type D. Place this slat on the gutter and attach it to the previous one. Use the hexagonal flange bolt M8x55 and the distance bus for this.


6
44

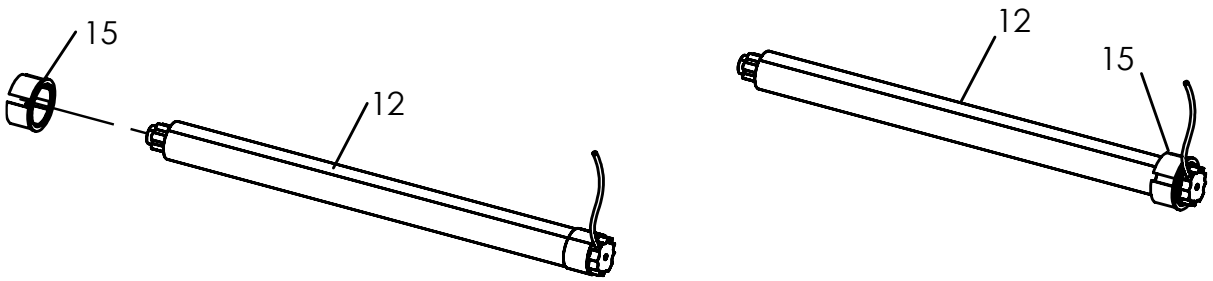

9
47
46

6.12 Motor and belt assembly

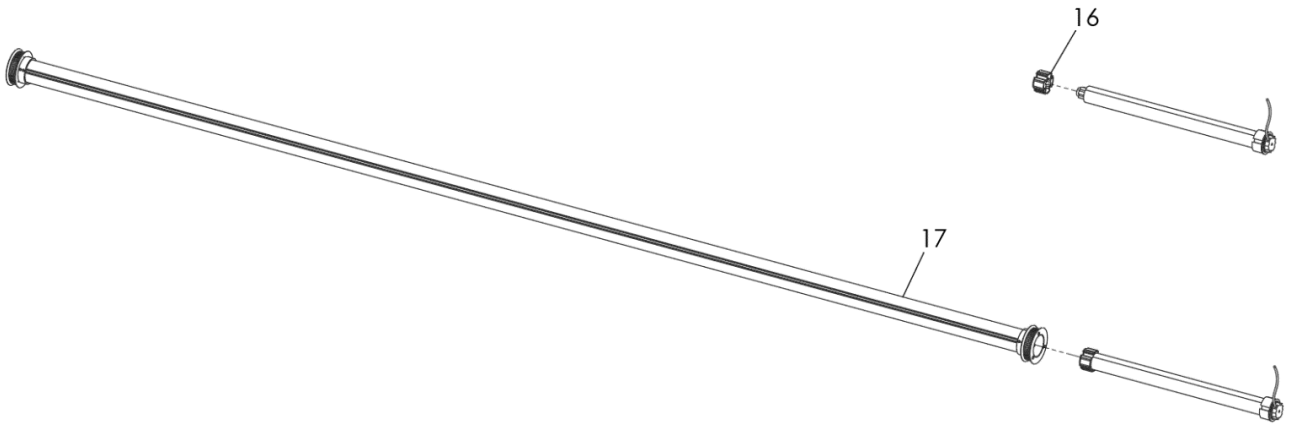
1. Mount the post housing, left and right, on the side of the motor. Use the locknut and washer M10 for this.



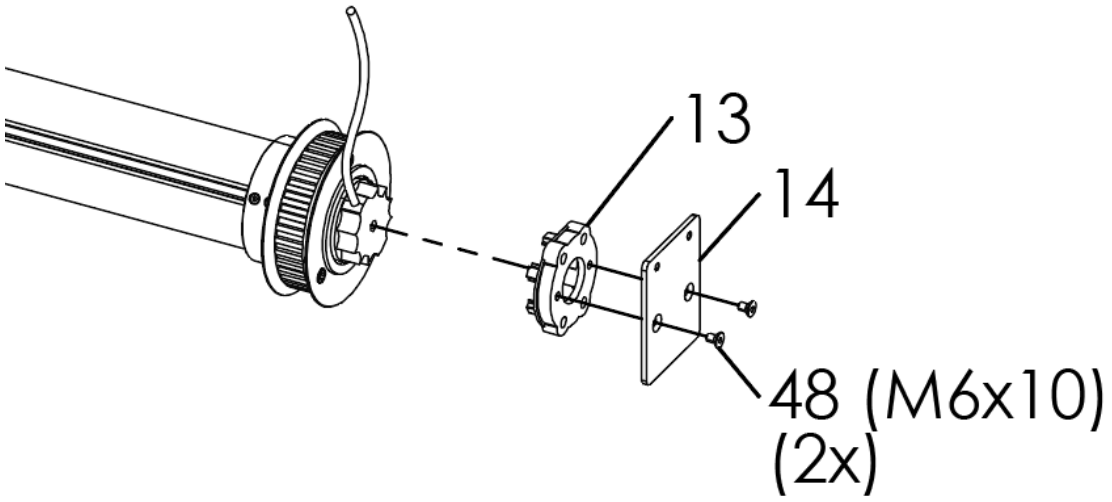
2. Take the tubular motor and slide the adapter over the motor.



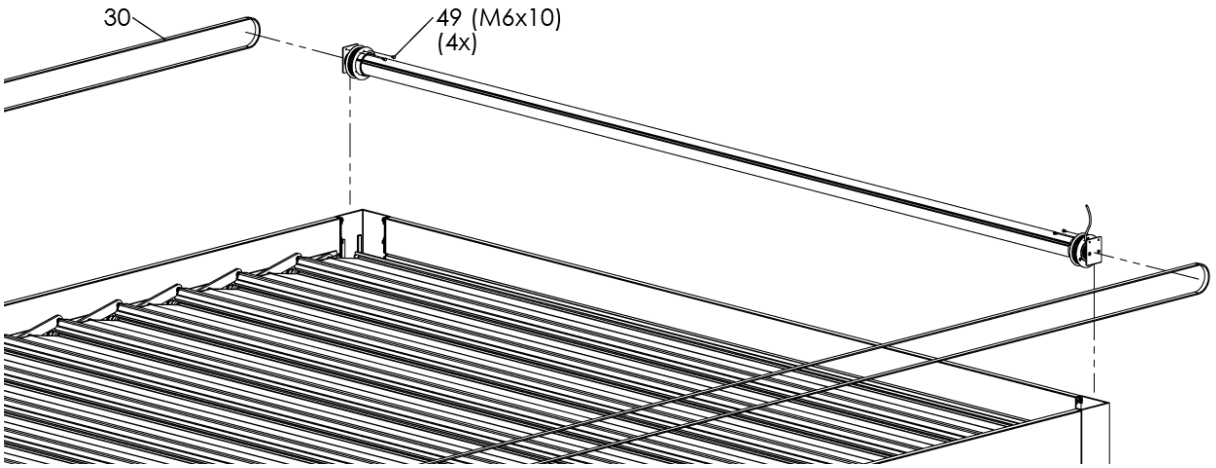
3. Then place the tracker on the end of the tubular motor.
4. Take the tube with the pre-assembled pulleys and slide the tubular motor into the tube, until the adapter is located in the tube.



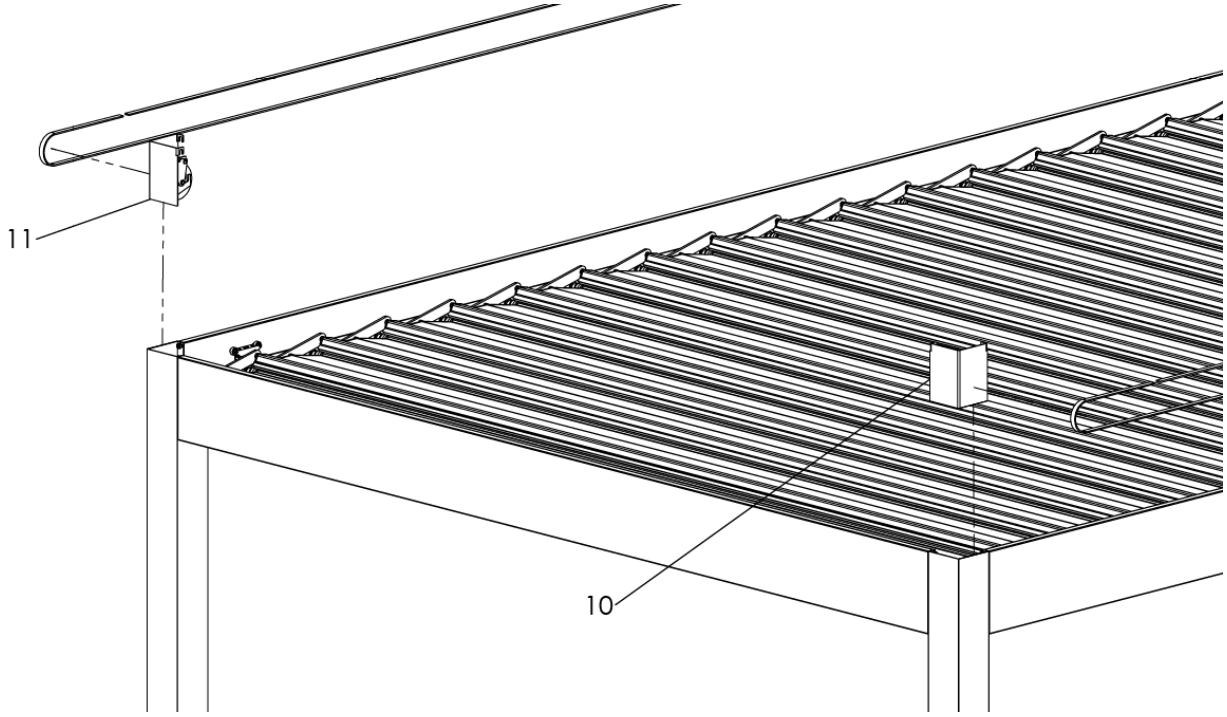
5. Mount the motor adapter with the M6x10 screws on the motor mounting plate. The adapter can then be clicked onto the motor.

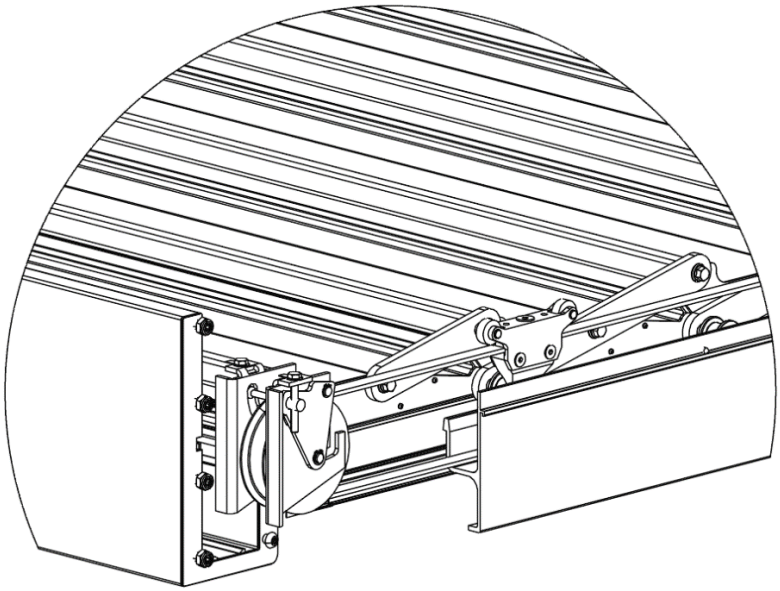


6. Before installing the motor, make sure the connection of the LED lighting remains accessible.
7. Place the toothed belt loosely around the pulley and lower the motor assembly with the square mounting plates into the slots of the post housings. Make sure the 2 threaded holes, in the mounting plates, are at the top, and that the cabling of the LED lighting and motor coincide.
8. Use a hex bolt M6x10 to secure the mounting plates.

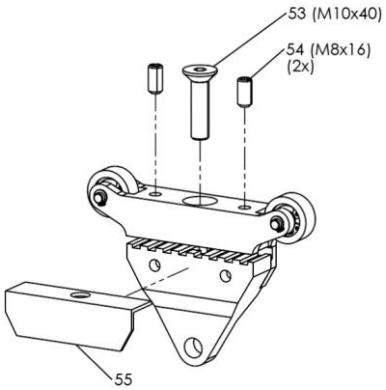


9. Place the clamping device, left and right, in the other two posts.
10. Place the lower part of the toothed belt in the running profile and around the pulley of the clamping device. Make sure that the open end of the toothed belt is at the top and near the runner.

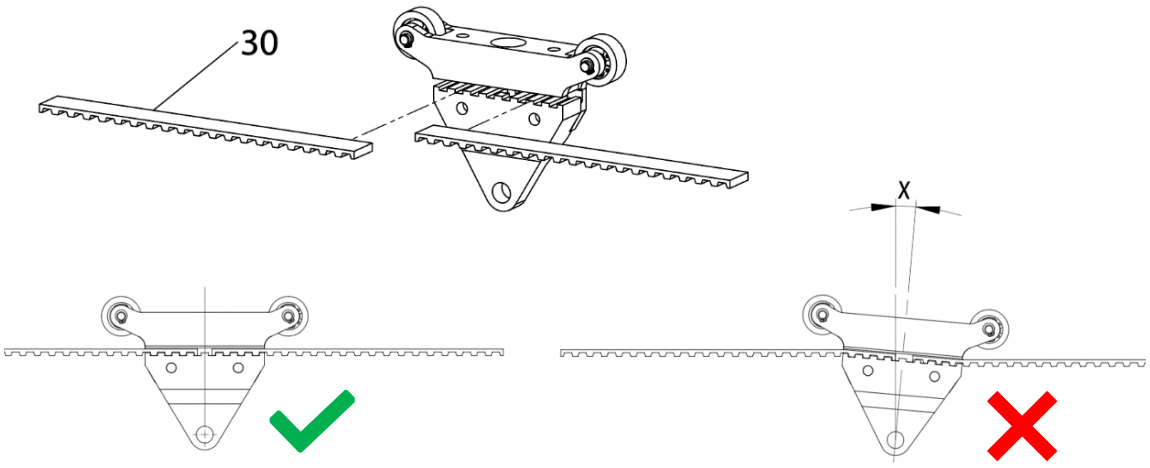




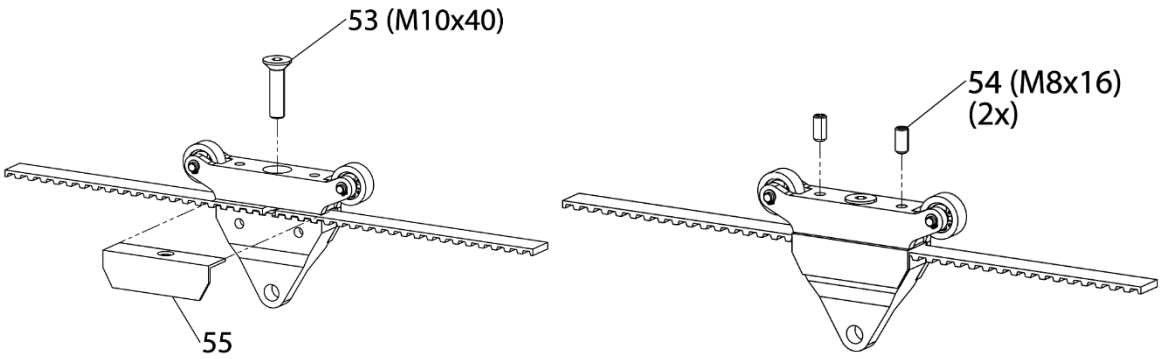
11. The runner on slat type D is pre-assembled. Remove the countersunk screw M10x40 and the 2 set screws M8x16 at the top and remove the pressure plate of the toothed belt on the side.



12. Take the long part, which runs to the tubular motor, and place it in the slots of the runner. Pull the other end tight. If necessary, move the toothed belt over the tubular motor's pulley to achieve this. Place the loose part in the runner. Shorten the strap where necessary. Make sure that the hole in the middle of the runner is not blocked and that the runner is horizontal.

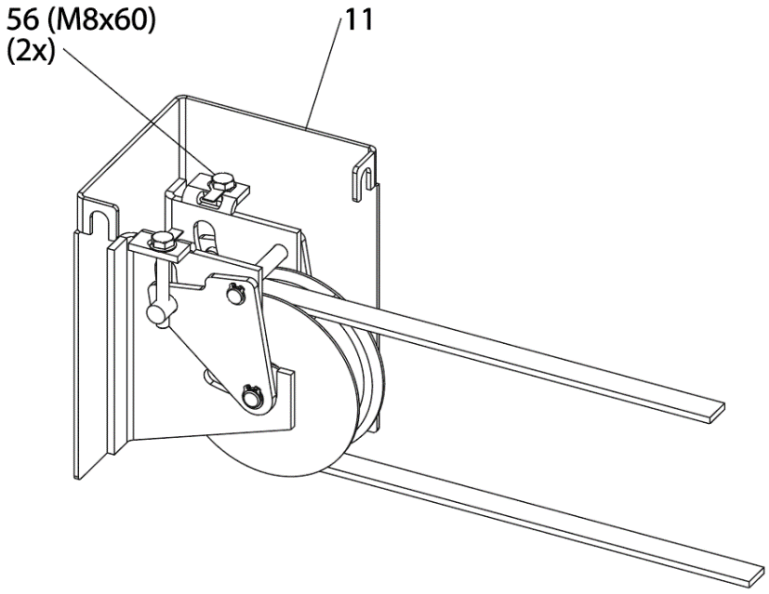


13. Place the pressure plate toothed belt over the belt, back into the carriage and lock it with the countersunk M10x40 screw.
14. Tighten the toothed belt with the 2 set screws M8x16.

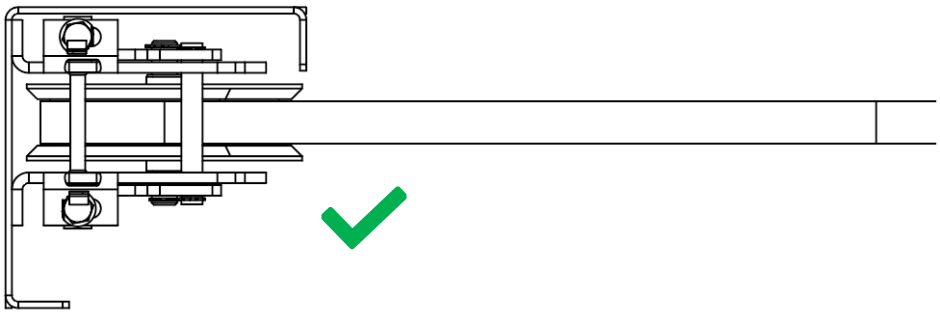


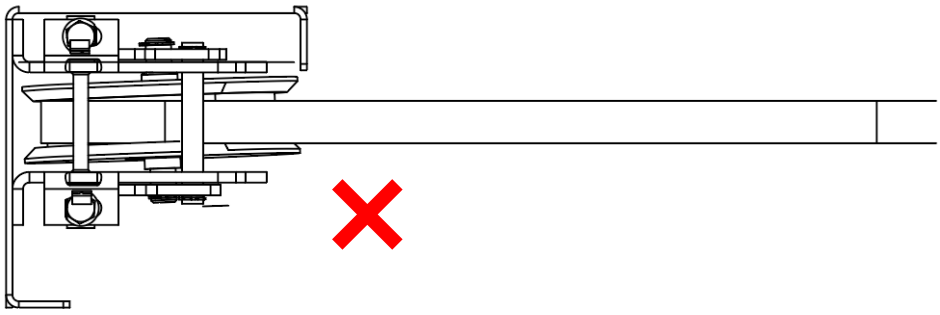
6.13 Tensioning the toothed belt

The timing belt is tensioned by tightening both hexagonal bolts M8x60 at the top of the tensioning device.

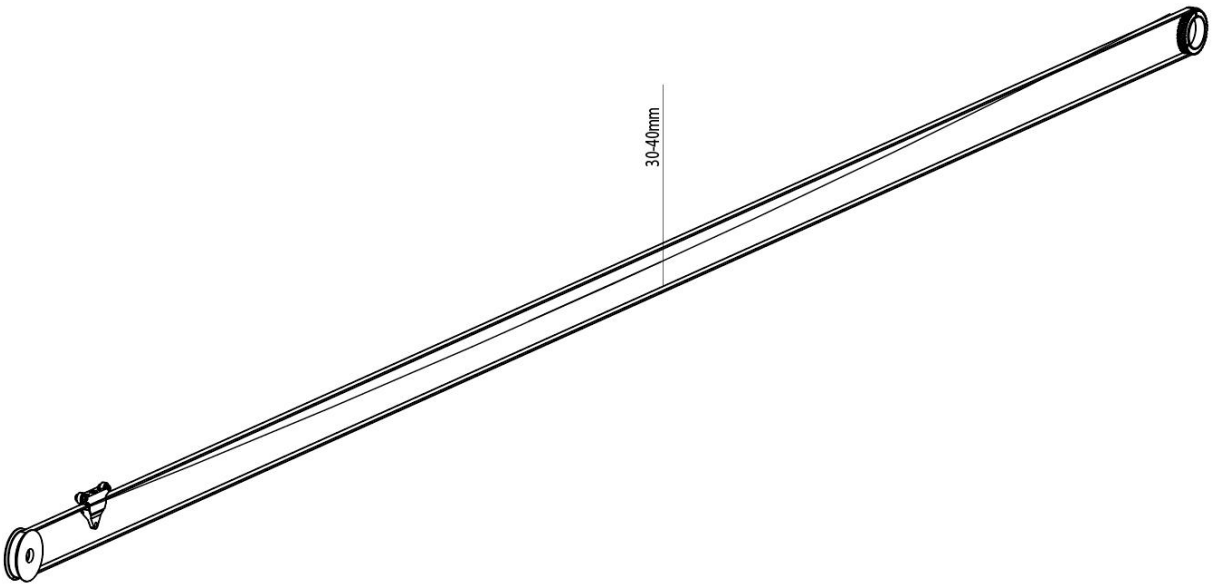


1. Tension the timing belt by tightening the M8x60 bolts
2. Tighten both bolts evenly so that the wheel sits parallel to the belt. This is important as excessive misalignment will cause the belt to be audible during operation.

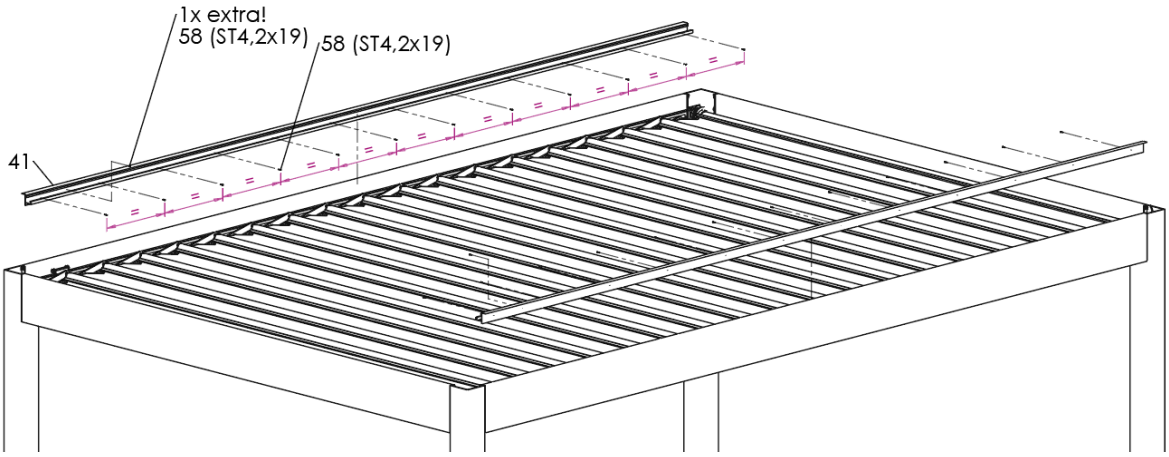




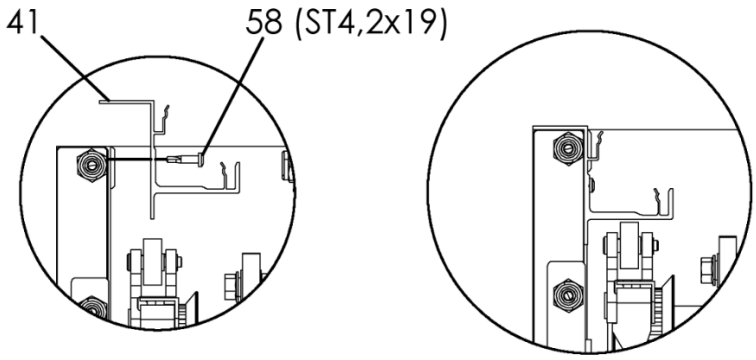
3. The tension of the belt is good if the belt just does not sag but can be pressed down 30-40 mm in the middle. A too tight belt tension will lead to excessive wear and noise.



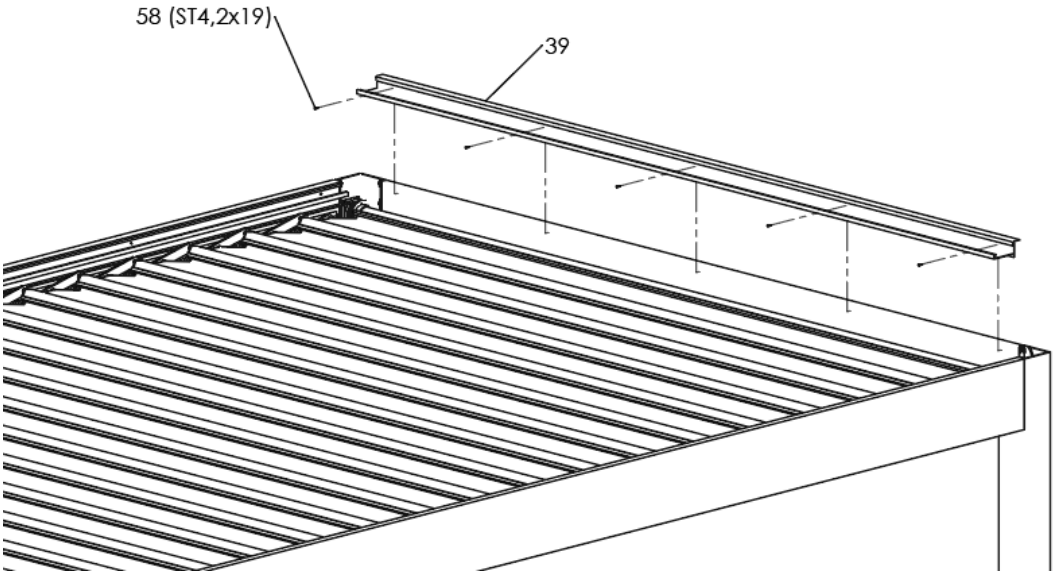
6.14 Mounting the support profiles



1. Mount the support profile runner on the gutter with the ST4,2x19 self-drilling sheet metal screws. Put these inside the drilling line, one at least every 50 cm.
2. Insert 1 additional screw between the first 2 screws on the not-motor side.

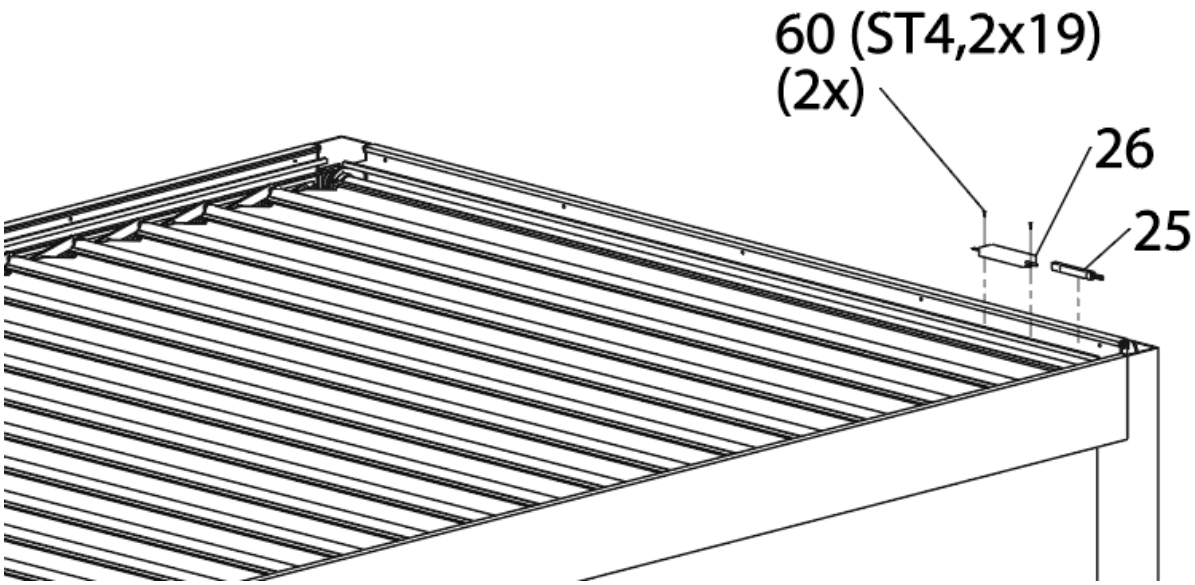


3. Mount the support profile for the electronics. Put one self-tapping screw ST4.2x19 in for at least every 60 cm.

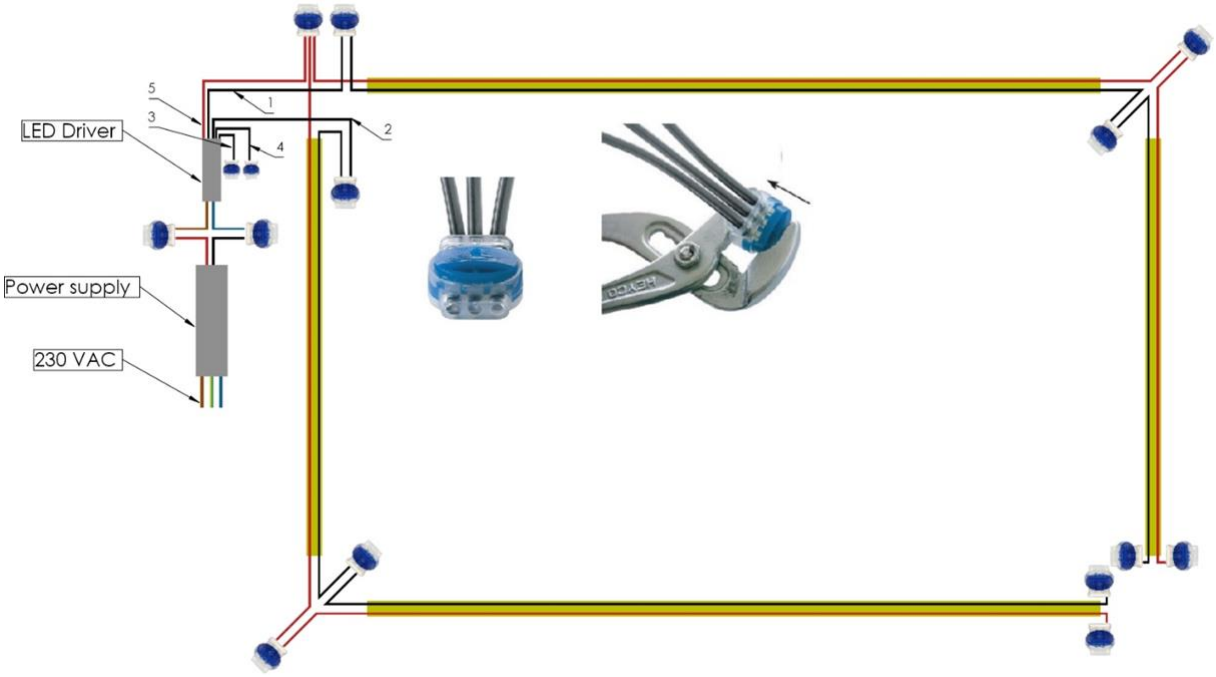


6.15 Connecting the lighting and motor

1. Switch off the main supply.
2. Place the 24 V power supply and the LED driver near the existing wiring on the support profile. Use cable ties or sealant for this.



3. Connect the power supply and LED driver to the existing wiring according to the diagram below.



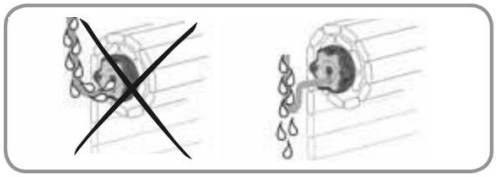
Comment 1: The LED lighting cables are soldered and therefore more vulnerable at the soldering point. Do not pull or bend intensively during installation.

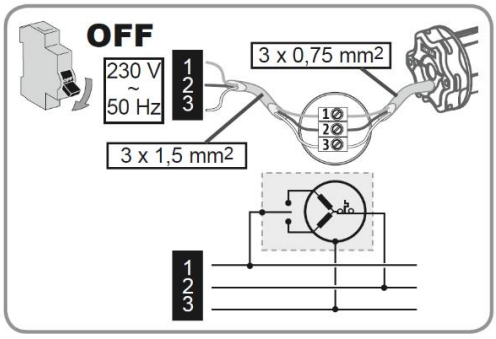
Comment 2: By using the scotchlok connector, there is no need to strip the ends of the cables.

Comment 3: Note that you can connect a maximum of 2 LED strips per channel.

Comment 4: Make sure to cap all loose wires with 1 scotchlok. Use only 1 scotchlok per loose wire. This will prevent short circuits between the wires and the frame, or the wires themselves.

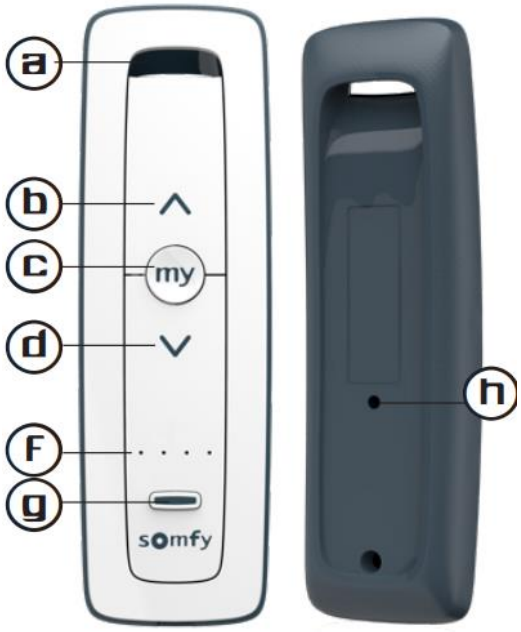
4. Connect the motor according to the figure below. Always mount the power cable with a loop so that no water can enter the motor.





	230 V ~ 50 Hz	Motorkabel
1	Bruin	Fase (F)
2	Blauw	Nul (N)
3	Geel-Groen	Aarding (⏚)

6.16 Linking the remote control



A. Wall bracket for the remote
B. Button up (on / open)
C. Button stop / ''my''
D. Button down (off / close)
F. Indicators for operating the keys and the channel selector
G. Channel selection button
H. PROG button

Remote control details:

Channels:	5
Battery type:	2430 Lithium
Battery voltage:	3V
Thickness:	22 mm
Width:	49 mm
Height:	145 mm
Colour:	White
Radio frequency:	433,42 MHz
Radio range:	20m through walls
Protection index:	IP30
Details:	Shock-resistant / For indoor use

1. **Programming the LED lighting**

Step 1: Switch on the power.

Step 2: Determine which channel of the remote control you want the LED lights connected to. Make sure the remote control is set to this channel.

Step 3: Connecting to cable group 1
Press the **Up** and **Down** buttons simultaneously. One of the LED lights will turn on and then off again. Press the **PROG** button shortly. The LED lighting will turn on and off again.
The remote control for this LED lights has been registered.

Step 4: Connecting to cable group 2
Make sure the remote control is set to the same channel as in step 3. Press the **Up** and **Down** buttons simultaneously. One of the LED lights will turn on and then off again. Press the **PROG** button shortly. The LED lighting will turn on and off again.

The remote control for this LED lights has been registered.

Removing the LED programming

Step 1: Switch off the power supply for 4 s.

Step 2: Switch on the power supply again for about 10 s (minimum 5 s and maximum 15 s).

Step 3: Switch off the power supply for 4 s.

Step 4: Switch the mains power back on. All LED lights go on and off again.

Step 5: Press the **PROG** button on the remote control until all LED lights turn on twice and then off again. The receiver is reset to its original configuration.

Lighting has been removed from the channels on your remote control.

2. Programming the motor

Step 1: Switch on the power.

Step 2: Determine which channel of the remote control you want the motor to be connected with. Make sure the remote control is set to this channel.

Step 3: Simultaneously press the **Up** and **Down** buttons: the motor will move shortly. The remote is now connected to the motor.

Step 4: Check the direction of rotation of the motor. Press the **Up** button. If the slats move in the right direction, the rotating is correct. If the slats move in the opposite direction, press the **MY** button until a movement of the motor is noticeable. The direction of rotating has now been corrected. Once again press the **Up** button to verify the change.

Step 5: Next, set the start and end points. Hold down the **Up** key and stop the motor at the desired point. If necessary, change the position of the slats using the **Up** and **Down** buttons. Then, press the **MY** and **Down** keys simultaneously; the slats now move at a continuous speed. Briefly press the **MY** key to stop the movement and proceed to the next step.

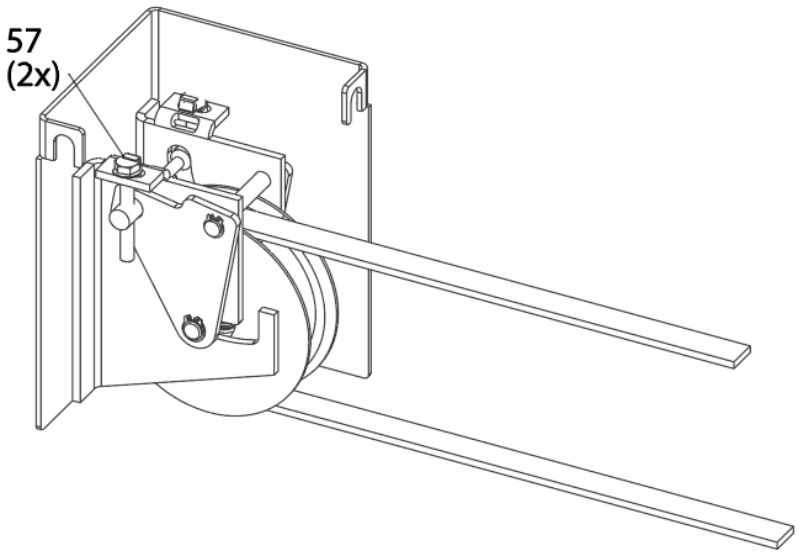
Step 6: Use the **Down** button to move the slats to the other desired end position. Then press the **MY** and **Up** buttons simultaneously. The slats will start moving. Briefly press the **MY** button to stop the movement. Press the **MY** button again until the motor moves. The endpoints have been saved.

Step 7: Briefly press the **PROG** button on the remote. The motor briefly moves.

The remote control is now linked to the motor with the correct settings.

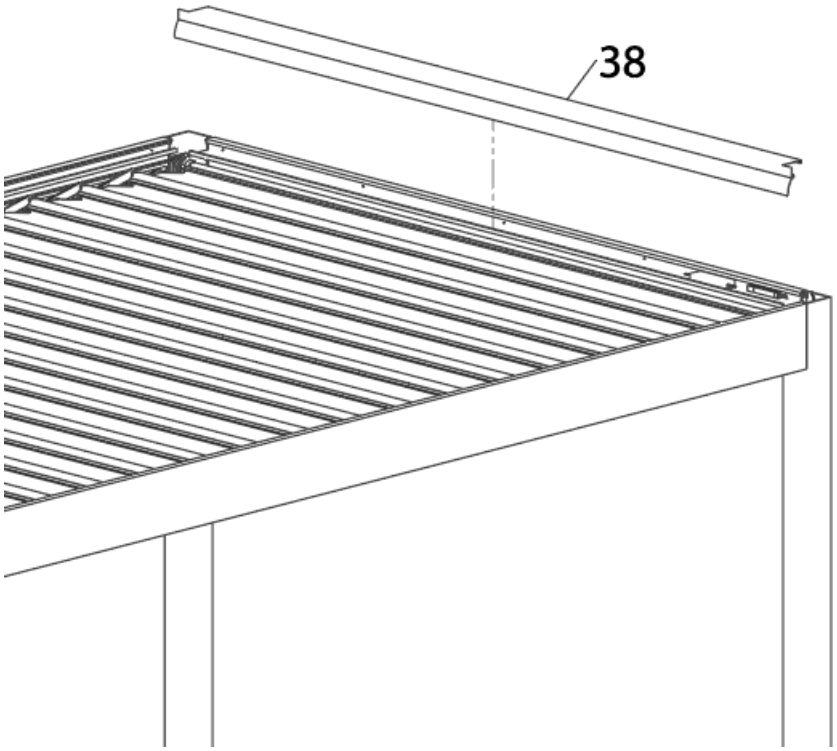
For troubleshooting and technical data, refer to the installation guide provided by Somfy.

When the veranda is satisfactorily installed, secure the M8x60 tensioning bolts by folding the provided lip lock plates around the bolt head.

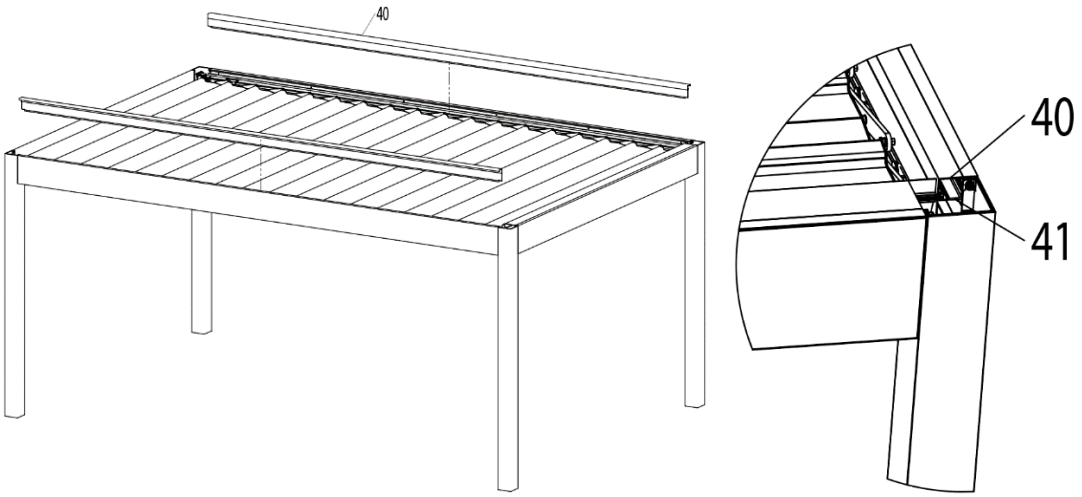


6.17 Placing the finish covers

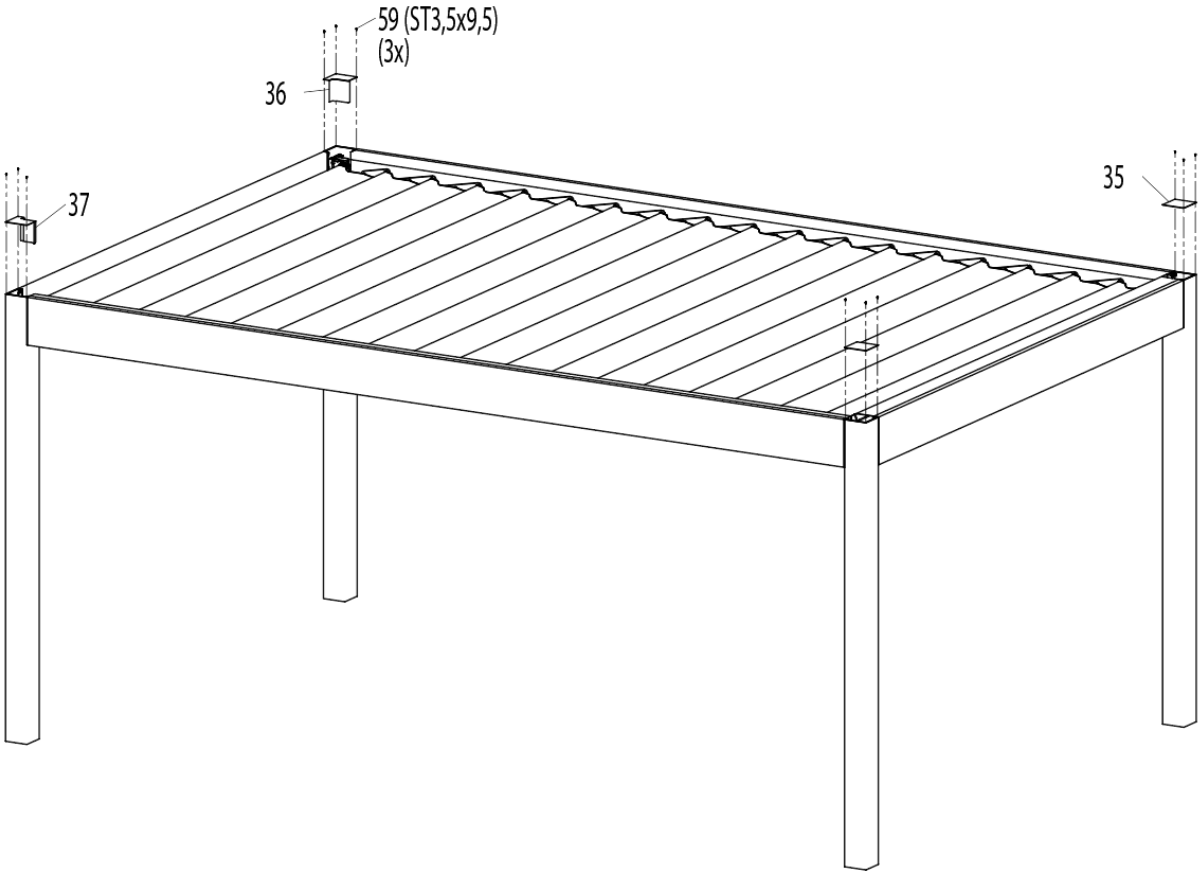
1. Click the finish cover for the electronics into the electronics support profile.



2. Click the brush profile into the support profile runner so that the brushes fall over the running wheels.



3. Fit the post cover plate and post cover left and right with screws ST3.5x9.5.



Congratulations! Your veranda is finished!

7. Maintenance

We recommend that you maintain and clean your veranda at least once a year. Check whether the screw connections are tight. If not, tighten them firmly.

The aluminium profiles and roofing sheets that are dirty can be cleaned with lukewarm water and a cleaning product.

- For cleaning and washing, use plenty of water, soft material and a sponge.
- Never use abrasives or aggressive solvents (no acids or alkalis). However, solvents (washing-up liquid and Glassex) are allowed to remove greasy dirt.
- Never use a high-pressure sprayer.

Deponti B.V. has a special cleaning product in its range. Ask your partner.

8. Waste disposal

Dispose of the product according to local laws and regulations.

9. Warranty conditions

Warranty in accordance with the warranty conditions and Deponti's general terms and conditions. These can be found on the website www.deponti.com

All manufacturing defects are covered by the warranty within the following periods.

Powder coating (Standard aluminium parts)	5 years*
Remote control and receivers	2 years
Electricity	2 years
LED lighting	2 years

** The powder coating warranty of aluminium parts is two years when the product is placed in a place where it comes into contact with salty or chemical steam (such as harbours, coast and swimming pools).*

10. Contact

Your Deponti partner is your first point of contact for questions and comments.