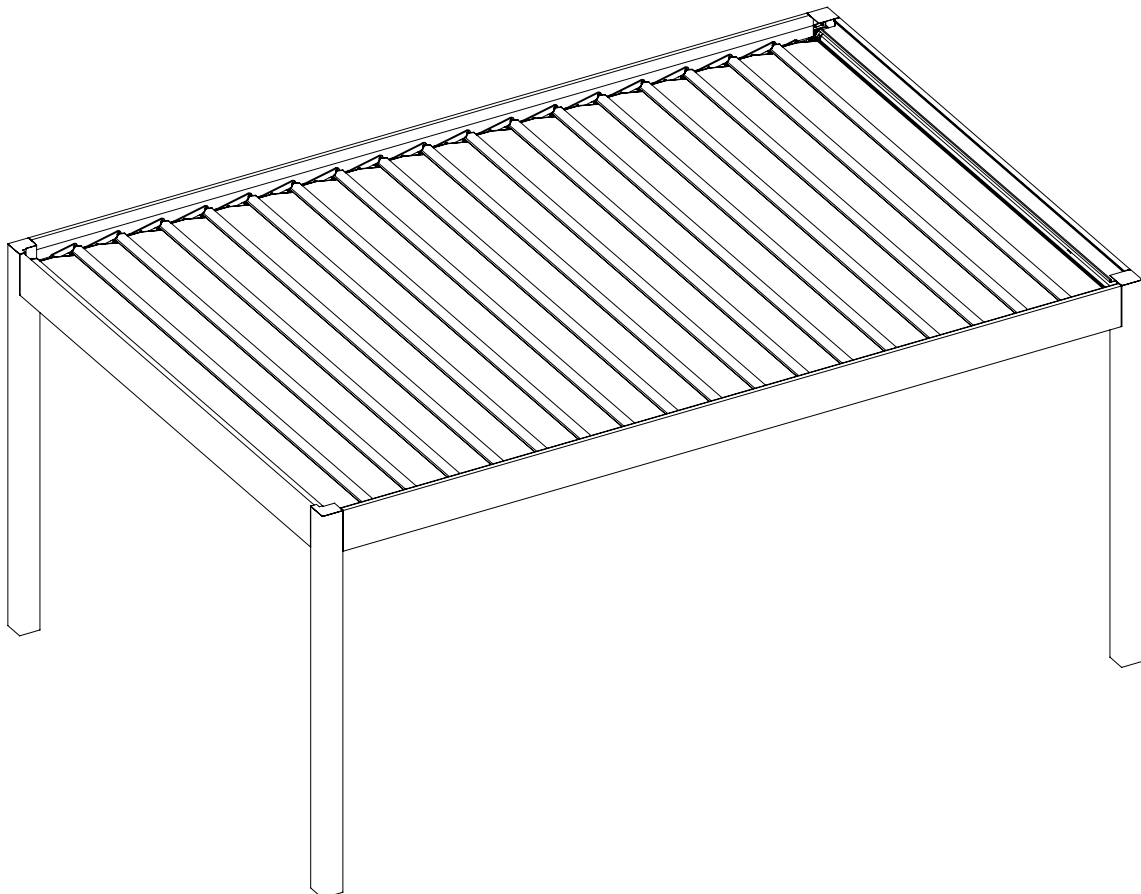




Operating / Assembly instructions Deponti Veranda

Type Pinela Deluxe Plus



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This manual should be kept for future use!

For duration and conditions regarding warranty, we recommend contacting your Deponti partner. We also refer to our General Terms and Conditions of Sale and Delivery, which are available on request. Deponti B.V. declines all responsibility for damage or injury resulting from not following these instructions carefully and not taking the usual precautions during transport, assembly, use and maintenance of the veranda. As a result of constant striving for improvement, the product may deviate in detail from what is described in these instructions. For this reason, the instructions given serve only as guidelines for installing the product mentioned in this manual. However, Deponti B.V. cannot accept responsibility for any errors in this manual or the consequences thereof. Furthermore, all rights are reserved and no part of this manual may be reproduced in any manner whatsoever.



1. Introduction

A Pinela Deluxe Plus. Even more powerful, stylish and compact.

Your customer wants to enjoy his or her veranda as soon as possible. We understand that like no other. To achieve this, it is important to assemble it carefully. That is why this manual guides you step-by-step through the assembly process. This way, you can install the veranda as easily as possible. We therefore advise you to read this manual as thoroughly as possible before starting the assembly. Then you will not be confronted with any surprises.

Before starting assembly, check that all required parts are supplied. And for your safety, observe the applicable regulations. This way, you also guarantee the safety of the installed veranda. If you have any questions, please do not hesitate to contact us.

Keep this manual in a safe, dry and shaded place. In case of damage or loss, request a new copy of the manual from Deponti.

2. Safety precautions and warnings

Important:

Before starting the veranda assembly process, read the safety precautions and warnings.

- During assembly, carefully follow the instructions and guidelines as described in this manual. Never change the order in which operations are performed. If anything is unclear regarding assembly: please contact Deponti. Technical changes reserved without written notification.
- We recommend assembly of the veranda by 2 people (qualified technicians / authorised installers) as standard.
- We recommend using material lifts when assembling the gutters.
- Please check the delivery immediately upon receipt. In the event of damage or an incomplete delivery, please contact Deponti immediately.
- Materials should be stored in a dry, ventilated area, not exposed to direct sunlight.
- Open the packaging carefully. Take care not to damage the product.
- Place the parts on a soft and clean surface. Place the profiles on a flat surface. Avoid bright sun or rain. This will prevent damage to the veranda
- The addition or omission of components, or the processing of materials other than as prescribed may adversely affect the safety of the veranda. We strongly discourage this!
- Secure the mounting location with safety tape to keep third parties at a distance.
- Never stand on the slats.

- Always wear appropriate protective clothing (work gloves, dust mask, safety glasses, non-slip shoes, etc.) when carrying out the work.
- Always place a ladder on a firm, stable surface.
- For wall mounting: mount the system against a solid and flat wall and on a flat stable foundation or stone ground. Make sure wall and ground are clean and dry.
- Make sure all fasteners are tightened properly. Check this regularly.
- Make sure you have properly sealed the veranda.
- We recommend maintaining and cleaning this veranda at least once a year.
- Dispose of the product in accordance with local laws and regulations.
- 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 allowed to remove greasy dirt.
- 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 accessories. Deponti B.V. is not responsible for any damage.

3. Product description

Even more powerful, stylish and compact. The Pinela Deluxe Plus takes the feeling of outdoor living to an extraordinary level.

The Pinela Deluxe Plus is composed of posts, gutter profiles, beams, slats, finish covers and the necessary assembly materials. This veranda is fitted with LED lighting as standard.

The Pinela Deluxe Plus is available as standard in widths of 3124, 3445, 4088, 5052, 6016 or 6980mm, by connecting verandas it can be made infinitely wide. The veranda can have a projection of 3000, 3500, 4000 or 4500mm deep.

Details

Gutter profile	145 x 300mm
Posts	Square (150 x 150mm)
Colours	Creame White Textured (RAL9016) / Antracite Textured (RAL7024) / Black Textured (RAL9005)
Roofing	Aluminium slats
Maximum height	2.8m
Width (mm)	3124 / 3445 / 4088 / 5052 / 6016 / 6980
Projection (mm)	3000 / 3500 / 4000 / 4500
LED lighting* / **	Warm white 2400K, 8 W/m, cutting length 6 LEDs/50mm

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

** The standard supplied driver supports a maximum of 30 metres of LED strip; if you want to install additional LED strips in other channels of the gutter profiles or connect multiple LED strips, please take the maximum driver capacity into account.

A Deponti veranda can be installed on an existing foundation or stone base. To do this, order the blind assembly feet in our order portal.

Dimensions of the slats in the open position

Width (mm)	X (mm)
3124	788
3445	850
4088	974
5052	1161
6016	1348
6980	1534





3.1 Snow and Wind load

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.

The tables below are 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 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 lifespan of the roof.

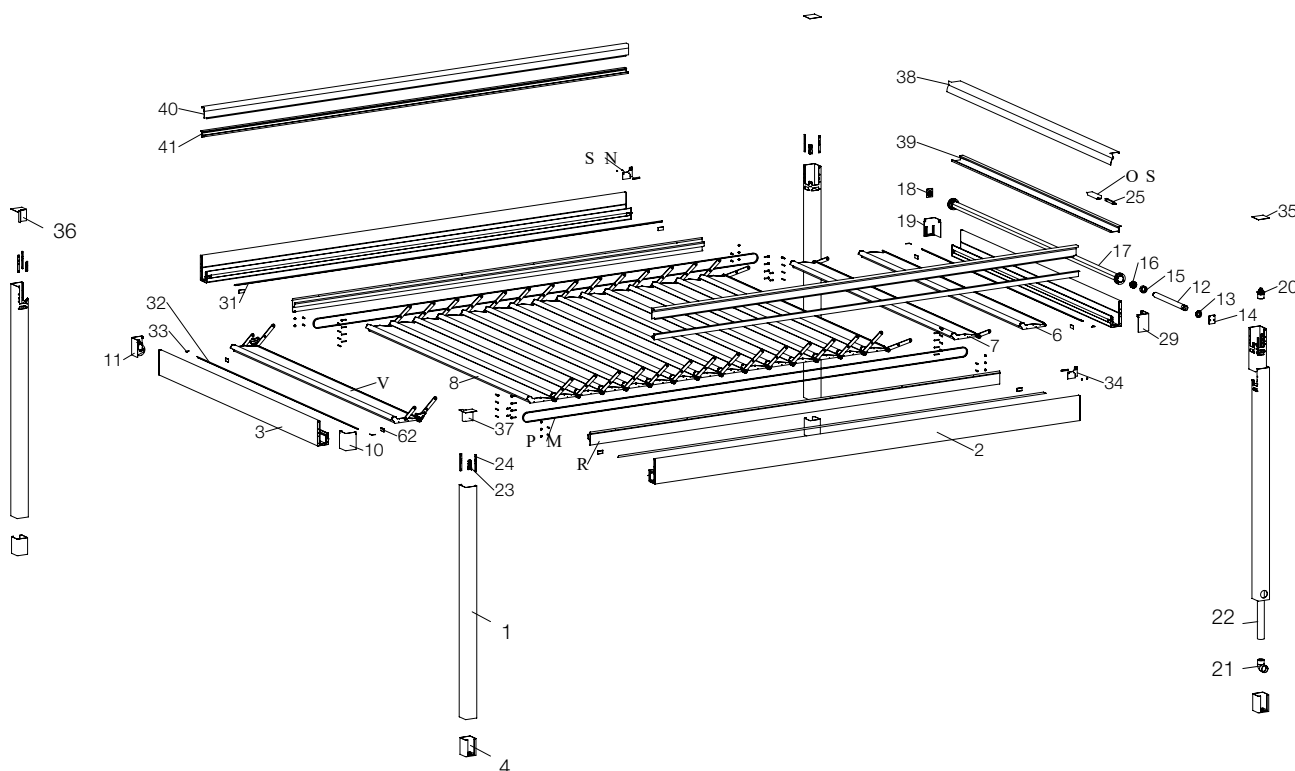
Size of veranda (Width x Projection)	Max. load downwards		Max. wind suction
	(kN/m ²)	(kg/m ²)	(kN/m ²)
3124 x 3000	4,20	428,1	4,55
3445 x 3000	4,20	428,1	4,55
4088 x 3000	4,20	428,1	4,55
5052 x 3000	4,20	428,1	4,55
6016 x 3000	3,24	330,3	3,52
6980 x 3000	2,03	206,9	2,39
3124 x 3500	2,46	250,8	2,82
3445 x 3500	2,46	250,8	2,82
4088 x 3500	2,46	250,8	2,82
5052 x 3500	2,46	250,8	2,82
6016 x 3500	2,46	250,8	2,82
6980 x 3500	1,72	175,3	2,08
3124 x 4000	1,53	155,9	1,89
3445 x 4000	1,53	155,9	1,89
4088 x 4000	1,53	155,9	1,89
5052 x 4000	1,53	155,9	1,89
6016 x 4000	1,53	155,9	1,89
6980 x 4000	1,48	150,8	1,84
3124 x 4500	0,99	100,9	1,35
3445 x 4500	0,99	100,9	1,35
4088 x 4500	0,99	100,9	1,35
5052 x 4500	0,99	100,9	1,35
6016 x 4500	0,99	100,9	1,35
6980 x 4500	0,99	100,9	1,35

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



4. Parts overview

4.1 Exploded view



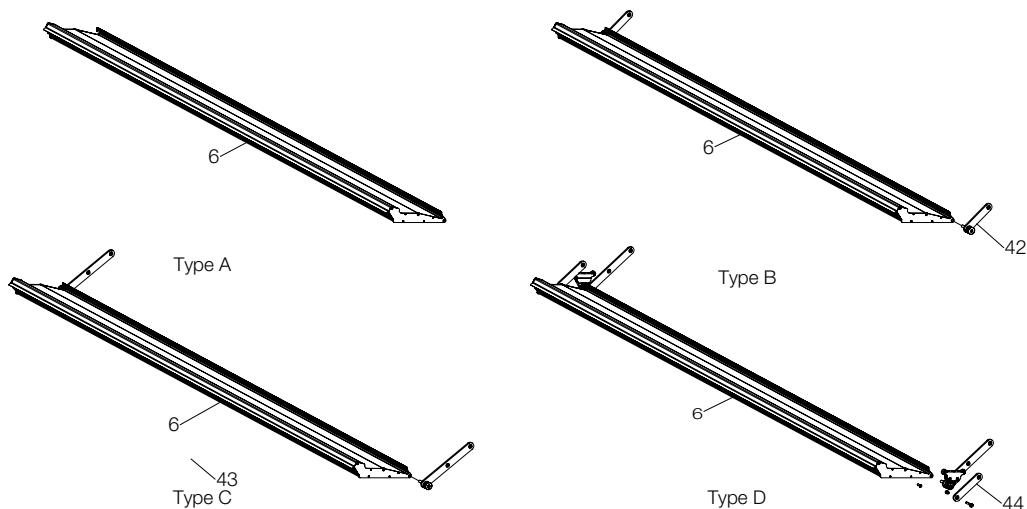
Overview of slat types

Type A:
standard slat (no. 6)

Type B:
standard slat with rod set B
(no. 42)

Type C:
standard slat with rod set C
(No. 43)

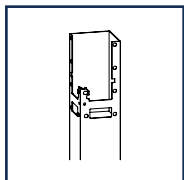
Type D:
Standard slat with rod set D
(No. 44)



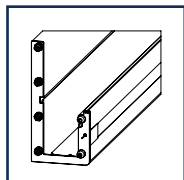


4.2 Parts list

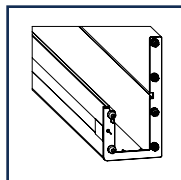
Using the order form, carefully check the parts delivered for quantity and quality. Any visible defects should be reported in writing within 7 days of delivery.



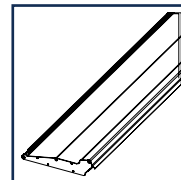
01. Posts



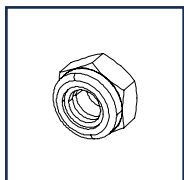
02. Gutter profile projection



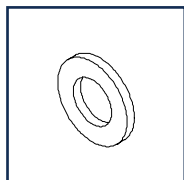
03. Gutter profile Width



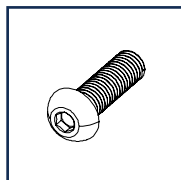
06/07/08/09. Slat



51. Locknut M10

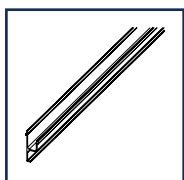


63. Washer M10

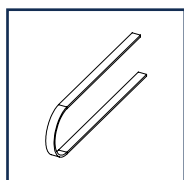


64. Hexagon socket head screw M10x35

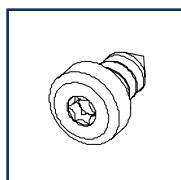
Walking profile package



05. Running profile

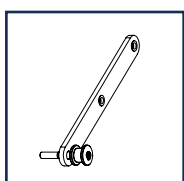


30. Timing belt

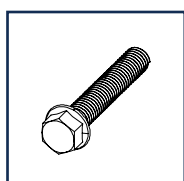


50. Plate screw ST5.5x13

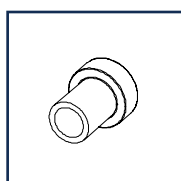
Hinge bar C package



43. Rod set slat type C



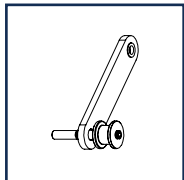
46. Hexagonal flange bolt M8x55



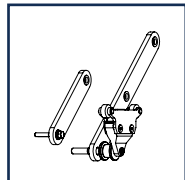
47. Slat bushing distance



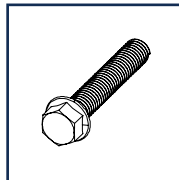
Hinge bar A, B, D package



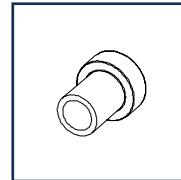
42. Rod set slat type B



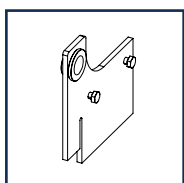
44. Rod set slat type D



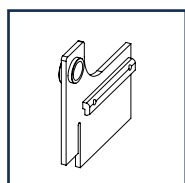
46. Hexagonal flange bolt M8x55



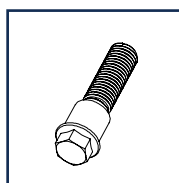
47. Slat bushing distance



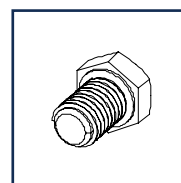
34. Suspension slat type A left



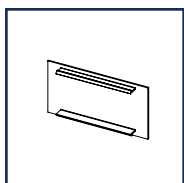
61. Slat suspension type A right



45. Screw slat type A

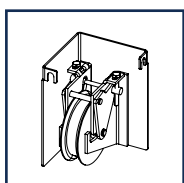


49. Hex bolt M6x10

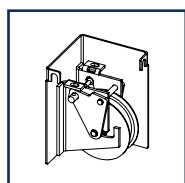


62. End cap LED window

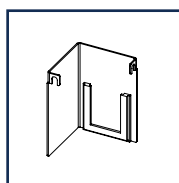
Corner pieces package



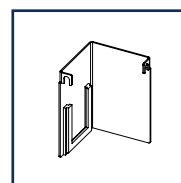
10. Clamping device left



11. Clamping device, right

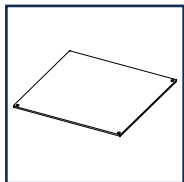


19. Side-panel housing on the right

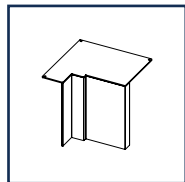


29. Upright left

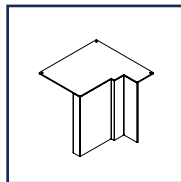
Post caps package



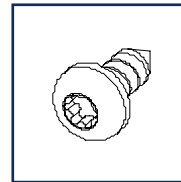
35. Post cover plate



36. Post side cover right

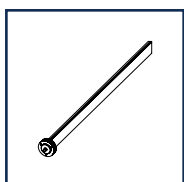


37. Post side cover left

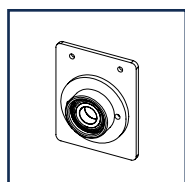


59. Plate screw
ST3.5x9.5

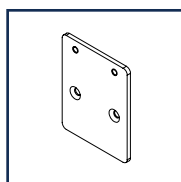
Projection package



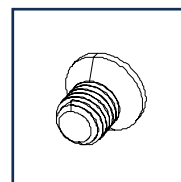
17. Tube



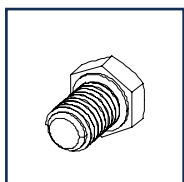
18. Mounting plate
bearing housing



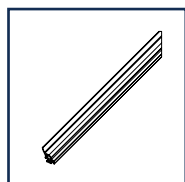
14. Motor mounting plate



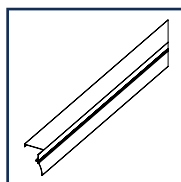
48. Screw countersunk
head M6x10



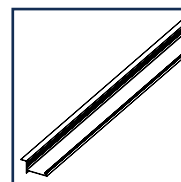
49. Hex bolt M6x10



31. Gutter rubber
Projection

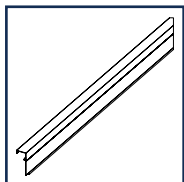


38. Side cover electronics

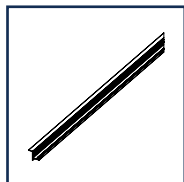


39. Support profile
electronics

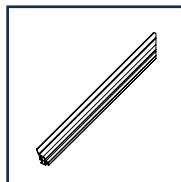
Width of package



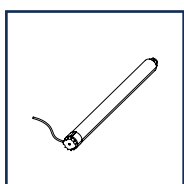
40. Brush profile



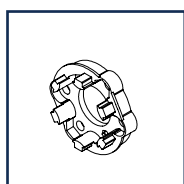
41. Support profile runner



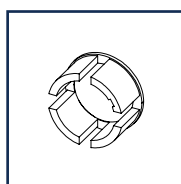
32. Gutter rubber width



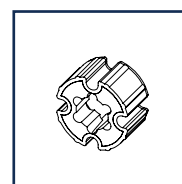
12. Tubular motor



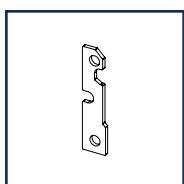
13. Motor adapter



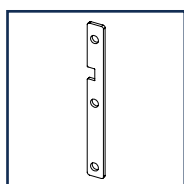
15. Tube adapter



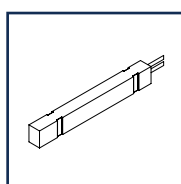
16. Tracking System



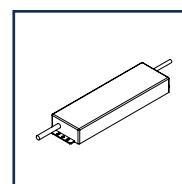
23. Pressure distribution plate small



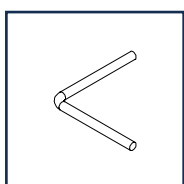
24. Pressure distribution plate Large



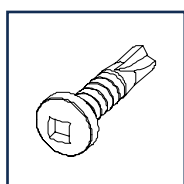
25. Somfy IO receiver for white LEDs



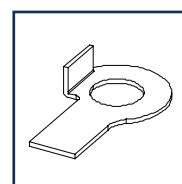
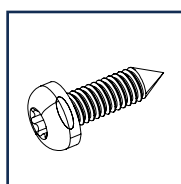
26. Power supply LED



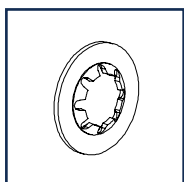
33. Gutter rubber connecting pin



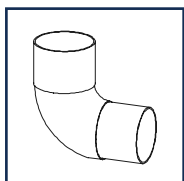
58. Plate screw self-drilling Screw ST2.9x9.5mm ST4,2x19



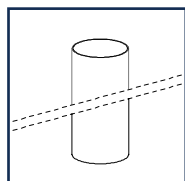
57. Lip lock plate



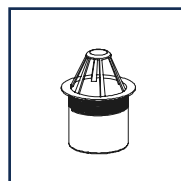
65. Starlock 6mm



21. 90° rainwater discharge sleeve



22. Rainwater discharge pipe Ø80mm



20. Leaf catcher Ø80mm

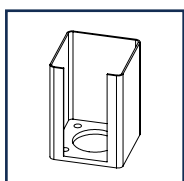


27. Scotchlok

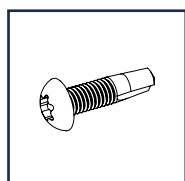


28. Remote control
Situatio 5

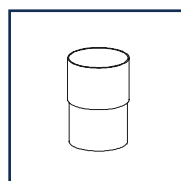
Optional



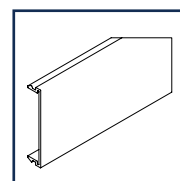
04. Mounting base



Screw 6.3x25mm



Rainwater discharge sleeve



Cover strip LED window



5. Preparation for assembly

5.1 Conditions for assembly

Surface & facade

- Ensure a good flat stable surface for the erection of this veranda.
- The location where the veranda is to be installed must be ready for construction and free of obstacles (garden furniture, flower boxes, etc.) so that fitters can carry out their work unhindered.
- The subsoil should be clear of obstacles such as NUTS pipes (such as power cables, etc.), roots and debris.
- The facade should be free of blinds etc.
- The place where the wall profile will be placed should be solid, level and flat.

Posts & linked verandas

- Maximum dimension between posts is 7 metres.
- Separate gutter connectors must be used for linked verandas.

Assembly at walls

- In connection with the expansion of the materials, the veranda should not be placed tightly between two walls, but must be kept 1.5 mm free per width metre of the veranda

Screws and drills

- With the veranda, Deponti supplies special screws 4.2x19 mm and 4.2x32 mm made of stainless steel (RVS).

Please note: pre-drill each screw with a 3 mm drill bit (unless otherwise stated)! If you screw them through while they are already tight, the screw head may break off. Screwing carefully, in the appropriate position of the screwdriver, is recommended.

Note: never drill and screw through the PVC rainwater discharge pipe in one of the posts.

Sealant

- Deponti sealant is available in the colours traffic white, black and anthracite. This sealant has been specially selected for watertight sealing of aluminium to aluminium or to most building materials such as stone (walls), concrete, etc. Follow the instructions on the tube!

Note: The sealant's optimum application temperature is +5 °C to +40 °C.

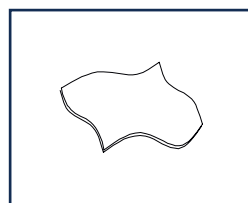
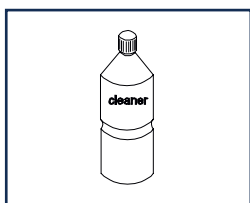
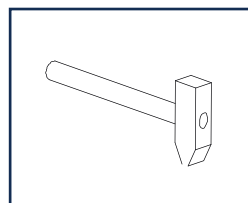
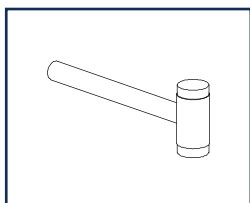
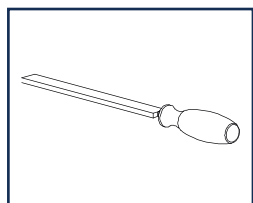
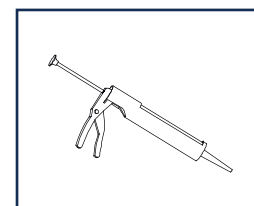
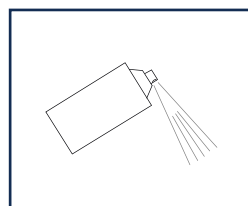
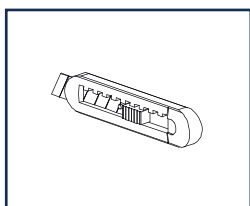
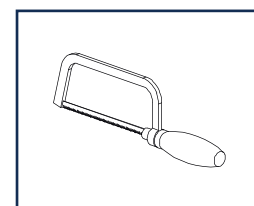
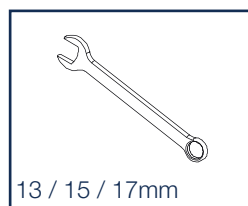
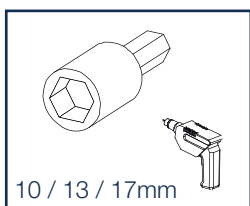
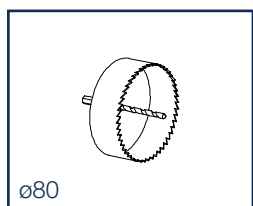
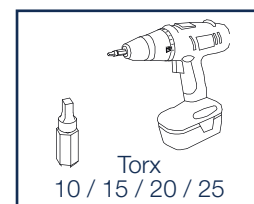
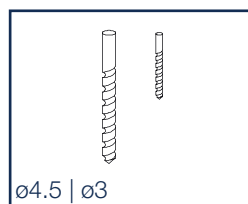
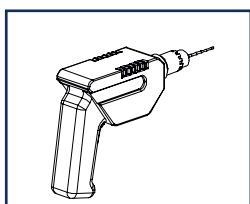
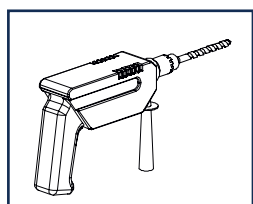
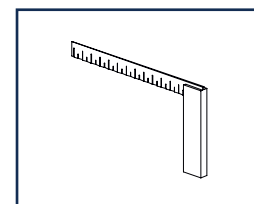
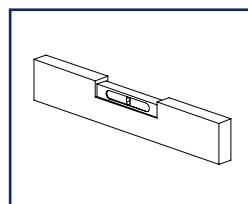
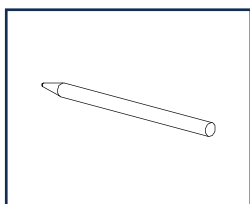
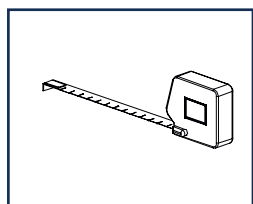
Rubbers

- The Pinela Deluxe Plus veranda is equipped with loose and pre-fitted black rubbers as standard.
- Should the rubber seals be deformed, they can easily be made straight again with some heat, e.g. a hot air fan or hair dryer.
- **Remove protective foil**
We recommend removing the protective foil from the aluminium components only as a last step, to prevent possible damage. Do remove the protective film several centimetres during assembly, so that it does not get stuck between the profiles. Otherwise it will be difficult to remove it afterwards.

Please note: The warranty will be voided if the Pinela Deluxe Plus veranda by Deponti is not assembled and installed in accordance with the guidelines.



5.2 Tools and accessories



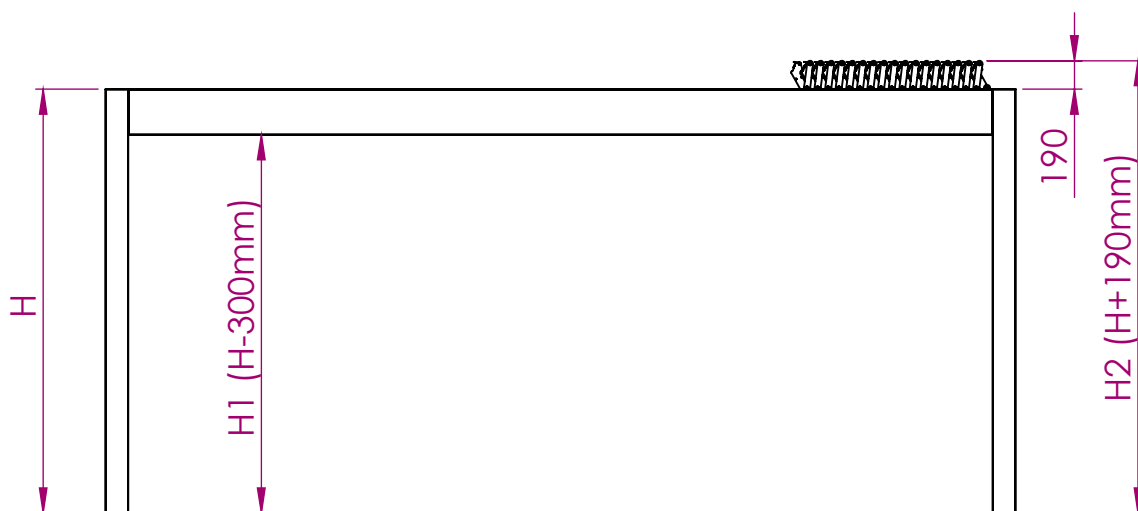


6. Assembly

6.1 Determine height

Determine the height of the veranda. Please note that the maximum height of the veranda should be 2800mm from ground level to the top of the gutter.

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





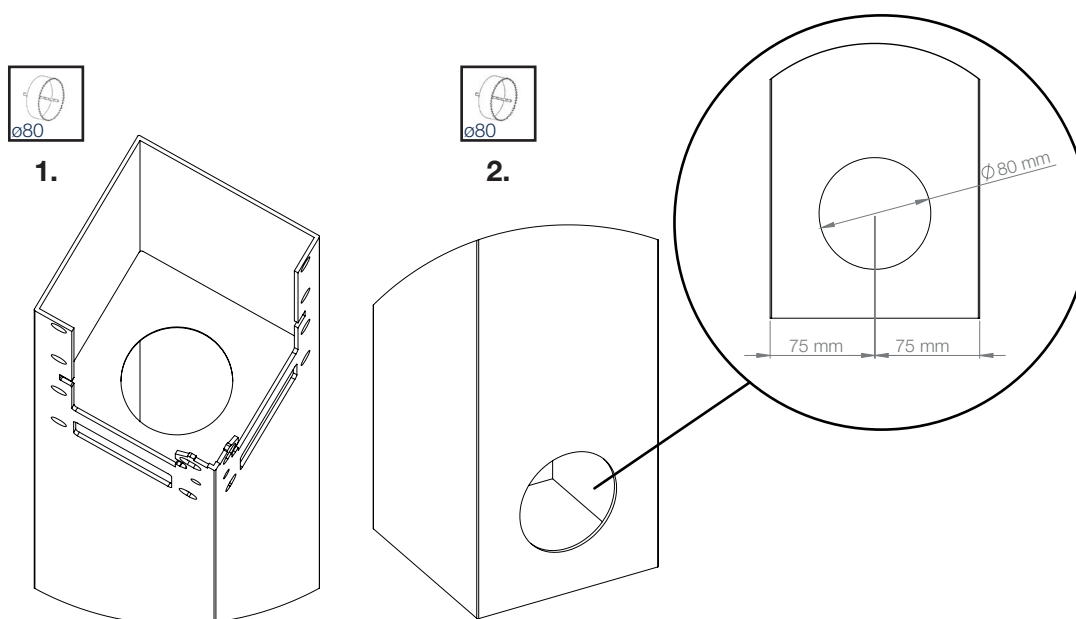
6.2 Rainwater discharge

Step 1

Determine in which post you want the rainwater discharge (and leaf catcher) and now carefully drill the $\varnothing 80$ mm hole in the top of the post using the hole saw. This is where the leaf catcher will later be placed.

Step 2

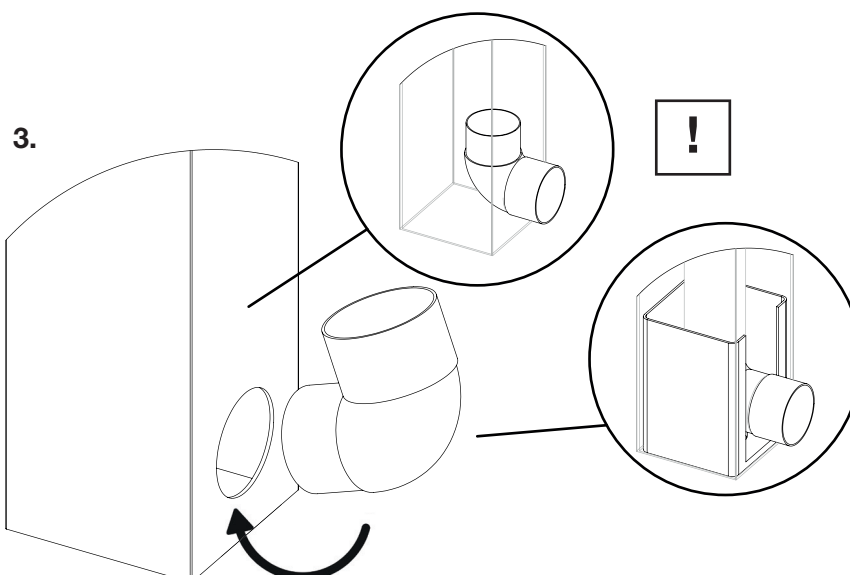
Determine on which side and height of the post you want the outlet of the rainwater discharge. Using the hole saw, drill the $\varnothing 80$ mm hole in the middle of the post. Keep in mind with the height that the RWD can be below ground level (on a drainpipe), or just above ground level.



Step 3

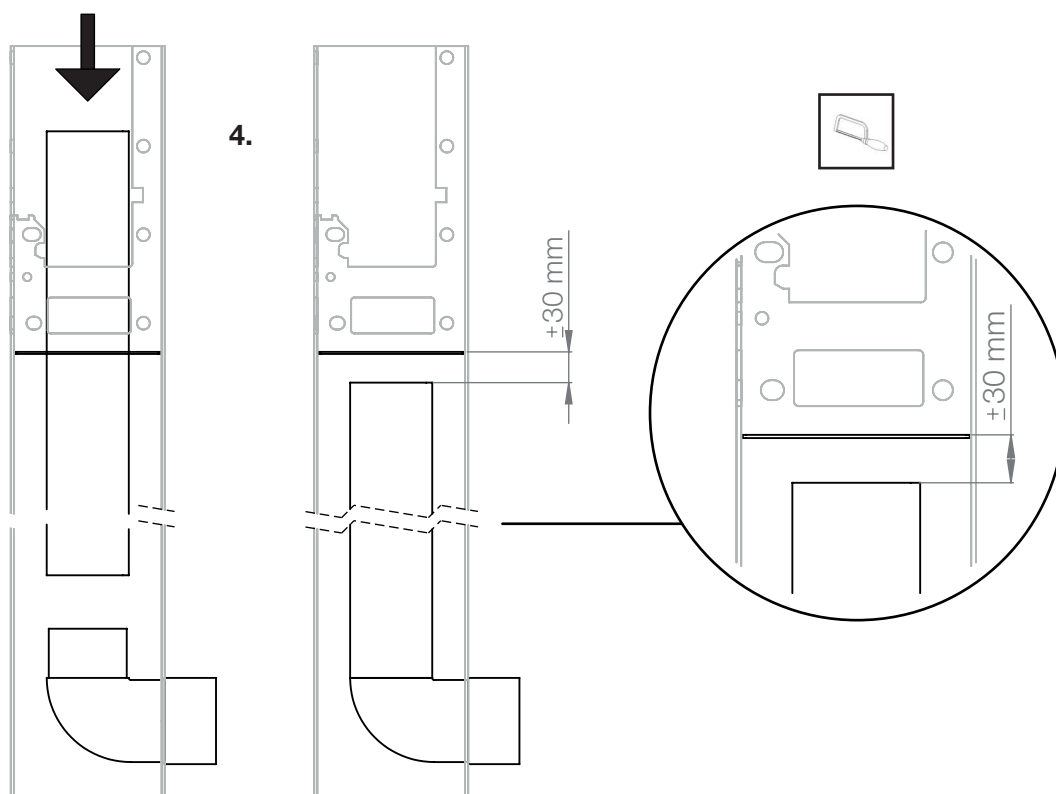
Place the RWD bend in the hole at the bottom of the post.

Note: when using blind mounting feet, make sure the opening of the foot is in the same position as the outlet in the post.



**Step 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 $\pm 30\text{mm}$ below the plate of the post.



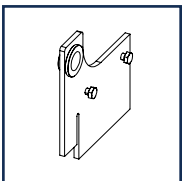
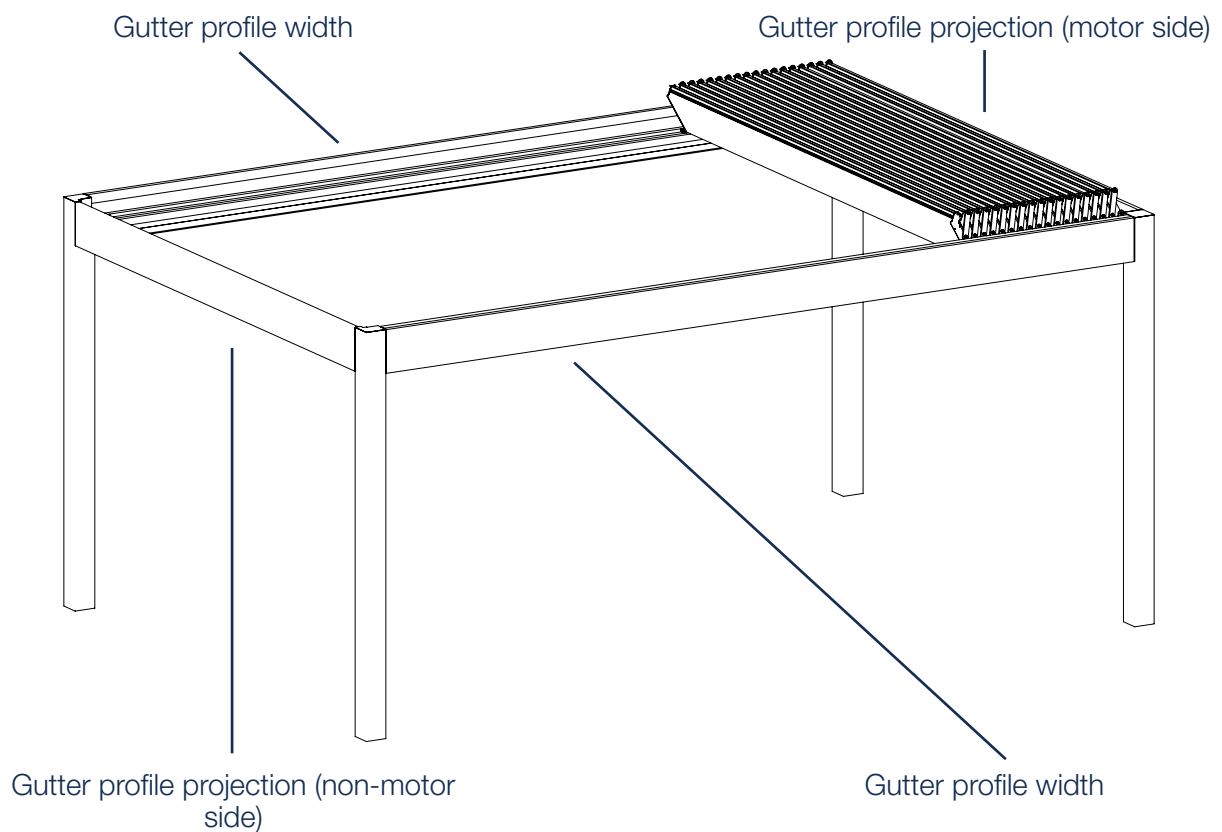


6.3 Preparation of gutter profiles

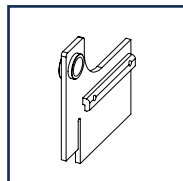
Determine which side of the hood the motor should be placed on. This will also be the side where the slat package is located when open.

Before the gutters can be installed, they still need to be fitted with rubber seals and slotted nuts. The rubber seals are packed in the Projection and width package.

The slotted nuts are packed in the packaging "hinge bar set ABD". And pre-assembled on the brackets suspension slat type A left and right.



34. Suspension slat type A left



61. Slat suspension type A right

Step 1

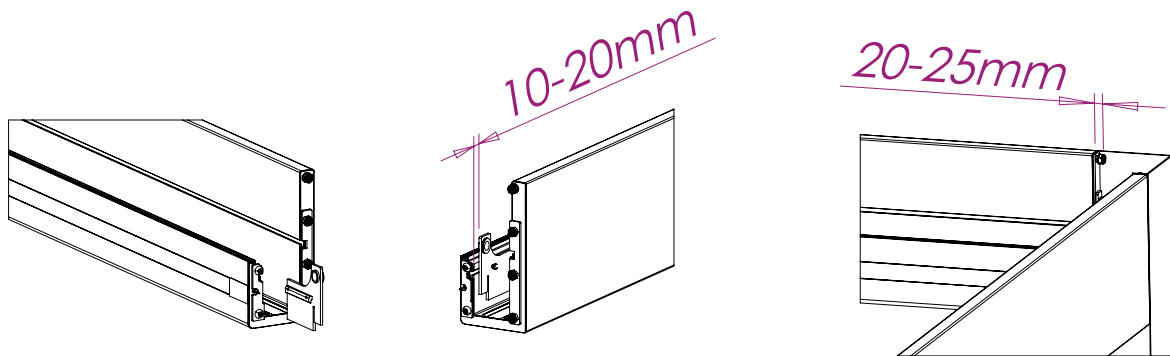
Slide the brackets suspension with the slotted nuts approximately 10-20mm into the two width gutter profiles, one per gutter profile. These brackets should be placed on the motor side of the width profiles.

Step 2

Temporarily tighten the M6 bolt brackets hand-tight.

Step 3

Check the distances of the pre-assembled threaded ends. The threaded ends should not protrude further than 20mm.



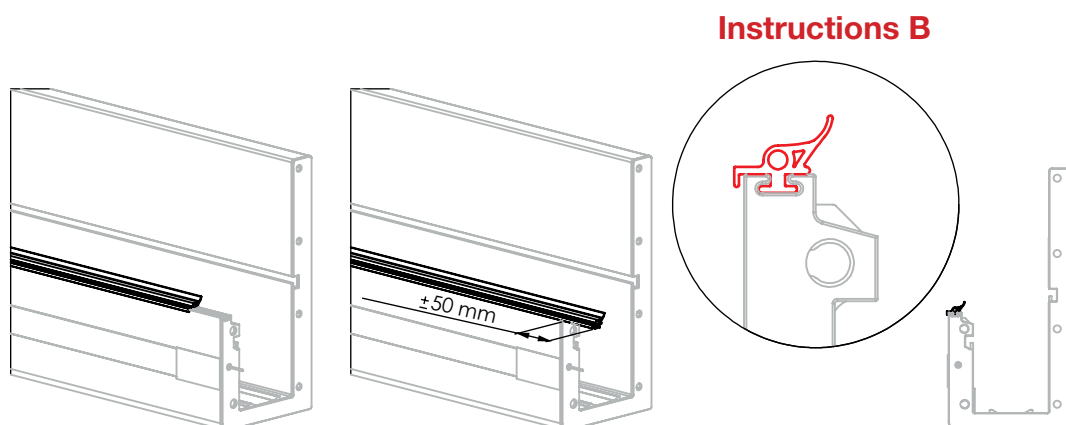
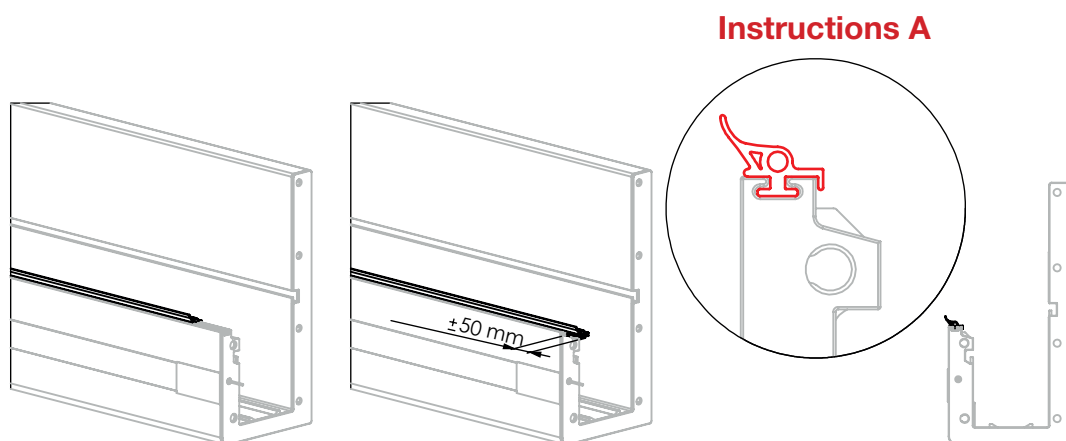
Step 4

Place the rubber seals in the gutter profiles as shown in the images below, instructions A. Make sure that the rubber extends at least 50 mm beyond the gutter profile. If necessary, some silicone spray can be used for this.

Please note that for the gutter profile projection (non-motor side), the rubber seal must be mounted the other way round. See instructions B for this.

Instructions A

Position rubbers for: Gutter profile width (x2) and projection on the motor side: **the rubber must face inward into the veranda**. Pull the rubbers into the gutter profiles. Make sure the lip of the rubbers points inwards and protrudes 50mm from the profile.



Instructions B.

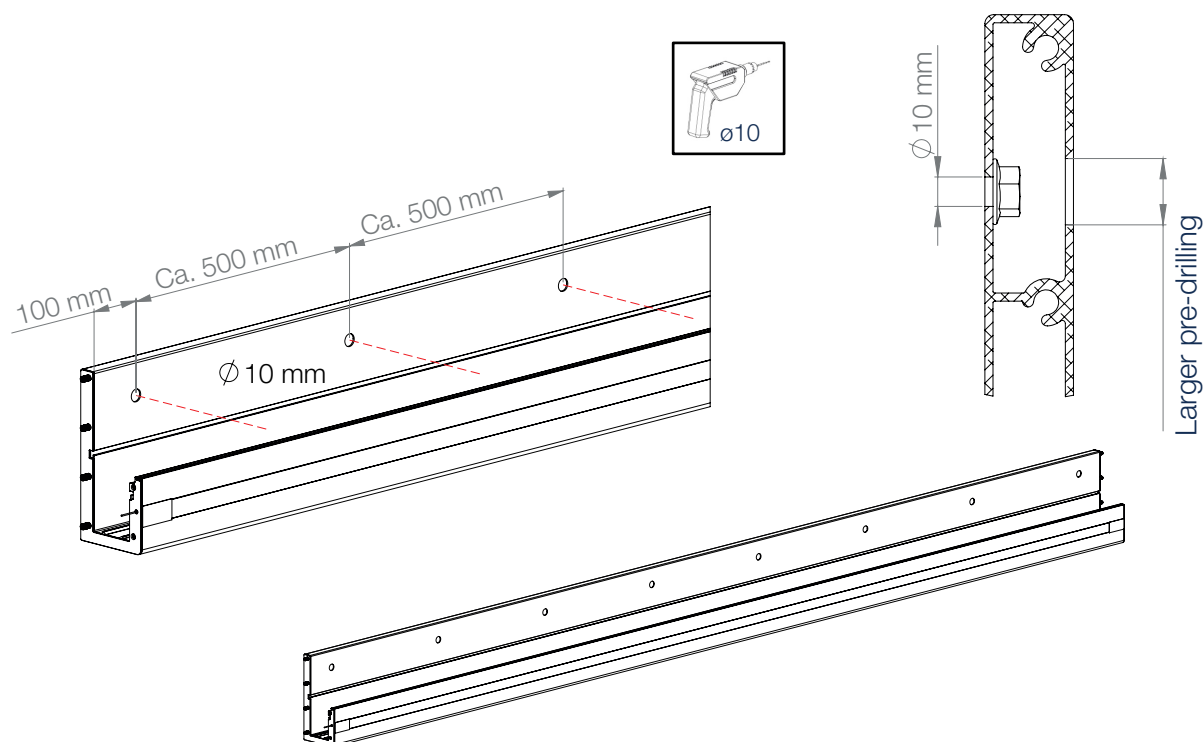
Position rubbers for: Gutter profile projection on the non-motor side: **the rubber must face outward**. Pull the rubber seal into the last gutter profile. Make sure the lip of the rubber seal points outwards and protrudes 50mm from the profile.



6.4 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.

Note: before you start working with the gutters, make sure the LED strips are pulled into the lower channel. There is a series of gutters produced where this is not yet the case and the LED strips are loose in them.



Step 1

Decide which gutter you want to attach to the wall. Drill holes in this gutter approximately 500mm apart. Start about 100mm from one end and end about 100mm from the other end. Pre-drill the front holes larger so that the fixing material is recessed.



Step 2

Apply sealant to the gutters' gaskets as shown in the picture below. Repeat for each gutter as you go to assemble it.

Step 3

Slide the gutter into the Corner pieces as shown in the image below.

Note: make sure the LED cable is through the hole of the corner piece.

Step 4

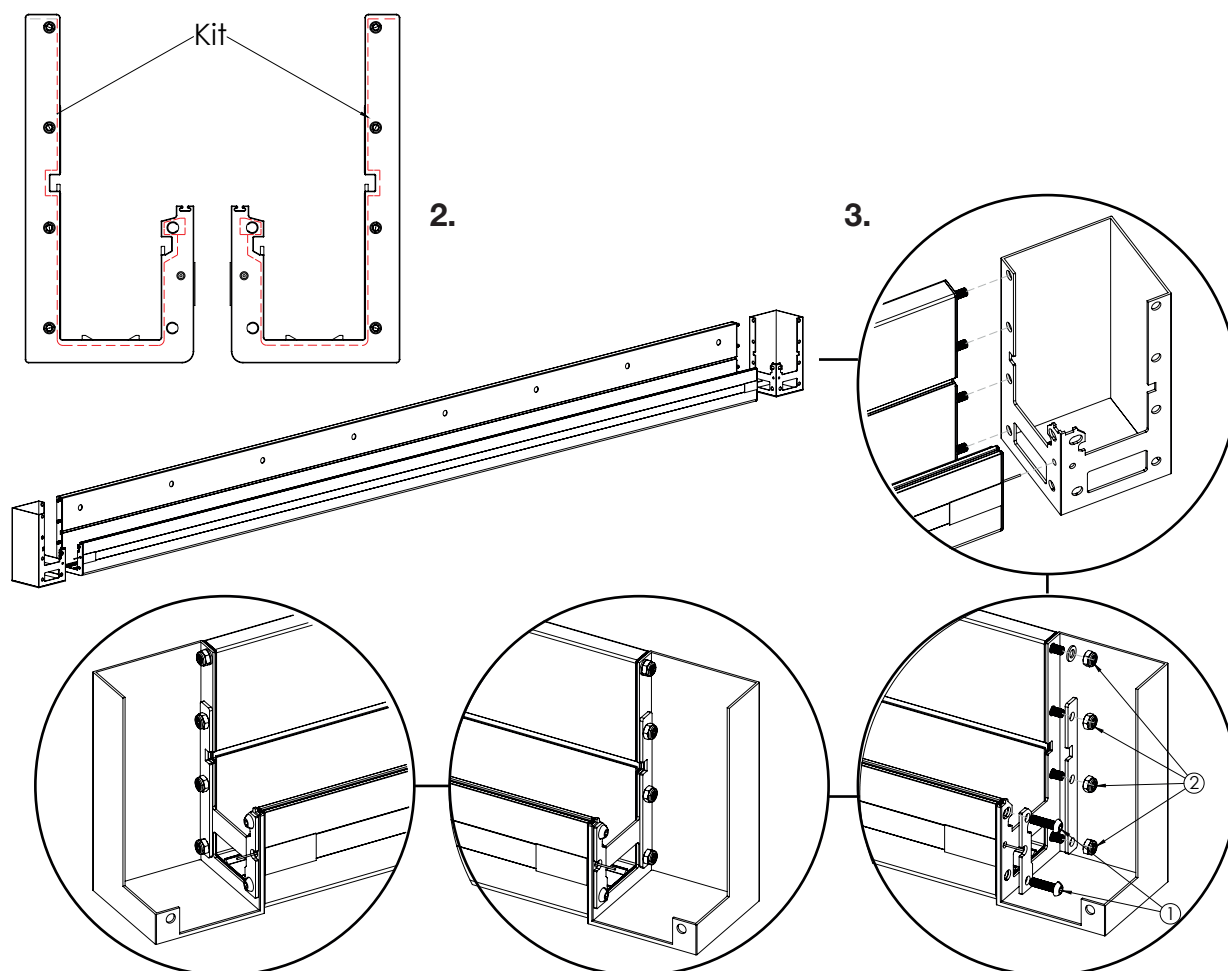
Attach the large pressure distribution plates together with the washers and locknuts to the threaded rods according to the illustration below. Ensure that the recess of the pressure distribution plate coincides with the groove in the gutter. Tighten the locknuts only a few turns.

Step 5

Then attach the small distribution plates with the M10 screws. Take care not to pinch the LED cabling.

Step 6

Only then tighten everything evenly (crosswise). Attach the large pressure distribution plates to the threaded rods together with the rivet washers and lock nuts. Only tighten the locknuts a few turns.

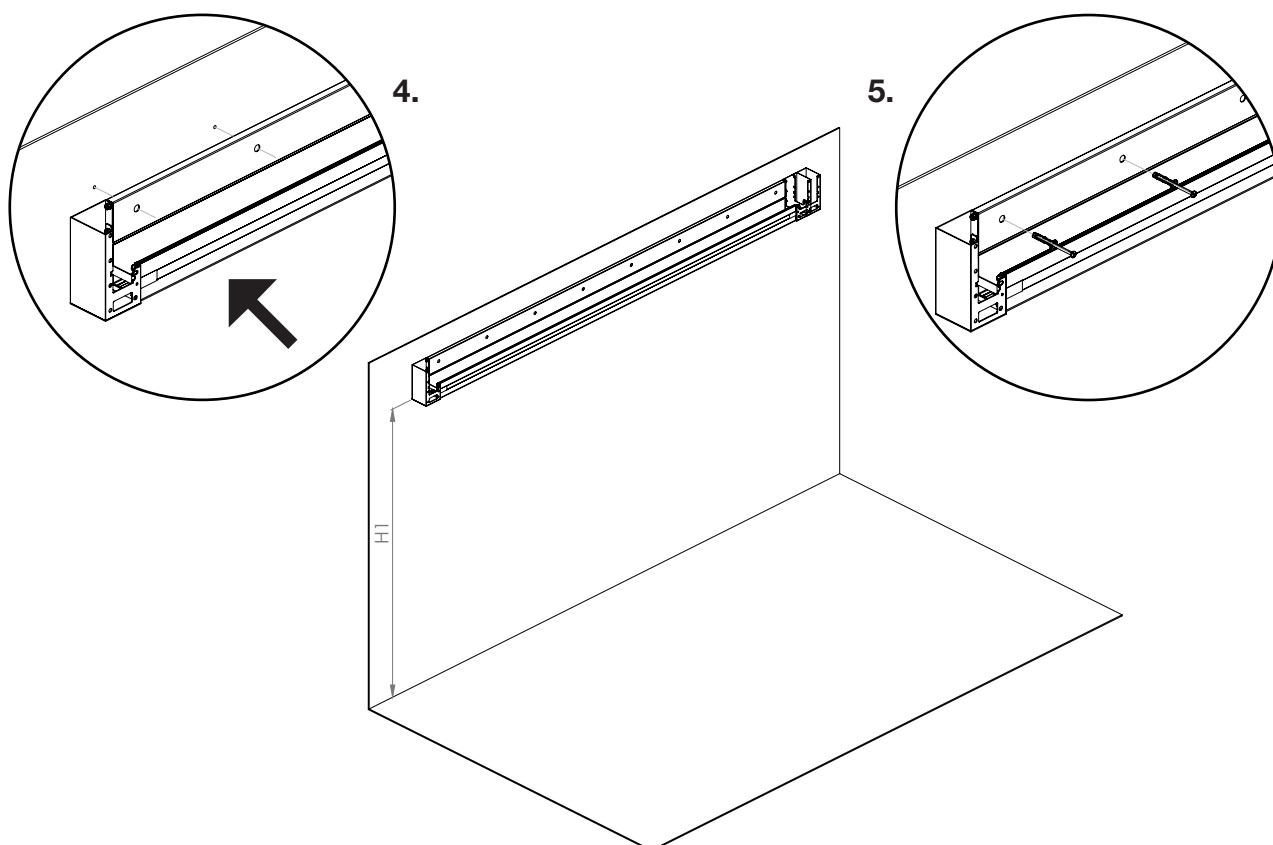


**Step 7**

Place the gutter against the wall at the desired height and then mark the holes as you have pre-drilled them in the wall profile. Now drill holes with the appropriate drill bit. Make sure the gutter hangs level.

Step 8

Secure the gutter. Provide your own fasteners.



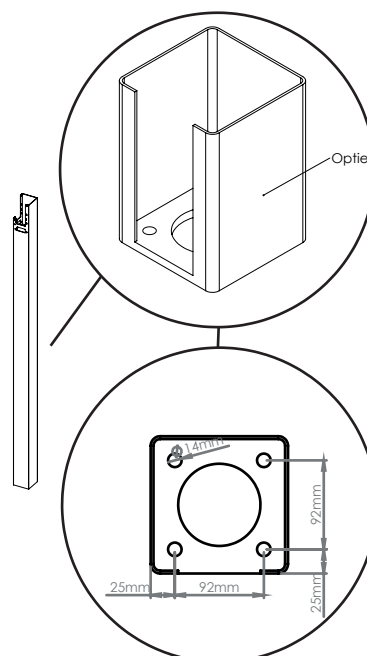
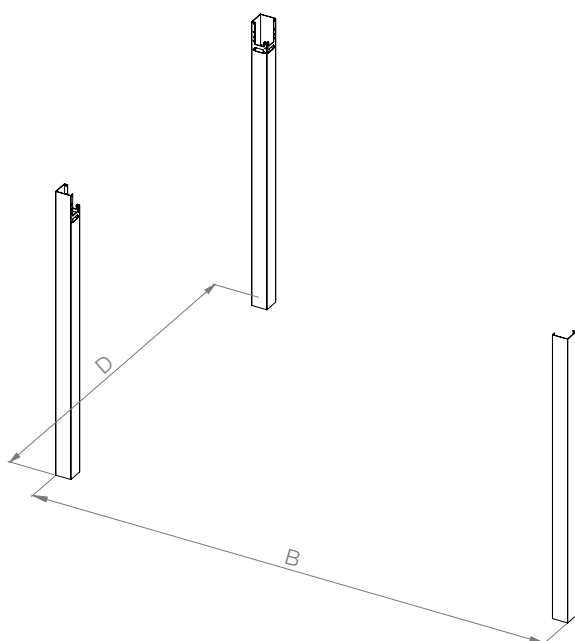


6.5 Fixing the posts

Step 1

Determine the positions of the posts on the terrace and the optional blind mounting bases. Make sure the positions are completely perpendicular and check that the height is level. You can find the correct position of the posts in table 6.6.1.

Note: When using the blind mounting bases, first attach them to the surface. The correct position of the Mounting bases can be found in Table 6.6.2. For fixing the base to the substrate, we recommend using M12 5.8 Hilti-HY 200 anchor with a bonding depth of 170mm.



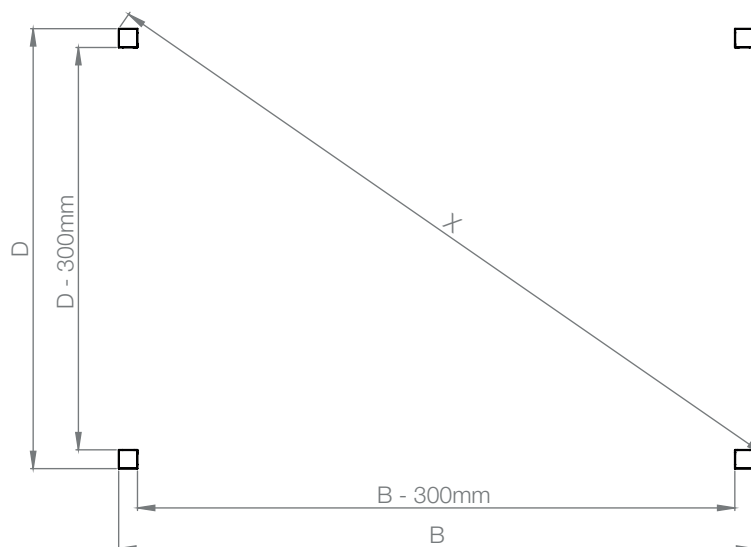


Step 2 Post outer dimensions

Size of veranda Width (W) x Projection (D) in mm	Diagonal outer posts (X) in mm
3124 x 3000	4330
3445 x 3000	4567
4088 x 3000	5070
5052 x 3000	5875
6016 x 3000	6722
6980 x 3000	7597
3124 x 3500	4672
3445 x 3500	4910
4088 x 3500	5381
5052 x 3500	6145
6016 x 3500	6959
6980 x 3500	7808
3124 x 4000	5075
3445 x 4000	5278
4088 x 4000	5719
5052 x 4000	6443
6016 x 4000	7224
6980 x 4000	8044
3124 x 4500	5477
3445 x 4500	5666
4088 x 4500	6079
5052 x 4500	6765
6016 x 4500	7512
6980 x 4500	8304

Table 6.6.1

Position posts



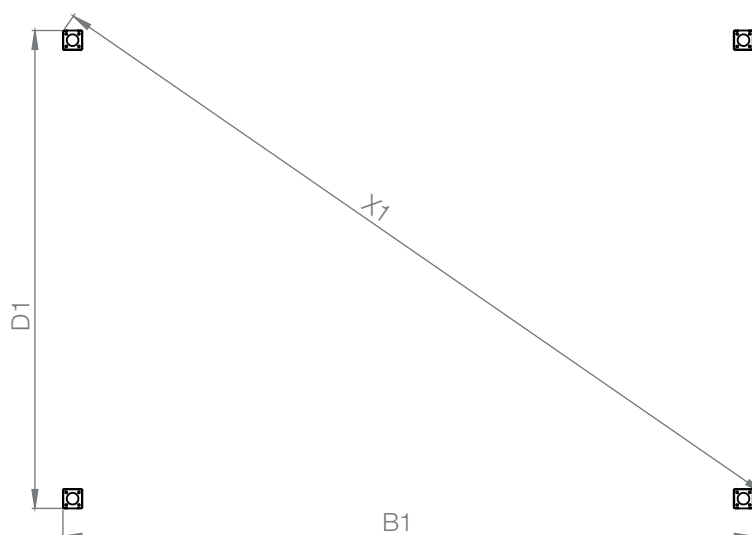


Step 3 Dimensions outside blind Mounting base

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

Table 6.6.2

Position blind mounting bases





6.6 Assembling gutters

Before you start working with the gutters, make sure the LED strips are pulled into the lower channel. There is a series of gutters produced where this is not yet the case and the LED strips are loose in them.

Step 1

Apply sealant to the gutters' gaskets according to the illustration below. Repeat for each gutter as you go to assemble it.

Step 2

Slide the gutter into the post as shown in the image below.

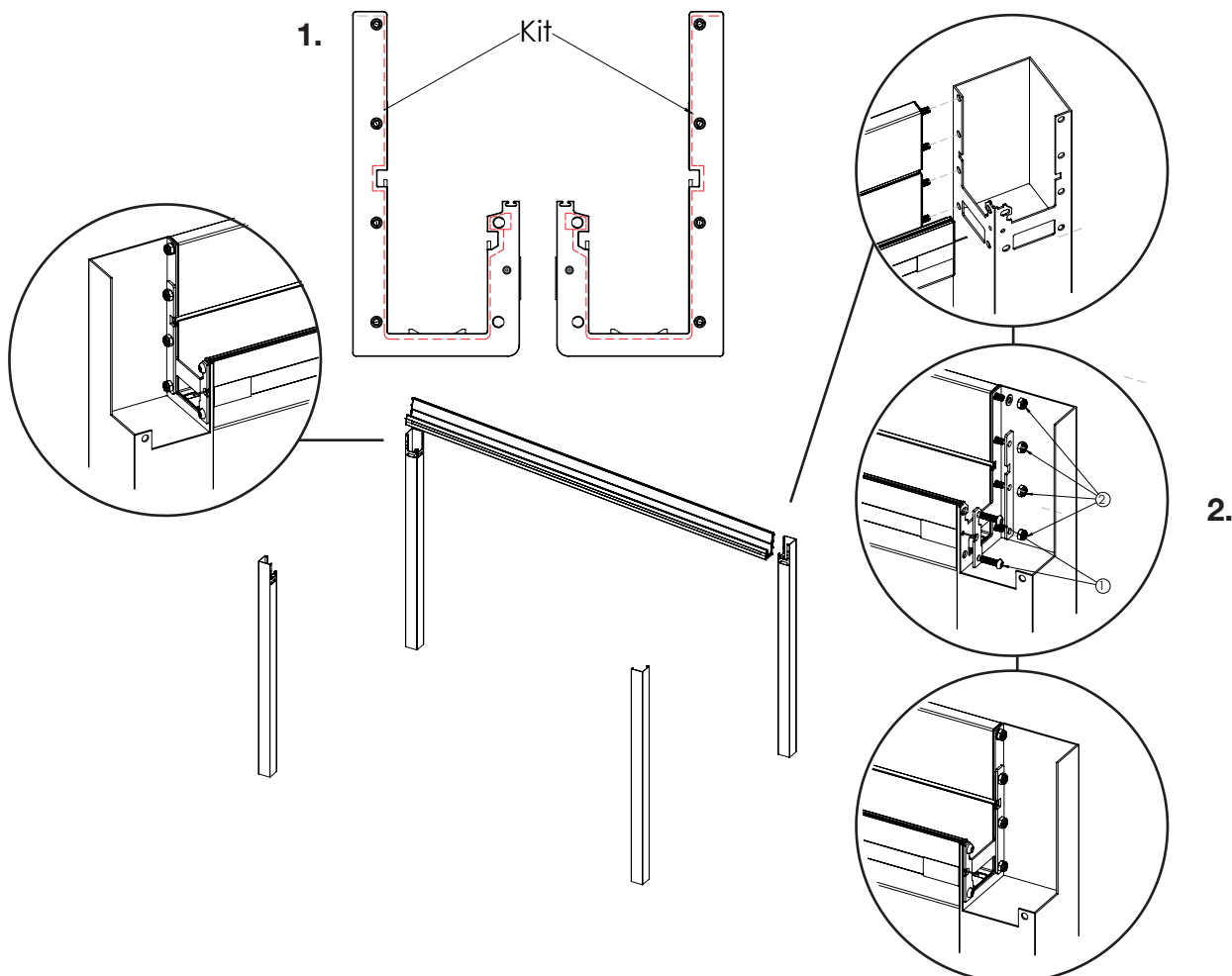
Note: make sure the LED cable is through the hole of the post.

Step 3

Attach the large pressure distribution plates together with the washers and locknuts to the threaded rods according to the illustration below. Ensure that the recess of the pressure distribution plate coincides with the groove in the gutter. Tighten the locknuts only a few turns.

Step 4

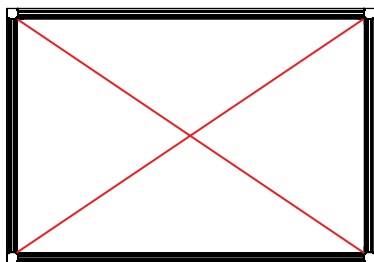
Then attach the small distribution plates with the M10 screws. Make sure not to pinch the LED cabling. Only then tighten everything evenly (crosswise).



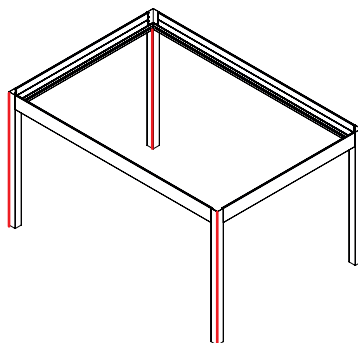
Step 5

Check that the frame is level on all customers.

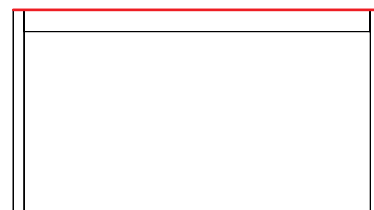
Check the cross



Check whether the posts are level

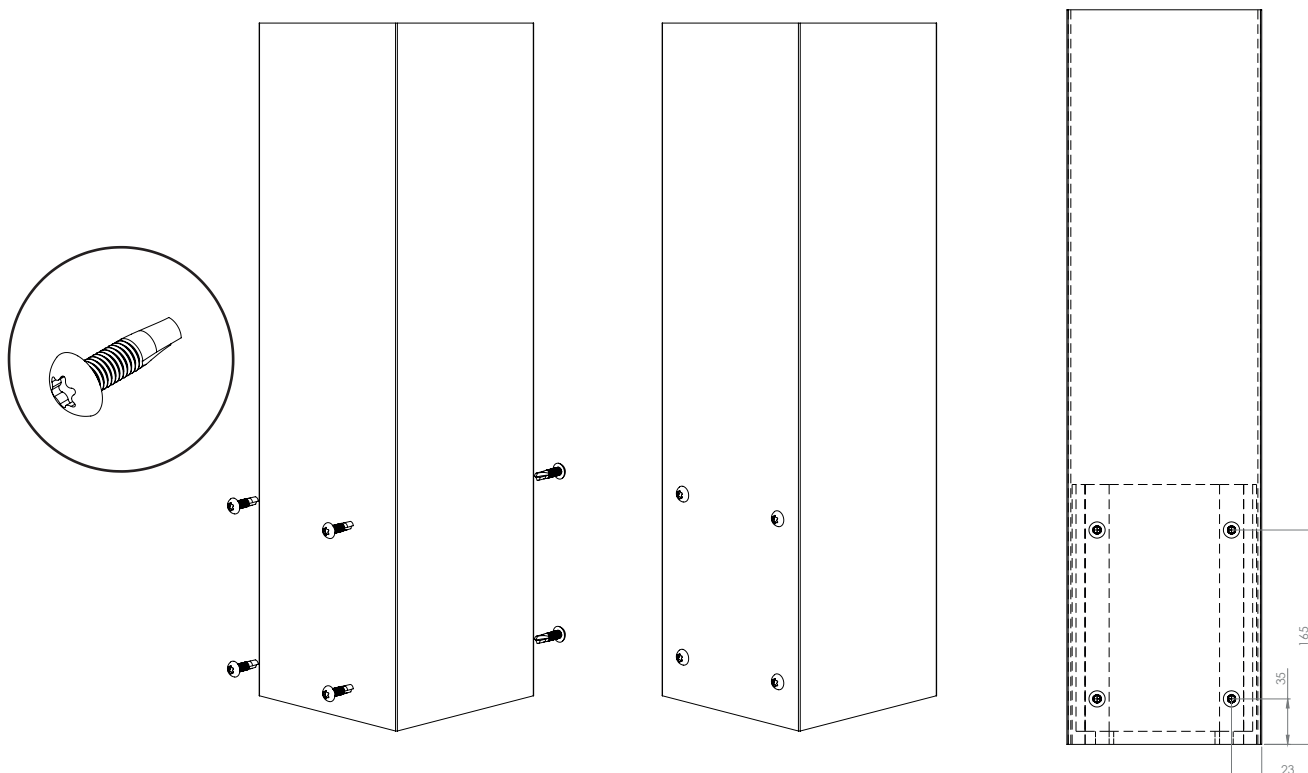


Check that gutters are level



Optional: Assembly blind mounting base

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 illustration below.





6.7 Connecting gutter rubbers

Step 1

Cut the rubber at a 45° angle and connect the gutter rubber seals at the corners with the gutter rubber connecting pin. This is located in the "Motor Accessories" box.

Step 2

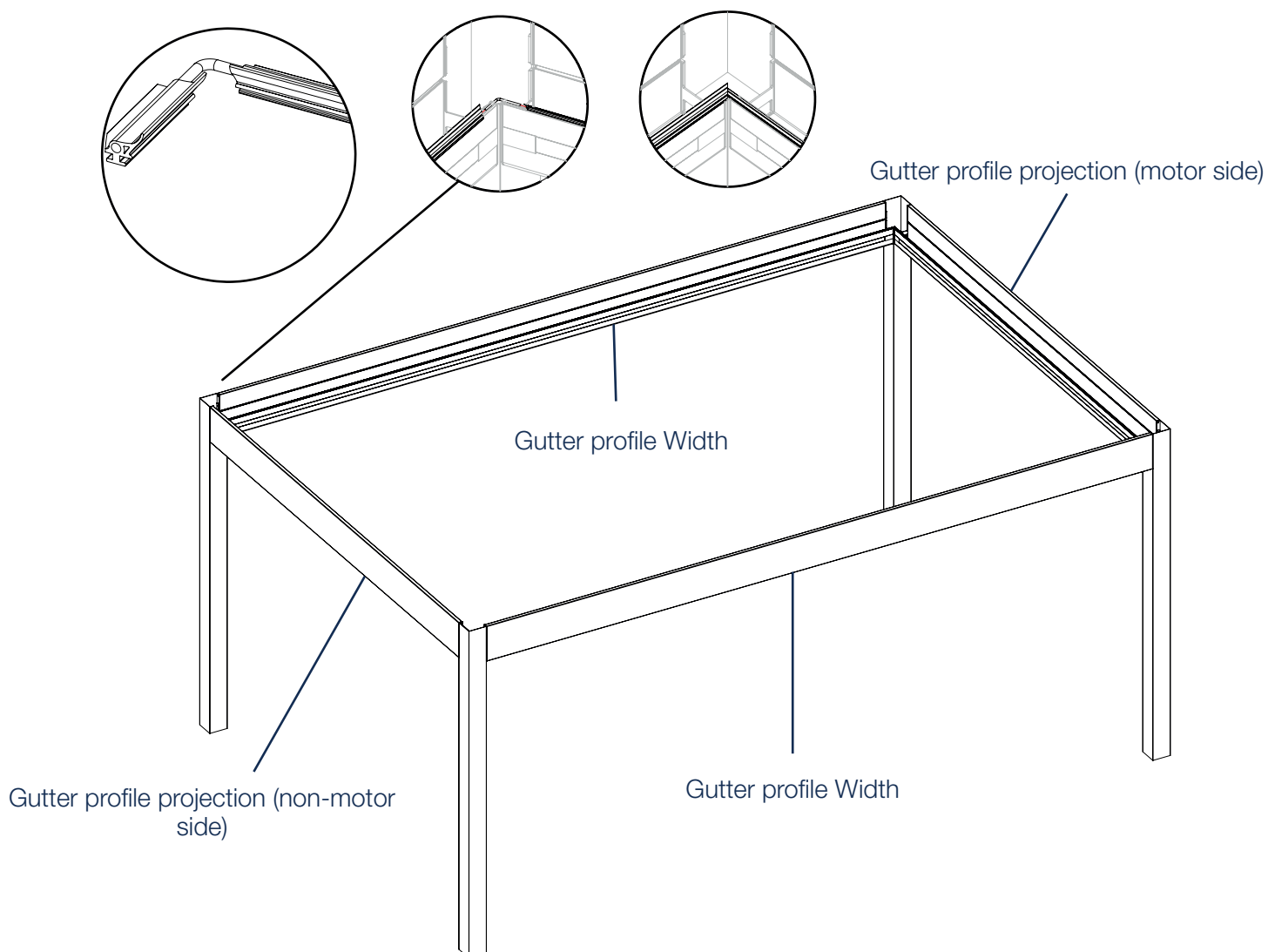
Slide the gutter rubber aside.

Step 3

Insert the gutter rubber connecting pin into the Round opening of the gutter rubber.

Step 4

Slide the rubber seals back to the end of the gutter.





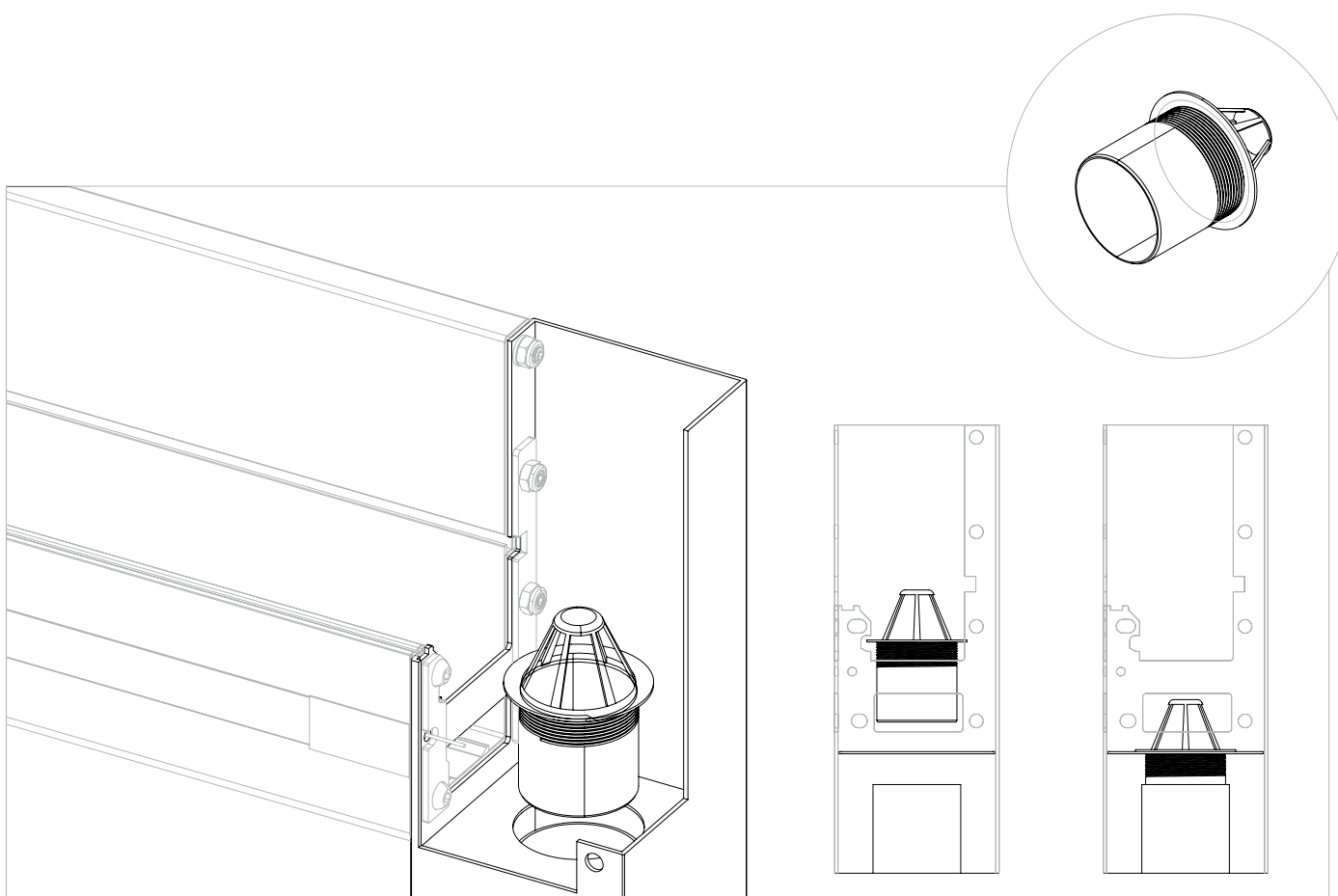
6.8 Installing a leaf catcher

Step 1

Apply sealant to the underside of the leaf catchers.

Step 2

Place the leaf catcher in the hole of the post and slide it into the RWD pipe.

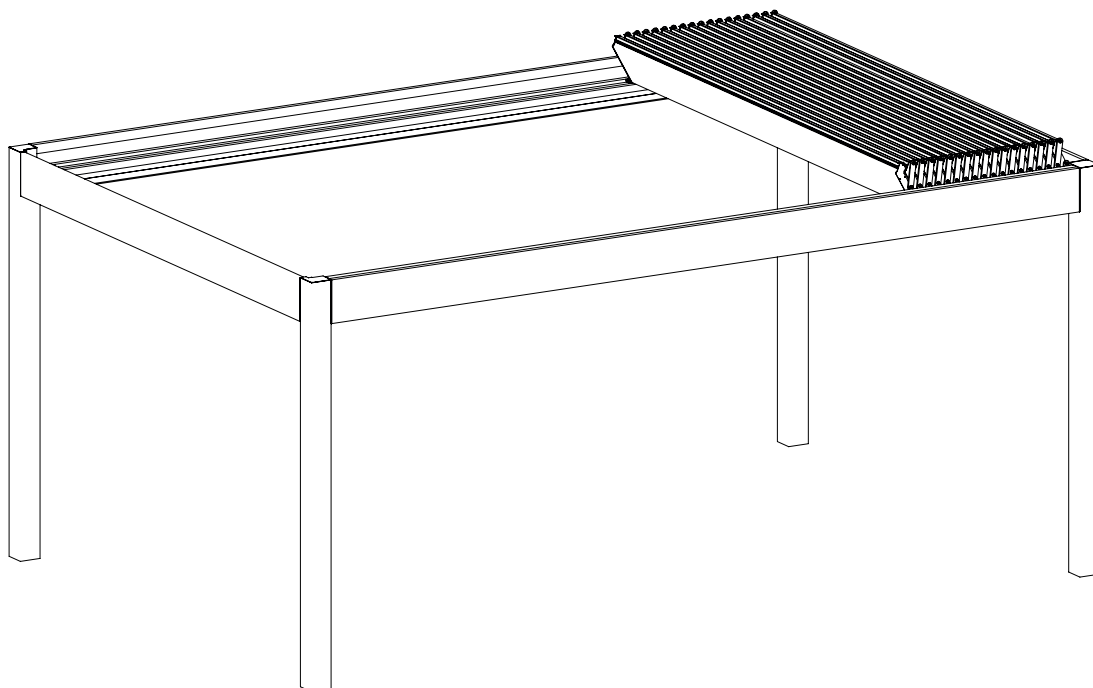




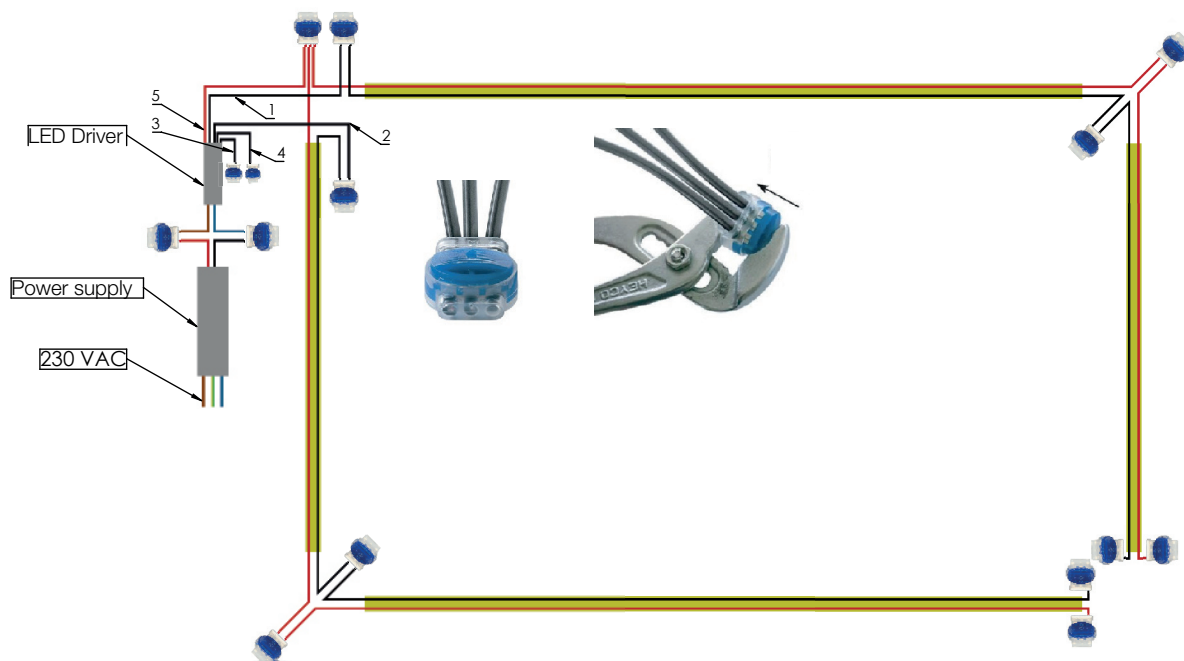
6.9 Preparing the LED lighting

Step 1

Determine which side of the hood the motor should be placed on. This will also be the side where the slat package is when open. Also determine the 230V connection point for the veranda. In this description, we assume a motor placed on the right-hand side with the cabling at the front.



Prepare the LED lighting by connecting the LED strips according to the diagram below. Use leads 1, 2 and 5, from the LED driver and cap leads 3 and 4. The LED driver and power supply should be on the motor side. The motor will be connected at a later stage.

**Note 1**

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

Note 2

By using the scotchlok connector, the ends of the cables do not need to be stripped.

Note 3

Make sure you connect a maximum of 2 LED strips per channel

Note 4

Make sure you cap all loose wires with 1 scotchlock. Use only 1 scotchlock per loose wire. This will prevent short circuits between the wires and the frame, or the wires themselves.

Check that the LED lighting is connected correctly.



6.10 Positioning slat support and runner profile

Step 1

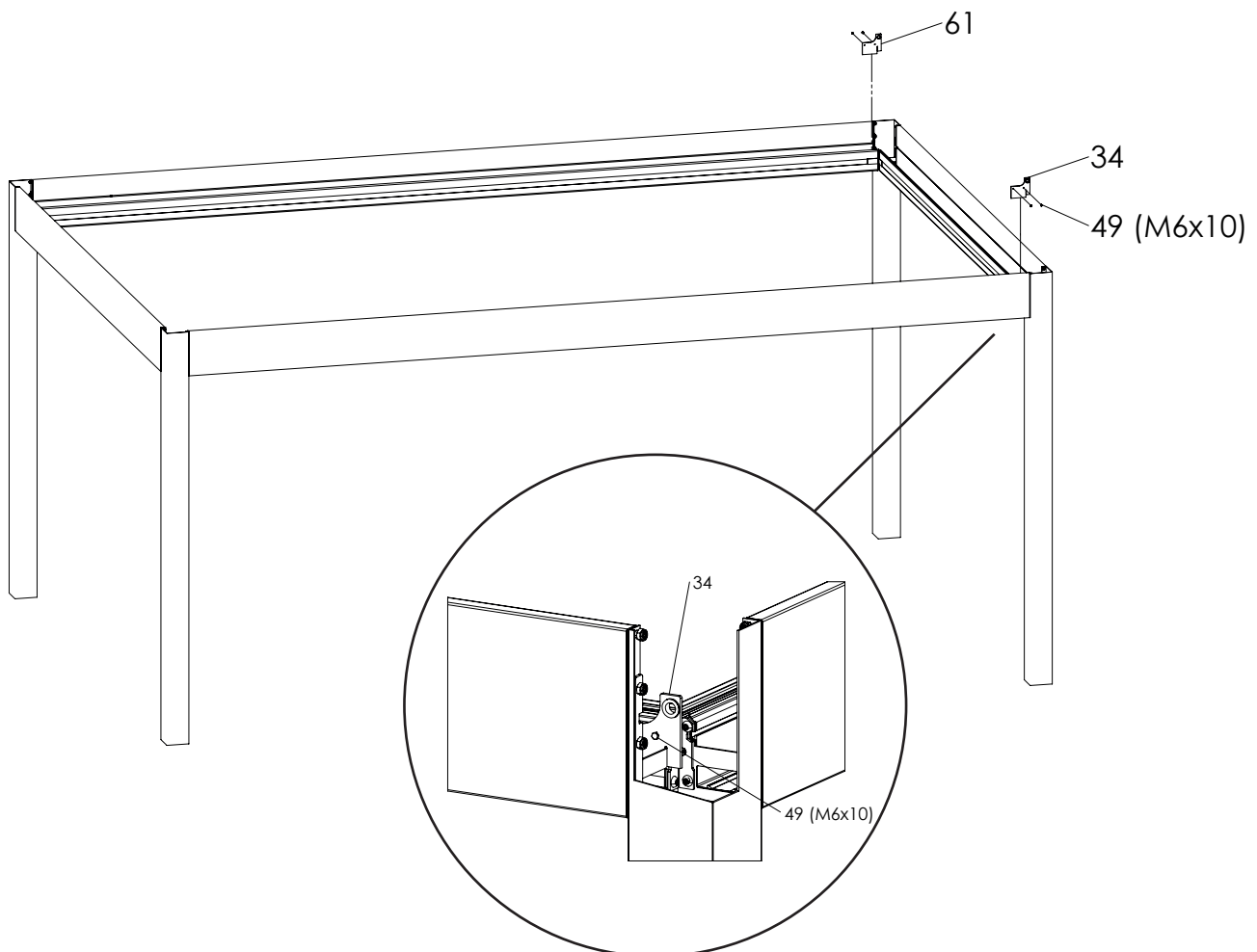
Loosen the M6x10 screws.

Step 2

Slide the sliding nuts already inserted all the way to the motor side.

Step 3

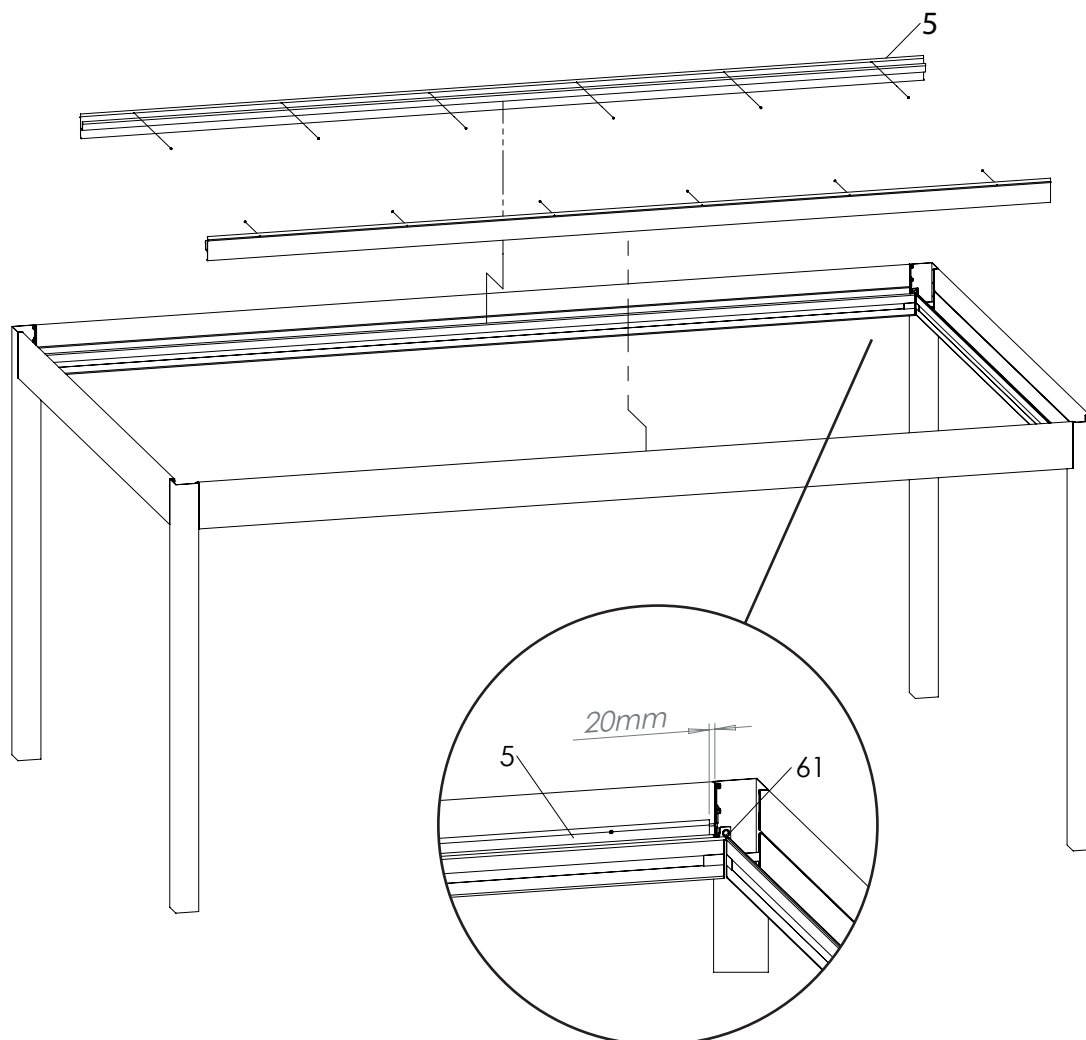
Fit the brackets for suspension slat type A left and right onto the sliding nuts. Ensure that the bracket with the groove falls over the post and the bearing flange is on the outside





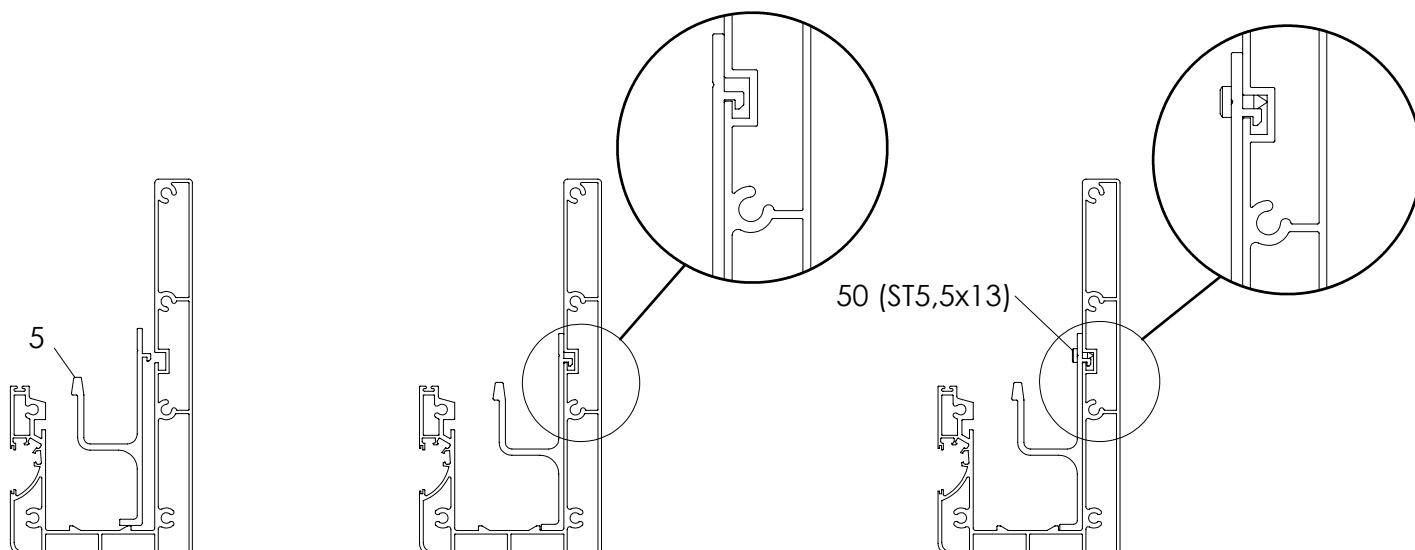
Step 4

Remove the protective film from the runner profiles. Hook the gutter profiles into the gutter. Provide 20mm space between the running profile and the post, on the motor side.



Step 5

Screw the walkway profiles with Plate screw ST5.5x13 into the pre-drilled holes.

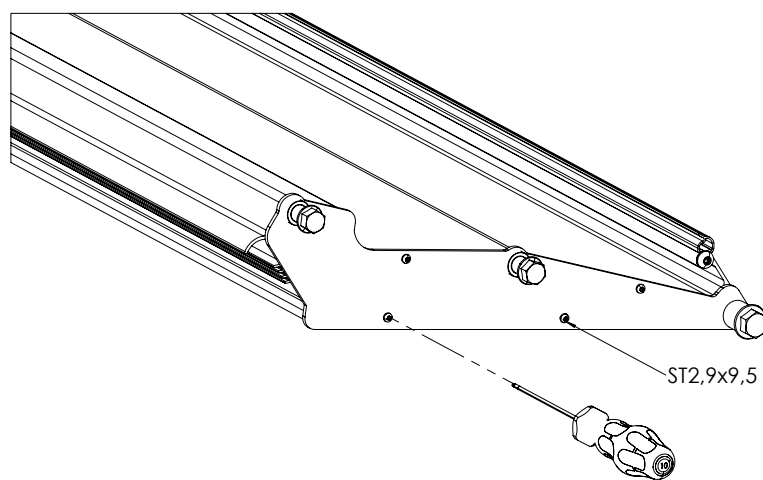




6.11 Installing slats

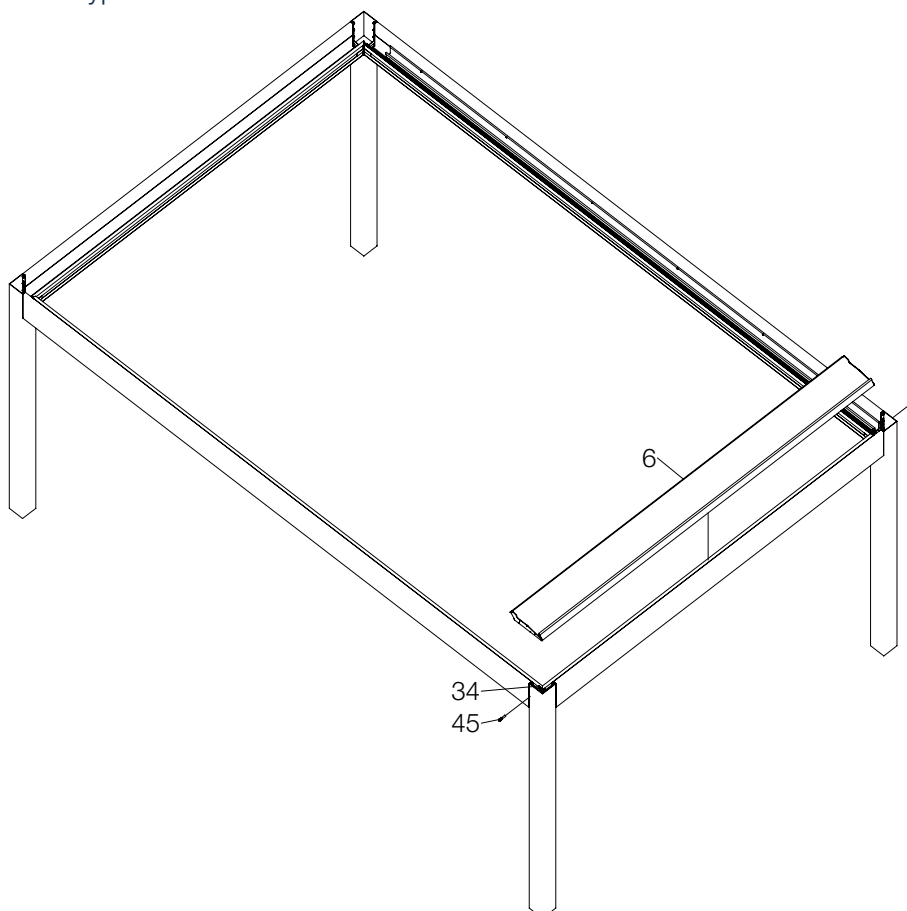
Notes:

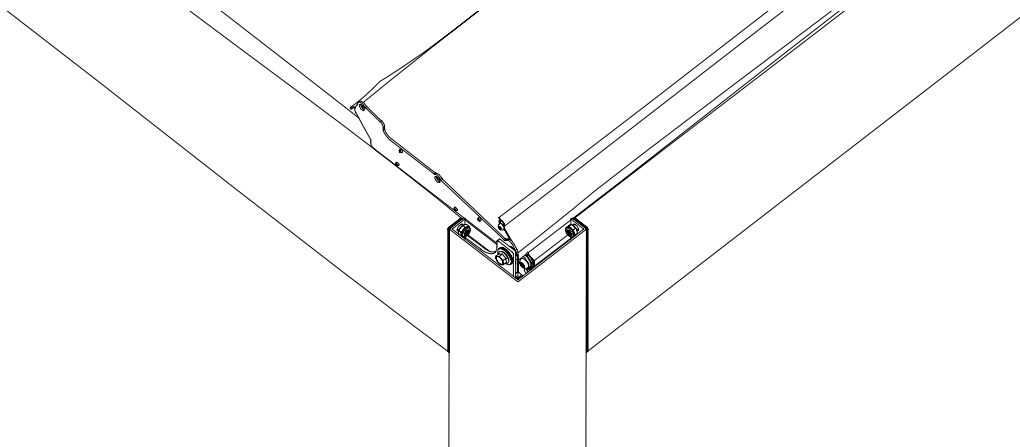
- Start when placing the slats on the motor side!
- The side covers of the slat are pre-assembled. Before fitting the slats, tighten the screws, ST2.9x9.5 of the side covers!



Step 1

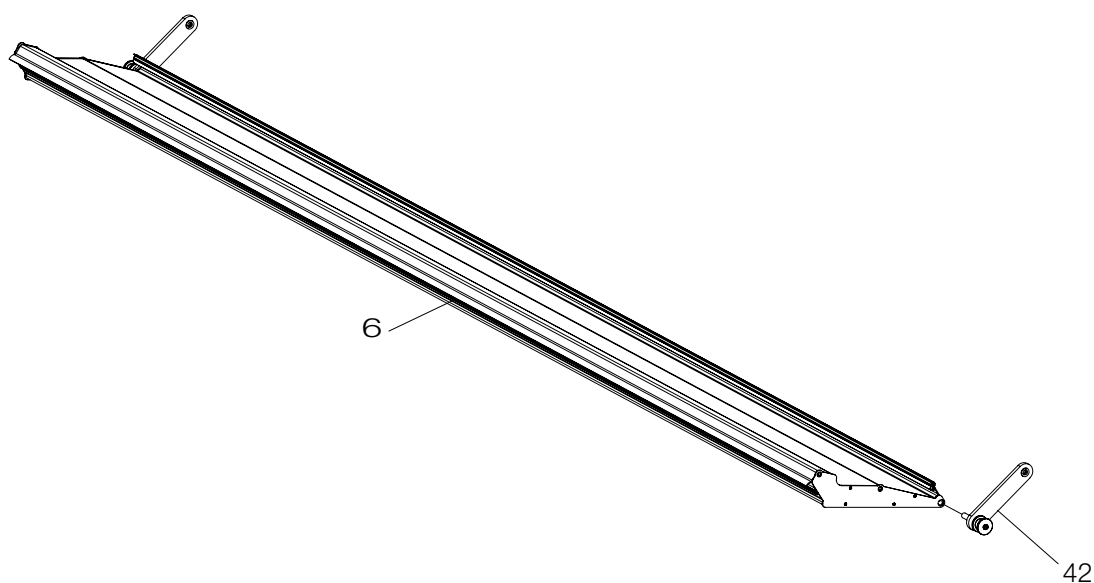
Place a standard slat (type A) on the gutter and attach it to the suspension slat type A with the screw slat type A. The next slat will be a type B slat.





Step 2

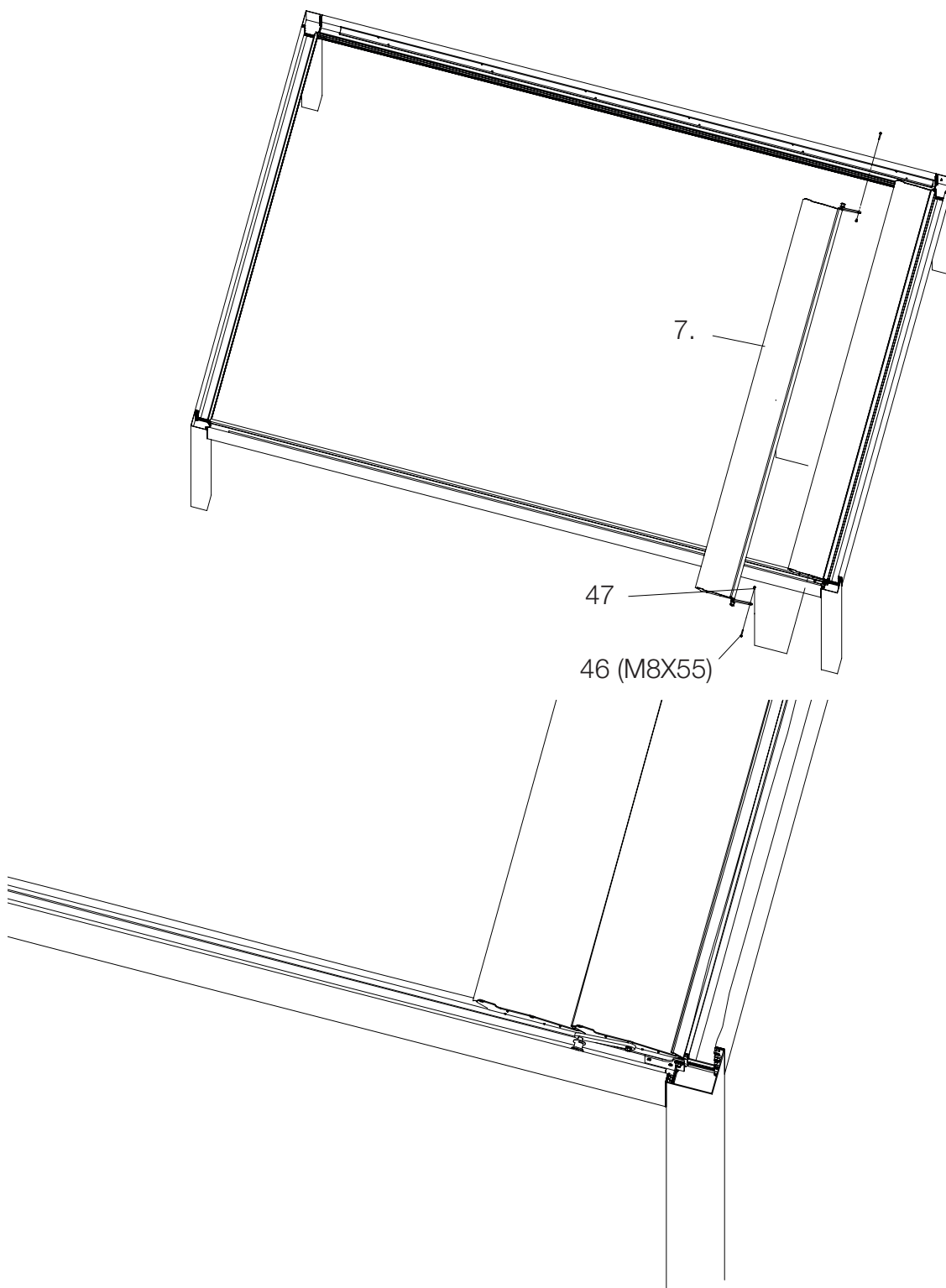
Fit a standard slat front with the type B rod set, a shaft with impeller and a short hinge plate. This will be slat type B.





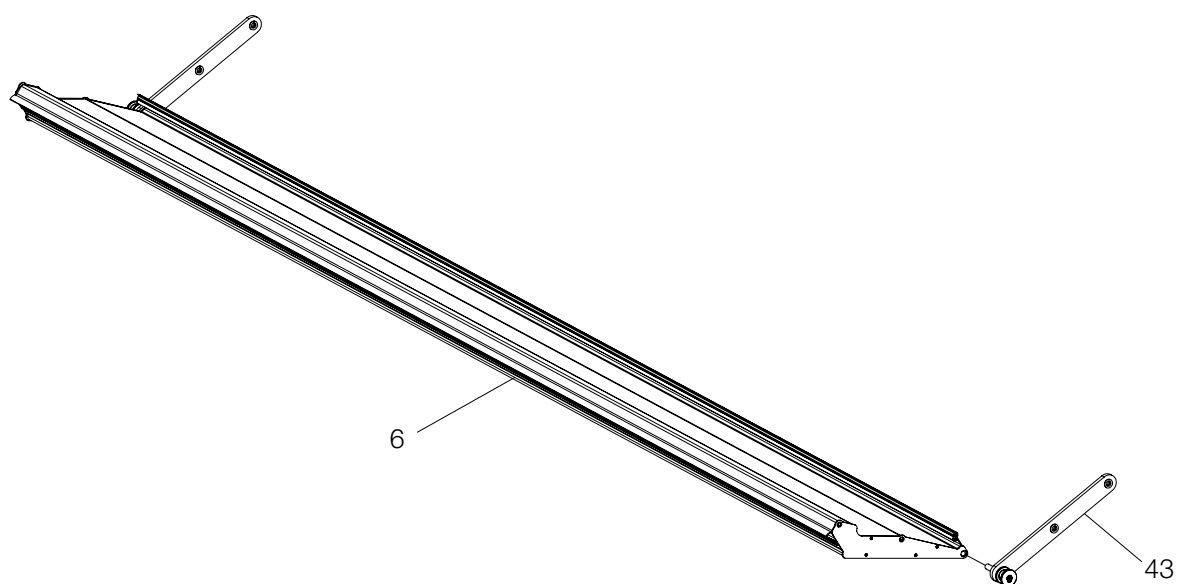
Step 3

Place this slat on the gutter. Attach this slat to the first slat. Use the hexagonal flange bolt M8x55 and the slat spacer.



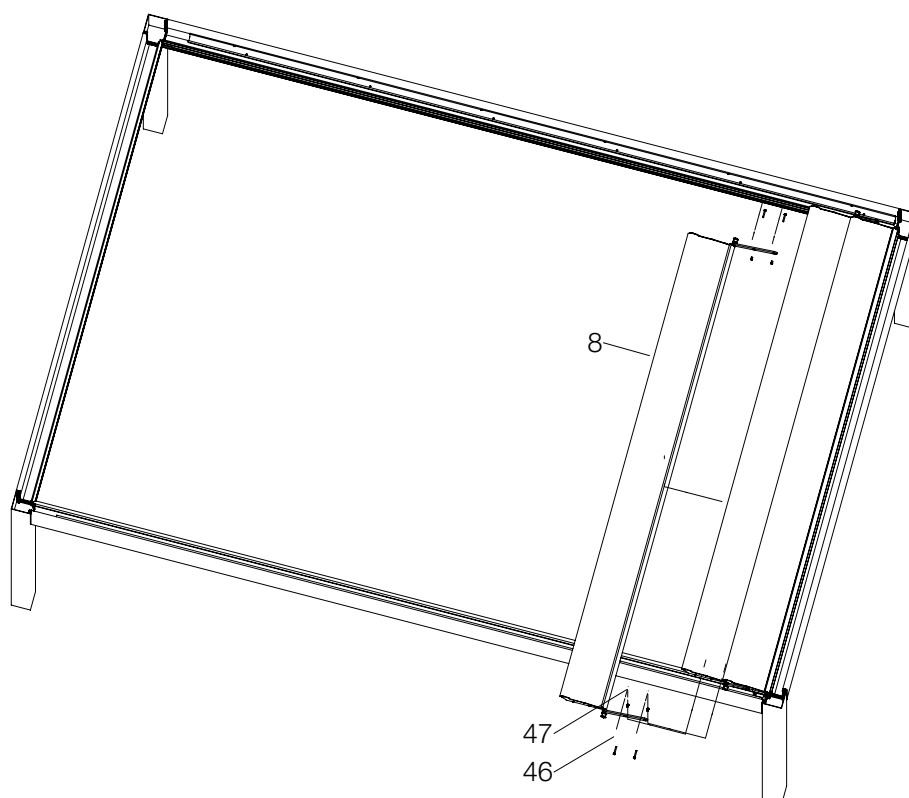
Step 4

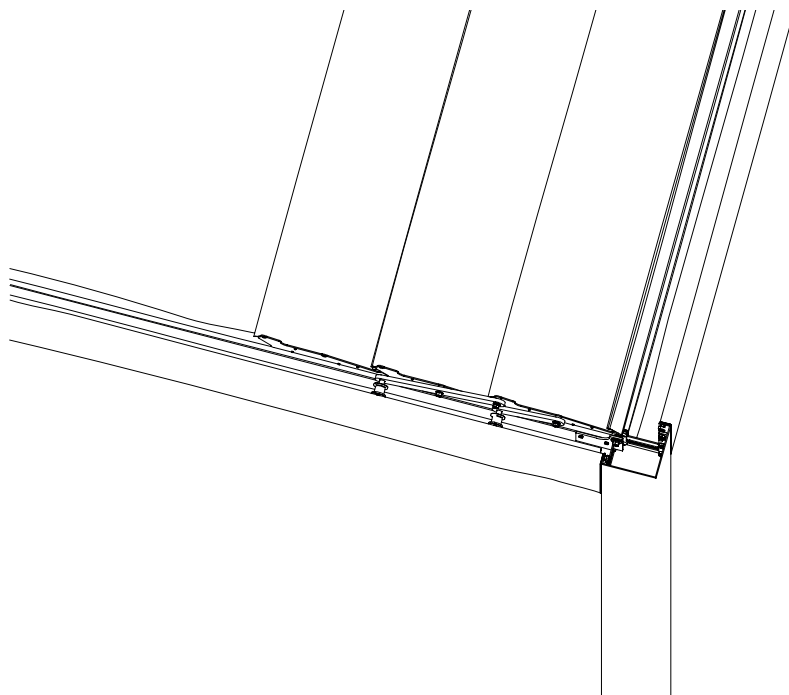
Fit a standard slat front with the rod set type C, a shaft with running wheel and a long hinge plate. This will be slat type C.



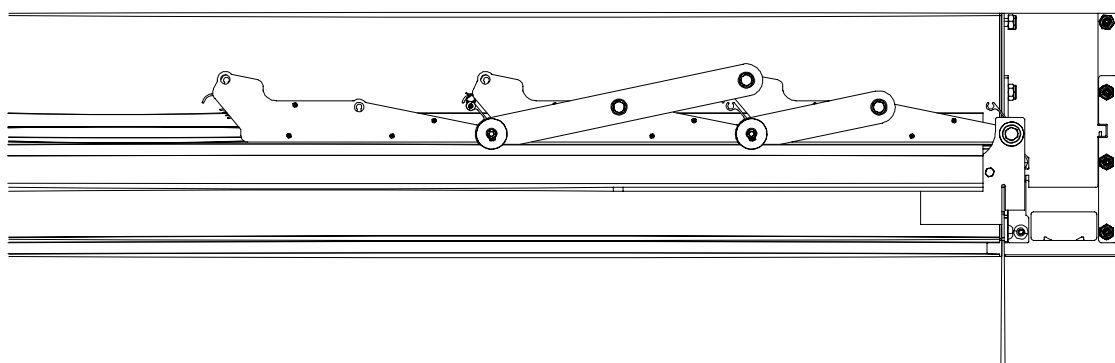
Step 5

Place this slat on the gutter. Attach the slat to the previous slat. Use the hexagonal flange bolt M8x55 and the slat spacer.





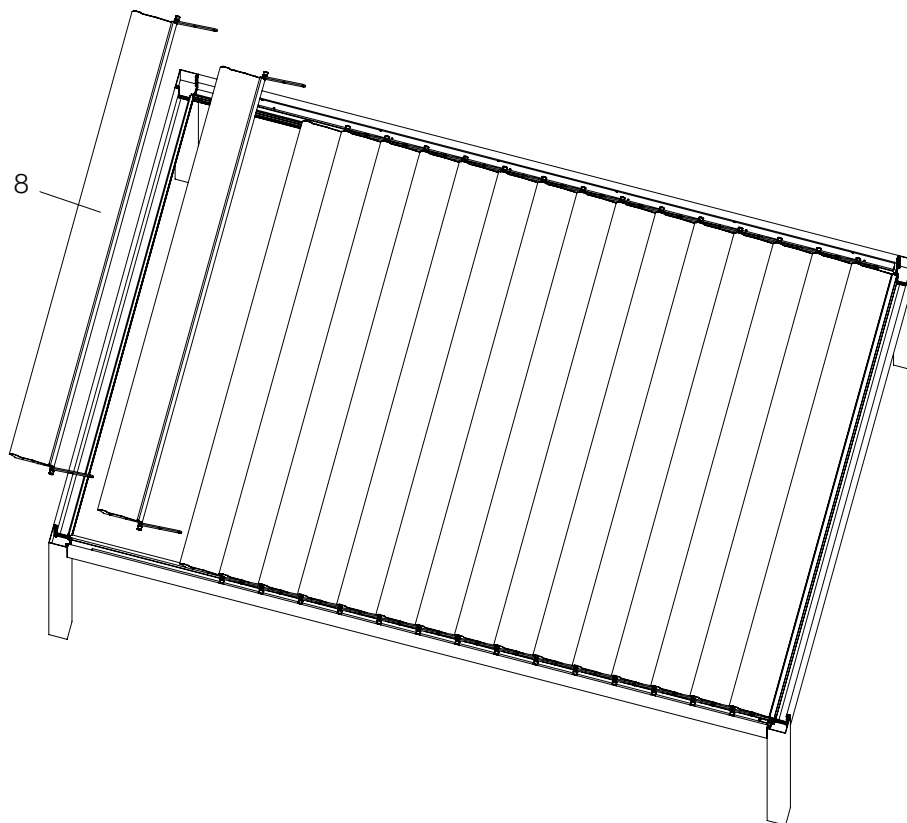
The whole thing then looks like this:





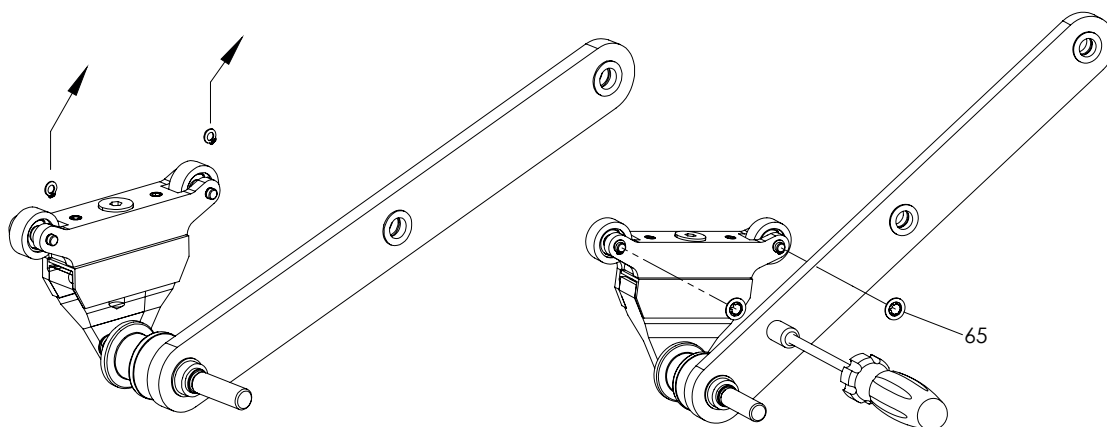
Step 6

Repeat steps 4 and 5 up to the penultimate slat.



Step 7

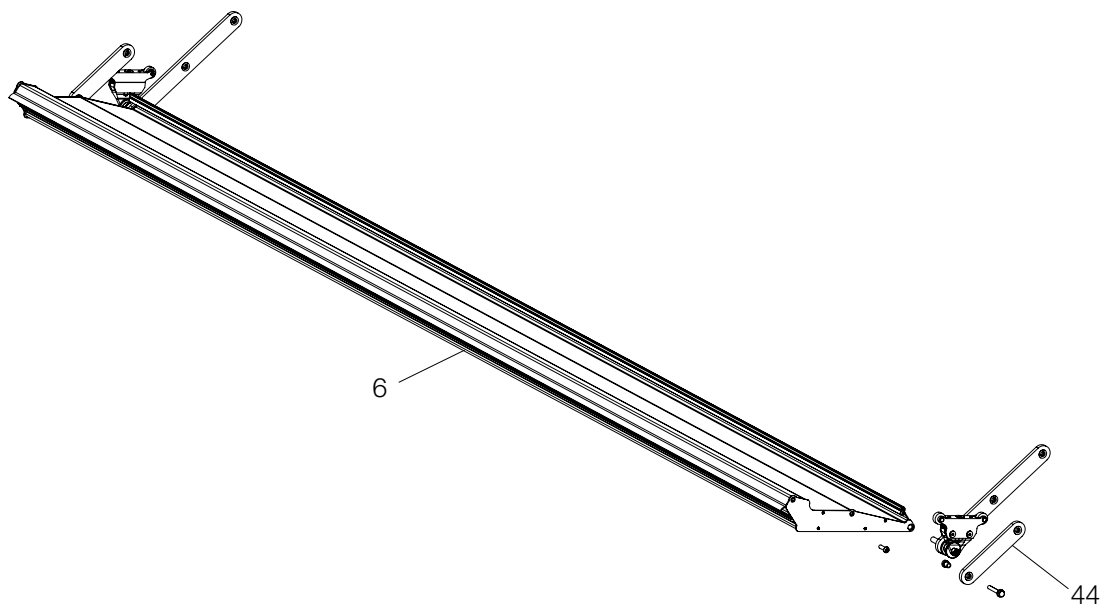
For the last slat, take the type D rod set. Remove the 2 fuse rings from the axles in the carriage. Press the 2 additional supplied Starlock rings 6mm onto the axles of the runner using cap 10mm.





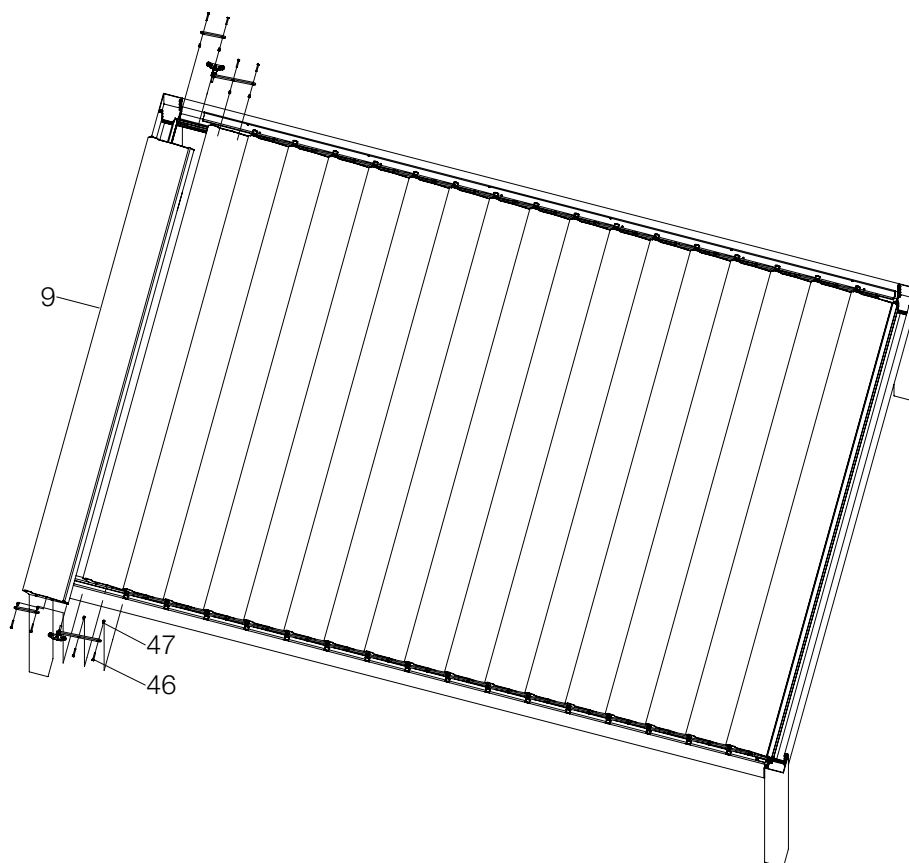
Step 8

Fit a standard slat front with the rod set type D, a shaft with runner, a long and a short hinge plate including runner. This will be slat type D.



Step 9

Place this slat on the gutter. Attach the slat to the previous slat. Use the hexagonal flange bolt M8x55 and the slat spacer.

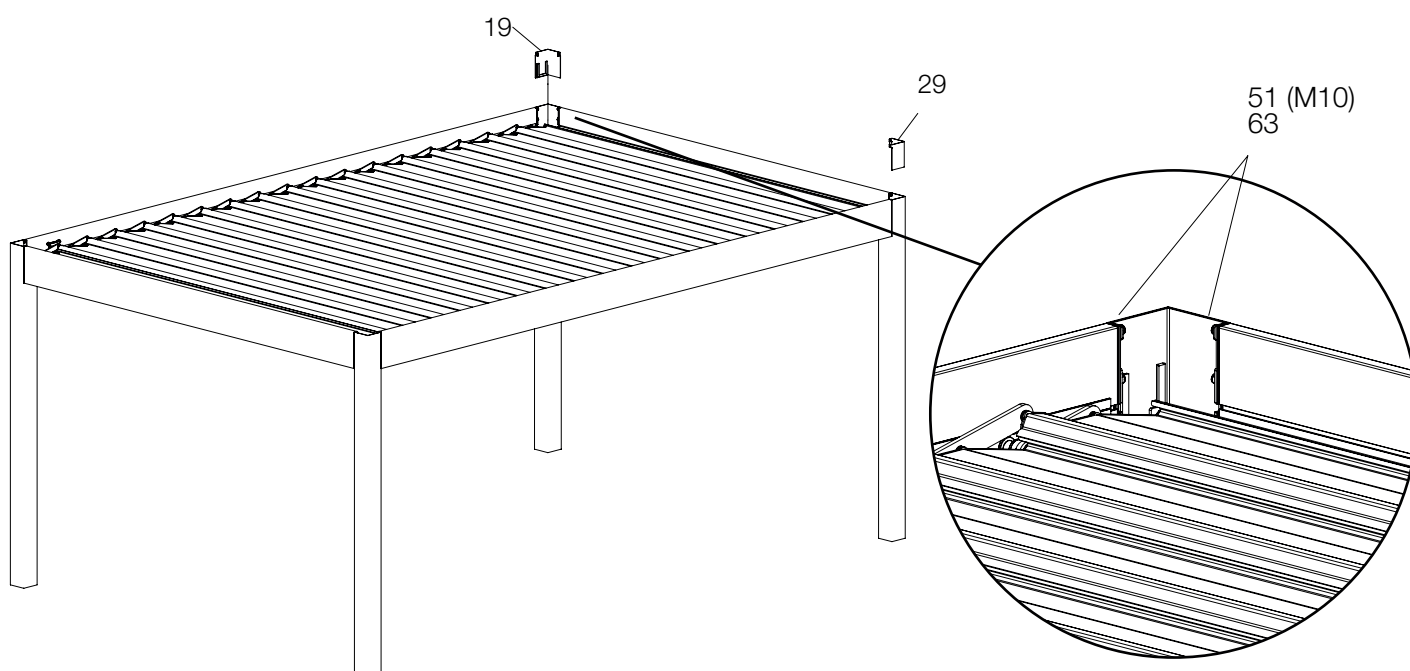




6.12 Motor and belt assembly

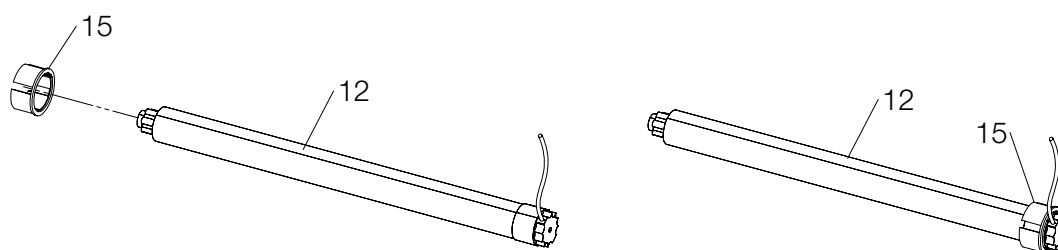
Step 1

On the motor side, assemble the upright housing on the right and left. To do this, loosen the top 2 lock nuts and slide the M10 washer aside. Hang the upright housing over the threaded ends and retighten the M10 nut and washer.



Step 2

Take the tube motor and slide the tube adapter over the motor.



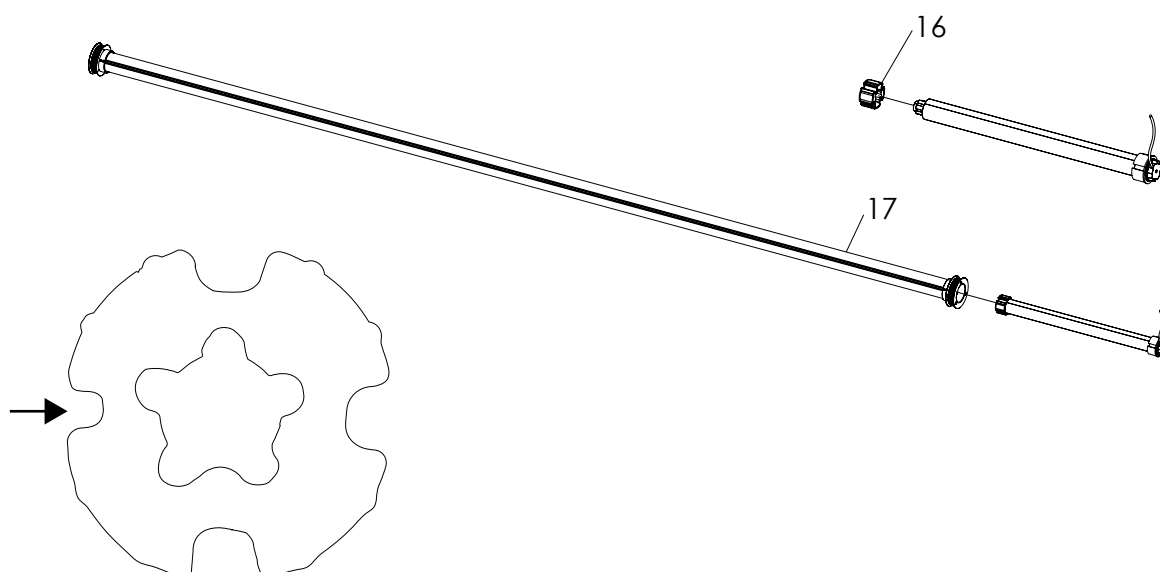
Step 3

Then place the Tracking System on the end of the tube motor.

Note: The Tracking system has 4 different slots. Use the narrowest slot to slide over the rib.

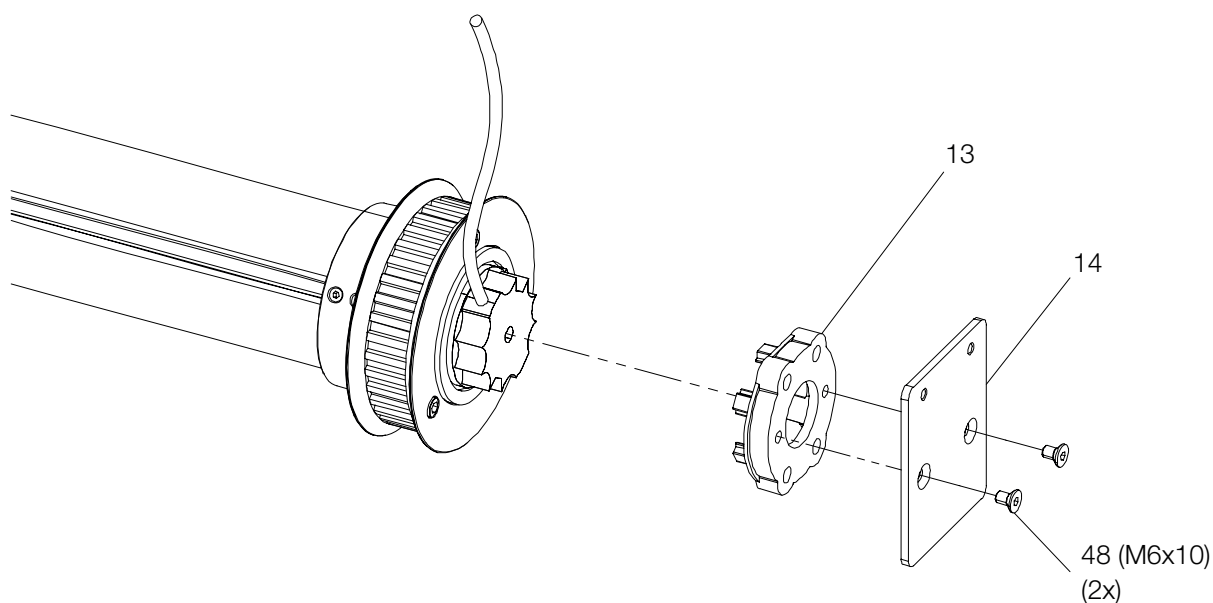
Step 4

Take the tube with pre-assembled pulleys and slide the tube motor into the tube until the tube adapter is located in the tube. Where necessary, grind the fitting ribs of the Tracking System thinner. Now screw a 4.2 x 19 screw on the motor side at 715 mm from the side of the shaft in the slot.



Step 5

Mount the motor adapter with the M6x10 screws on the motor mounting plate. Then click the motor adapter onto the motor. When doing so, loosen, if necessary, the screw of the steel clamping ring.



**Step 6**

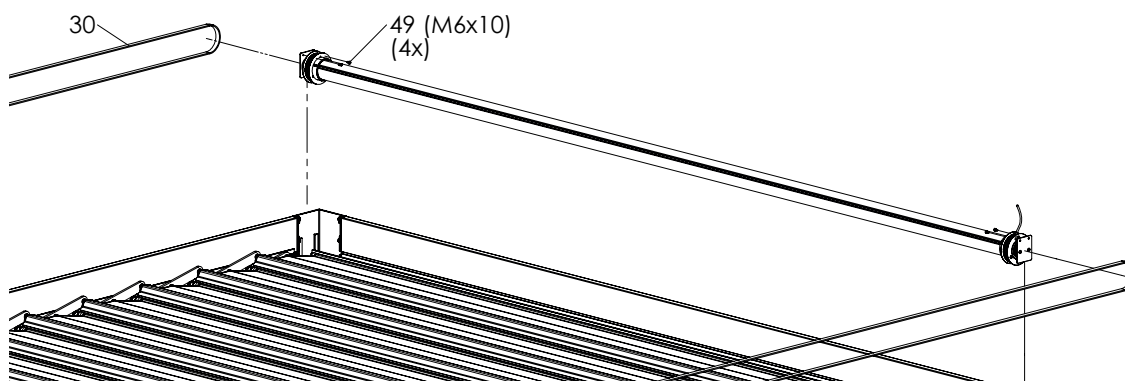
Before fitting the motor, make sure the connection of the LED lighting remains accessible.

Step 7

Place the timing belt loosely around the timing belt 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 the cabling of the LED light and motor coincide.

Step 8

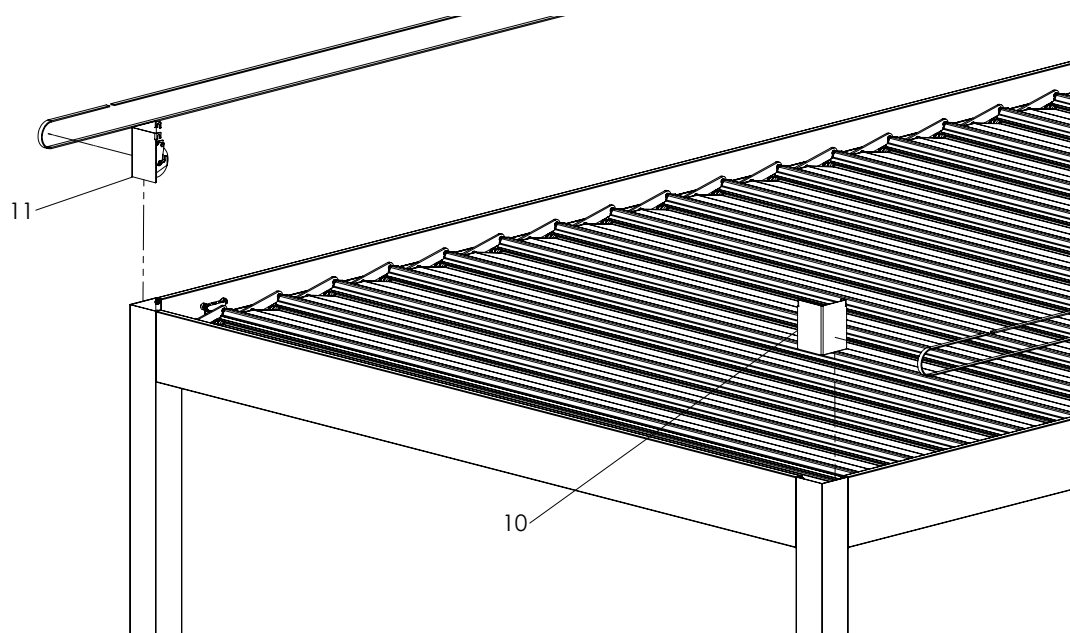
Use a hex bolt M6x10 to secure the mounting plates.

**Step 9**

Place the lower part of the timing belt in the idler and around the pulley of the tensioner. Make sure the open end of the timing belt is at the top and near the runner.

Step 10

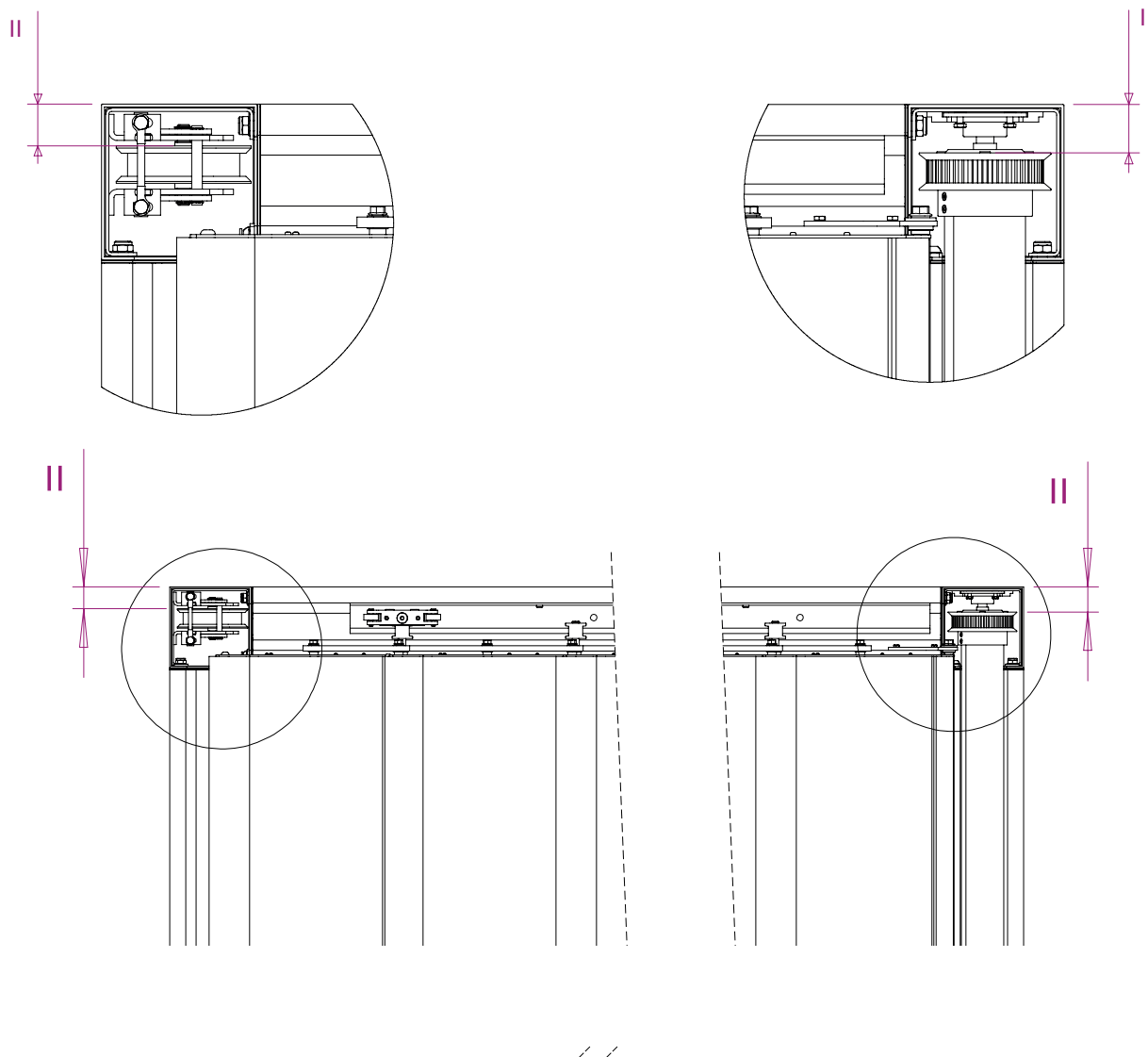
Place the tensioner left and right in the posts by again loosening the 2 top lock nuts and hanging the tensioner on the threaded ends. Tighten the locking nuts again.



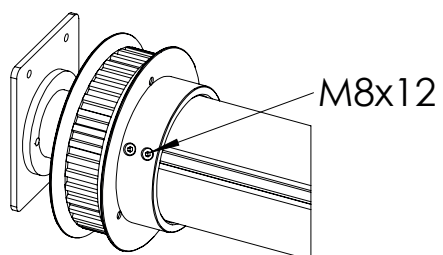


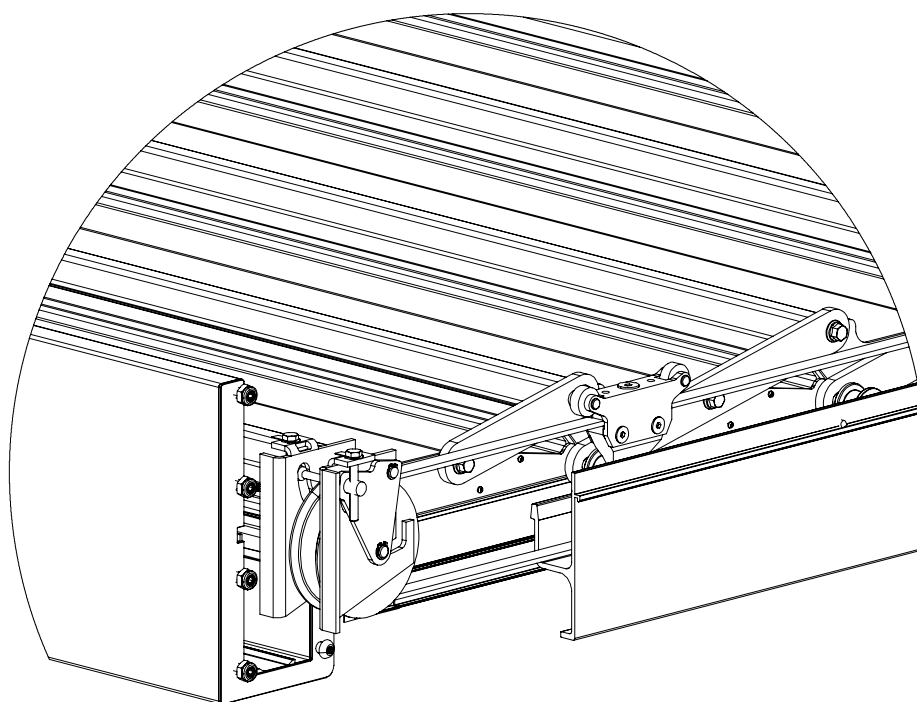
Step 11

Check that the distances of the toothed belt pulleys, which are fixed on the tube of the tubular motor, correspond to the dimensions of the idlers of the tensioning device and adjust where necessary.



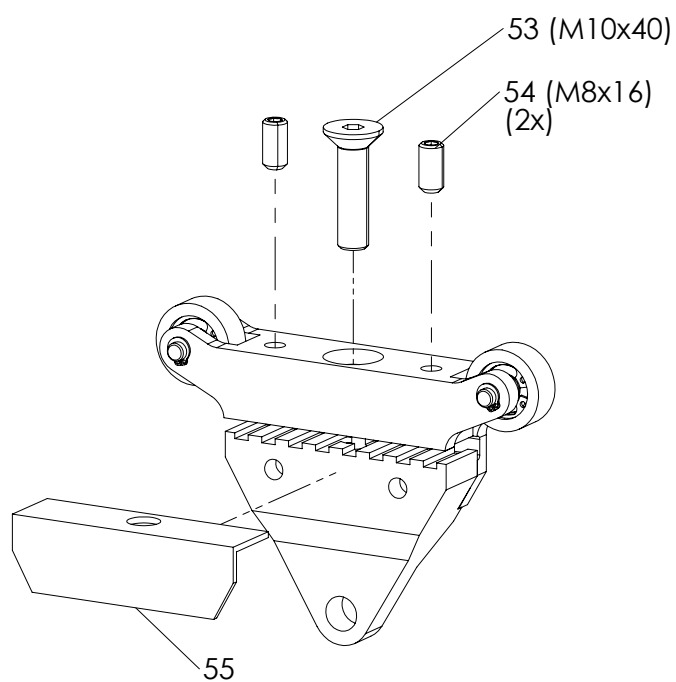
To do so, loosen the 2 M8x12 adjusting screws and move the toothed belt pulley to the desired position, then tighten the screws.





Step 12

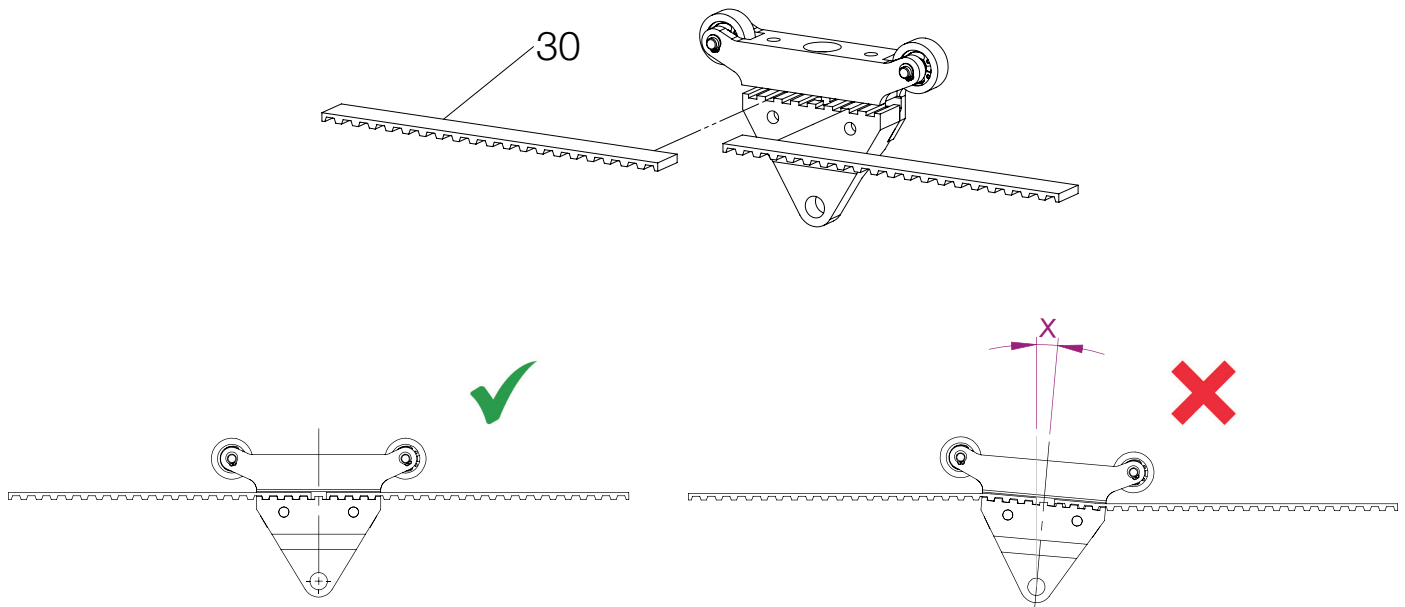
The runner on slat type D is pre-assembled. Remove only the countersunk screw M10x40 and the 2 set screws M8x16 at the top and remove the pressure plate timing belt on the side.





Step 13

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

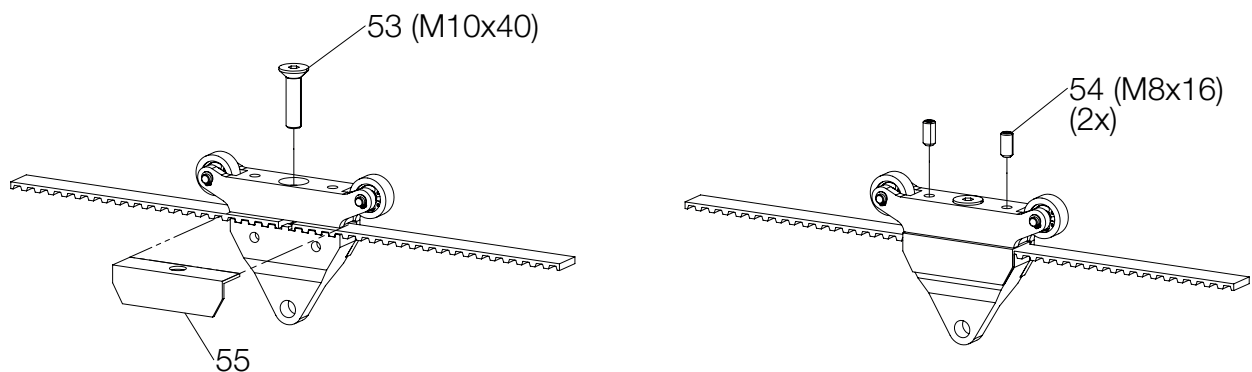


Step 14

Place the pressure plate timing belt over the belt, back into the carriage and lock it with the M10x40 countersunk head screw.

Step 15

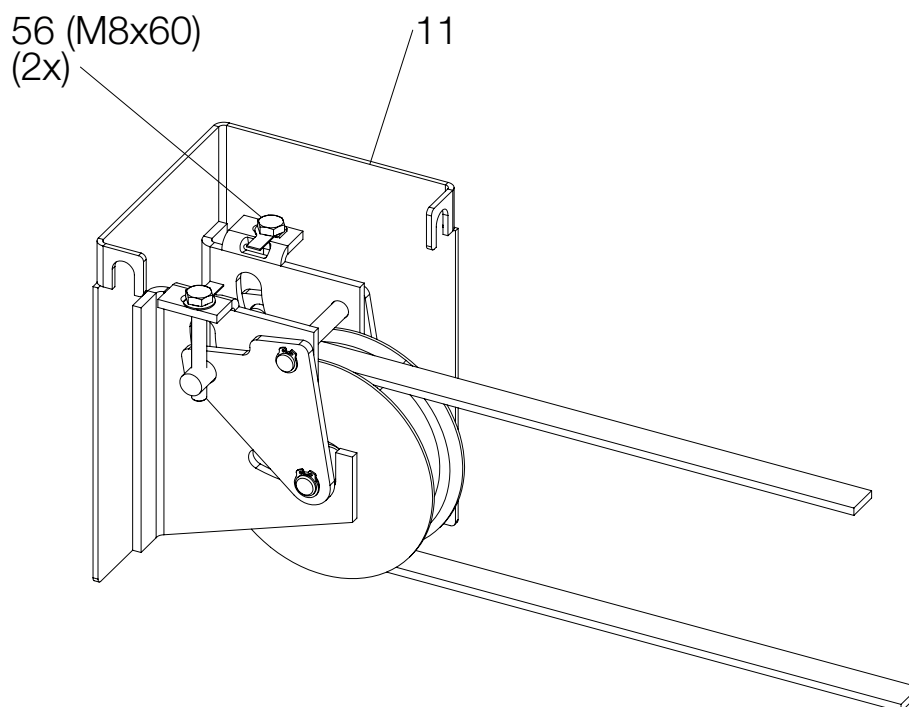
Tighten the timing belt with the 2 M8x16 set screws.





6.13 Tensioning the toothed belt

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

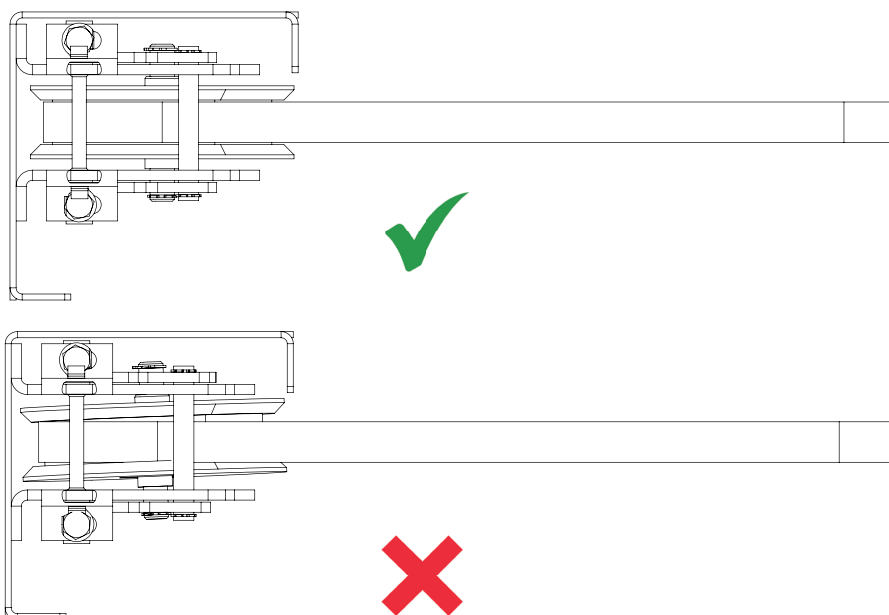


Step 1

Tension the timing belt by tightening the M8x60 bolts.

Step 2

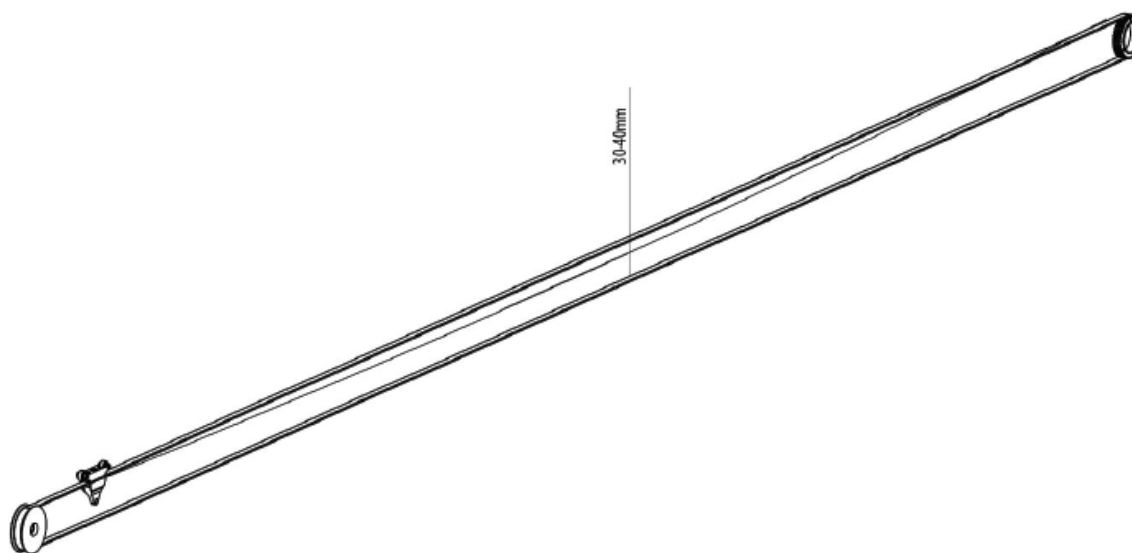
Tighten both bolts evenly so that the wheel is parallel to the belt. This is important as excessive misalignment will make the belt audible during operation.





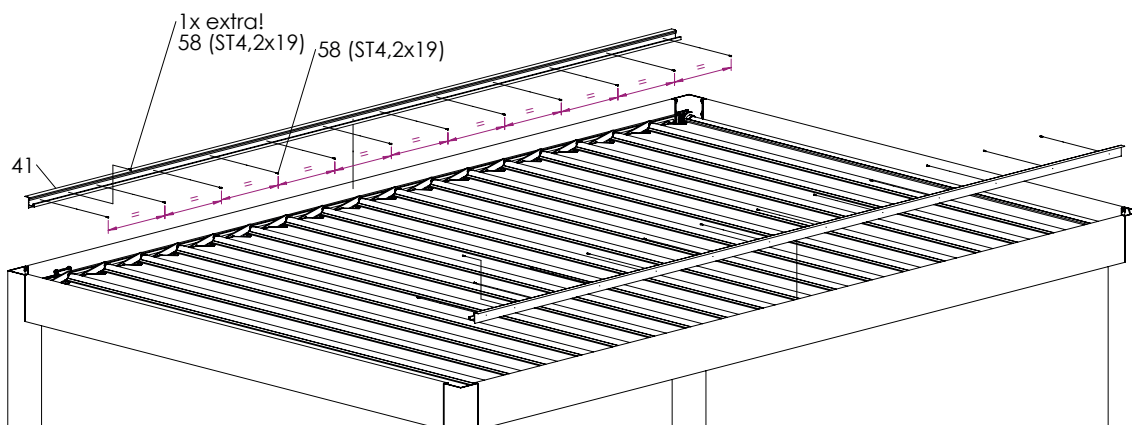
Step 3

Belt tension is good if the belt just does not sag and the belt can be pressed down 30-40mm in the middle. Excessive belt tension will lead to excessive wear and noise.





6.14 Mounting the support profiles

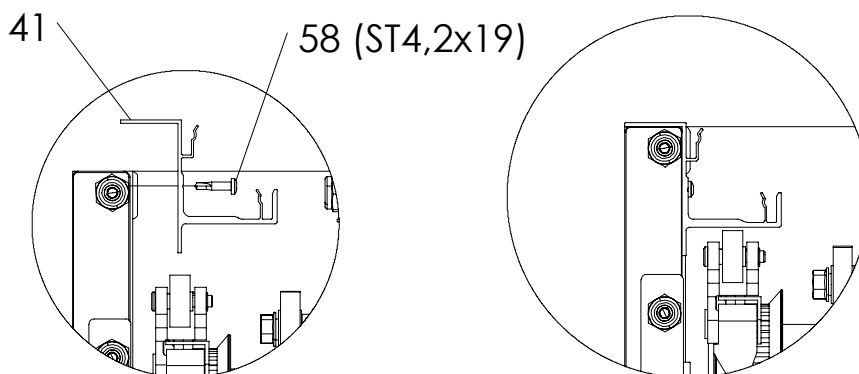


Step 1

Mount the support profile runner on the gutter with the sheet metal screw self-drilling ST4,2x19. Fix it on the drilling line at least every 50cm.

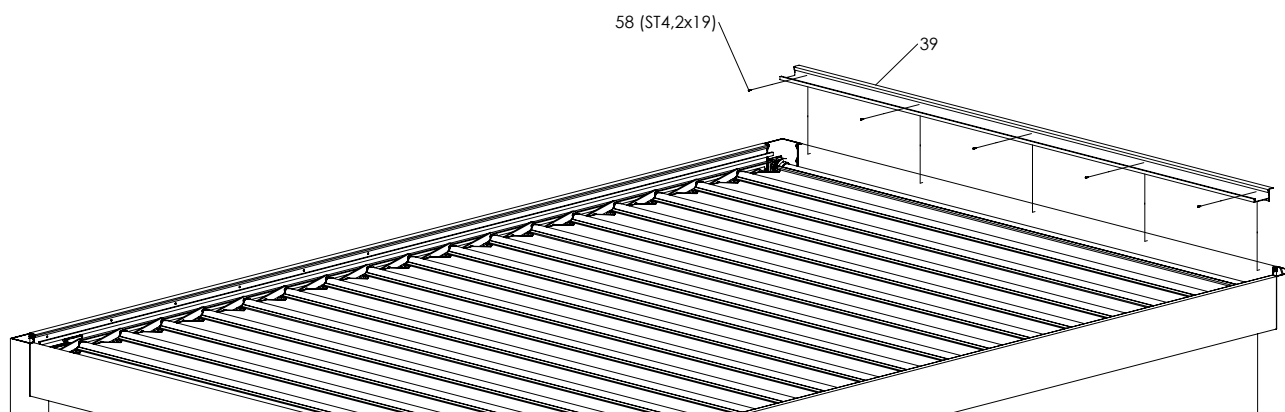
Step 2

Place 1 additional screw between the first 2 screws on the non-motor side.



Step 3

Mount the support profile for the electronics. Screw it on at least every 60 cm with the ST4,2x19 self-drilling sheet metal screw.





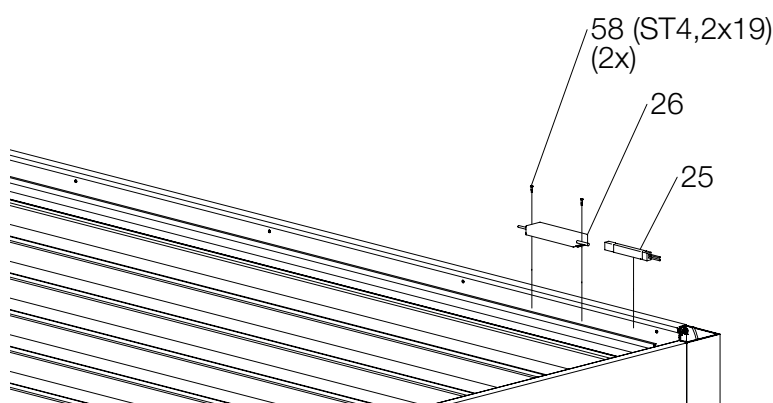
6.15 Connecting the lighting and motor

Step 1

Switch off the mains supply.

Step 2

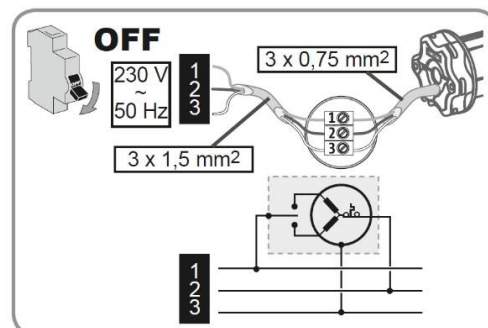
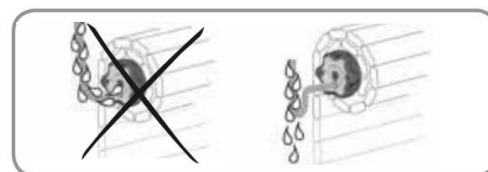
Place the 24V power supply and the LED driver, near the existing wiring, on the support profile. Use cable ties or sealant.



Step 3

Connect the motor according to the figure below. Always mount the power cable with a loop to prevent water from entering the motor.

	230 V ~ 50 Hz	Motor cable
1	Brown	Phase (F)
2	Blue	Zero (N)
3	Yellow-Green	Grounding ()



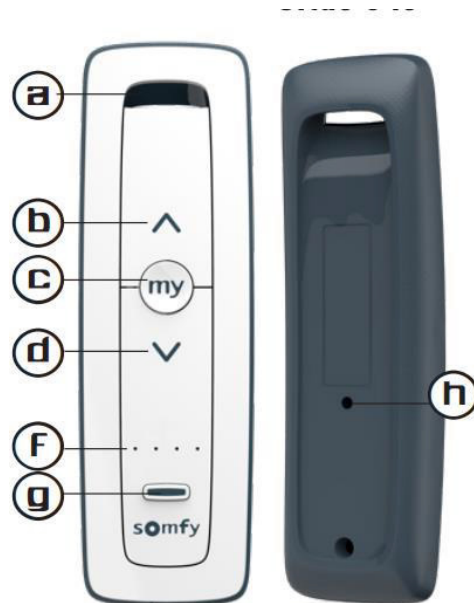


6.16 Pairing the remote control

- A. Remote control wall bracket
- B. Button on / on / open
- C. STOP / MY button
- D. Key down / off / close
- F. Indicator lights for operating the keys and the channel selection button
- G. Channel selection button
- H. PROG key

Remote control details:

Channels:	5
Battery type:	2430 Lithium
Battery voltage:	3V
Thickness:	22mm
Width:	49mm
Height:	145mm
Colours:	White
Radio frequency:	433.42 MHz
Radio range:	20m through walls
Protection index:	IP30
Details:	Shockproof / 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 on the correct channel.

Step 3

Connecting cable group 1

Press the Up and Down key at the same time, an LED light comes on and goes off again. Briefly press the PROG key on the remote control. The LED light goes on and off again.

The remote control for these LED lights is registered.

Step 4

Connecting cable group 2

Make sure the remote control is on the same channel as in step 3. Press the Up and Down keys simultaneously, an LED light will turn on and off again. Briefly press the PROG key on the remote control. The LED light comes on and goes off again.

The remote control for these LED lights is registered.

Removing lighting 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 switch 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

The lighting has been removed from the channels on the 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 connected to. Make sure the remote control is on the correct channel.

Step 3

Press the Up and Down keys simultaneously: the motor moves briefly. The remote control is registered to the motor.

Step 4

Check the direction of rotation of the motor. Press the On key. If the slats move in the correct direction, the direction of rotation is correct. If the direction of rotation is not correct, press the MY key until a movement of the motor is perceptible. The direction of rotation has now changed. Press the Op key to check the direction of rotation.

Step 5

Then 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 with the Up or Down key. Then press both 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 key to move the slats to the other desired end position. After this, press the MY and Up key simultaneously. The slats start moving. Briefly press the MY key to stop the movement. Press the MY key again until the motor moves. The end positions are stored.

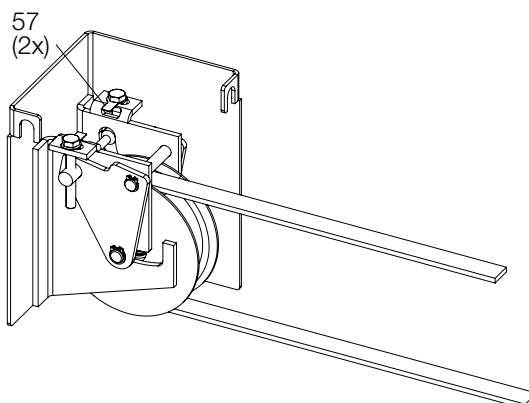
Step 7

Briefly press the PROG button on the remote control. The motor moves briefly.

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

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

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

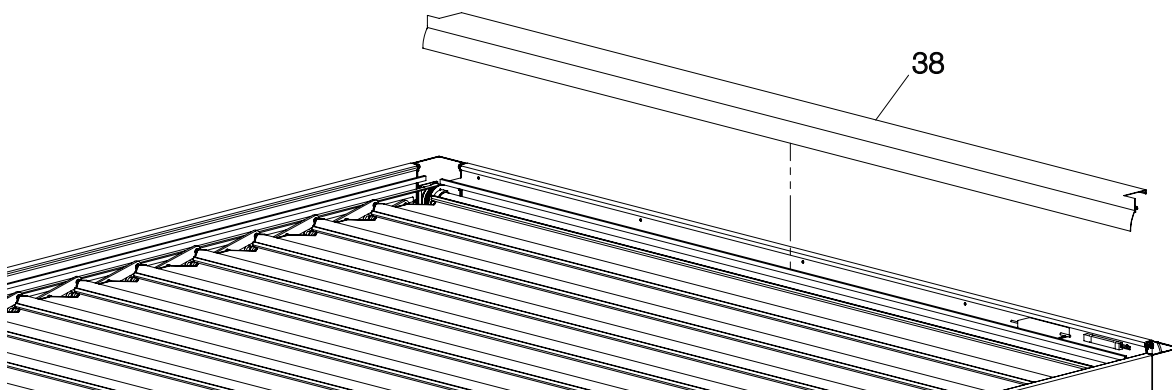




6.17 Placing the side covers

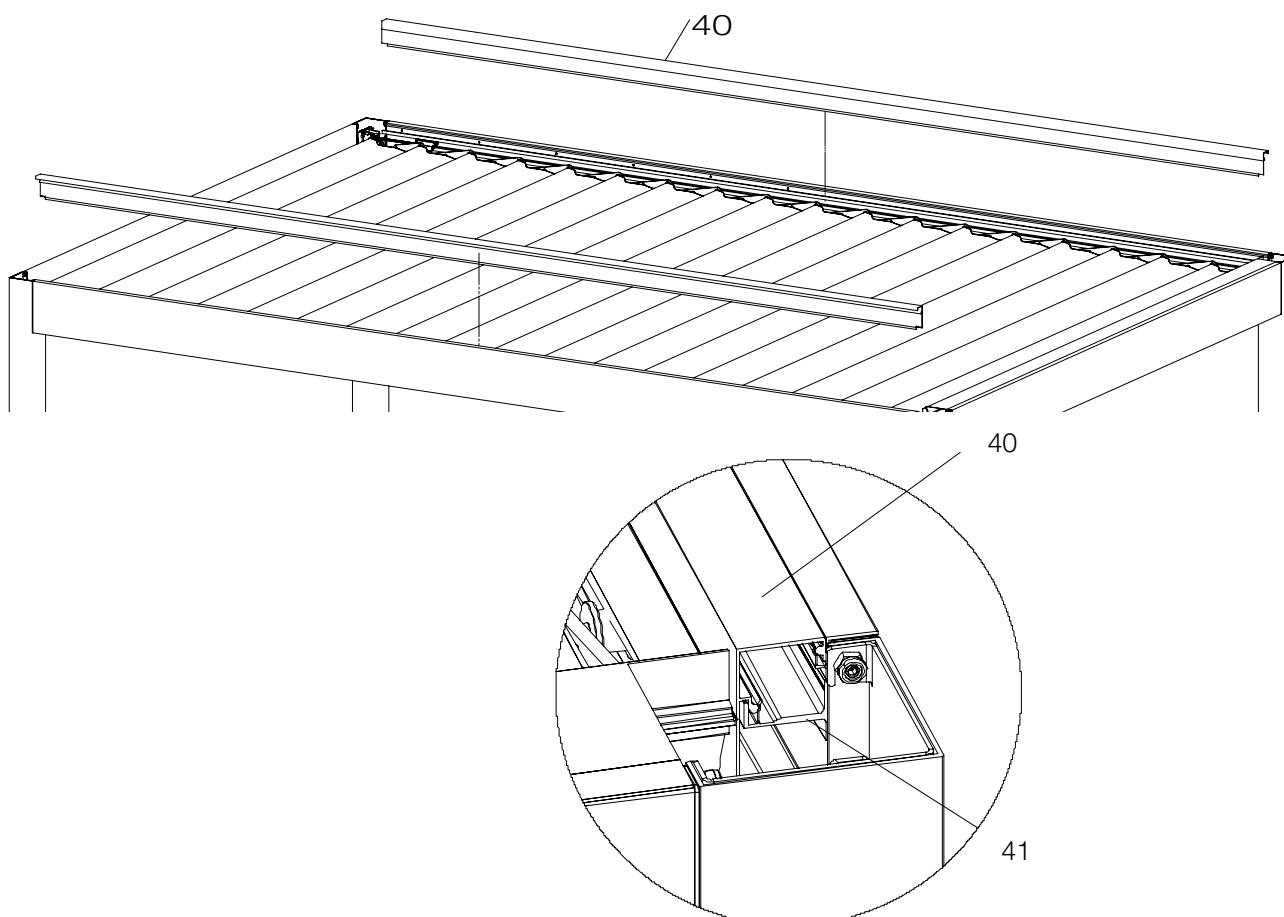
Step 1

Click the side cover electronics into the support profile electronics.



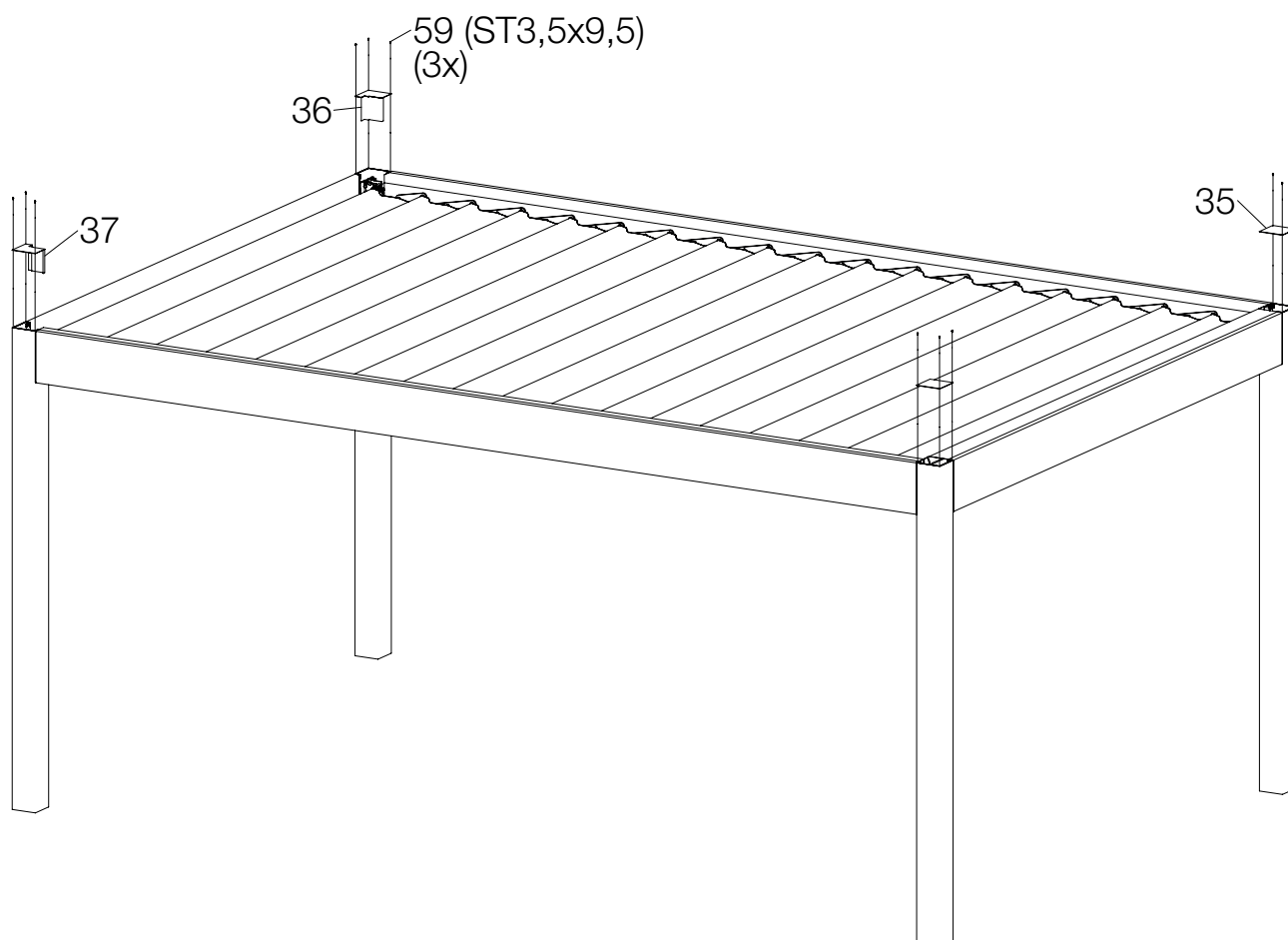
Step 2

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



Step 3

Fit the post cover plate and the post side cover left and right with screw ST3.5x9.5.



Hurray! Your Pinela Deluxe Plus is ready!



7. Maintenance

We recommend maintaining and cleaning this veranda at least once a year. Check whether the screws are still tight. If not: tighten them well.

Aluminium profiles and slats that are soiled can be cleaned with lukewarm water and a cleaning product.

- Use a soft brush or sponge.
- Note: never use abrasives or aggressive solvents or high-pressure sprays.
- Pre-rinse and rinse with plenty of water, then wipe with a soft cloth...

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

8. Disposal of waste

Dispose of the product according to local laws and regulations.

9. Warranty conditions

Warranty according to Warranty conditions and general terms and conditions of Deponti. These can be found on our 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
Engine	5 years

*The powder coating guarantee of aluminium parts is two years when the product is placed in a place where it comes into contact with salty or chemical steam (near ports, coastal areas and swimming pools).

10. Contact

Important: The Deponti partner is your first point of contact for questions and comments.



CE

1231

Deponti
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5347KN Oss
NL

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1231-CPR-1090-1-2410-D-344

EN 1090-1:2009/A1:2011

PPLX
Pinela Deluxe Plus
Canopy

Declared properties:
Tolerances on geometrical data:

EN 1090-3

Weldability:

NPD

Fracture toughness:

NPD

Reaction to fire:

A2 - s1, d0

Release of cadmium:

NPD

Emission of radioactivity:

NPD

Durability:

NPD

Structural characteristics:
Load bearing capacity:

Load chart acc. to Eurocode 0, 1, 9

Deformation at serviceability limit state:

Acc. to maximum load charts

Fatigue strength

NPD

Resistance to fire:

NPD

Manufacturing:

1090-3, EXC2

NPD = No Performance Declared