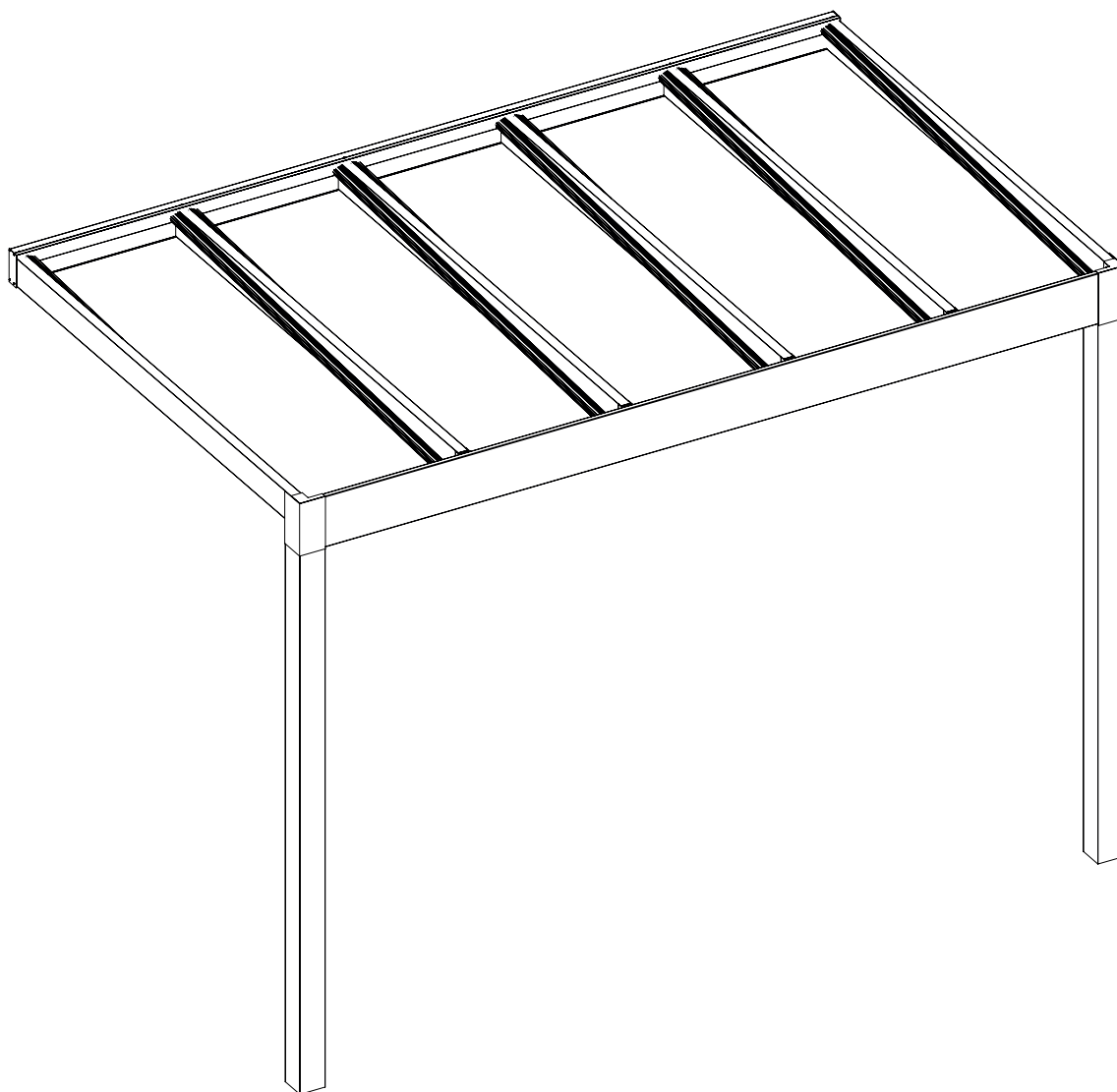




Operating / Assembly instructions Deponti veranda

Type Trebbiano



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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 Trebbiano. Très bien!

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 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).
- We recommend using material lifts when installing 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 prevents 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.
- To prevent damage to the veranda, place the components on a soft, clean and flat surface. Never place Glass panels directly on the ground! Laminated Glass is sensitive to scratching. Take care not to scratch it. Be extra careful with the edges and corners of the Glass panels.
- Never stand on the Glass panels.
- The addition or omission of components, or the processing of materials other than as prescribed can have a detrimental effect on the safety of the veranda and is therefore strongly discouraged!
- Secure the mounting location with safety tape to keep third parties at a distance.
- 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.
- 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.
- If there is a version with polycarbonate sheets: Never stand or walk on these polycarbonate sheets! The polycarbonate sheets are strong, but not sufficiently resistant to point loads.
- Make sure all fasteners are tightened properly. Check this regularly.
- Make sure you have waterproofed the veranda.
- We recommend maintaining and cleaning this 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 allowed to remove greasy dirt.
- Dispose of 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 accessories. Deponti B.V. is not responsible for any damage.

- Always turn off the power at the location where you will be working before starting to install the product. The installation connectors are intended for de-energised connection and disconnection only.
- In some countries, electrical installations may only be carried out by a qualified electrician. If this applies, please comply.
- The installation should be installed according to local laws and regulations.
- The product has an output of 60W per luminaire/driver. When connecting, ensure that the relevant power group is not overloaded. Call in an expert if in doubt. In any case, do not connect more than 5 fixtures/LED strips to one supplied connection cable (230V).
- The LED lighting is double insulated and not equipped with protective earth.
- Secure the cables with appropriate fasteners. Ensure at all times that cables are not damaged.
- Do not use staplers, nails or anything similar to fix this product or its wires, as this may damage the insulation.
- While installing and using the product, take care not to be statically charged. Do not touch the product with sharp tools.
- Use only the parts provided. Use of other items such as an extension cord may damage the product or lead to dangerous situations. Dangerous compatibility between installation coupling systems from different manufacturers is not automatically prevented by compliance with IEC 61535.
- Always consult the operating instructions of supplied products and act in accordance with these instructions.
- The installation coupling systems do not replace the national standard system of plugs and sockets.



3. Product description

Where clean lines and transparency coincide. The Trebbiano is a real *eye-catcher*.

The aluminium veranda type Trebbiano consists of the following parts: posts, gutter profile, posts, Glass panels, finishing gutters, top covers, Drip profiles, Splash profiles and the necessary accessories mounting materials. This veranda is fitted with LED lighting as standard.

The Trebbiano is available as standard in a width of 3914, 4878, 5842 or 6806mm, coupled can be infinite. The veranda can have a projection of 2982, 3482, 3982 or 4482mm deep.

Glass panels are made of thermally strengthened 8.8 mm safety glass.

Details

Gutter	145 x 300mm
Posts	150 x 150mm
Colours	Traffic White structure (RAL9016) / Antracite structure (RAL7024) / Black structure (RAL9005)
Roofing	Thermally strengthened 8.8 mm safety glass*
Maximum height	2.8m
Width (mm)	3914 / 4878 / 5842 / 6806 or a multitude thereof.
Projection (mm)	2982 / 3482 / 3982 / 4482
LED lighting** / ***	Warm white 2400K, 8 W/m, cutting length 6 LEDs/50mm

* Optionally also available with reinforced 55.2 safety glass.

** Optionally also available without LED. By using the optional "Cover strip LED gutter", the LED strips can be covered to make the cover without LED.

*** The standard supplied driver supports max. 7.5 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 any existing foundation or stone surface. Order the additional blind mounting base in our portal.



3.1 Snow and Wind load

The tables summarise 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 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. The net snow load on the roof follows from the S_k 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.

Trebbiano 8.8 mm (TV)

Dimensions of veranda (Width x Projection)	Max. load downwards (kN/m ²)	Max. load downwards (kg/m ²)	Max. wind suction (kN/m ²)
3914 x 2982	1,04	106	1,22
4878 x 2982	1,04	106	1,22
5842 x 2982	1,04	106	1,22
6806 x 2982	1,04	106	1,22
3914 x 3482	1,04	106	1,22
4878 x 3482	1,04	106	1,22
5842 x 3482	1,04	106	1,22
6806 x 3482	1,04	106	1,22
3914 x 3982	1,04	106	1,22
4878 x 3982	1,04	106	1,22
5842 x 3982	1,04	106	1,22
6806 x 3982	1,00	106	1,22
3914 x 4482	1,04	106	1,22
4878 x 4482	1,04	106	1,22
5842 x 4482	1,04	106	1,22
6806 x 4482	1,04	88	1,22

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


Trebbiano 55.2 (TV)

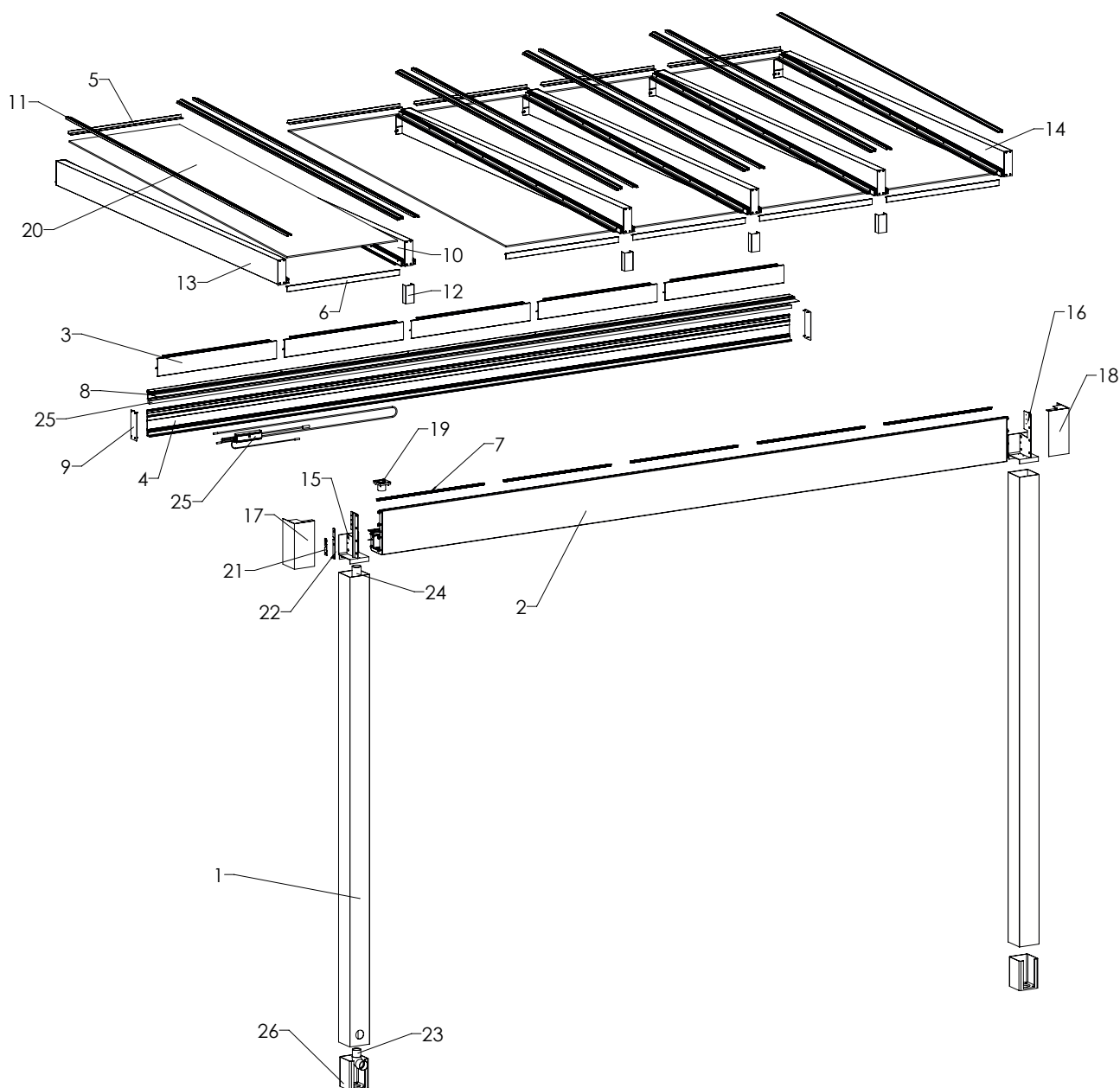
Dimensions of veranda width x Projection (mm)	Max. load downwards (kN/m ²)	Max. load downwards (kg/m ²)	Max. wind suction (kN/m ²)
3914 x 2982	1,70	173	1,93
4878 x 2982	1,70	173	1,93
5842 x 2982	1,70	173	1,93
6806 x 2982	1,70	173	1,93
3914 x 3482	1,70	173	1,93
4878 x 3482	1,70	173	1,93
5842 x 3482	1,70	173	1,93
6806 x 3482	1,62	165	1,93
3914 x 3982	1,70	173	1,93
4878 x 3982	1,70	173	1,93
5842 x 3982	1,70	173	1,93
6806 x 3982	1,00	102	1,93
3914 x 4482	1,42	145	1,92
4878 x 4482	1,42	145	1,92
5842 x 4482	1,42	145	1,92
6806 x 4482	1,19	88	1,75

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



4. Parts overview

4.1 Exploded view



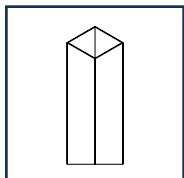
4.2 Delivery inspection

Please note: always check the delivery note of delivered parts carefully for quantity and quality. Any visible defects should be reported in writing within 7 days of delivery.

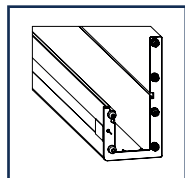


4.3 Parts list

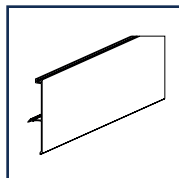
Below we show which parts are packed together. Use the order form to check the quantity and quality of the parts delivered per package.



01. Posts

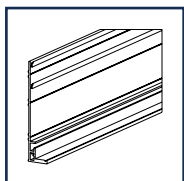


02. Gutter profile

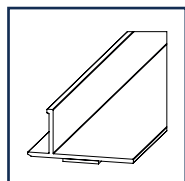


03. Finishing top cover

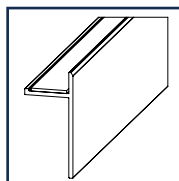
Wall profile Trebbiano package



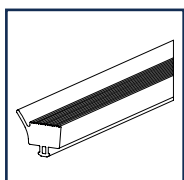
04. Wall profile



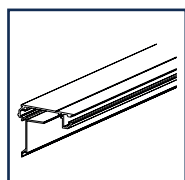
05. Splash profile



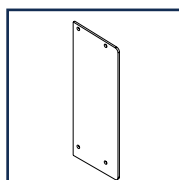
06. Drip profile



07. Rubber seal gutter

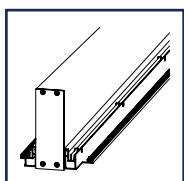


08. Adjustment profile

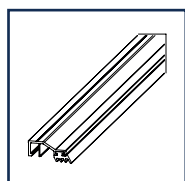


09. Wall profile finish cover

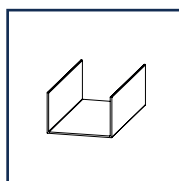
Middle beam package



10. In between beam including glass profile

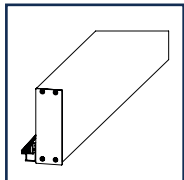


11. Glazing bead

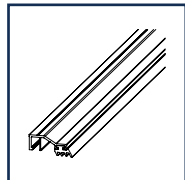


12. Cover U-profile

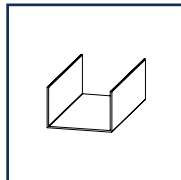
Right side beam package



13. Right side beam including glass profile

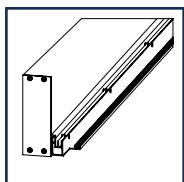


11. Glazing bead

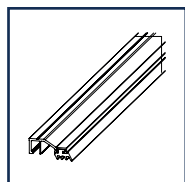


12. Cover U-profile

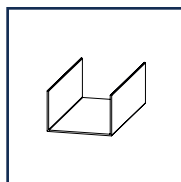
Left side beam package



14. Left side beam including glass profile

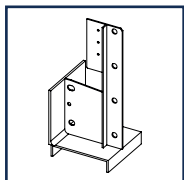


11. Glazing bead

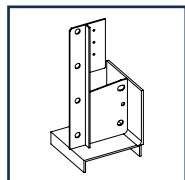


12. Cover U-profile

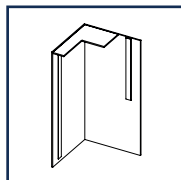
Posts Corner pieces set



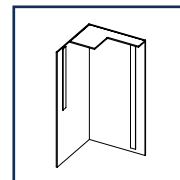
15. Corner piece left



16. Corner piece right

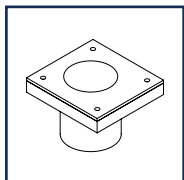


17. Side cover left

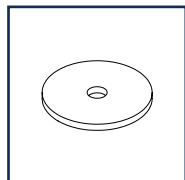


18. Side cover right

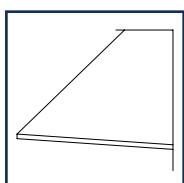
Trebbiano rain water drainage (RWD) package



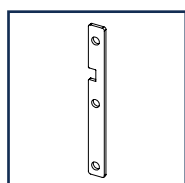
19. Water drainage



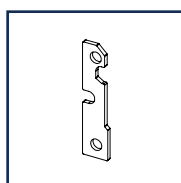
RWD Drilling jig



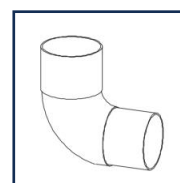
20. Glass plate



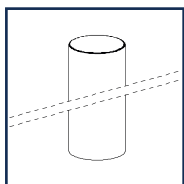
21. Pressure distribution plate small



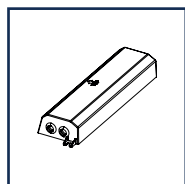
22. Pressure distribution plate large



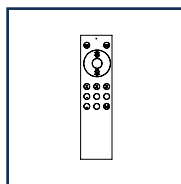
23. 90° RWD bend



24. RWD pipe Ø80 mm



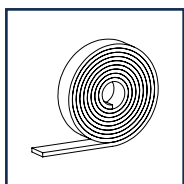
25. Power supply



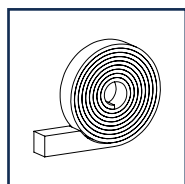
Remote control



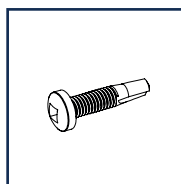
Scotchlok



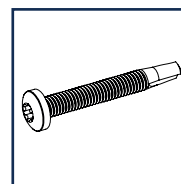
EPDM foam



Comriband



Screw 4.2x19mm

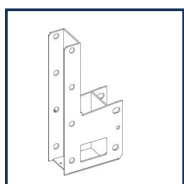


Screw 4.2x32mm

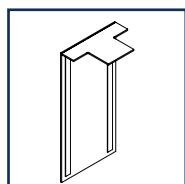


Connection cable LED
lighting

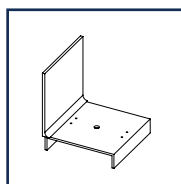
Optional - Coupling piece gutter Trebbiano set



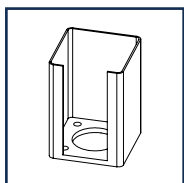
Coupling piece



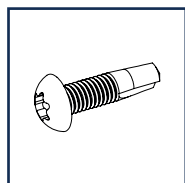
Coupling piece finish
cover



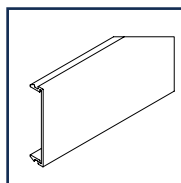
Connection piece centre
post PP & Trebbiano



26. Mounting base



Screw 6.5x25mm



LED cover strip



5. Preparation for assembly

5.1 Conditions for assembly

Surface & facade

- Ensure a good flat stable surface for the construction of this veranda.
- The location where the veranda is to be installed must be ready for building 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.

Dimensions & linked verandas

- The maximum Projection is 4.5 metres.
- Maximum dimension between posts is 7 metres.
- For coupled verandas, there will always be a post under the coupling.

Assembly at walls

- Due to the expansion of the materials, the veranda should not be placed tightly between two walls. A clearance of 1.5 mm per metre width of the veranda should be maintained.

Screws and drills

- For this veranda, Deponti supplies special screws 4.2x19mm and 4.2x40mm made of stainless steel.
- Note: pre-drill each screw with a 3mm drill bit (unless otherwise indicated).
- Note: never drill and screw through the PVC rainwater discharge pipe in one of the posts.

Sealant

- The sealant supplied has been specially selected for watertight sealing of aluminium to aluminium or to most materials common in construction such as walls, concrete, etc. For this, follow the instructions on the tube.
- Note: the optimum sealant processing temperature is +5°C to +40°C.

Rubbers

- The Trebbiano veranda is equipped as standard with loose and pre-mounted black rubbers.
- 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.

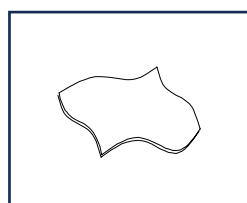
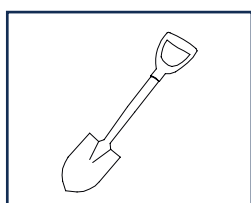
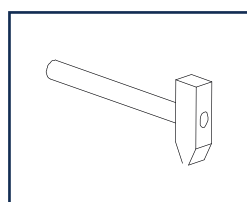
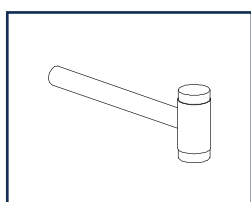
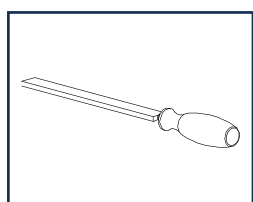
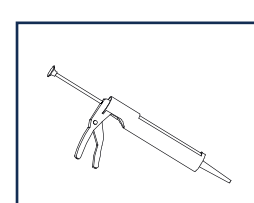
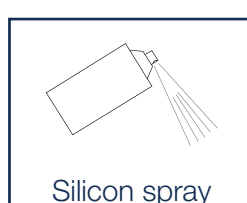
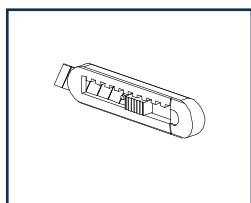
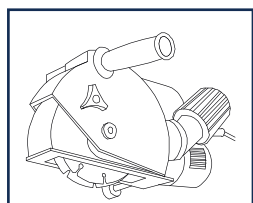
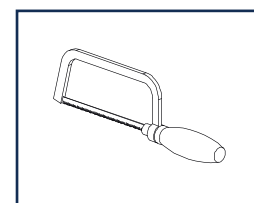
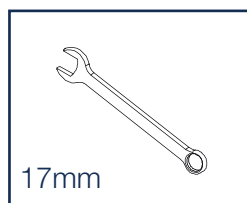
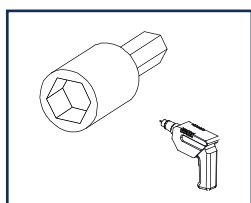
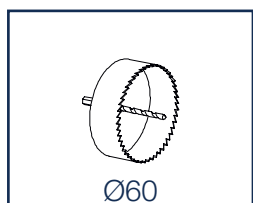
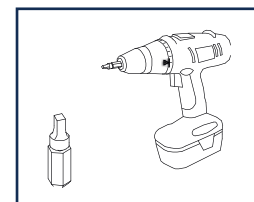
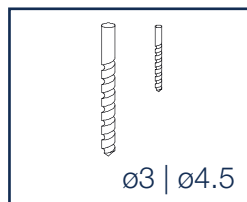
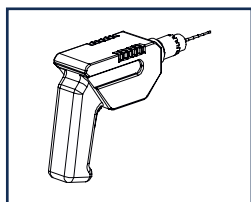
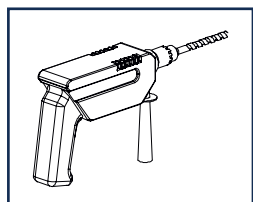
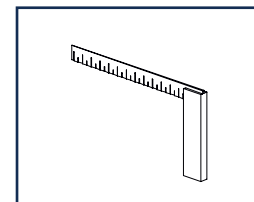
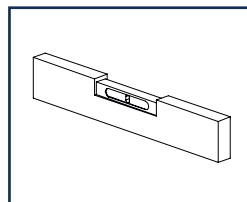
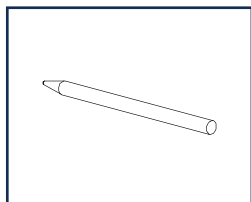
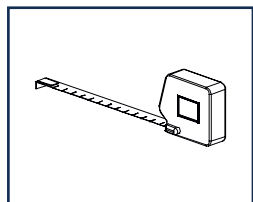
Remove protective film

- We recommend removing the protective film from the aluminium components and roofing sheets last. This prevents possible damage. However, when installing the roofing sheets, the edges of the protective film should be pulled a few centimetres towards the centre of the sheet. This prevents the foil from getting stuck in the profiles. In such a situation, it is difficult to remove the foil.

Please note that the warranty will be void if the Trebbiano veranda by Deponti is not assembled and installed in accordance with the guidelines.



5.2 Inspection of tools and accessories





5.3 Dimension Trebbiano

The table below shows the sizes of the different sizes of Trebbiano.

Dimension of veranda width x Projection (mm)	Amount of panels	Spacing between centre of beams (mm)	Dimensions of glass (mm)
3914 x 2982	4	964	840 x 2870
4878 x 2982	5	964	840 x 2870
5842 x 2982	6	964	840 x 2870
6806 x 2982	7	964	840 x 2870
3914 x 3482	4	964	840 x 3370
4878 x 3482	5	964	840 x 3370
5842 x 3482	6	964	840 x 3370
6806 x 3482	7	964	840 x 3370
3914 x 3982	4	964	840 x 3870
4878 x 3982	5	964	840 x 3870
5842 x 3982	6	964	840 x 3870
6806 x 3982	7	964	840 x 3870
3914 x 4482	4	964	840 x 4370
4878 x 4482	5	964	840 x 4370
5842 x 4482	6	964	840 x 4370
6806 x 4482	7	964	840 x 4370

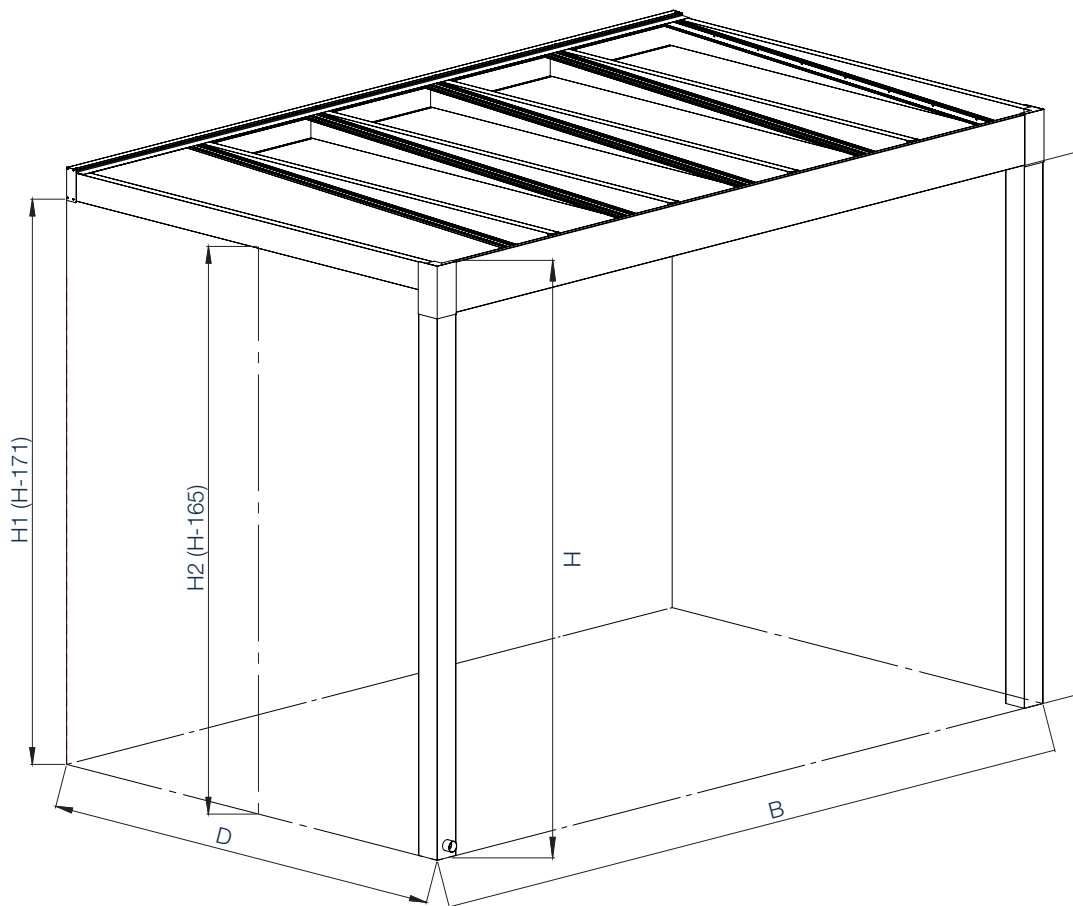


6. Assembly

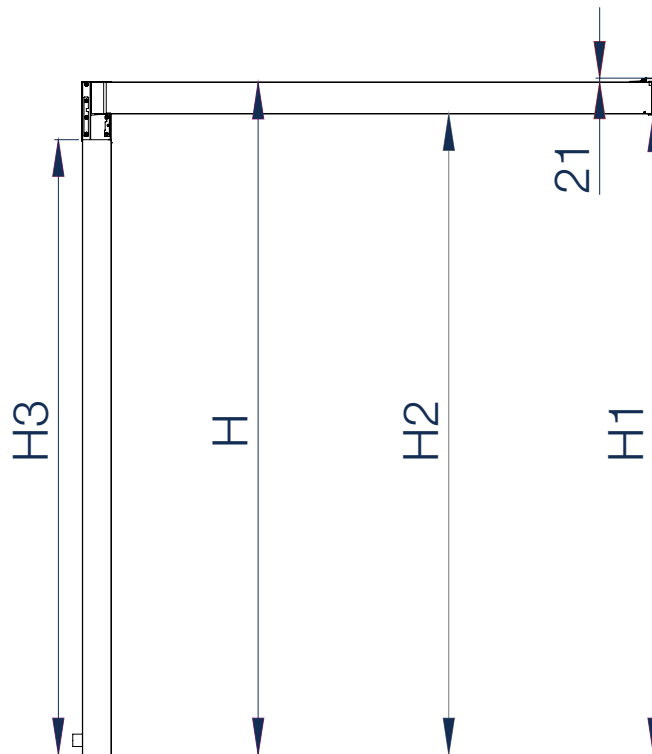
6.1 Measuring & determining dimensions

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.

Please note that the overall height of the veranda at the wall profile is 20mm higher than the top of the gutter.



- H: Height from ground to top edge of beam
- H1: Height from ground to bottom edge of wall profile
- H2: Height from ground to underside of beam
- H3: Height from ground to bottom of gutter
- B: Length of wall profile
- D: Distance from rear wall profile (wall) to front of posts



The posts are delivered in overlength for embedding in concrete. If you mount the veranda using (optional) mounting bases, cut the post to the distance from the ground to the bottom of the gutter (H3).

When fitting a Deponti Fiano Glass sliding wall under a Trebbiano, it is recommended to choose from one of the following combinations:

Option 1:

- H3 size: 2250mm (to be installed at 2270mm)
- H2 size: 2400mm (to be installed at 2405mm)

Option 2:

- H3 size: 2350mm (to be installed at 2370mm)
- H2 size: 2500mm (to be installed at 2505mm)



6.2 Fixing the wall profile

Step 1

If the wall profile does not need to be shortened, you can mount it straight away. Otherwise you must first cut the wall profile to the desired length.

Please note: When connecting two verandas, one of the two wall profiles must be shortened by 60 mm before mounting.

Step 2

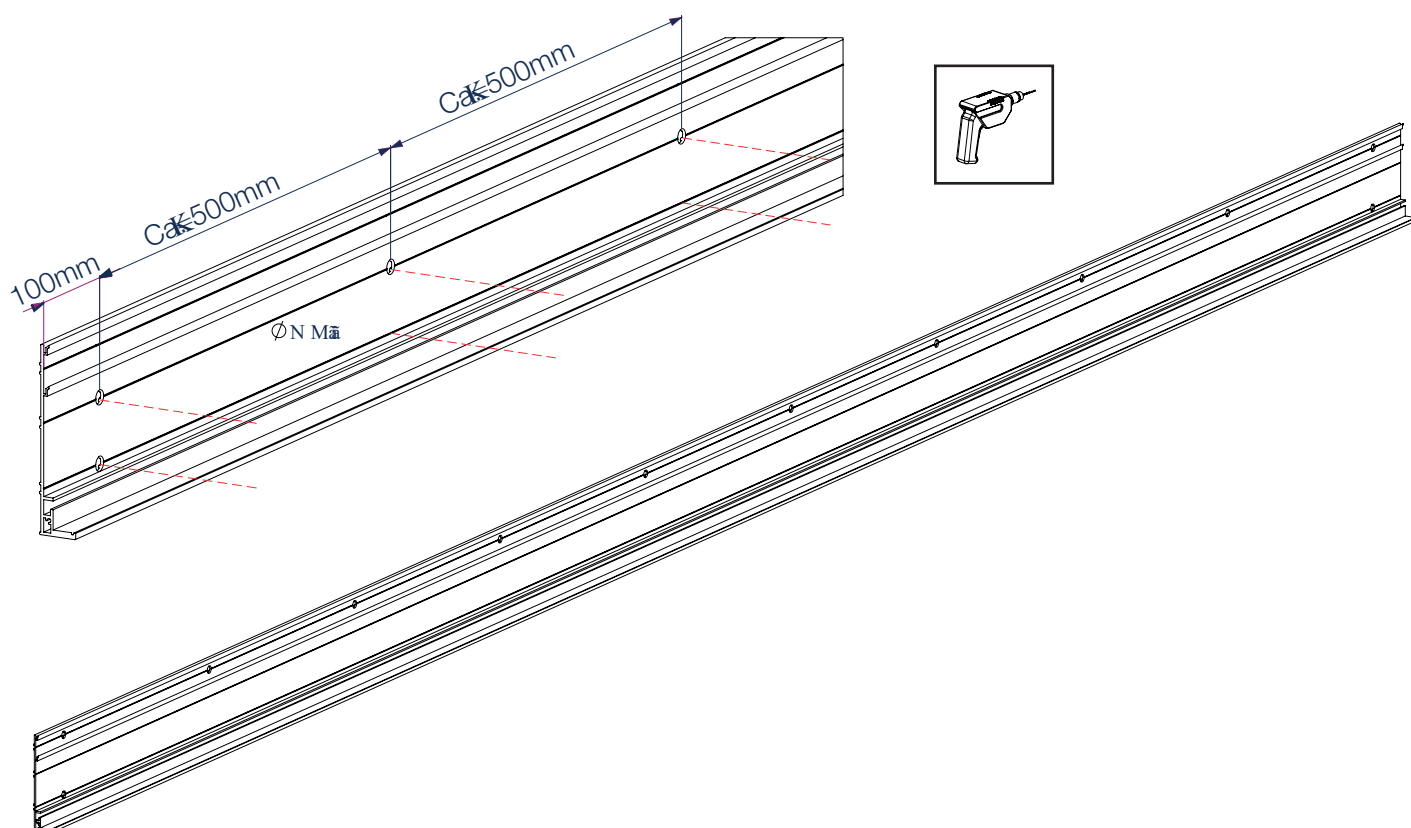
Drill holes approximately 500mm apart in the wall profile. Start approximately 100mm from the end and end approximately 100mm from the end.

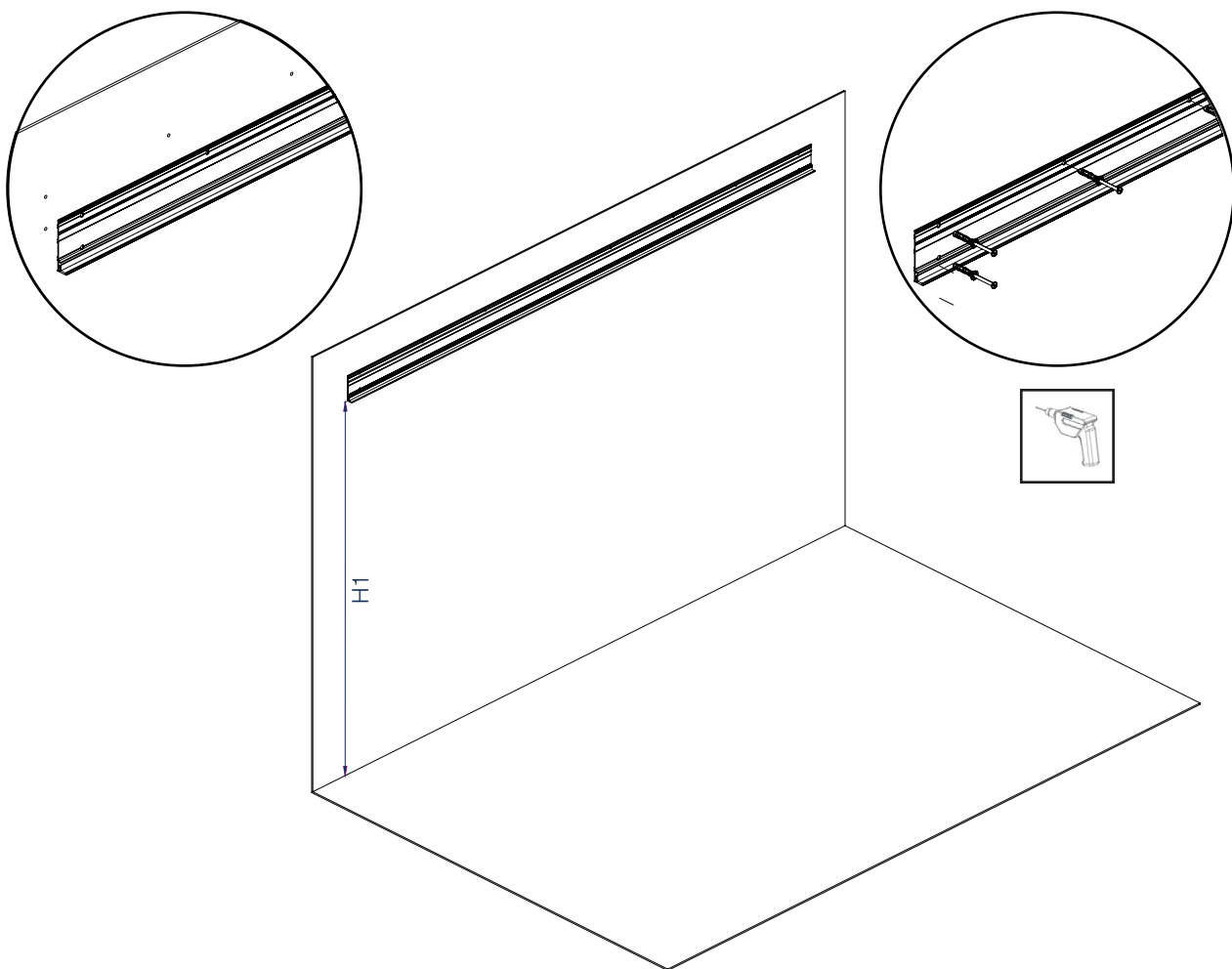
Step 3

Place the wall profile against the wall with the bottom at the desired height (H1) 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 wall profile hangs level.

Step 4

Secure the wall profile. Provide the right fasteners yourself.



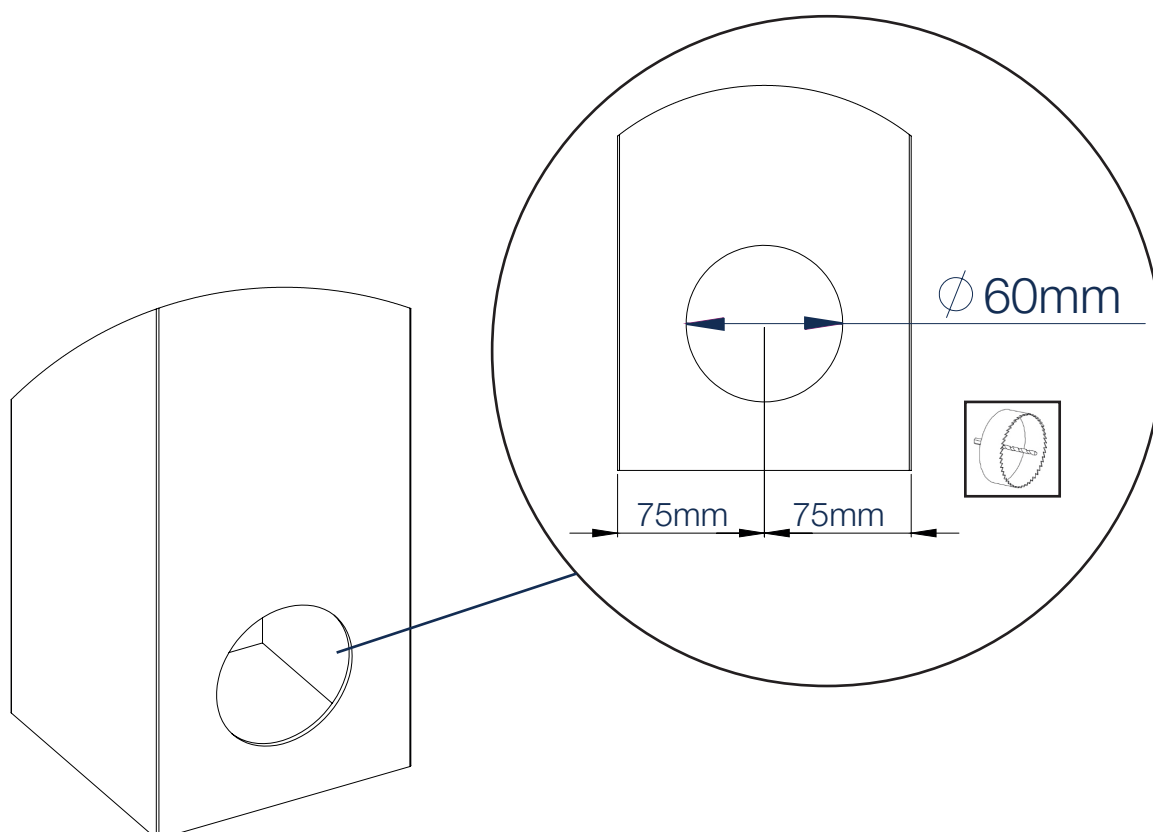




6.3 Rain water drainage (RWD)

Step 1

Determine on which side and height of the posts you want the drainage outlet. Using the drill bit, drill the $\varnothing 60$ 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.

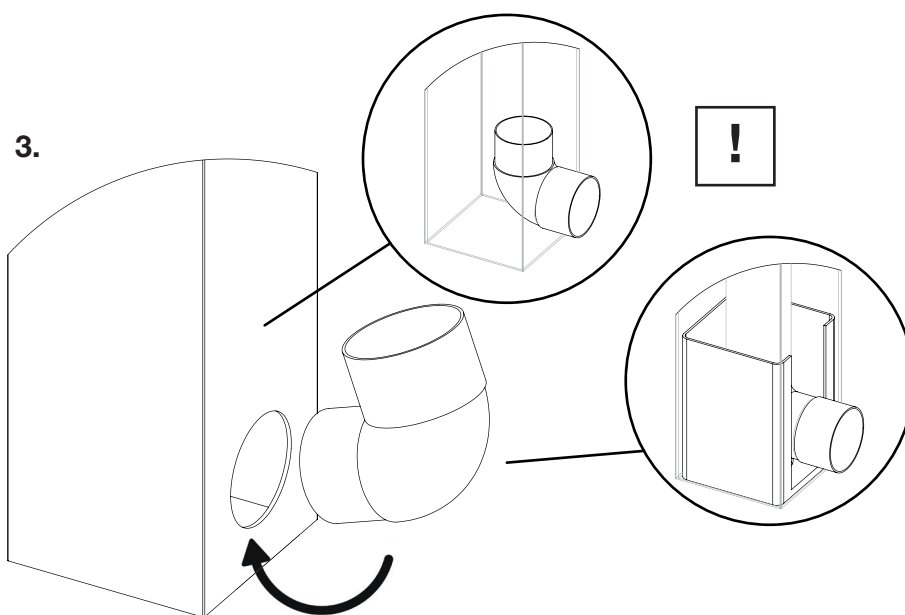




Step 2

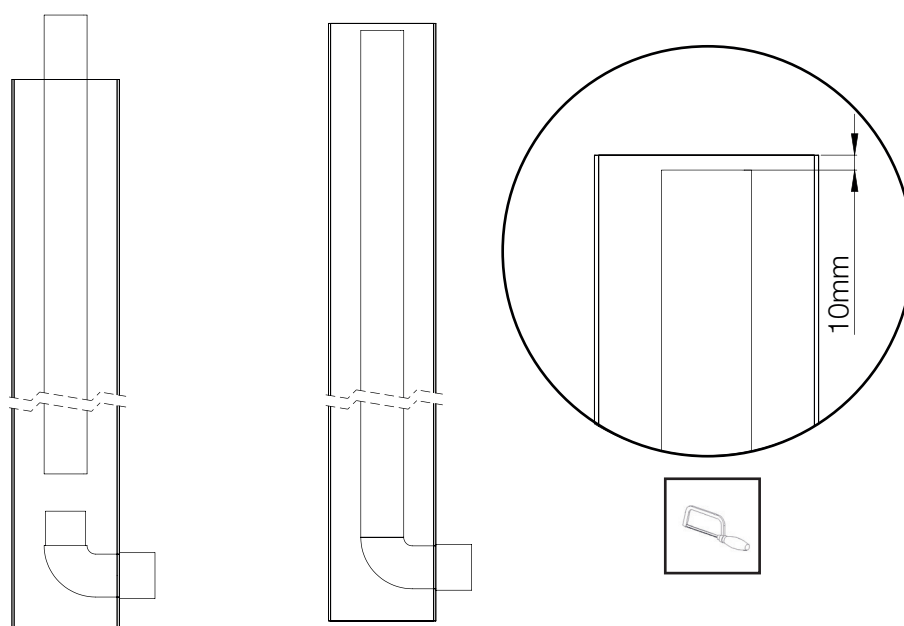
Place the RWD bend in the hole at the bottom of the post.

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 3

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 $\pm 10\text{mm}$ below the plate of the post.

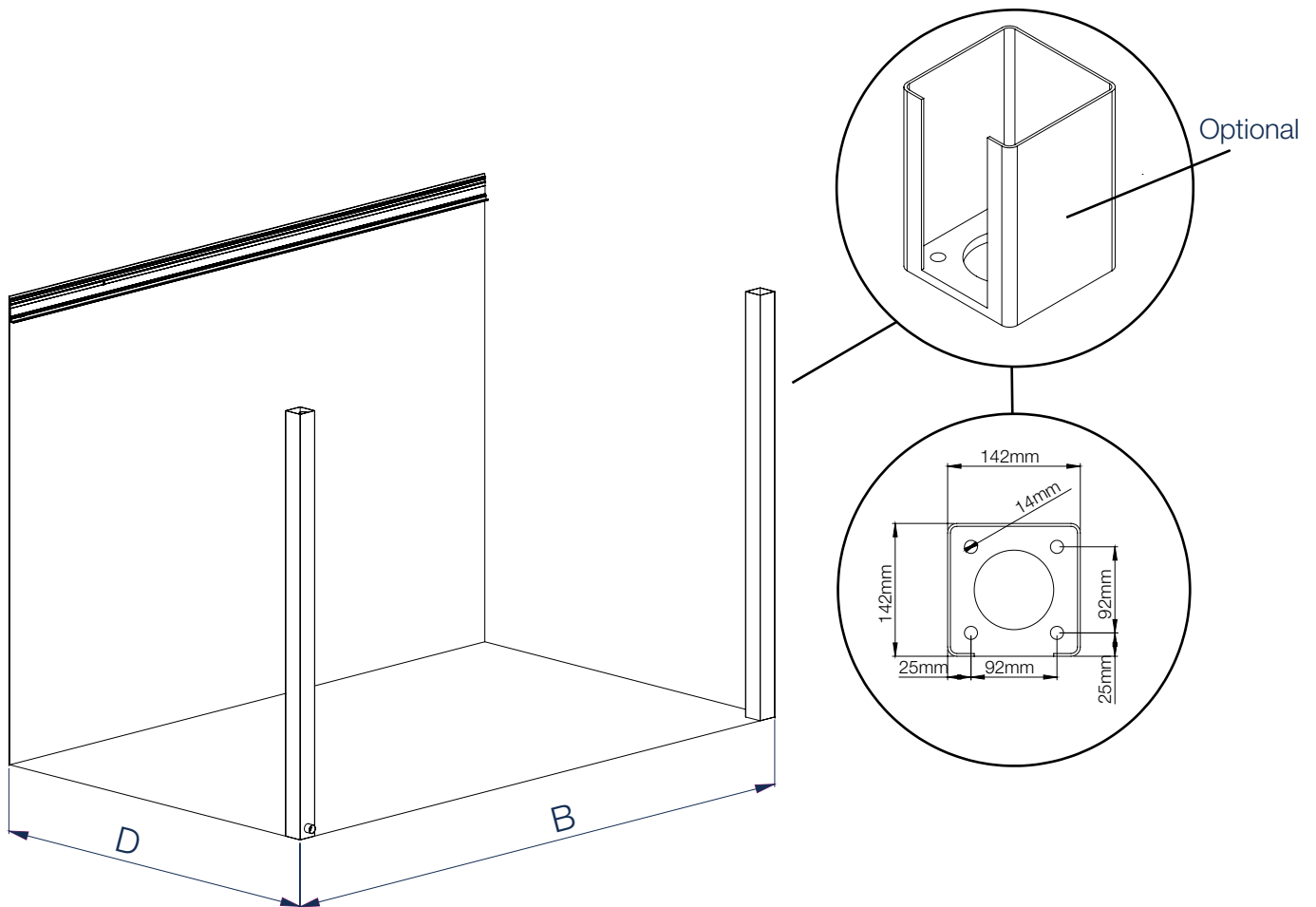




6.4 Fastening of posts

Determine the positions of the posts on the terrace and the optional blind mounting bases. Also consider which side the RWD should be on. Make sure the positions are completely square and that the height is level. The correct width and depth for fitting a blind mounting base can be found in table 6.4.1.

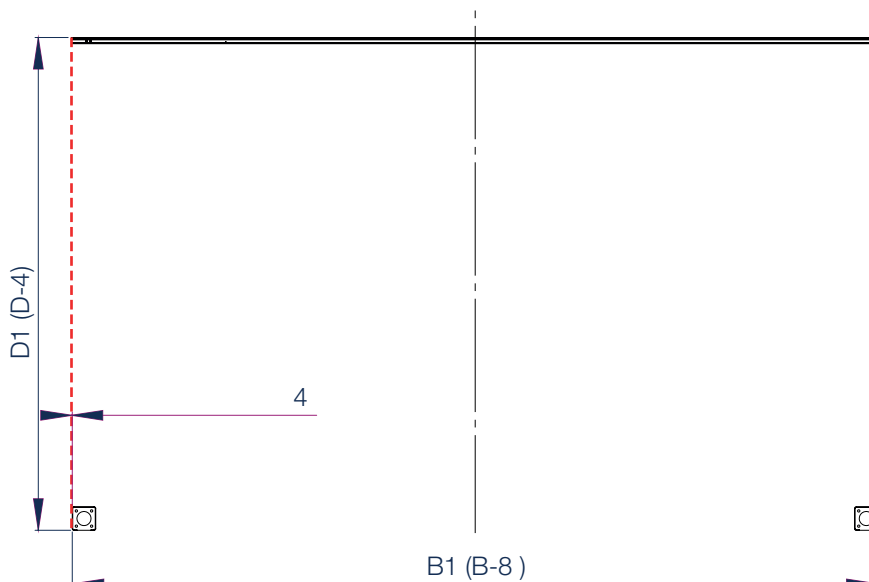
Note: when using blind mounting bases, first attach them to the surface. The correct position of the Mounting bases can be found in Table 6.4.1. For fixing the base to the substrate, we recommend using M12 5.8 Hilti-HY 200 anchor with a bonding depth of 170mm.



- B: Length of wall profile
D: Distance from rear wall profile (wall) to front of posts.



Blind mounting bases



Dimensions outside blind Mounting base

Dimensions of veranda width x Projection (mm)	Width (B1)	Projection (D1)	Diagonal outer posts (X1)
3914 x 2982	3906	2974	5051
4878 x 2982	4870	2974	5856
5842 x 2982	5834	2974	6704
6806 x 2982	6798	2974	7579
3914 x 3482	3906	3474	5362
4878 x 3482	4870	3474	6127
5842 x 3482	5834	3474	6941
6806 x 3482	6798	3474	7789
3914 x 3982	3906	3974	5700
4878 x 3982	4870	3974	6424
5842 x 3982	5834	3974	7205
6806 x 3982	6798	3974	8026
3914 x 4482	3906	4474	6060
4878 x 4482	4870	4474	6746
5842 x 4482	5834	4474	7493
6806 x 4482	6798	4474	8286

Table 6.4.1



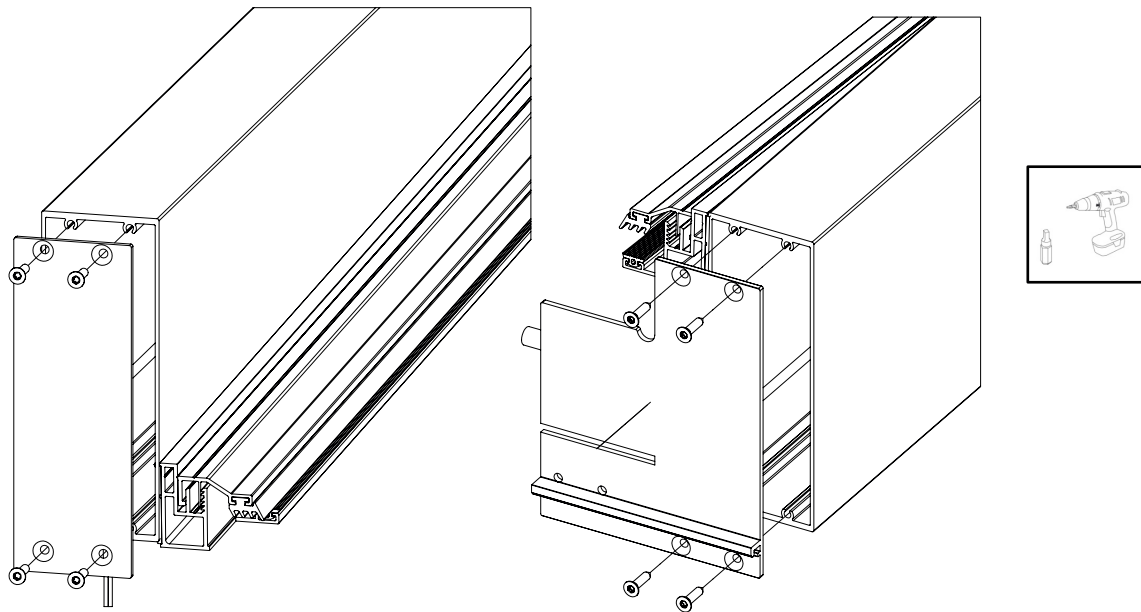
6.5 Placing the power cable in the side beam

Step 1

Determine whether the power connection of the LED lighting should be on the left or right side of the veranda. If the connection should come on the left side use the left side beam for the following steps. If the connection should be on the right side of the veranda, use the right-hand side beam for the following steps. The images below show the left-hand side beam.

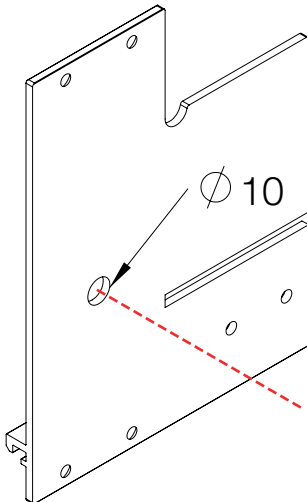
Step 2

Unscrew the front and rear caps from the beam.



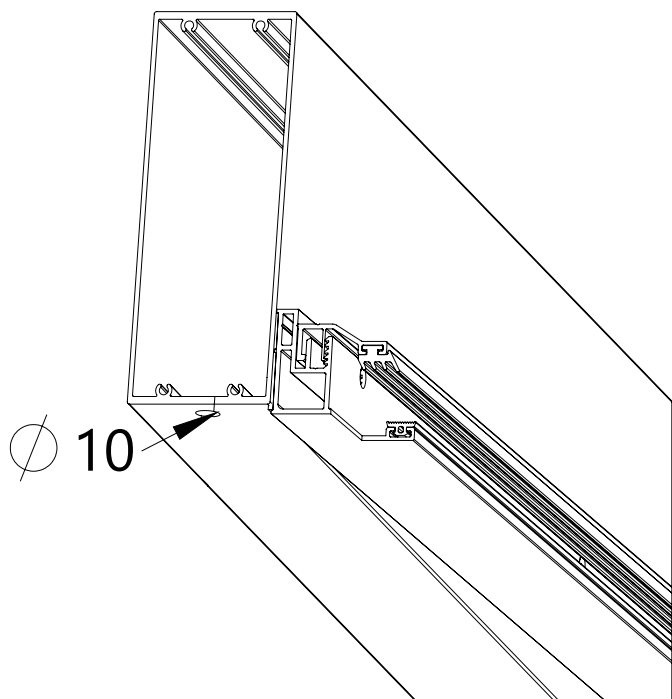
Step 3

Drill a hole with a diameter of $\varnothing 10\text{mm}$ in the rear cover.



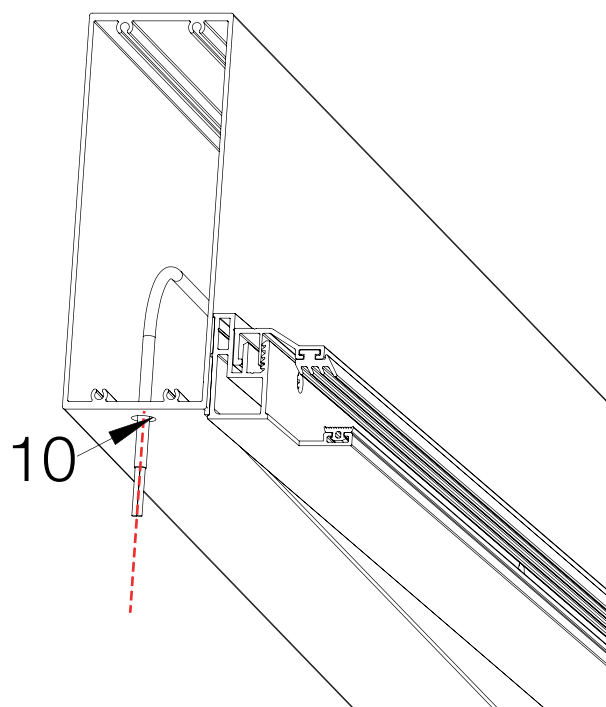
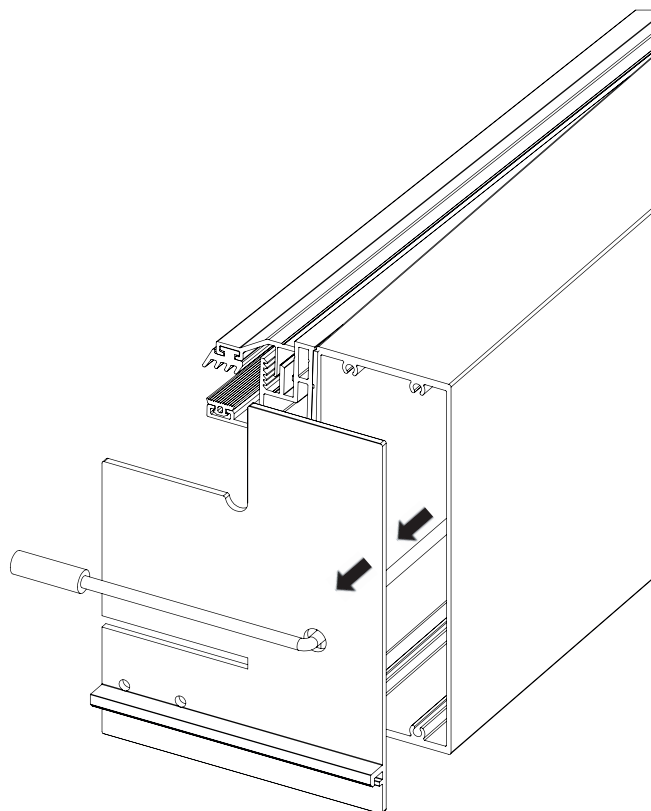
Step 4

Drill a $\varnothing 10\text{mm}$ diameter hole in the bottom of the beam at the front.



Step 5

Pull the supplied wire through the rear plate and through the beam. Thread the wire at the front of the veranda through the hole.

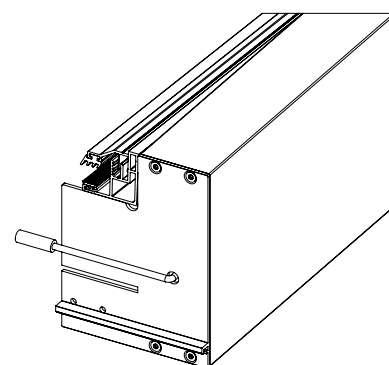
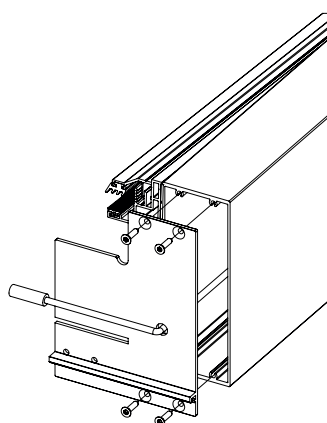
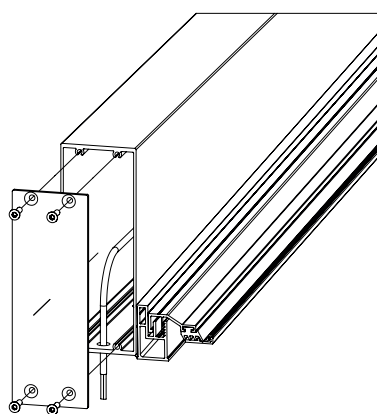


Step 6

Screw the front plate back into the beam.

Step 7

Screw the rear plate back into the beam.





6.6 Mounting the corner pieces to the gutter

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.

Step 1

Remove the covers of the LED strip from the gutter. This ensures that the corner pieces are not pushed away from the gutter.

Note: Check the distances of the pre-mounted threaded ends. The threaded ends must not project further than 20mm.

Step 2

Apply sealant to the rubber gaskets of the gutter according to the illustration below.

Step 3

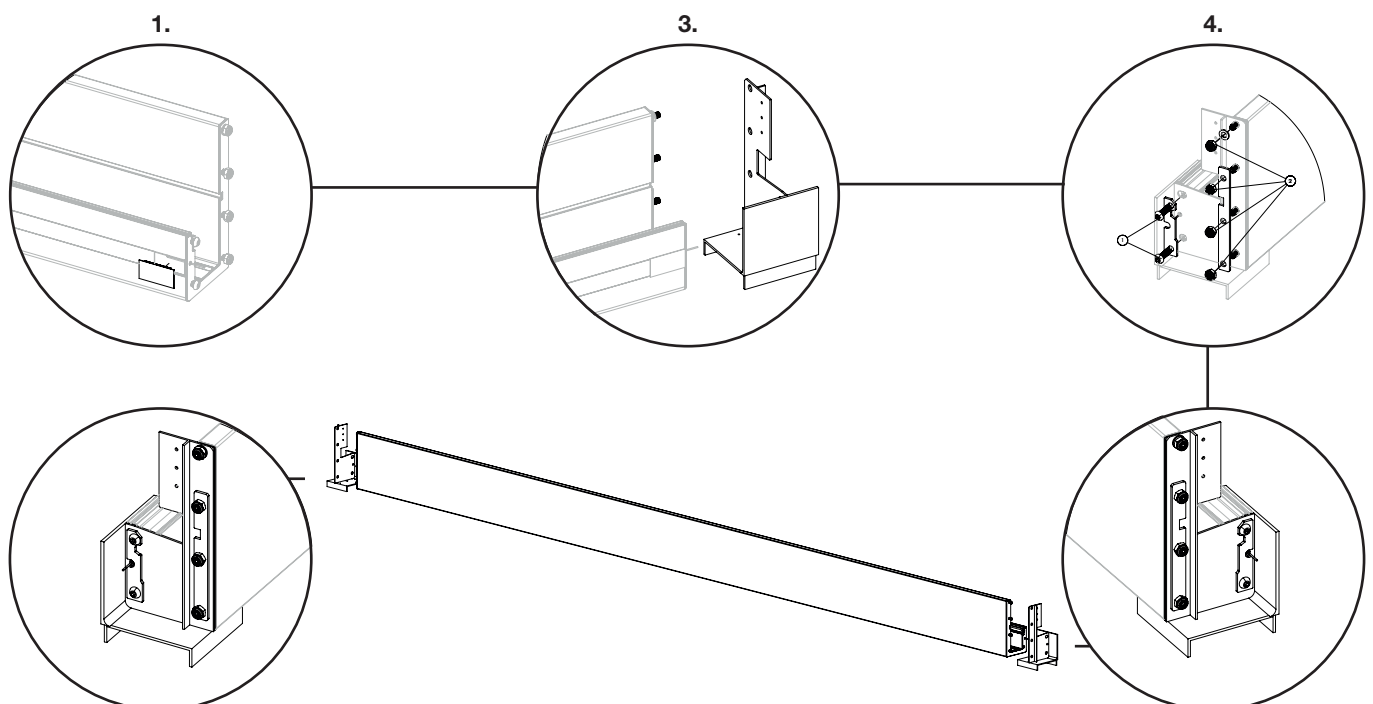
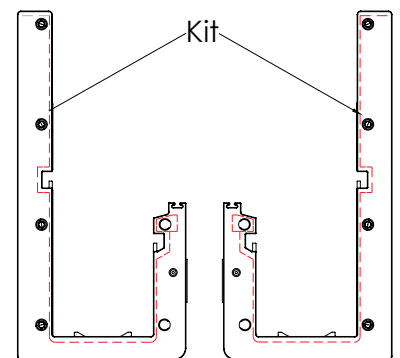
Slide the gutter into the corner pieces as shown in the image below.

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

Step 4

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

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





6.7 Mounting drainage in the gutter

Step 1

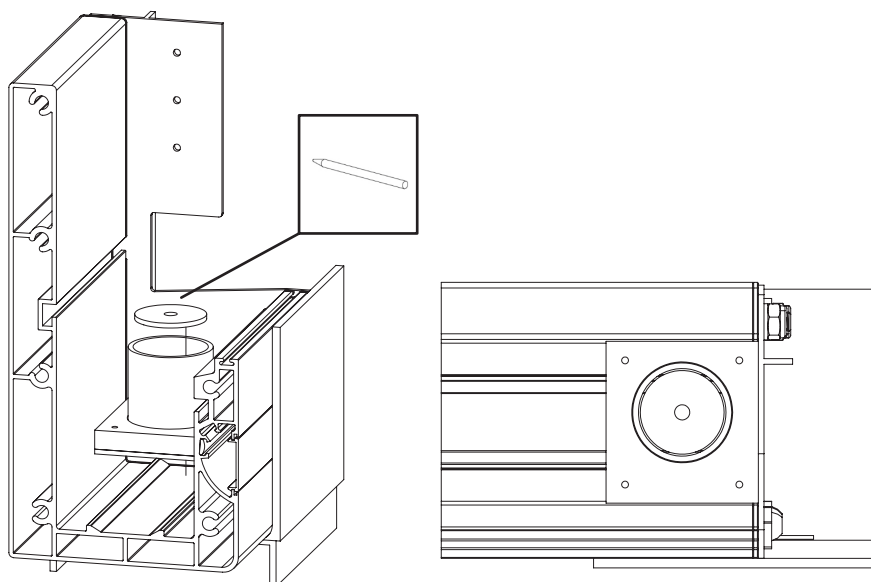
Determine whether the RWD should be on the left or right side of the veranda. The images below show placing the RWD on the left-hand side.

Step 2

Lay the RWD with the flat side down in the gutter. Place it against the corner piece of the side where the RWD is to be placed.

Step 3

Place the supplied drilling jig in the RWD and press a marker into the hole of the drilling jig to mark the place to be drilled.

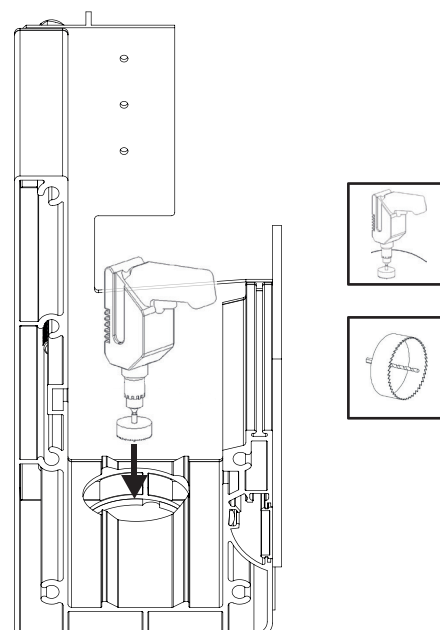


Step 4

Remove the drilling jig and the RWD from the gutter. Drill the hole in the gutter using a 60mm hole drill bit, using the point marked with a marker as the centre of the hole. Also drill through the corner piece.

Step 5

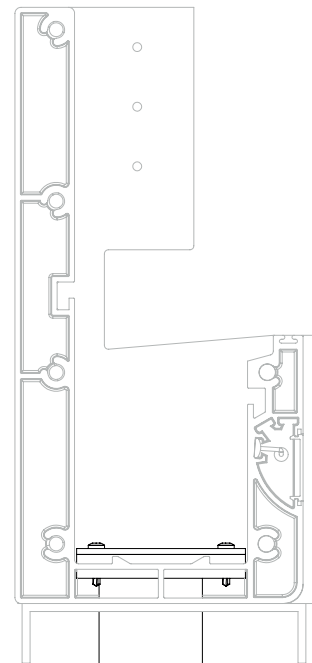
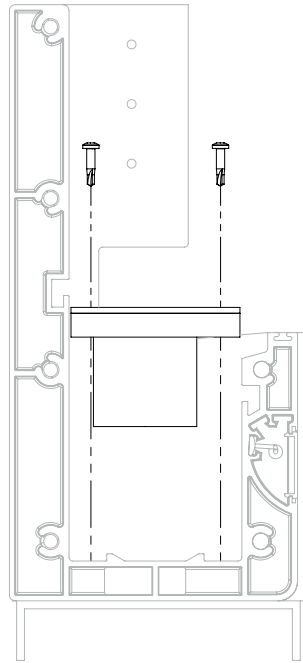
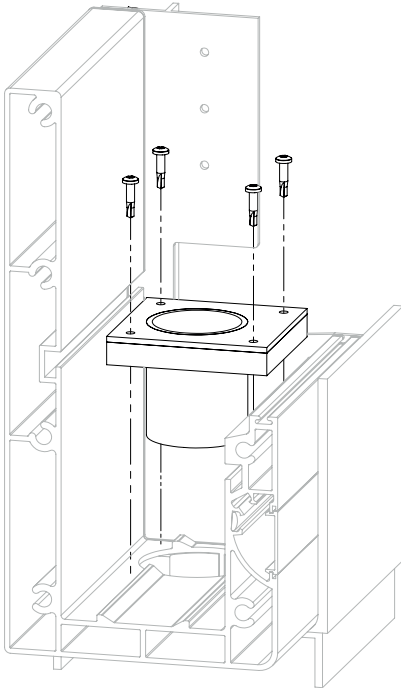
Next, place the RWD in the hole and screw it down using ST 4.2 x 19mm screws.





Step 6

Place the leaf catcher in the RWD.





6.8 Insert the corner piece in the post

Step 1

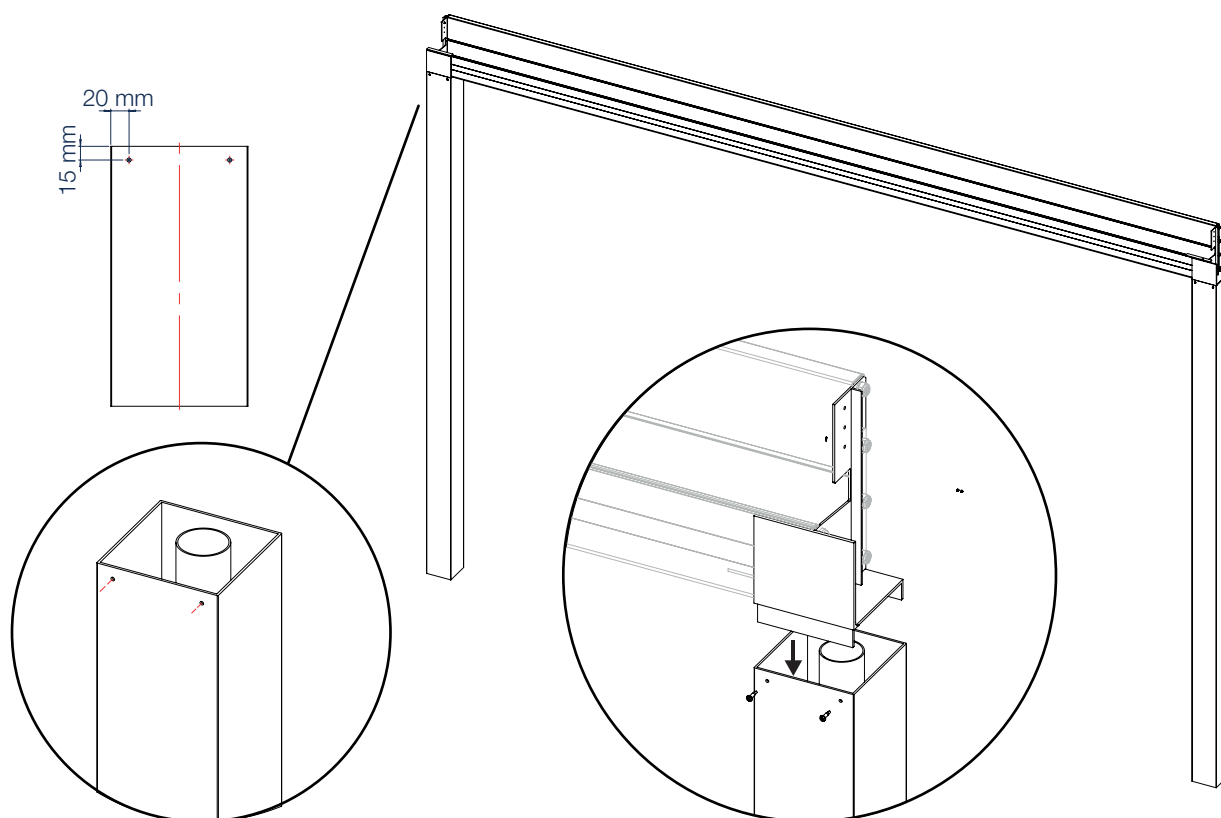
Drill 2 holes of 4.0mm in both posts in the inside of the veranda, 15mm from the top. Lower the gutter with the corner pieces into the posts.

Step 2

Make sure the bottom of the gutter is flush with the top of the posts. Make sure the RWD falls into the RWD pipe.

Step 3

Screw corner pieces to the posts using two ST 4.2 x 19mm screws in the holes previously drilled.





6.9 Coupling of verandas (option)

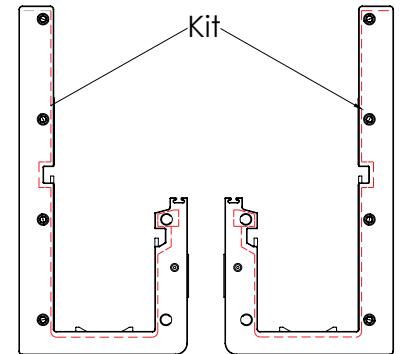
Step 1

Before fitting a corner piece or connector to the gutter, apply sealant to the rubber gaskets as shown on the image to the right.

Step 2

Slide the first gutter into the corner piece on one side, slide the gutter into the coupling piece on the other side.

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

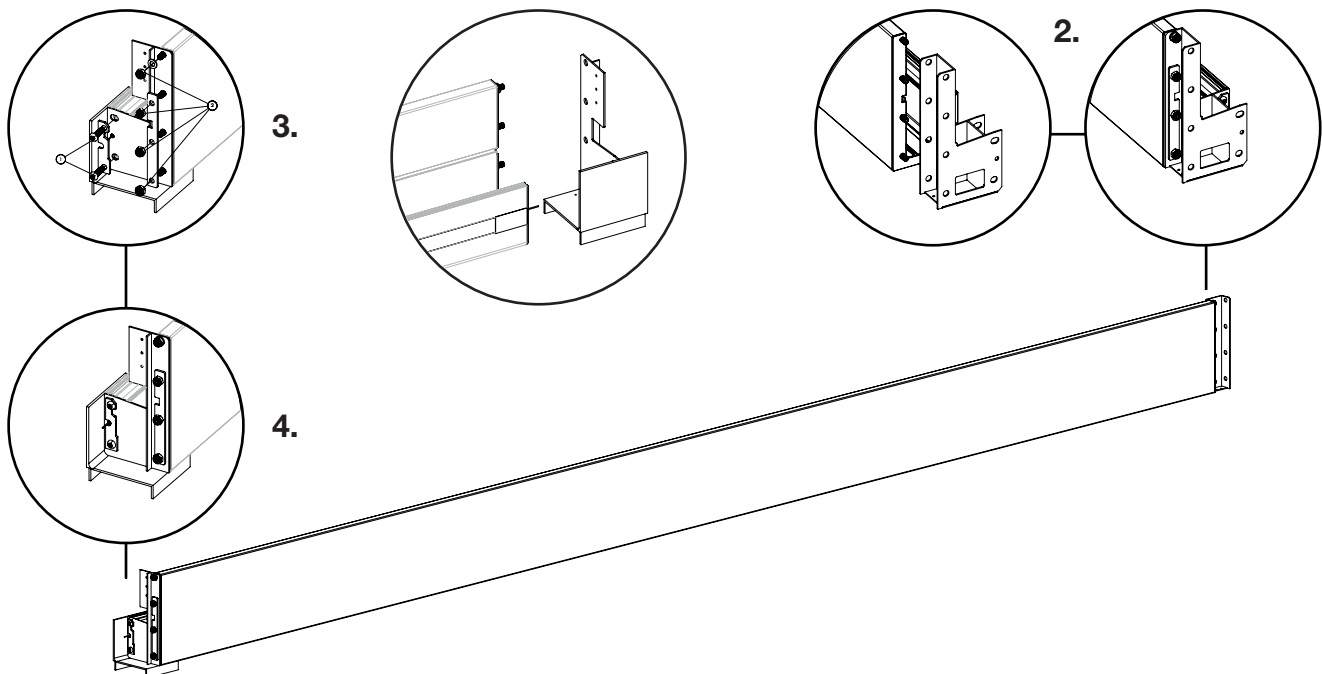


Step 3

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

Step 4

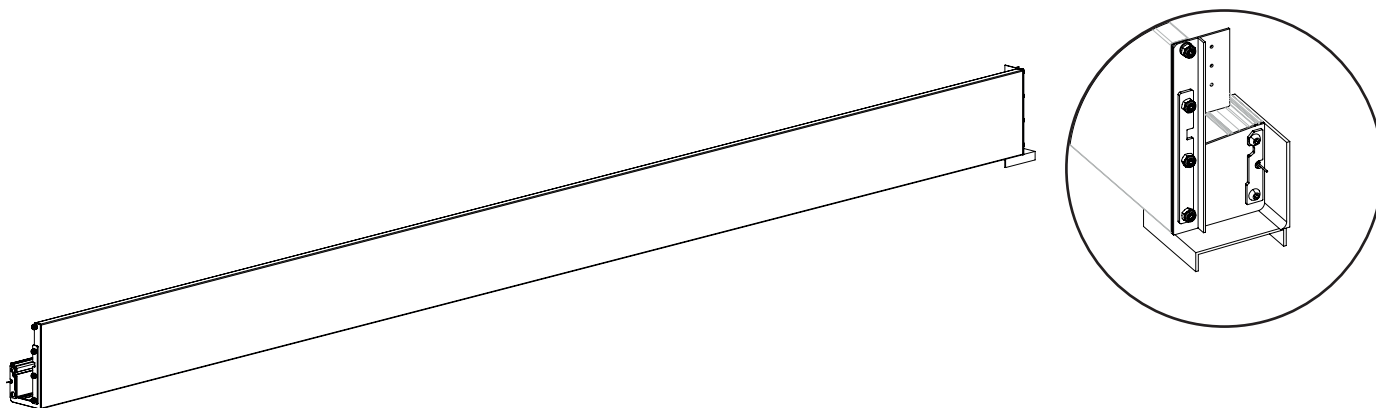
Then attach the small pressure distribution plates with the M10 screws. Only then tighten everything evenly (crosswise).





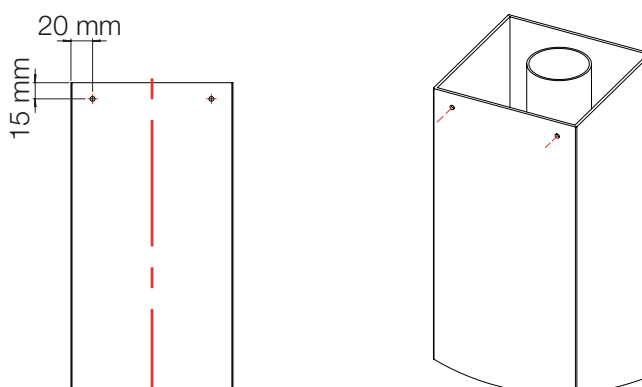
Step 5

Attach the corner piece to the second gutter. Do this in the manner described in steps 3 and 4.



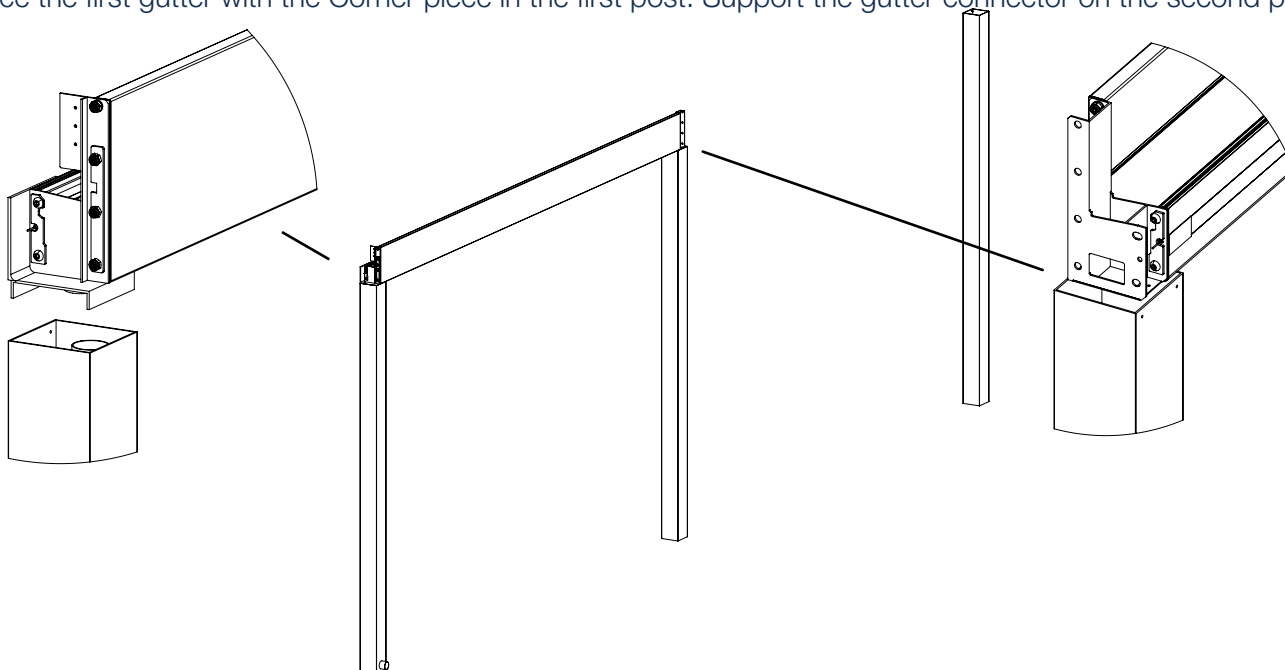
Step 6

Drill 2 4.0mm holes in both posts in the inside of the veranda. 15mm from the top.



Step 7

Place the first gutter with the Corner piece in the first post. Support the gutter connector on the second post.





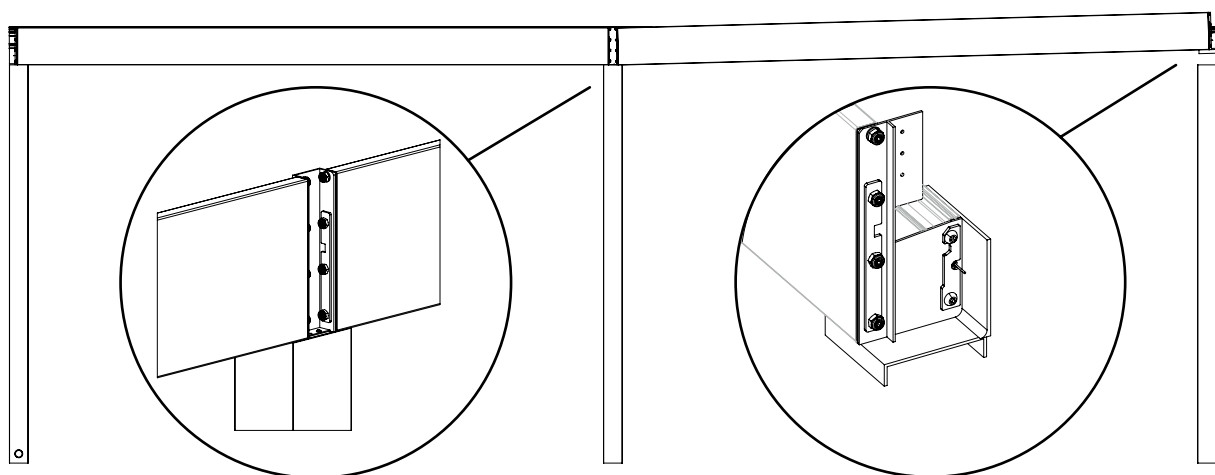
Step 8

Attach the second gutter to the gutter connector using steps 3 and 4. Insert the gutter at an angle from the top into the gutter connector and lower the corner piece into the post.

Step 9

Connect both LED strips together by connecting them with a scotchlok connector. Connect both red wires together and connect both black wires together.

Please note that a separate driver must be added for each 7-metre veranda. This also requires an additional power cable to be installed in the beam. See section 6.5.

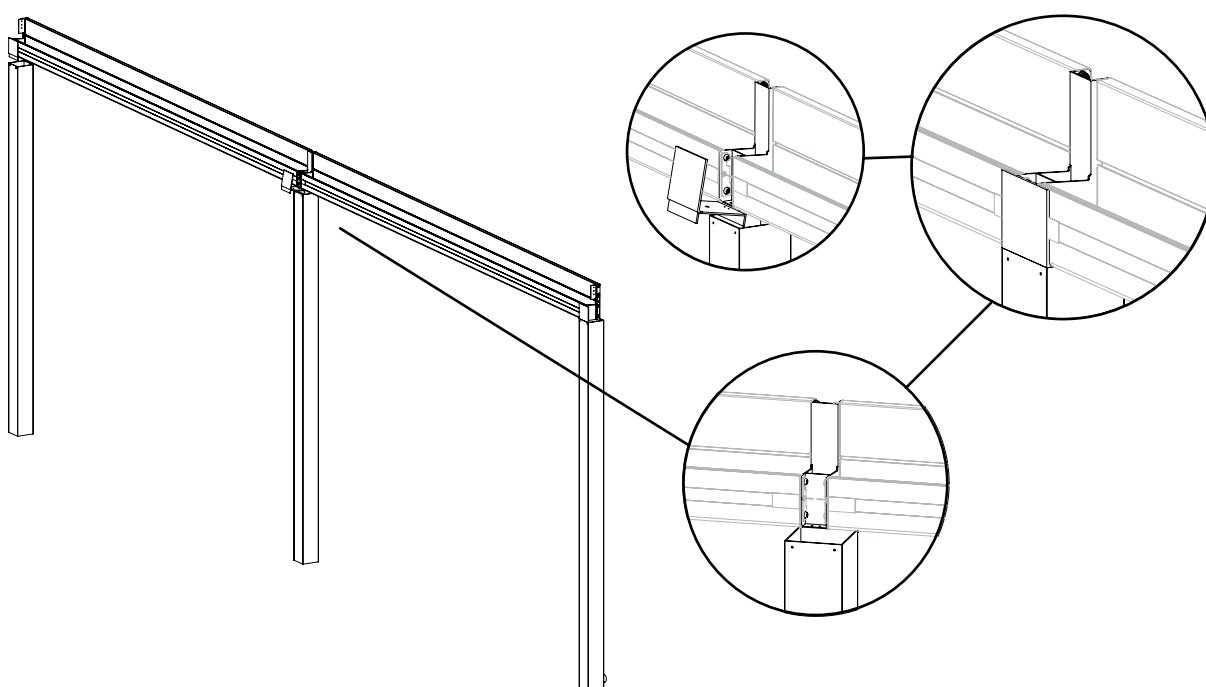


Step 10

Use a lift to lift the gutter at the gutter connector until it protrudes about 35mm above the post.

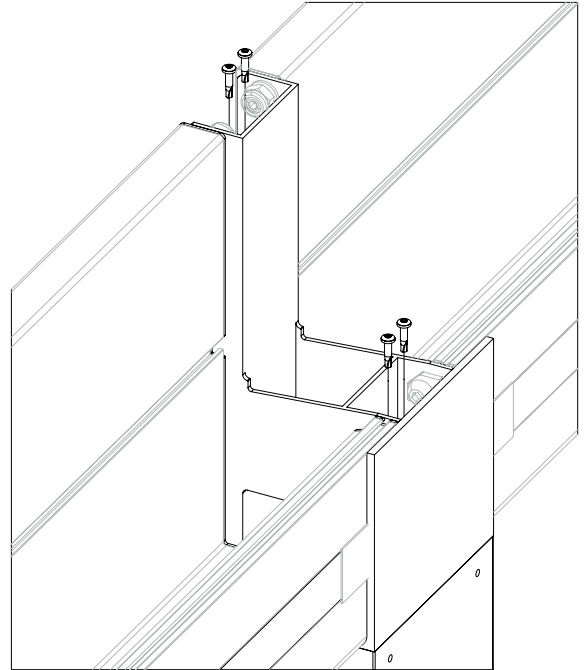
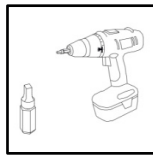
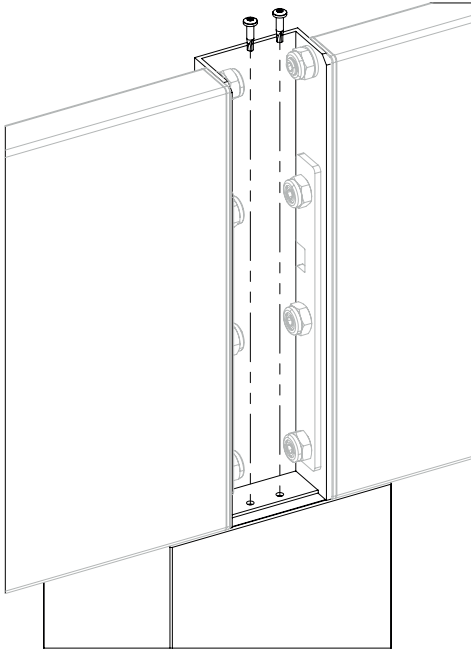
Step 11

Then insert the connection piece centre post PP & Trebbiano into the post from above. Then lower the gutter until it rests on the connection piece.



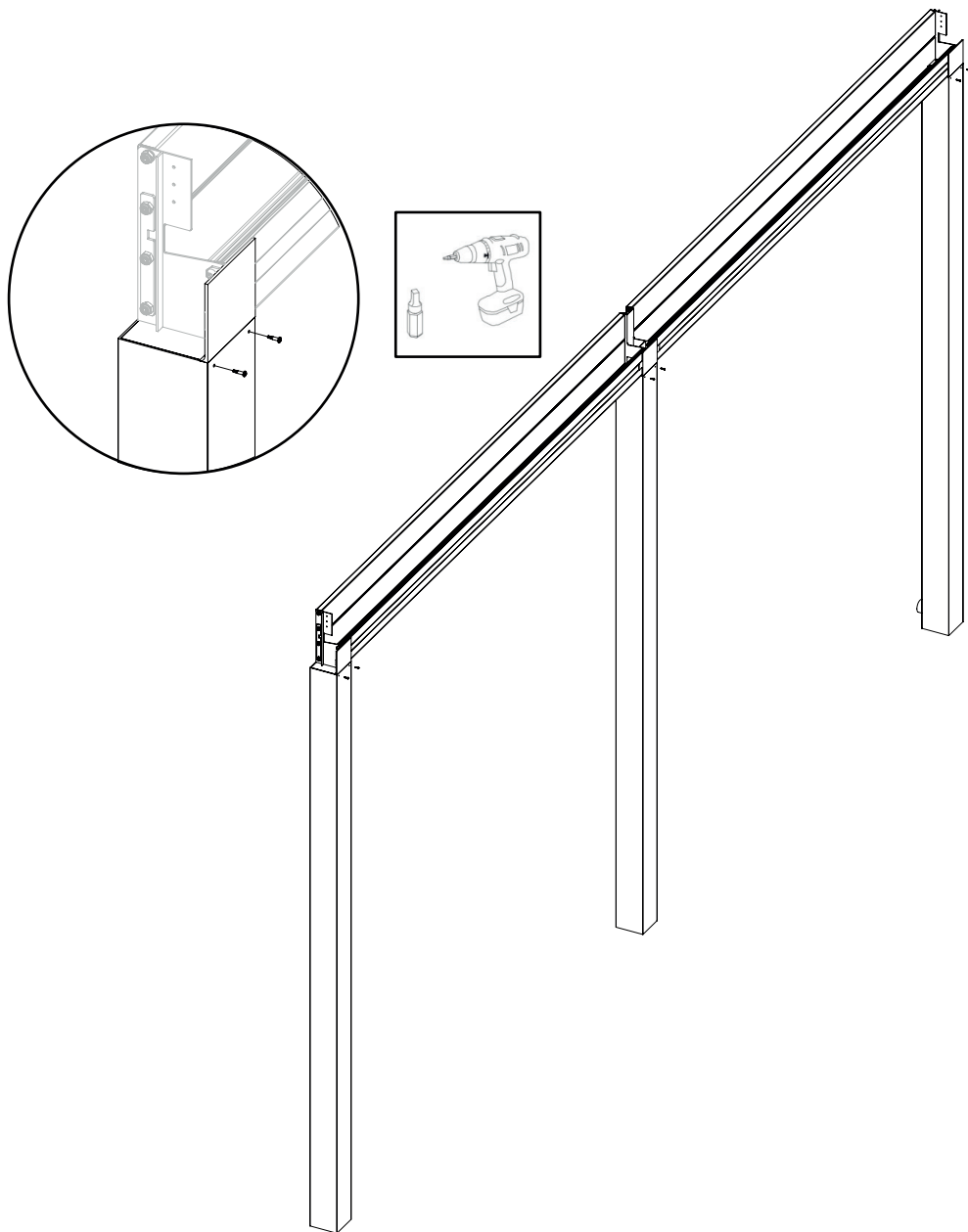
**Step 12**

Use 4x St4.2 x 19mm to attach the gutter connector to the connection piece. Screw the self-drilling screws into the holes in the gutter connector and connector.



**Step 13**

Screw the corner pieces to the posts using two ST4.2 x 19mm screws in the previously drilled holes.

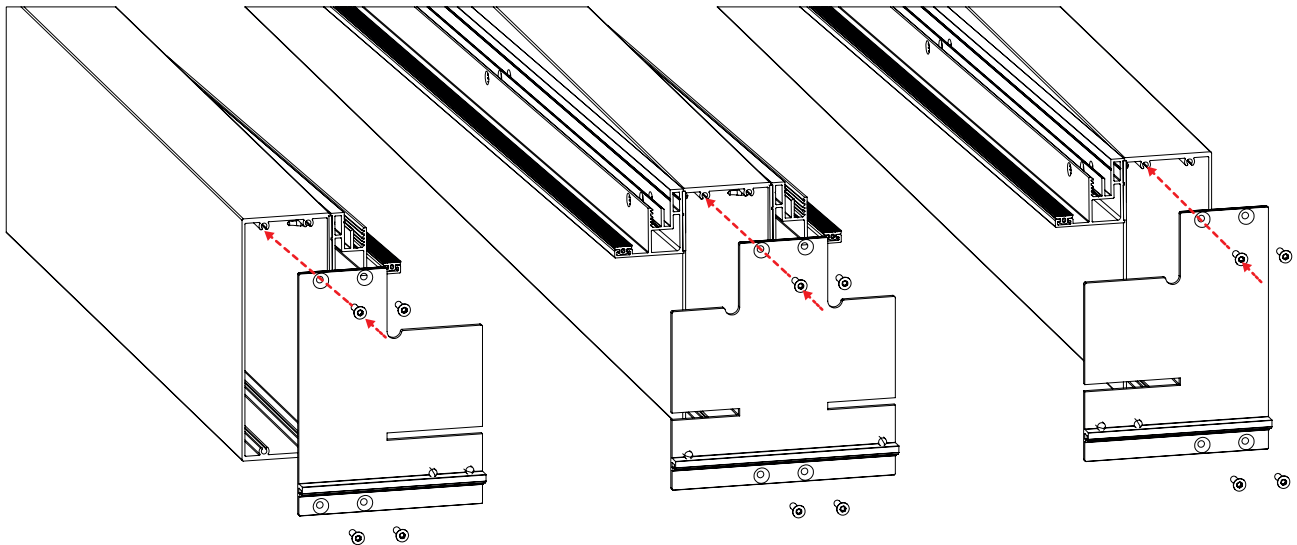




6.10 Prepare side and in between beam

Step 1

Mount the mounting plates onto the side and in between beams. Use countersunk screws St. 4.2x30 for this.





6.11 Placing the side beam

Please note that the glass profiles are pre-mounted on the beams, but they must be retightened. Therefore, check that all screws are tight. Loose screws can lead to leaks between the glass profiles and beams or even unsafe situations.

Step 1

Cut 2 pieces of 135mm from the roll of EPDM foam. Remove the protective film and stick the foam to both sides of the gutter. Make sure the foam sits ± 110 mm on the gutter and is aligned with the gutter. This gasket functions as a water seal between the glass profile and the gutter.

Step 2

Hook the side beams into the wall profile with the hook and align the side beams with the side of the wall profile.

Step 3

Screw the beams to the wall profile with the ST5.5 x 16 mm screws, which are already pre-mounted in the rear plate of the beams.

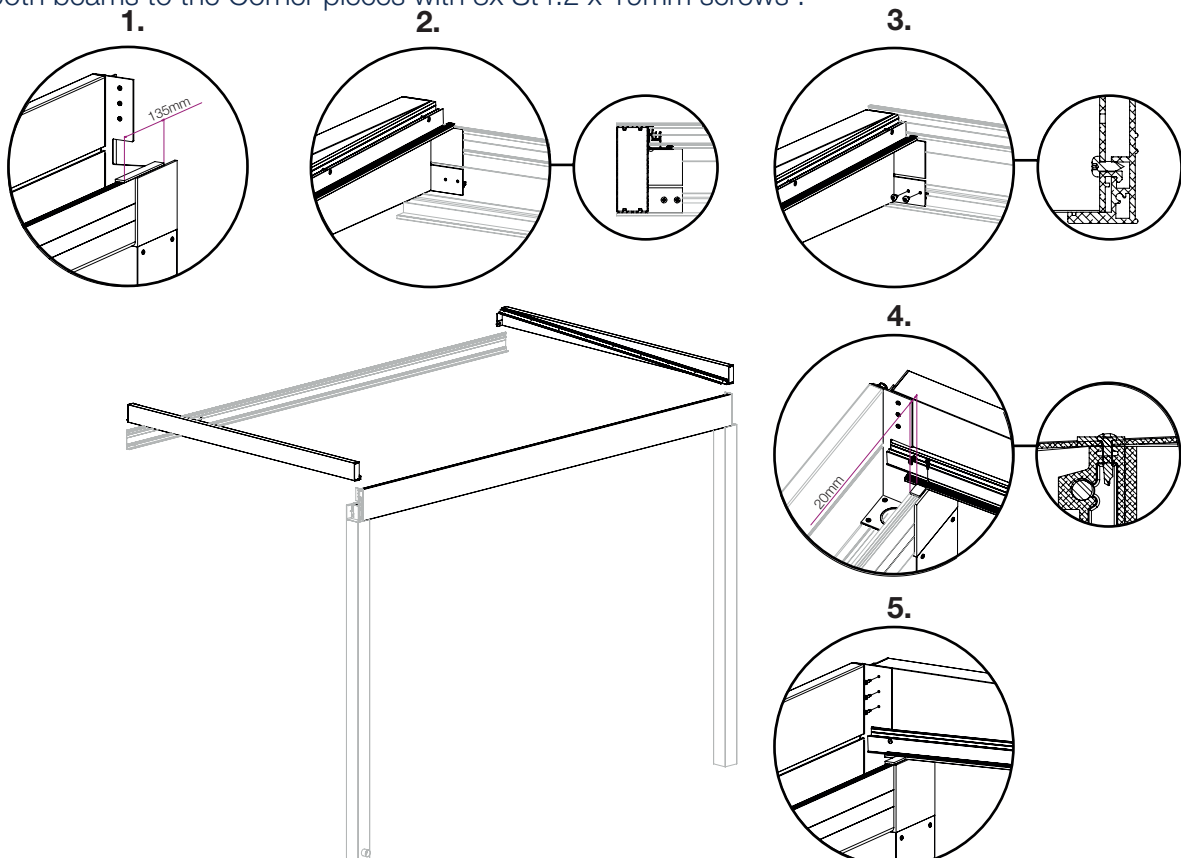
Note: make sure there is still ± 3 mm space between the beam and the wall profile.

Step 4

Pre-drill a $\varnothing 4.5$ mm hole in the glass profile of the side beams that aligns with the slot in the gutter. Then screw the glass profile to the gutter using the St. 4.2x19mm screw. Do this for both side beams.

Step 5

Attach both beams to the Corner pieces with 3x St4.2 x 19mm screws .

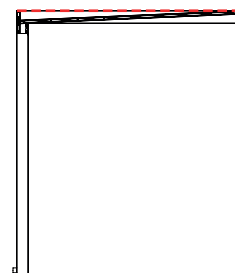
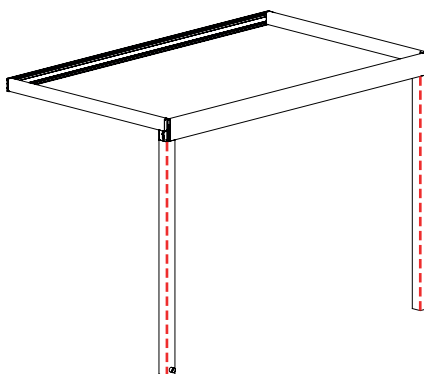
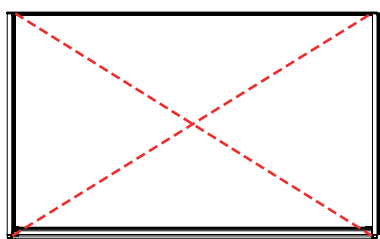




Step 6

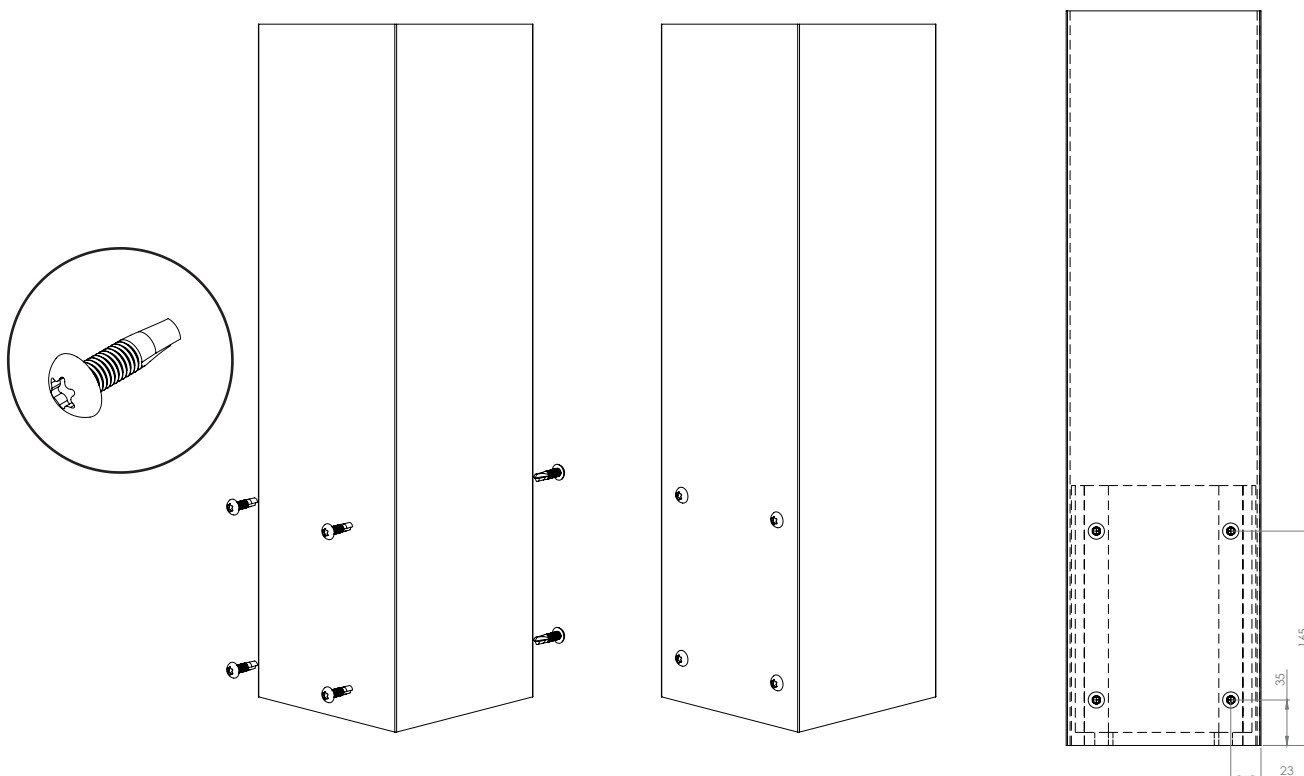
Check that the frame is level on all sides.

- Check the cross
- Check whether the posts are level
- Check that the gutters are 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 illustration below.



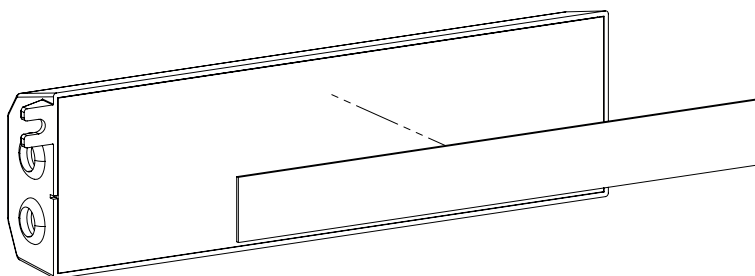
6.12 Installation of the LED controller

Step 1

Determine where the 230V feed-through should be placed. In this manual, the 230V socket is placed on the left side of the veranda.

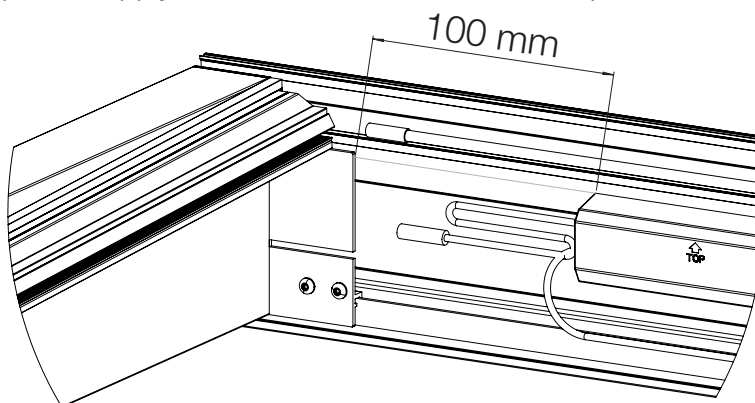
Step 2

Remove the protective film on one side of the double-sided tape and stick it on top of the back of the LED driver.



Step 3

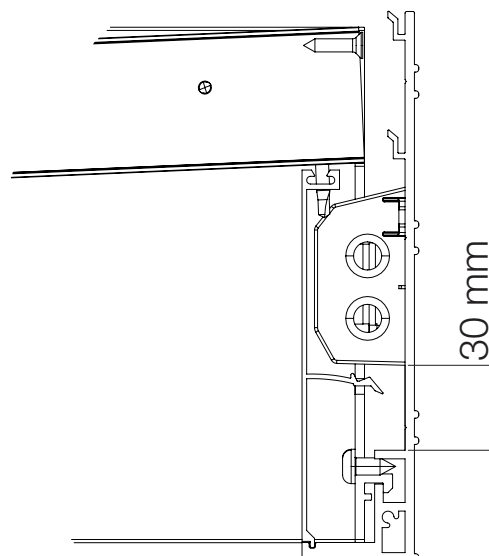
Remove the second protective film from the double-sided tape, stick the LED driver 30mm above the rib on the wall profile. Stick the power supply about 100mm next to the beam plate.



Note: the placement of the power supply is important so that eventually the top cover in between beam can be clicked around it.

Step 4

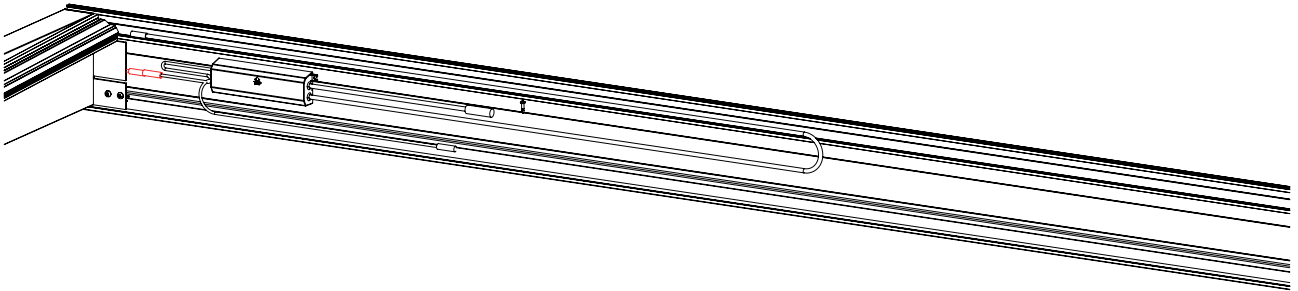
Connect the cable pulled through the beam to one of the two thin cables of the power supply





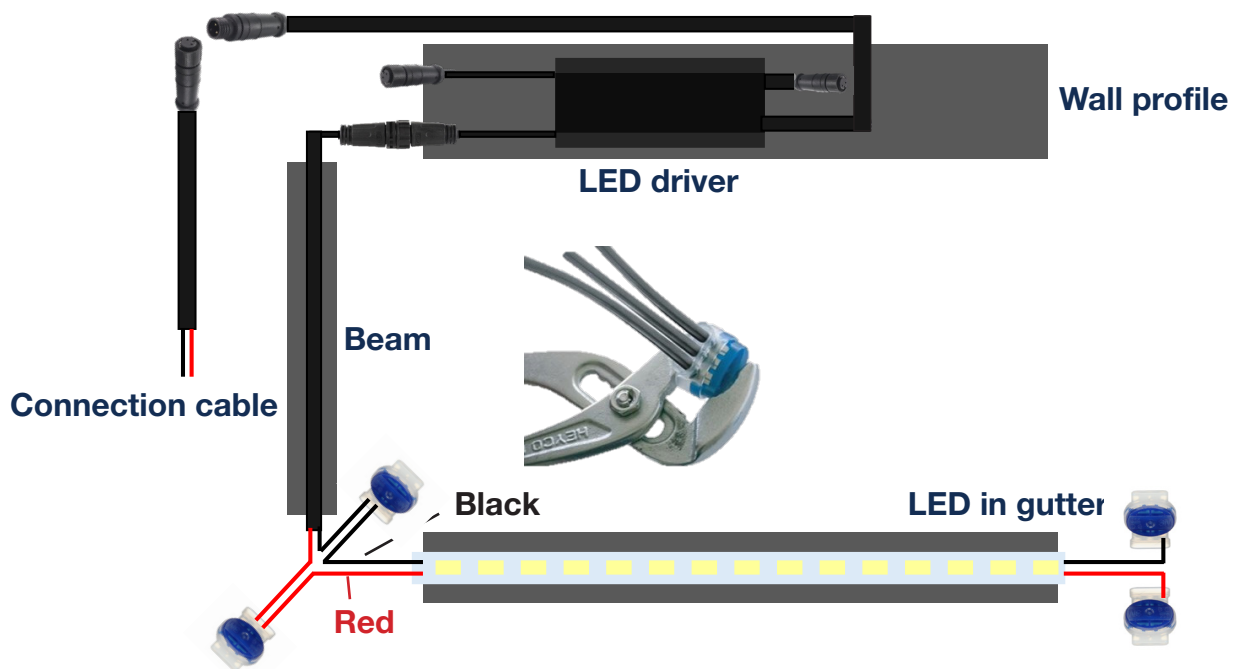
Step 5

Connect the connection cable to the longest cable of the LED driver (male connector). Pull this connection cable to where you have a power connection and connect it.



Step 6

Connect the LED lights according to the diagram below.



Remark 1

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

Remark 2

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

Remark 3

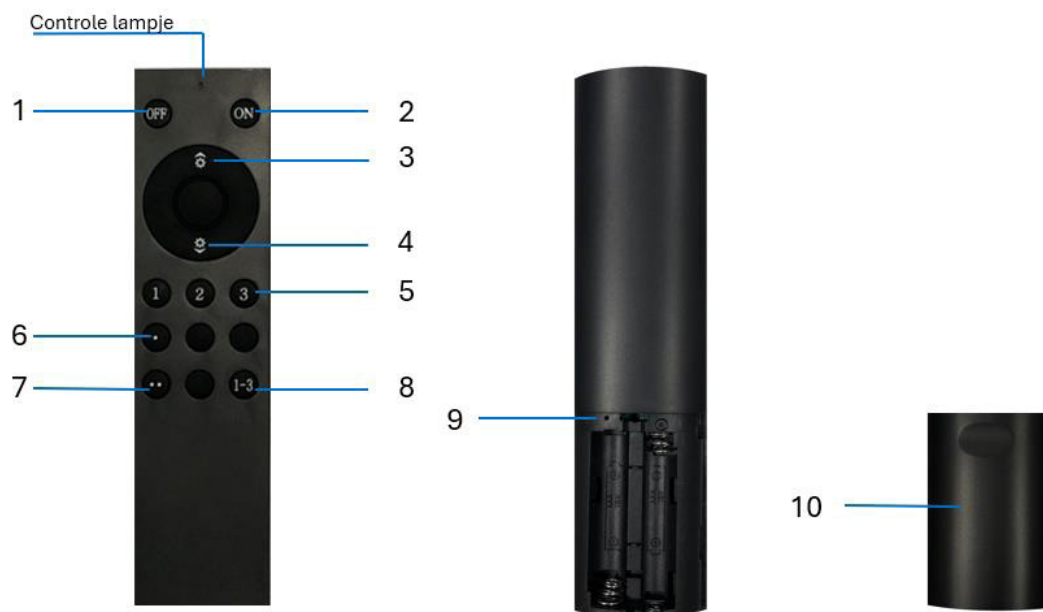
Make sure you cap each loose wire with a scotchlock. So use only one scotchlock per loose wire. This will prevent short circuits between the wires and the frame, or the wires themselves.

Remark 4

A maximum of 7m LED lights may be connected to one driver. When connecting multiple gutters, an additional driver must be installed. (incl. 5m 24v cable through the beam). LED strips cannot be interconnected if several drivers are connected.



6.13 Setting the LED lighting



Buttons on the remote control:

1. Off
2. On
3. Increase light intensity
4. Decrease light intensity
5. Group 1, Group 2 and Group 3
6. Save / recall preset 1
7. Save / recall preset 2
8. All groups (1 to 3)
9. Factory reset hole
10. Battery cover

Linking the LED lighting to the remote control:

Step 1

Switch on the power.

Step 2

Hold the remote control within 5 cm of the LED drivers to be set and press and hold the desired button for Group 1, Group 2, or Group 3. The lighting will first flash 3 times. This indicates that the LED driver has received the pairing request from the remote control. It will then flash 2 times to confirm that pairing has been completed successfully.

Similarly, if you wish, you can link several LED drivers to the same remote control. You can choose to link them to the same group or a different one.

Step 3

Repeat step 2 for the remaining LED drivers.

Step 4

If you wish to break the links: switch off the driver first. Then switch on the lights for 5 to 10 seconds. Then quickly switch the lights off/on 4x until the lights flash 3x. The LED drivers, and all interconnected drivers, are now disconnected and reset to the factory setting. If you would like to disconnect a single driver, hold the remote control, within 5 cm, close to the desired driver and press the On button and Off button simultaneously for some time until the lights flash 3x. The LED driver is now disconnected.

Lighting controls:

You can set the light intensity for each group using the Group 1, Group 2 and Group 3 buttons, or for all groups at once using the All Groups button.

Step 1

First select the desired group by means of the corresponding selection button, then use the Increase Light Intensity or Decrease Light Intensity button to change the light intensity.

You have the option to save 2 preference settings.

Step 2

First set the desired intensity(s) of 1 or more groups. Then press the Save/Call preset 1 or 2 button for some time, until the control lamp flashes 3x slowly and then 3x quickly. The setting is thus saved as preference.

Step 3

To reset the remote control to factory settings, first remove the battery side cover on the back. Using a thin pin, press the reset hole for some time until the indicator light, on the front of the remote, flashes 3x slowly and then 3x quickly. The remote control is now reset to the factory setting.

6.14 Installing the top cover in between beams

Note:

The glass profiles are pre-mounted on the beams, but they must be retightened. Therefore, check that all screws are tight. Loose screws can lead to leaks between the glass profiles and beams and unsafe situations.

Note:

When installing the top cover in between beams, work from one side. This makes for easier assembly.

Step 1

Place the top cover in between beam as a spacer.

Note: make sure not to click the top cover in between beam yet.

Step 2

Hook the middle beam into the wall profile with the hook and then slide the beam against the snap frame.

Step 3

Cut a $\pm 200\text{mm}$ piece from the roll of EPDM foam. Remove the protective film from the foam and stick the foam to the gutter in the centre of the middle beam. Make sure the foam is aligned with the gutter and extends $\pm 20\text{mm}$ on both sides of the middle beam. Make sure the front of the beam is 904mm from the other beam.

Step 4

Screw the beam to the wall profile with the 2x ST5.5 x 16mm screws. Which are already pre-mounted in the rear plate of the beams.

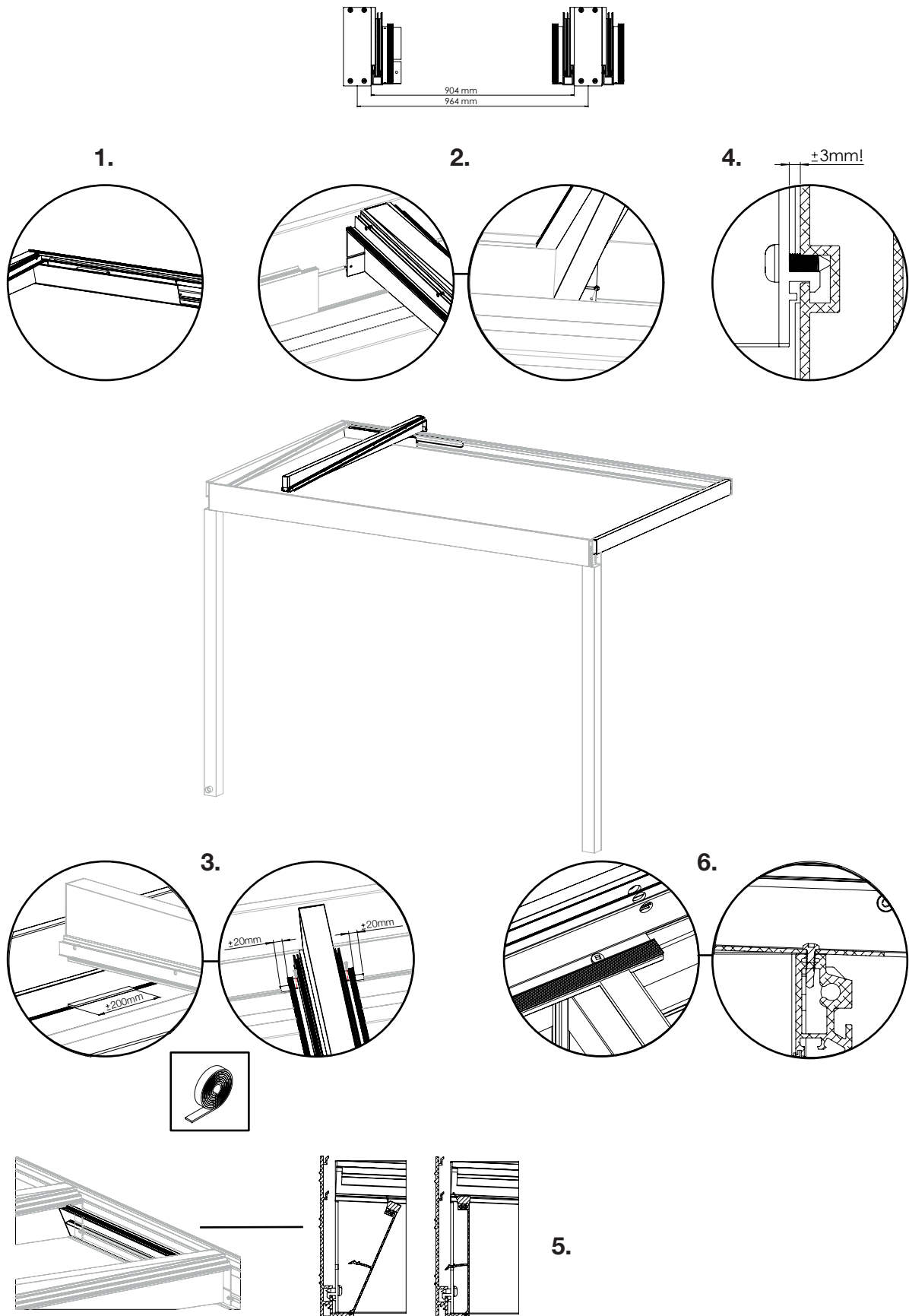
Note: make sure there is still $\pm 3\text{mm}$ space between the beam and the wall profile.

Step 5

Click the top cover in between beam into the recess in the rear plate of the beam.

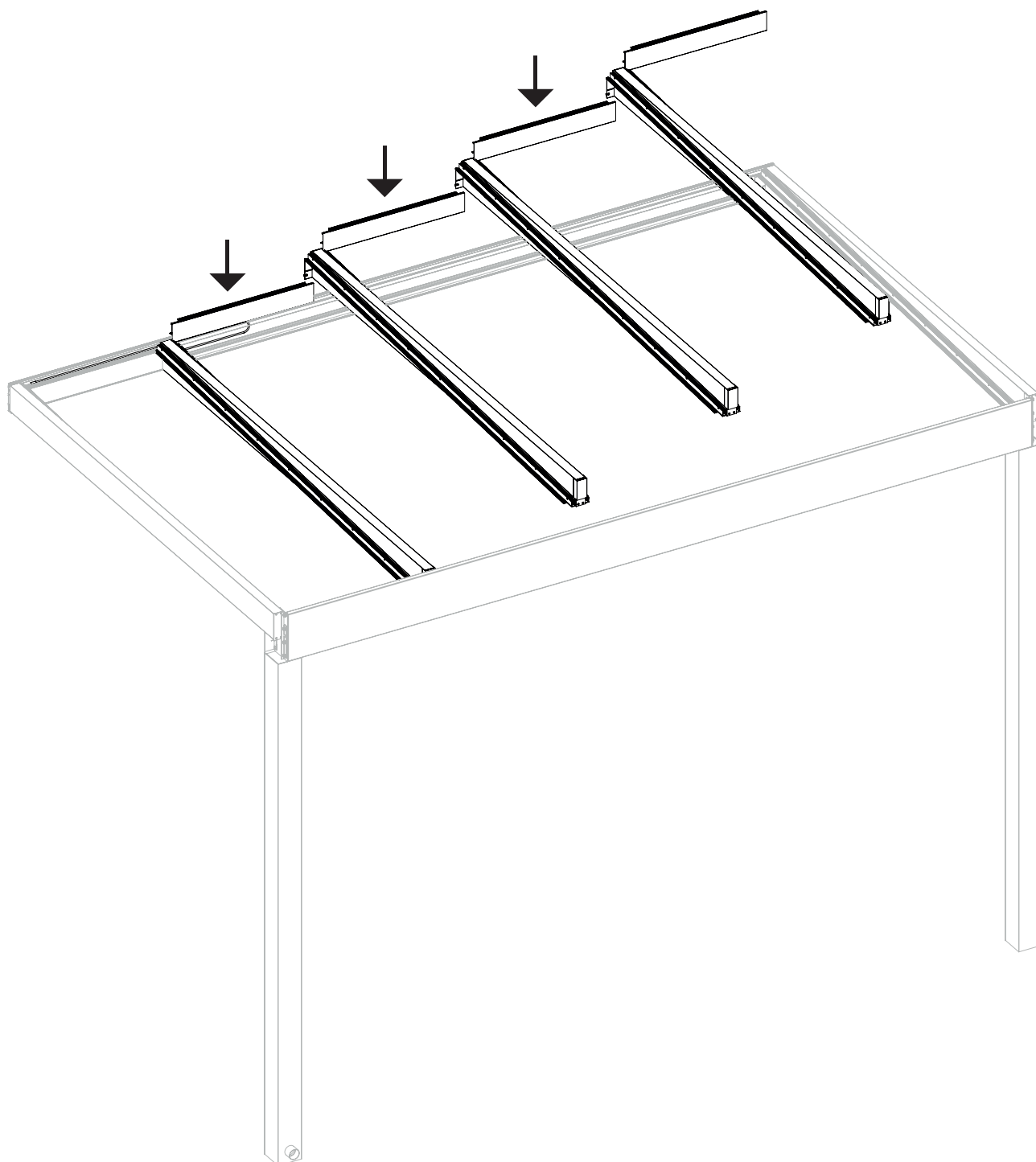
Step 6

Pre-drill $\text{Ø}4.5\text{mm}$ holes in the glass profiles of the middle beam that align with the slot in the front gutter. Then screw the glass profiles to the gutter using the 2x St. 4.2x19mm screws.



Step 7

Repeat the previous steps 1 to 6 to fit the remaining top cover in between beams. Work with mounting from one side.





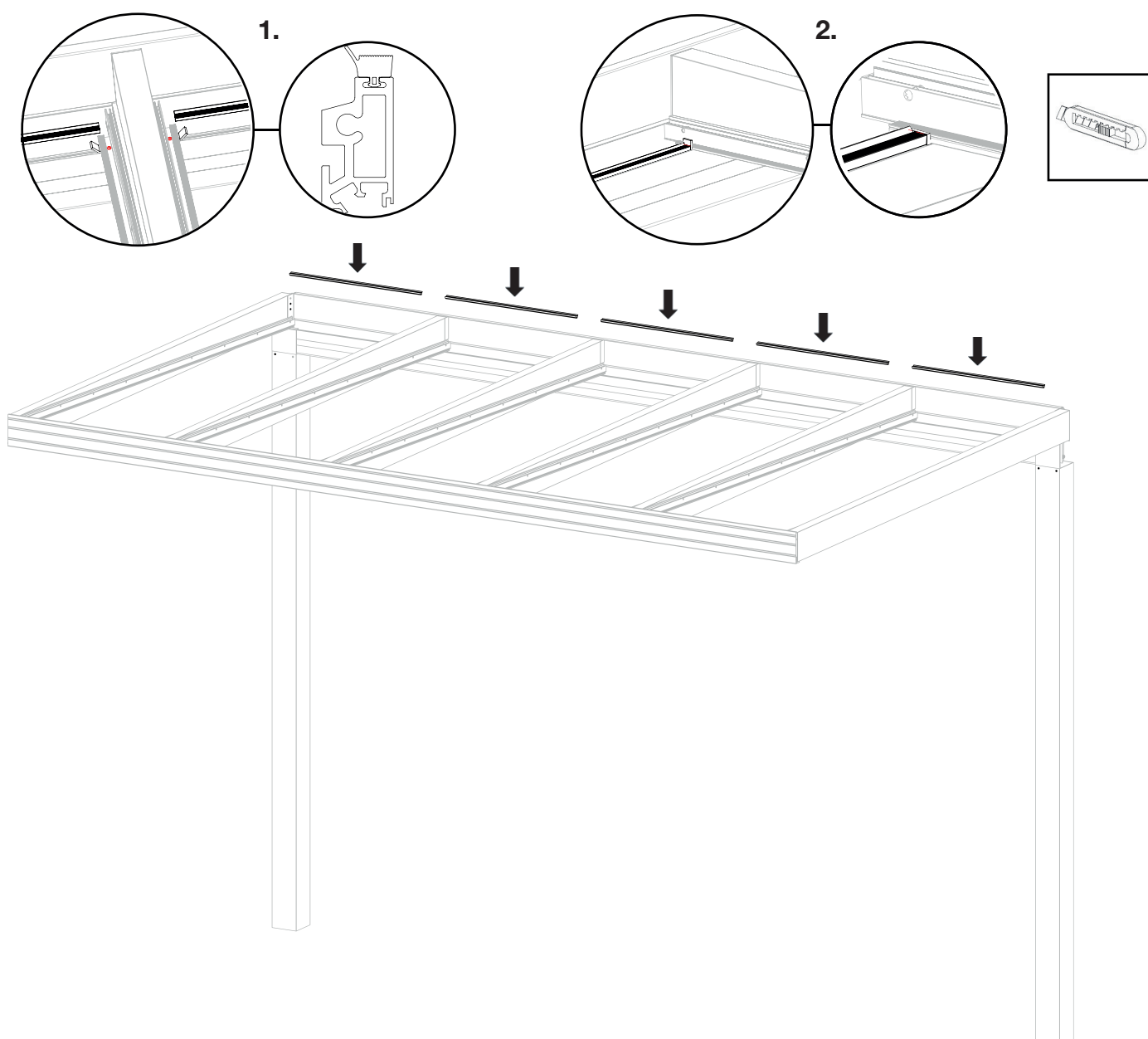
6.15 Installation of gutter rubbers

Step 1

Fold over the protruding flaps of foam and place them between the gutter rubbers.

Step 2

Cut the foam flaps at the level of the gutter rubbers.





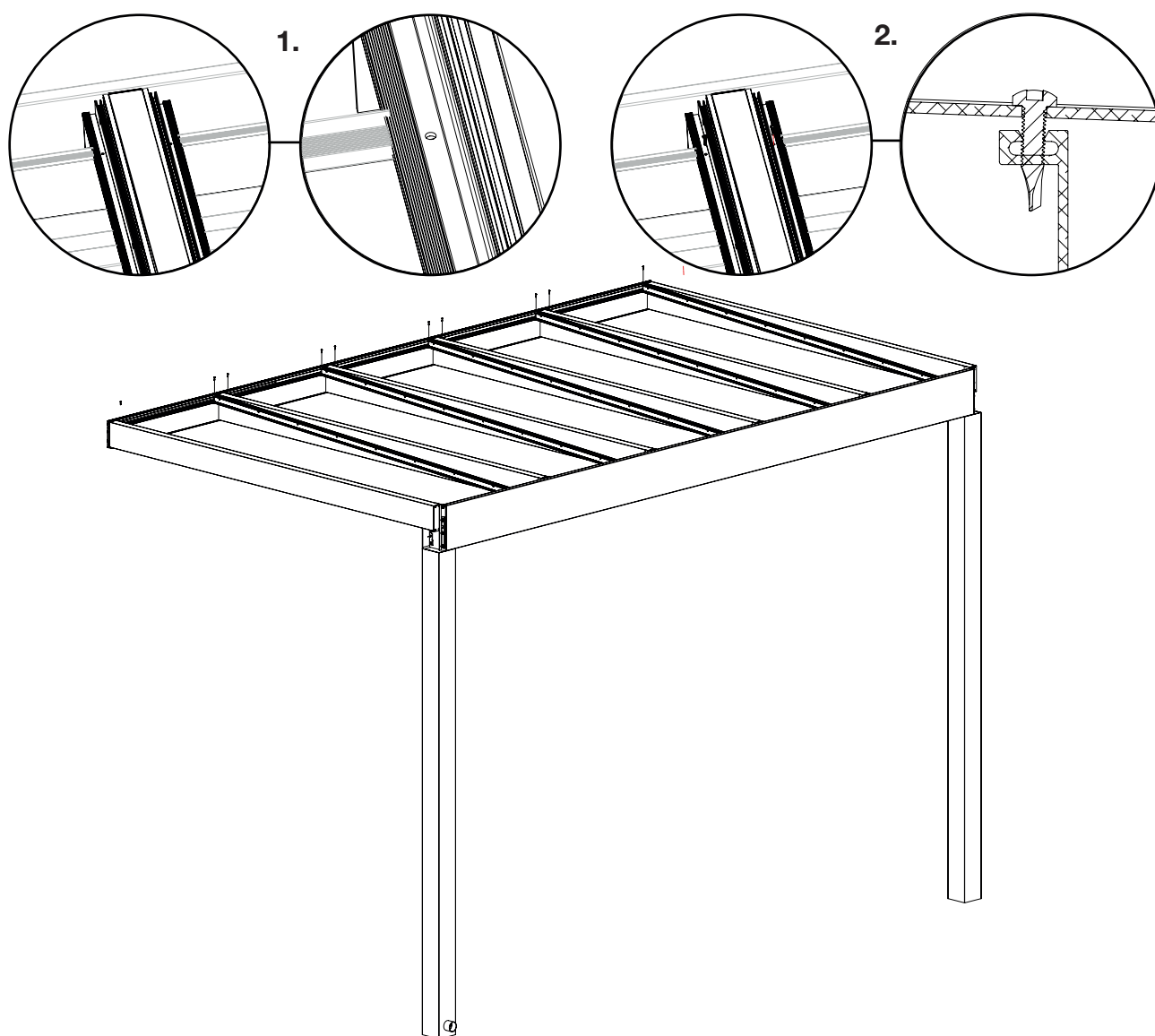
6.16 Screwing the beams to the top covers

Step 1

Pre-drill Ø4.5mm holes in the glass profiles of the beams that align with the slot in the top cover in between beams.

Step 2

Screw the glass profiles to the top covers in between beams with the St. 4.2x19mm screws.





6.17 Assembling the glass panels

Step 1

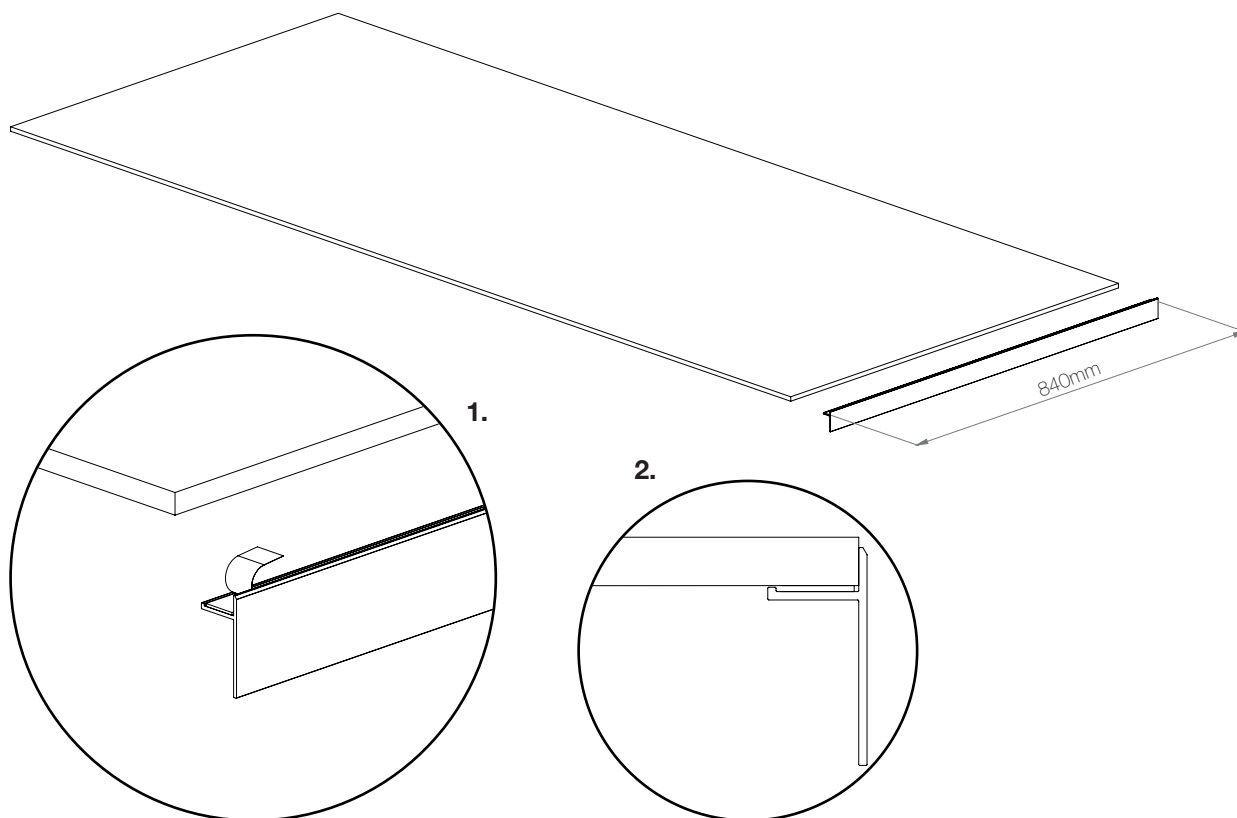
Remove the protective film from the tape.

Step 2

Stick the glass drip profile on the underside of the glass plate at the end side.

Step 3

Repeat steps 1 and 2 for all Glass panels.





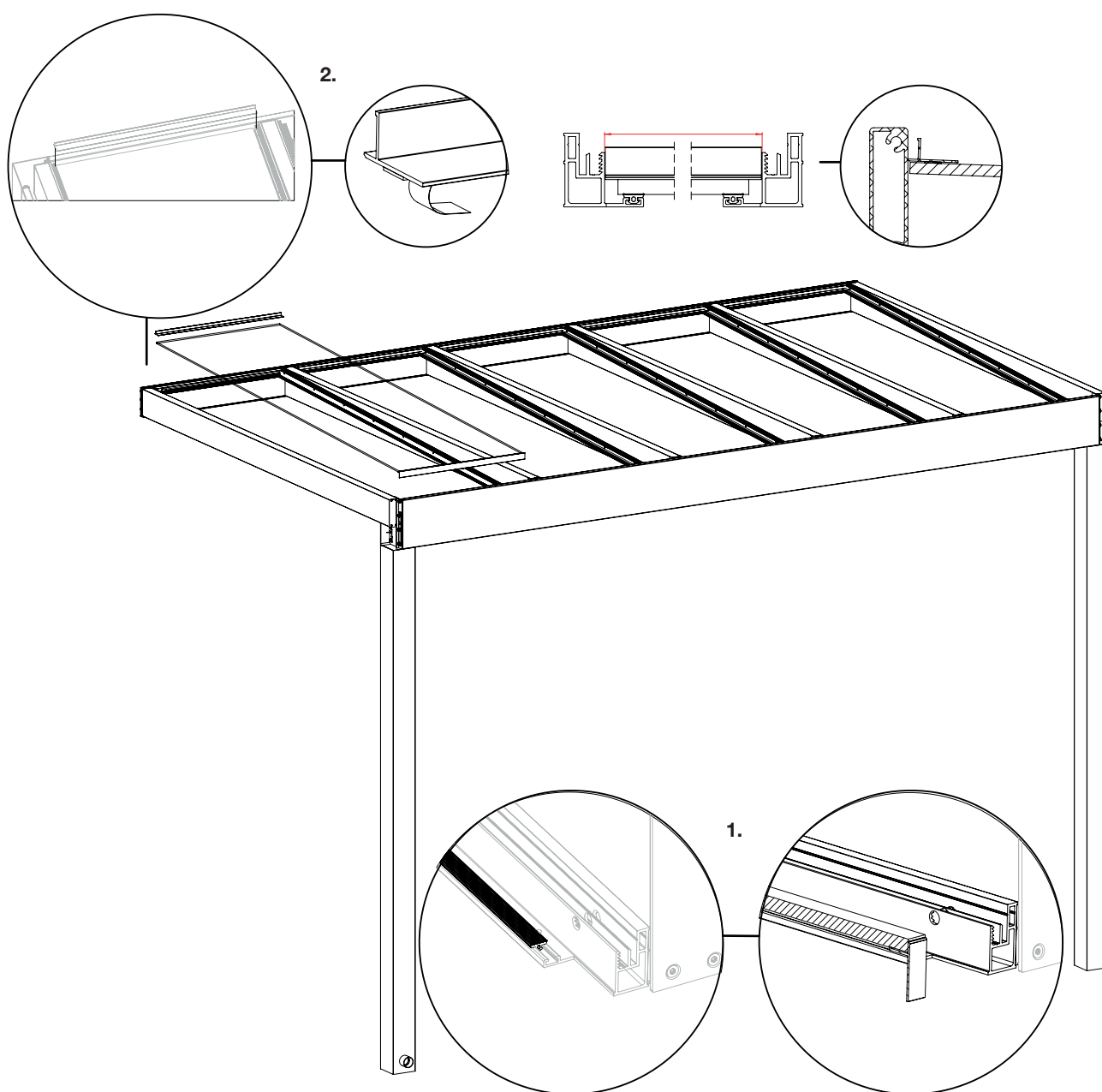
6.18 Installation of the glass panels

Step 1

Slide back the rubber of the glass profile to allow the glass drip profile to lie on the glass profile. Then lay the first glass pane between the beams on the glass profile.

Step 2

Remove the protective film from the tape and stick the Splash profile to the Glass panel. Make sure the Splash profile falls between the glass profiles and lies against the gutter.





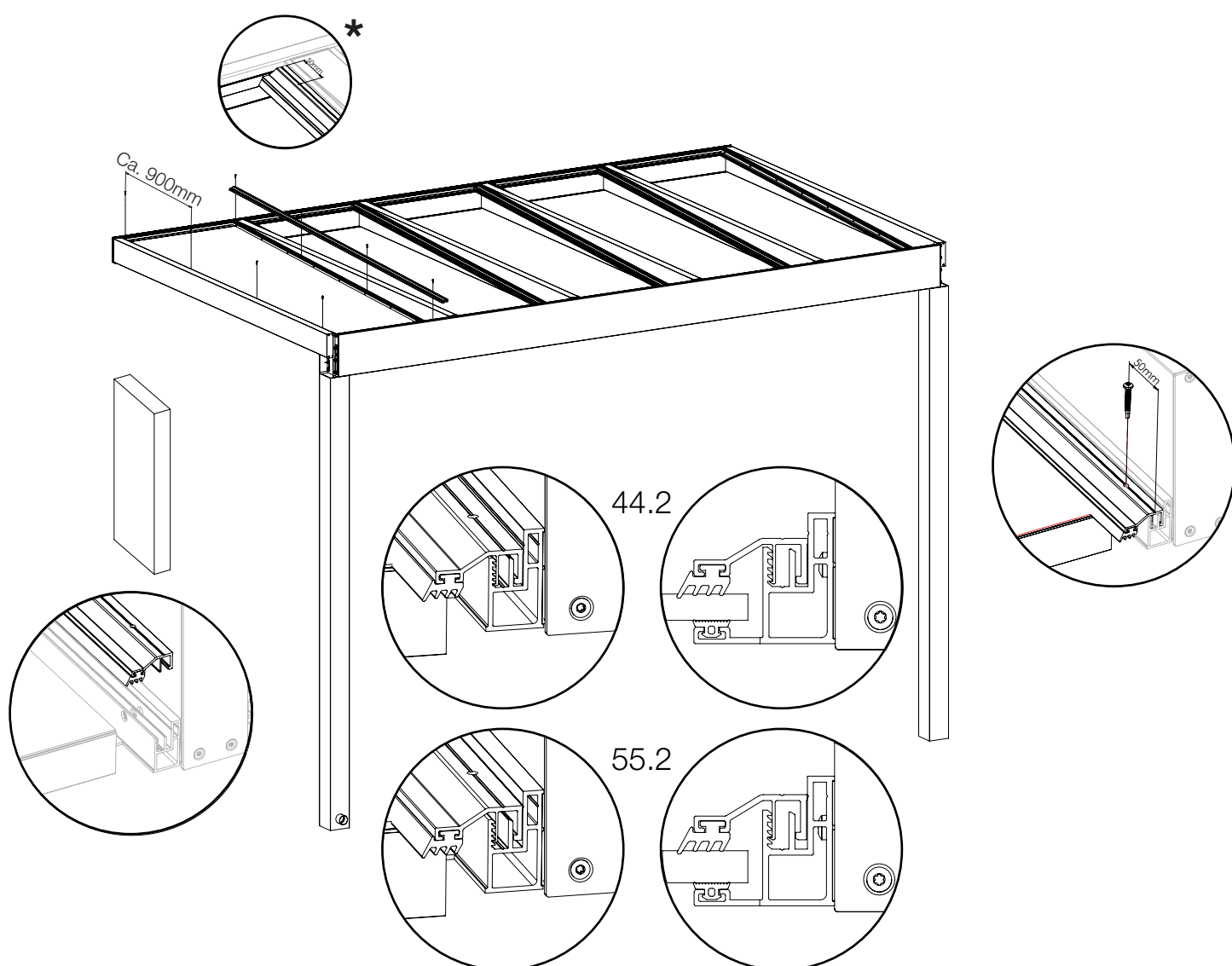
Step 3

Click the Glazing beads into the glass profiles. Tap the glazing beads securely. Use, for example, a rubber mallet and a wooden block for this.

* Make sure the glazing beads are back against the splash profiles.

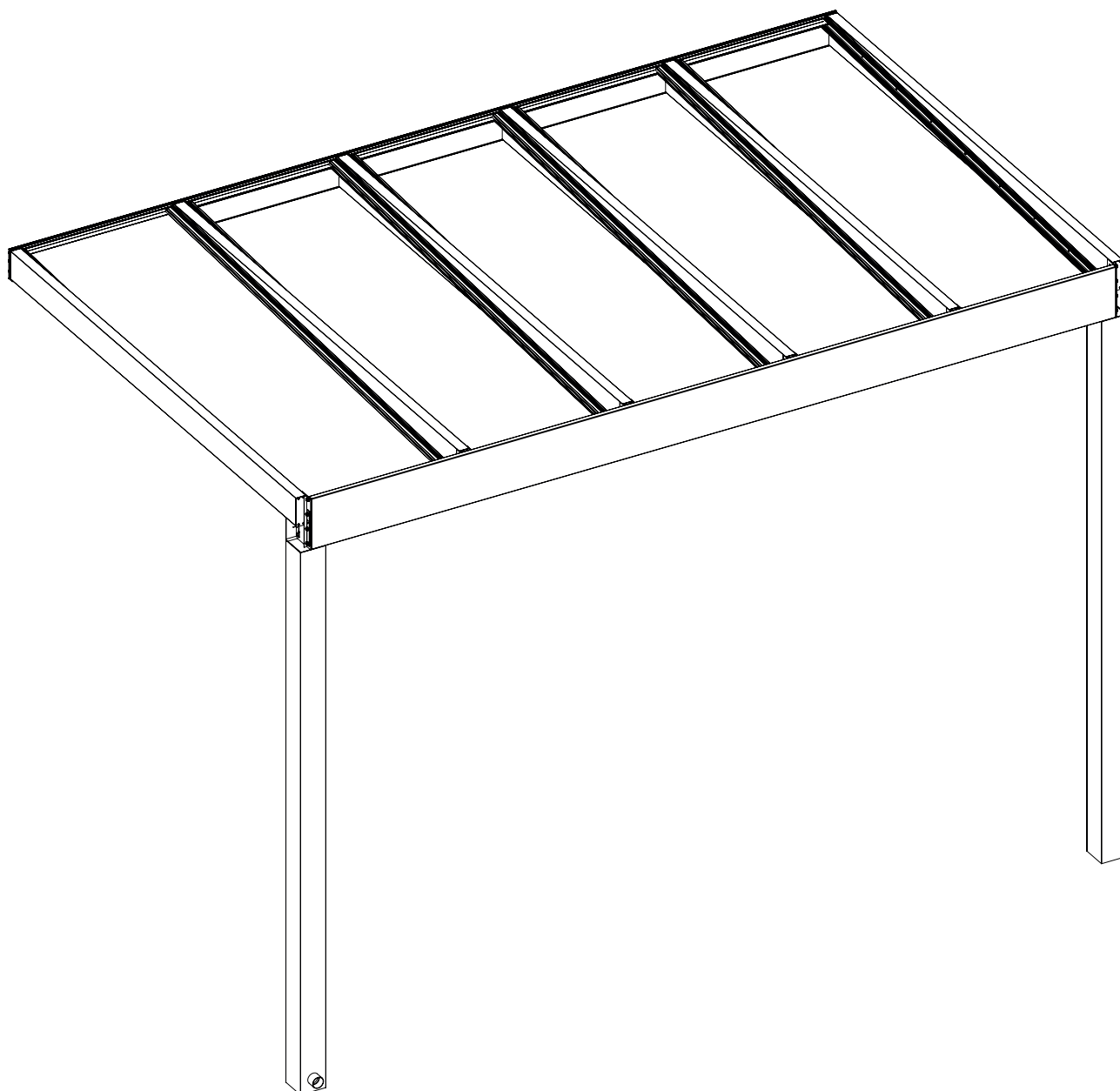
Step 4

Pre-drill Ø4.5mm holes in the glazing beads. Drill the holes approximately 900mm apart. Start about 50mm from one end and end about 50mm from the other end. Then screw the Glazing beads to the glass profiles with the St.4.2 x 32mm screws.



Step 5

Repeat the previous steps 1 to 4 for the other Glass panels and glazing beads.





6.19 Mounting the rear cover

Step 1

Stick the compriband to the **underside of the adjustability profile**. Do this along the **entire length of the profile, against the end of the lip**.

Step 2

Insert the adjustability profile with the lip into the lower lip of the wall profile. This ensures that the adjustability profile is flush with the beams.

Step 3

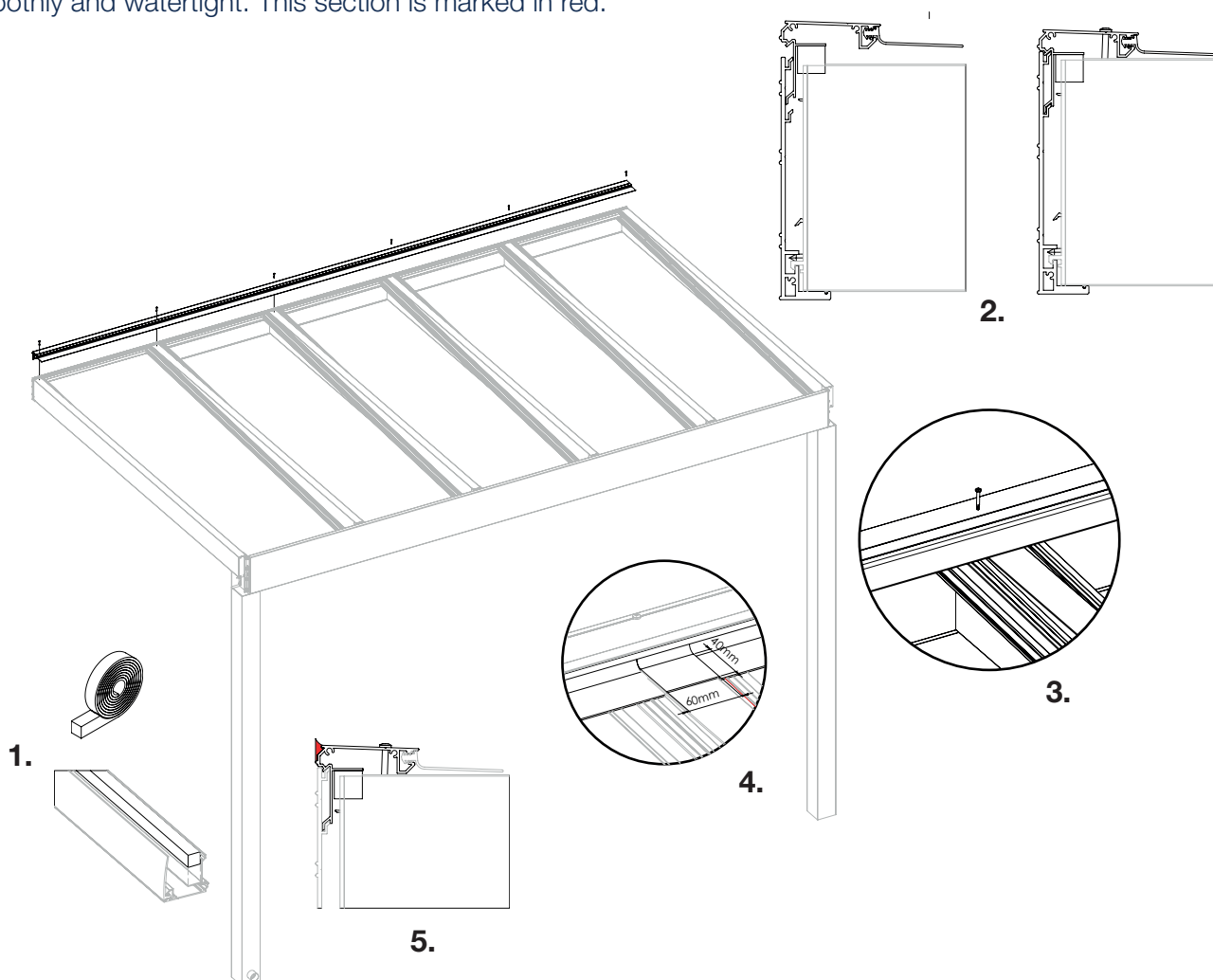
Pre-drill Ø4.5mm holes in the adjustability profile. Drill the holes in the middle of the beams. Then screw the adjustability profile to the beams using the St.4.2 x 32mm screws.

Step 4

Cut the rubber seal on both sides of the middle beams. Keep the Width of 60mm and cut the rubber seal 40mm. This ensures better connection between the rubber seal and the Glass.

Step 5

Sealant the adjustability profile (between the wall and the adjustability profile) well at the top. Finish the sealant smoothly and watertight. This section is marked in red.

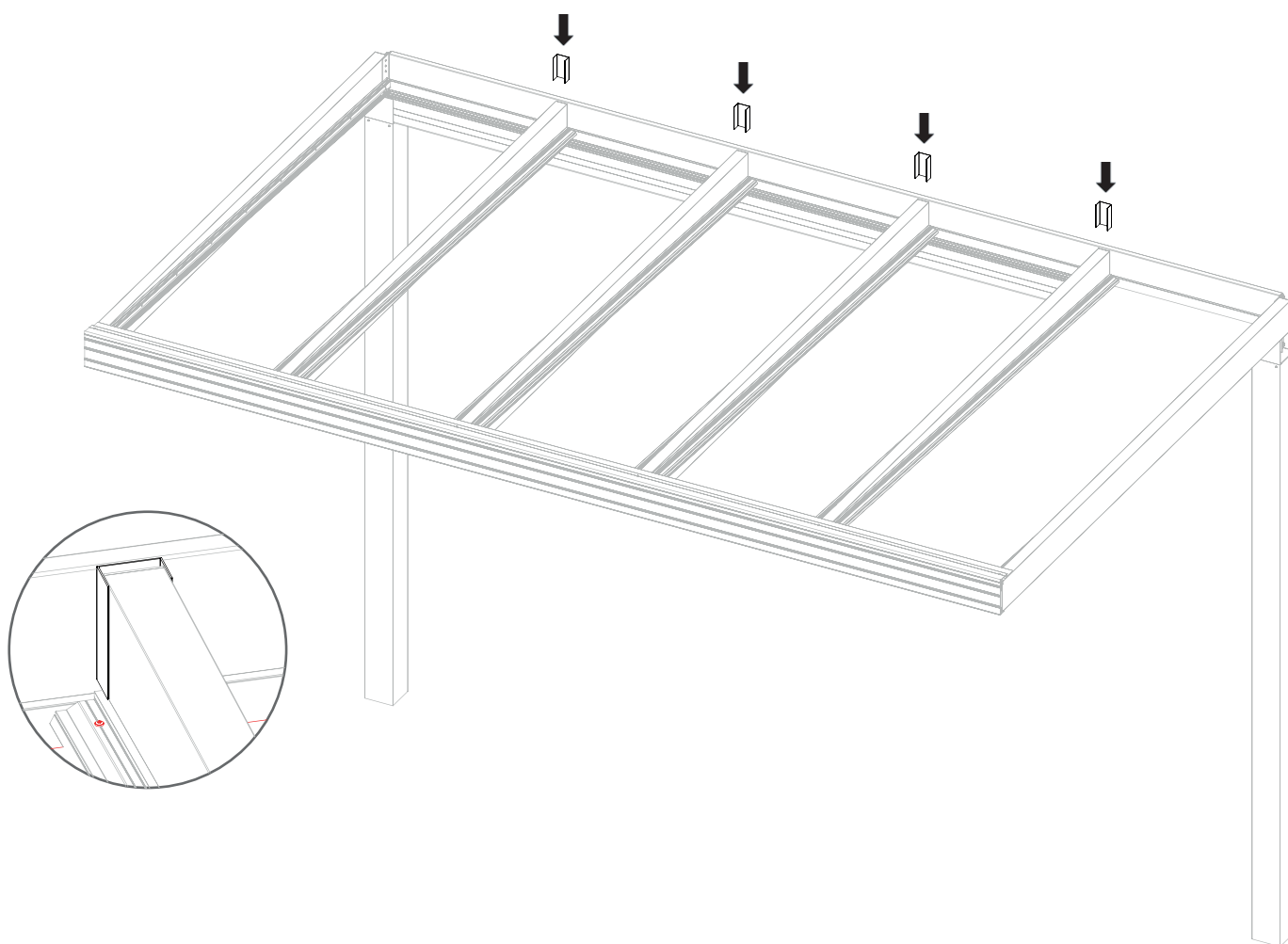




6.20 Mounting cover U-profiles

Step 1

At the middle beams, place the cover U-profiles over the beams and slide them against the gutter. Align them with the top of the beams.





6.21 Mounting cover caps

Step 1

Remove the protective film from the side covers of the corner pieces.

Step 2

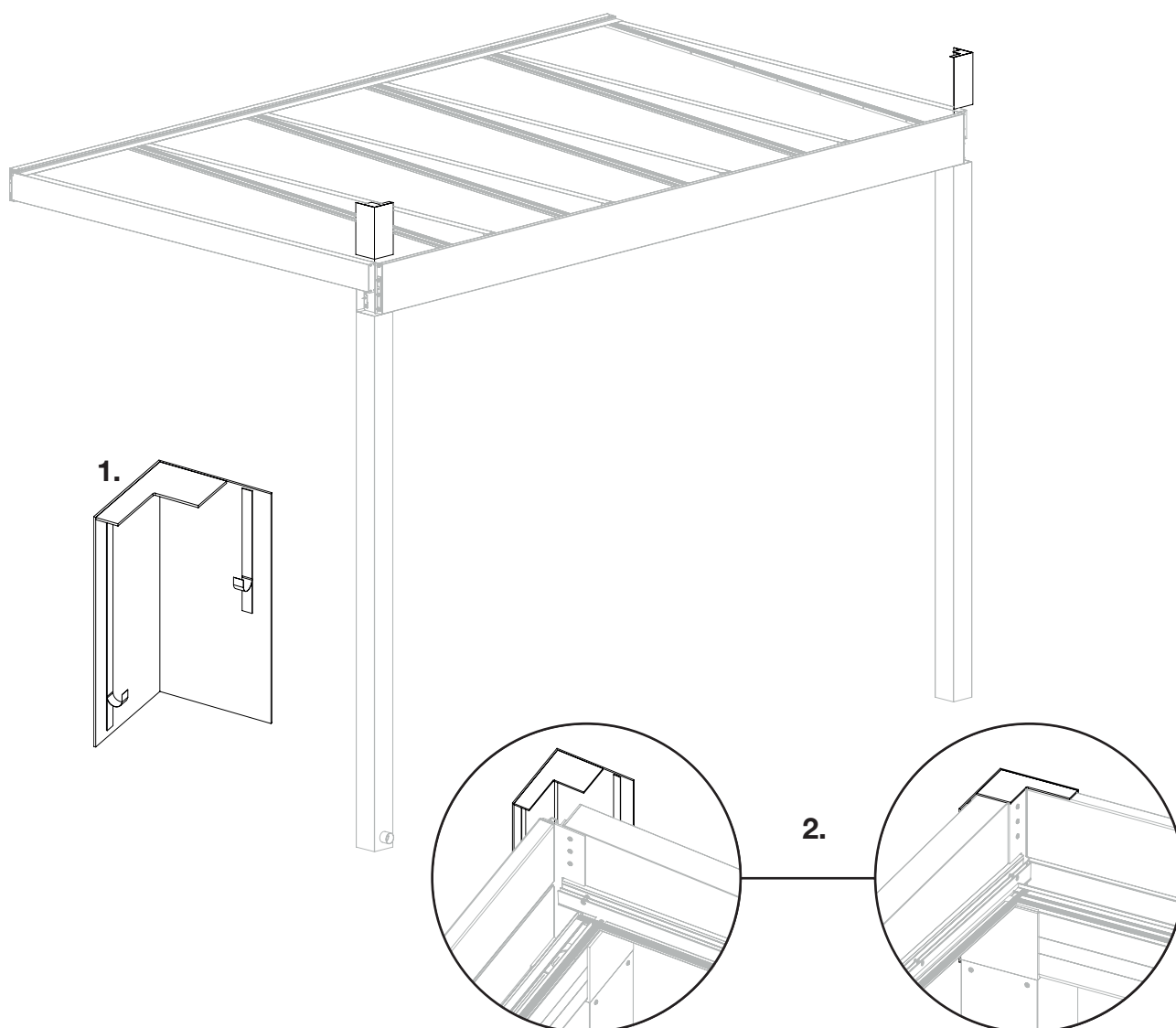
Screwing the corner pieces onto the gutter will push out the gasket. Using a sharp knife, cut along the front and top of the beam. Use this to cut off the protruding gasket so that it lies flush with the beam. This ensures that the side covers can connect properly with the post.

Step 3

Remove the foil from the double-sided tape and press the side covers onto the beam and gutter.

Note: there is a left and right side cover. Make sure the side covers align properly with the posts.

Note: tape may adhere poorly in wet weather conditions. Use a drop of mounting sealant for extra security.





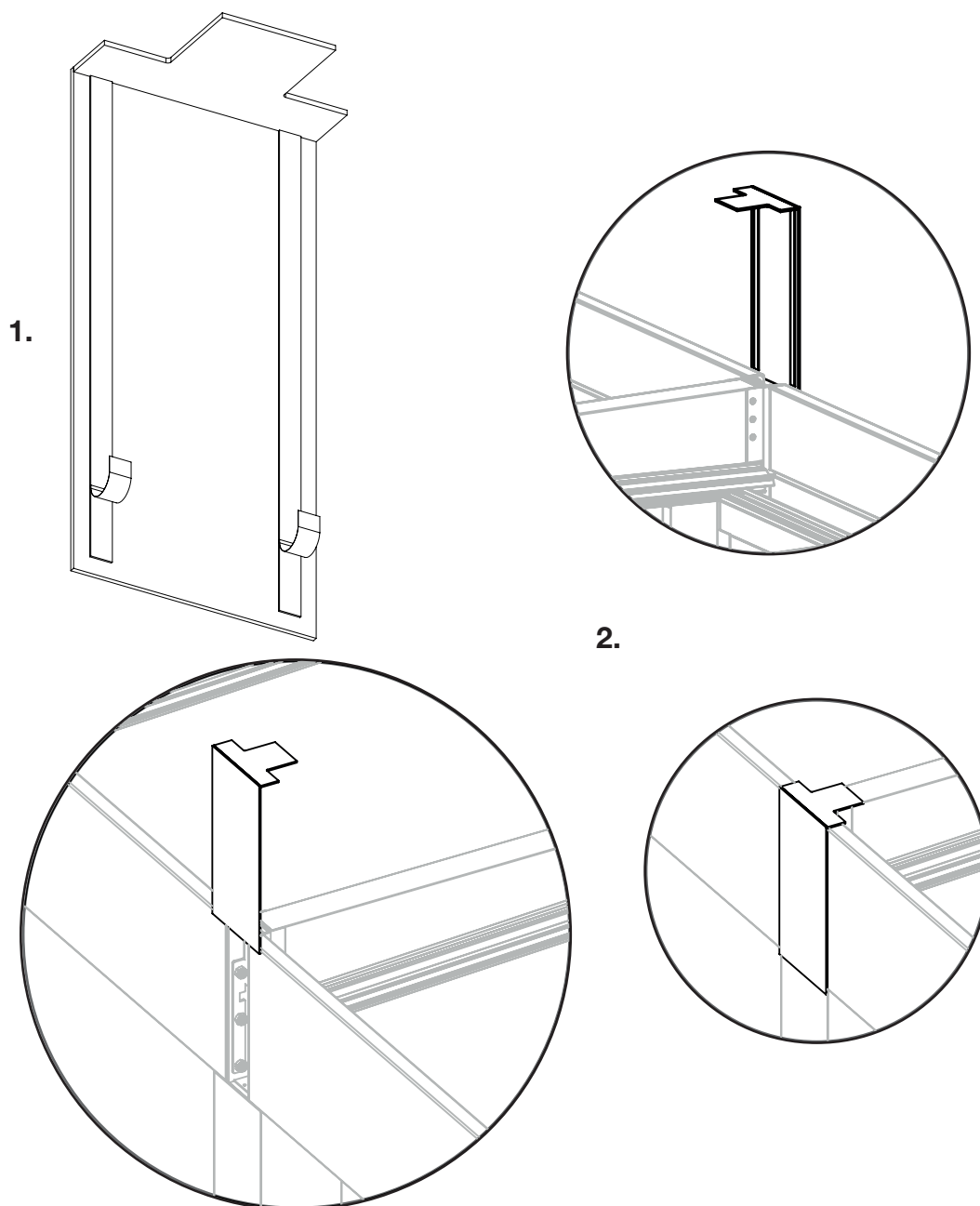
Optional: when coupling verandas, add the finish cover to the coupling piece.

Step 1

Remove the protective film from the gutter connector side cover.

Step 2

Press the side cover onto both gutters. Make sure the side cover aligns well with the posts.

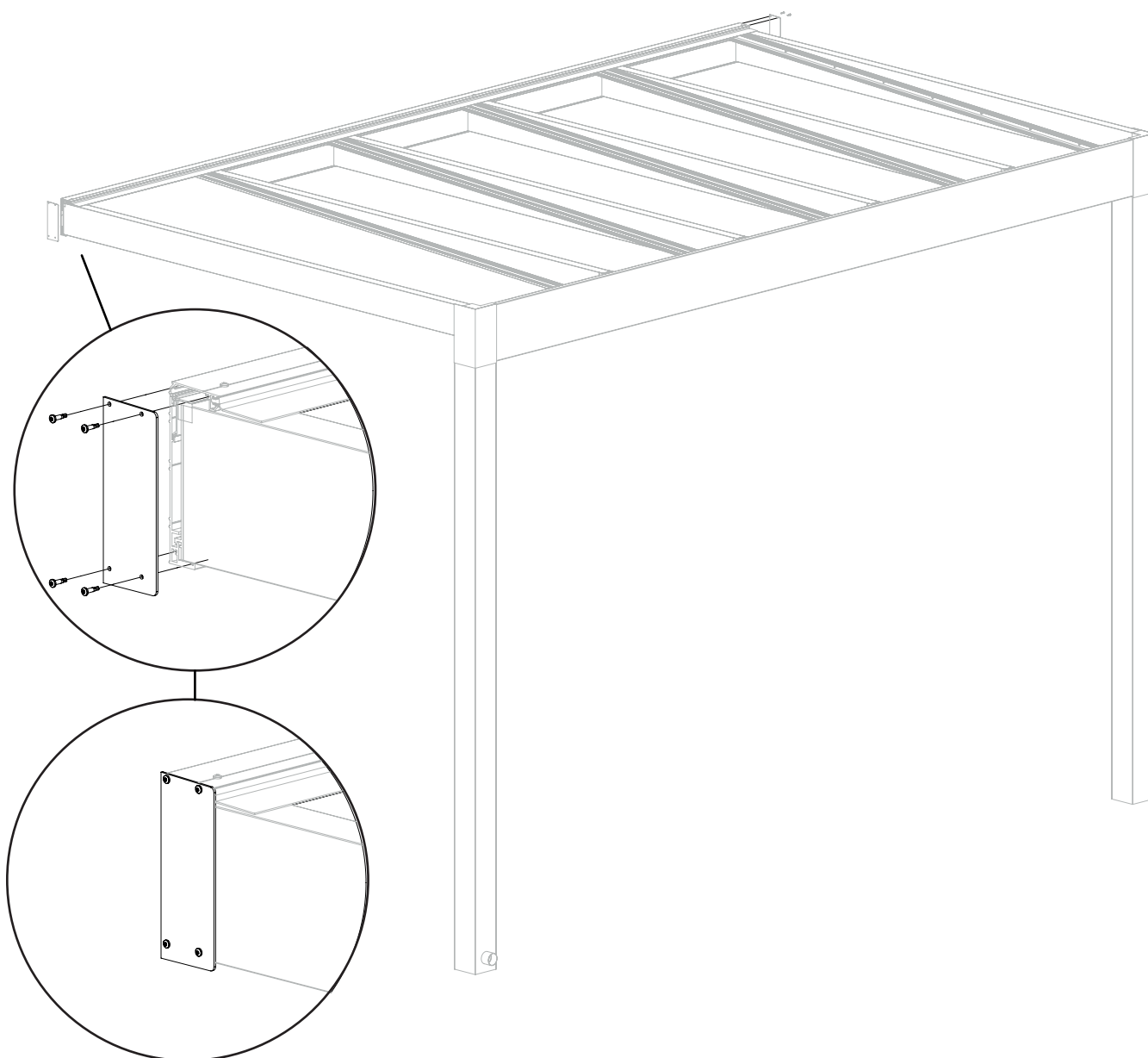




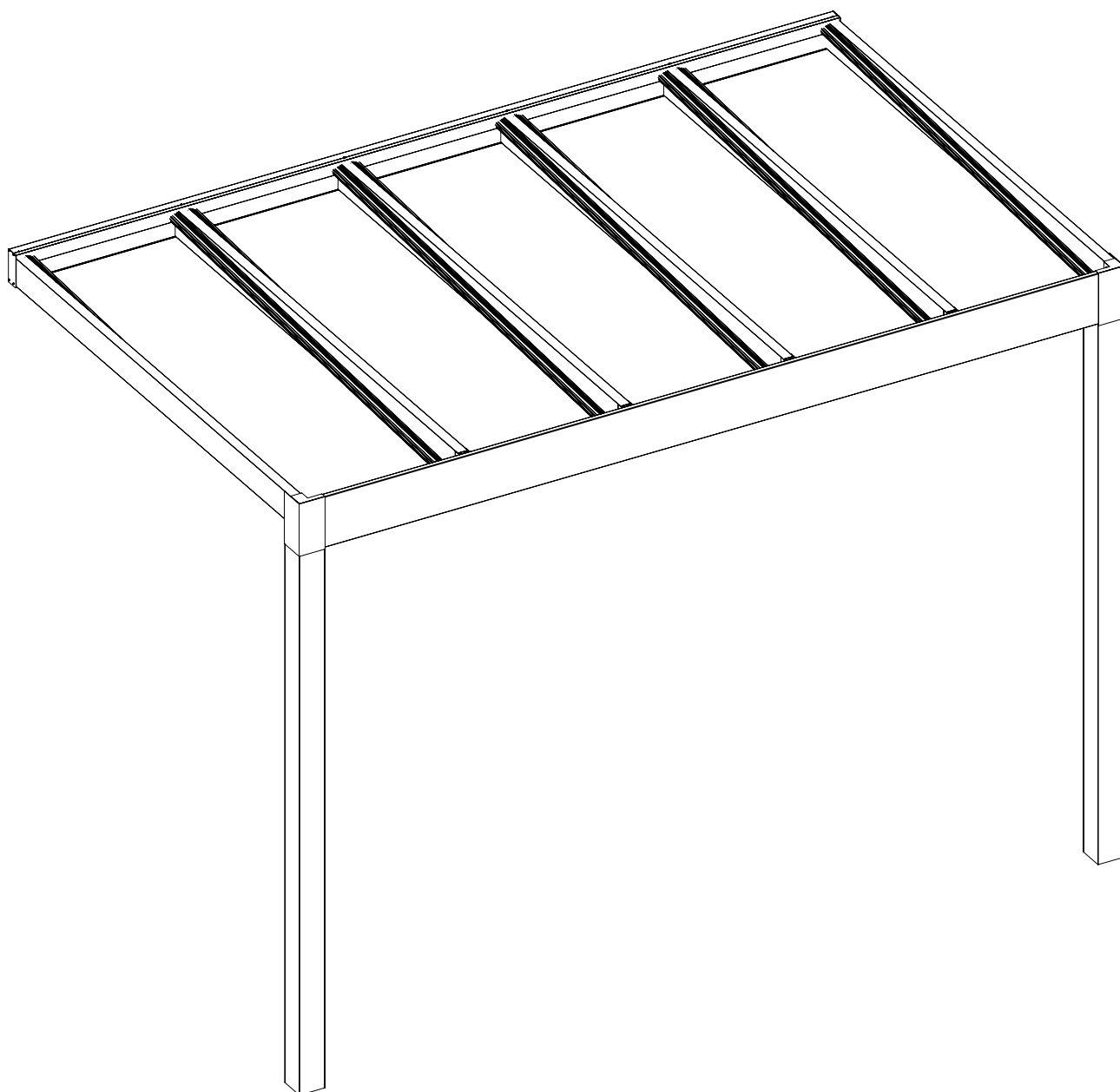
6.22 Mounting wall profile finish cover

Step 1

Screw the side cover for the wall profile with 4x ST4.2 x19mm screws to the wall profile cover and beam.



Hurray! The Trebbiano is finished!





7. Shortening the veranda

It is optionally possible to shorten the veranda. However, it is not possible to use the pre-assembled beams in that case. Instead you can order the beam construction kits.

It is possible to shorten the Trebbiano in width and projection.

7.1 Shortening the width

To shorten the width, you need to shorten some parts. Below is a calculation tool and example of how to shorten the width.

The consequence of shortening is that you have to order Glass yourself. The glass width becomes narrower.

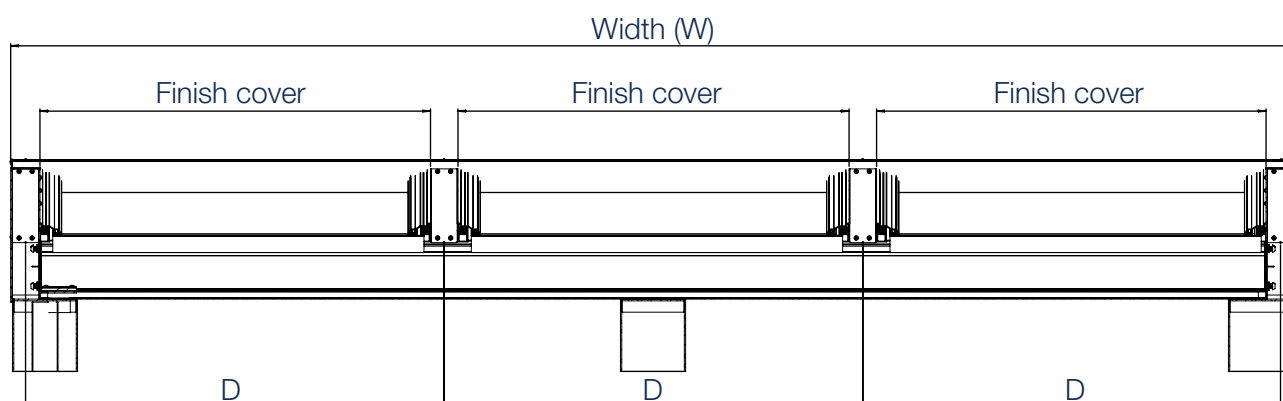
Calculation help

- Cutting length width gutter = width (W) – 134 (beam + thickness corner piece plate + rubber)
- Distance between centres of the in between beams (D) = (width – 60) / amount of panels
- Width of glass plate = D – 124
- Finish cover = D - 60
- Splash profile = D - 109
- Glass drip profile = glass size
- Wall profile = W
- Adjustment profile = W

Calculation example

Purchased veranda is 6016 mm wide and you want to shorten it to a width of 5500.

- Cutting length width gutter = $5500 - 134 = 5366$
- Distance between centres of the in between beams (D) = $(5500 - 60) / 6 = 907$
- Width of glass plate = $907 - 124 = 783$
- Finish cover = $907 - 60 = 847$
- Splash profile = $907 - 109 = 798$
- Glass drip profile = 783
- Wall profile = 5500
- Adjustment profile = 5500



D = Distance between centres of the in between beams.

7.2 Shortening the projection

NOTE: The beam may be shortened by a maximum of 500 mm on one side (i.e. either at the front or at the rear). Further shortening on one side will result in the pre-drilled holes becoming visible. If the beam needs to be shortened by more than 500 mm, it is possible to shorten the beam on both sides, provided that this is done by a maximum of 400 mm at the front and 400 mm at the rear.

NOTE: This Deponti Trebbiano veranda should be installed with a slope for the glass of at minimum 28 mm per metre.

To shorten the projection, you need to shorten multiple parts.
Below is a calculation help and example of how to shorten the width.

The consequence is that you have to order your own glass as the panels need to be shorter as well.

Calculation help

- Length of glass plate = projection - 112

Beam:

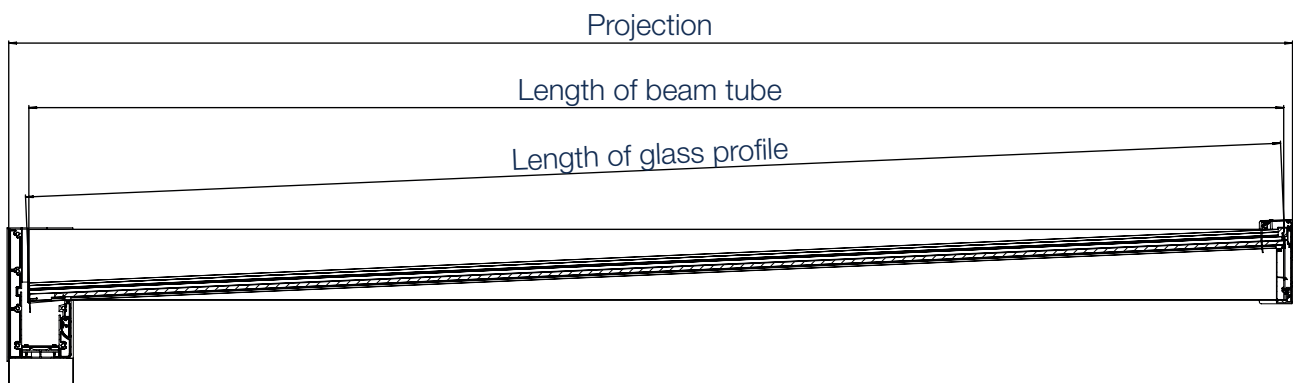
Note: Order the separately available beam construction kits. These allow you to assemble a beam (with the correct slope) yourself.

- Length of beam tube = projection - 67
- Length of glass profile = projection - 64
- Length of glazing beads = length of glass profile - 6

Calculation example

Purchased veranda has a projection of 3482 mm and you want to shorten the projection to 3200mm.

- Length of glass plate = $3200 - 112 = 3088$
- Length of beam tube = $3200 - 67 = 3133$
- Length of glass profile = $3200 - 64 = 3136$
- Length of glazing beads = $3136 - 6 = 3130$



7.3 Shortening the gutter package

To shorten the gutter, use the following steps:

Step 1

Remove the fastening material.

Step 2

Remove the rubber gasket.

Step 3

Remove the LED window and cover.

Step 4

Remove the LED strip.

Step 5

Cut the gutter to the desired size. Make sure the gutter is cut straight.

Step 6

Then tap M10 thread into the 6 holes. Make sure you tap 45mm deep.

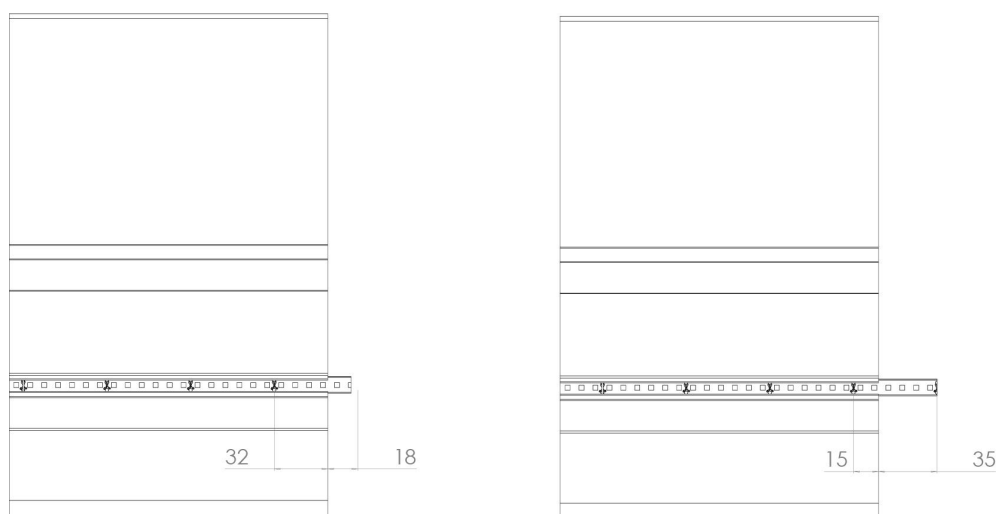
Step 7

Shorten the LED window.

Step 8

Cut the LED strip to size. This can be done in 5cm increments. To reconnect the LED strips, you can order a set of LED strip connectors from Deponti. This way, you can simply follow the diagram shown later in the manual.

When installing a single Trebbiano: cut the LED strip at the nearest mark from the end of the profile and seal the end with some silicone sealant.

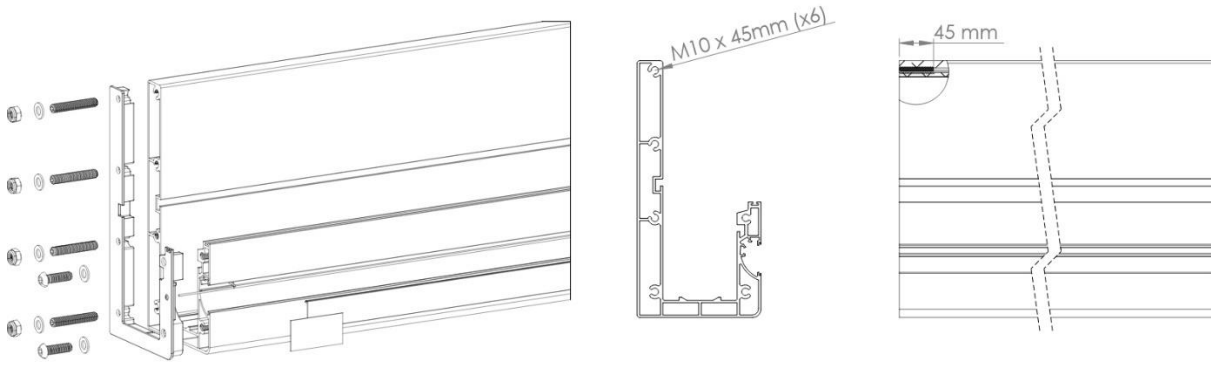


When connecting several Trebbiano verandas, please note that after cutting the LED strips it is still possible to reconnect them. To connect the LED strips together, you can order a set of LED strip connectors from Deponti.



Step 9

After cutting everything to size, place the parts (except the screws, washers and locknuts) back on the gutter. Start at the rubber gasket. Make sure the threaded rods protrude 20mm from the gutter





7.4 Installing the beam packages

If you want to shorten the veranda in the Projection, you will have to assemble the beam packages yourself. You can see how to do this below.

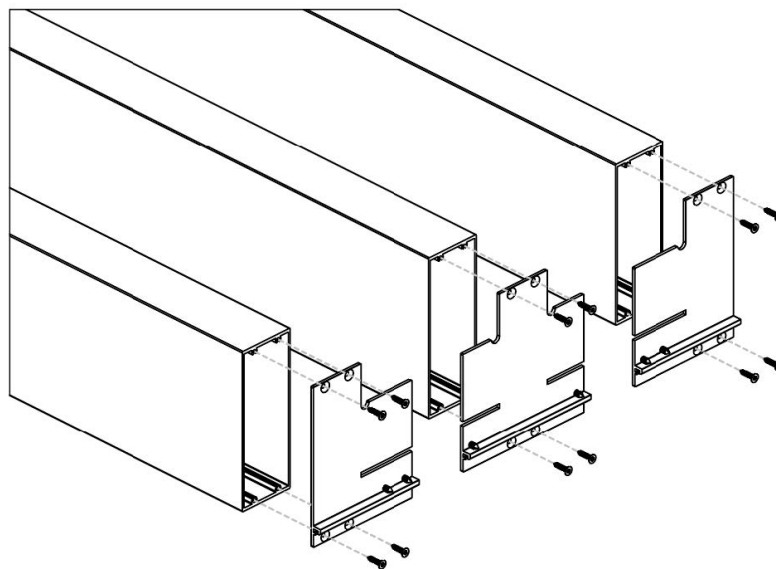
Please note that the beam may be shortened by a maximum of 500mm on one side (i.e. either on the front or on the back). Further shortening on one side will result in the pre-drilled holes becoming visible.

If the beam has to be shortened by more than 500mm. Then it is possible to shorten the beam on both sides, provided this is done with a maximum of 400mm at the front and 400mm at the back.

Step 1

Disassemble the beam packages and cut the parts to the calculated lengths.

Note: always shorten the beam from the back (where the glass profile lies on the mounting plate).



Step 2

Attach the mounting plates of the side and middle beams to the back of the beam box. Use the countersunk head ST. 4.2 x 30mm screws.

Step 3

To determine the correct position, place the glass profile on the back of the mounting plate. Make sure the glass profile is flush with the mounting plate. At the front of the beam, the glass profile should protrude +/- 3mm below the beam sleeve. Mount the glass profile to the beam with the Deponti ST4.2 x 19mm screws.

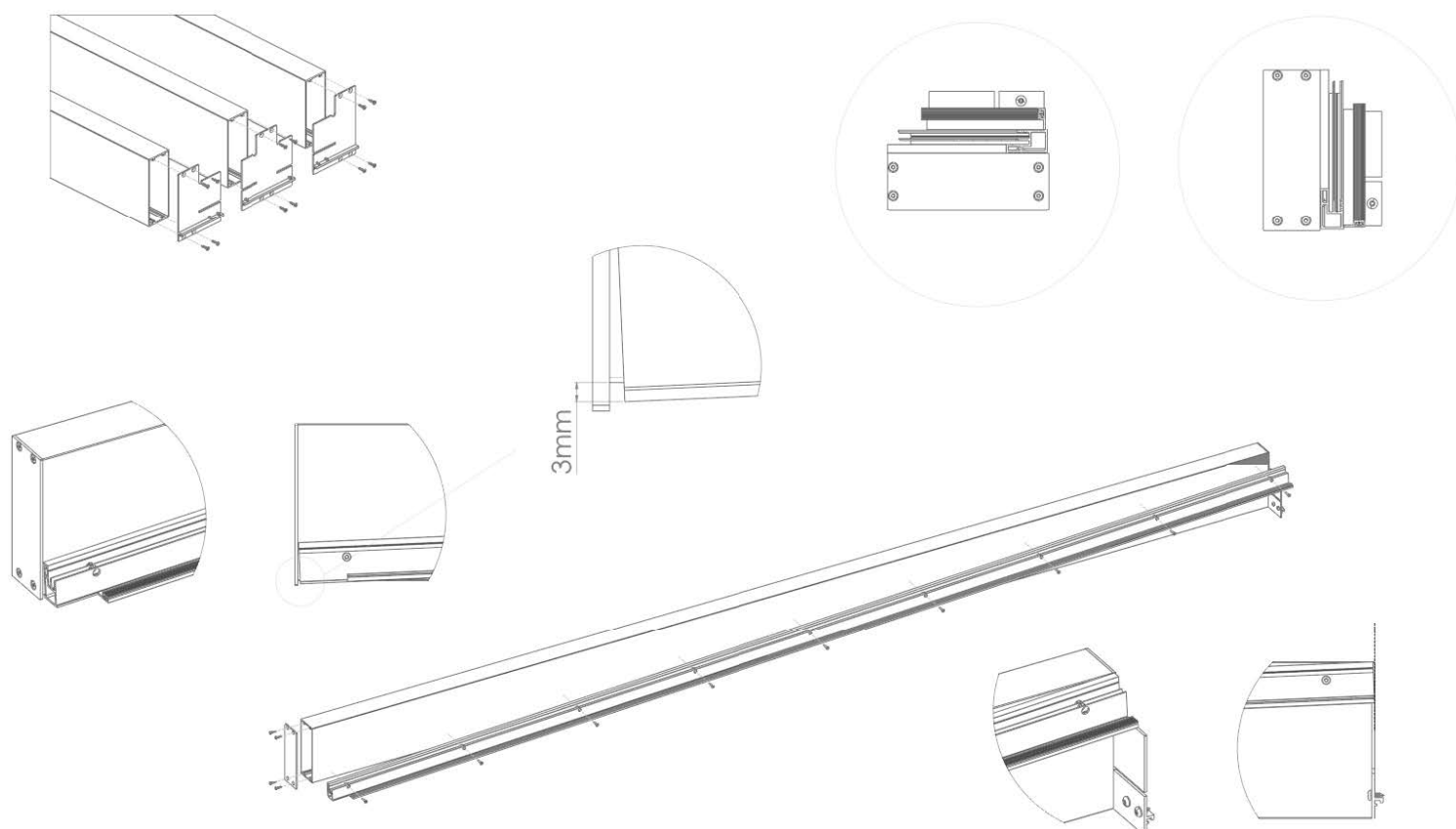
Note:

- When mounting the glass profile, lay the beam on its side. This ensures that the glass profile remains straight and does not sag.
- Check that the holes already in the beam tube are not in the way of the new holes.

Step 4

Mount the cover plate of the beam sleeve at the front using the countersunk head ST.4.2 x 30mm screws.

Note that the glass profile differs on the left and right side of the beam. You can recognise the difference by the cut-out piece, which belongs to the front of the beam.





8. 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 roofing sheets that are soiled can be cleaned with lukewarm water and a cleaning product.

- Use a soft brush or sponge.
- Never use abrasives or aggressive solvents. (No acid or alkalis) Solvents (washing-up liquid and Glassex) are, however, permitted to remove greasy dirt.
- Never use a pressure washer.
- Deponti B.V. has a special cleaning product in its range.

9. Disposal of waste

Dispose of the product according to local laws and regulations.

10. Warranty conditions

Warranty according to Warranty conditions and general terms and conditions of Deponti. 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 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 harbours, coastal areas and swimming pools)

11. Contact

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



 1231	
Deponti Rijnstraat 20a 5347KN Oss NL 25 1231-CPR-1090-1-2410-D-344	
EN 1090-1:2009/A1:2011 PLPT Trebiano 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
<u>Structural characteristics:</u>	
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	