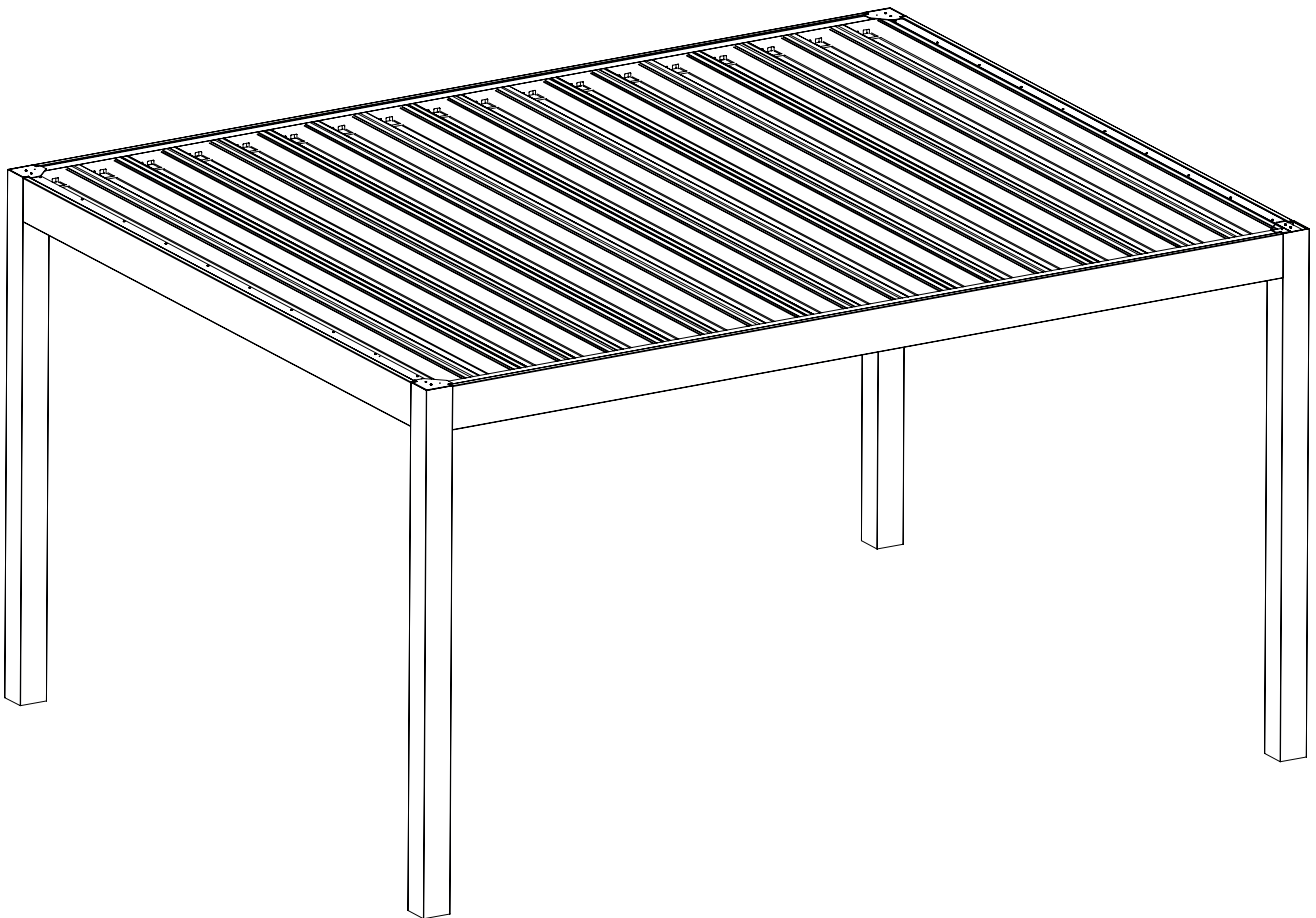




Operating / Assembly instructions Deponti Carport

Pinela Delight Carport



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Please keep this manual in a safe place for future reference!

For details of the duration and terms of the warranty, we recommend that you contact your Deponti partner. Please also refer to our General Terms and Conditions of Sale and Delivery, which are available on request. Deponti B.V. accepts no liability for damage or injury resulting from failure to follow this manual carefully and from failure to exercise due care during transport, Assembly, use and Maintenance of the carport. As a result of our continuous efforts to improve our products, the product may differ in detail from that described in this manual. For this reason, the instructions provided are intended solely as a guide for installing the product described in this manual. This manual has been compiled with the utmost care. However, Deponti B.V. cannot accept any liability for any errors in this manual or for the consequences thereof. Furthermore, all rights are reserved and no part of this manual may be reproduced in any form whatsoever.



1. Introduction

Pinela Delight carport.

Your customer wants to park their car safely under their carport as soon as possible. We understand that better than anyone. To achieve this, it is important to assemble it carefully. That is why this manual takes you through the assembly process step by step. This will enable you to assemble the carport as easily as possible. We therefore advise you to read through this manual as thoroughly as possible before you start the assembly. That way, you won't be faced with any surprises.

Before starting the assembly, please check that all the necessary parts are included. For your own safety, please follow the relevant instructions. This will also ensure the safety of the carport once it has been installed. If you have any further questions, please do not hesitate to contact us.

Please keep this manual in a safe, dry and cool place. If it becomes damaged or is lost, please contact Deponti to request a replacement copy.

2. Safety precautions and warnings

Important:

Please read the safety precautions and warnings before you begin assembling the carport.

- When performing the assembly of the product, please follow the instructions and guidelines set out in this manual carefully. Never alter the order of the steps to be carried out. If anything is unclear regarding the assembly, please contact Deponti. We reserve the right to make technical changes without prior written notice.
- We recommend that the carport assembly be performed by two people (qualified technicians or certified installers).
- We recommend using material hoists when performing the assembly of the gutter.
- Please check your delivery as soon as you receive it. If the delivery is damaged or incomplete, please contact Deponti immediately.
- The materials should be stored in a dry, well-ventilated area, away from direct sunlight.
- Open the packaging carefully. Take care not to damage the product.
- Place the parts on a soft, clean surface. Lay the profiles on a flat surface. Avoid direct sunlight or rain. This will prevent damage to the carport.
- Adding or omitting parts, or altering or modifying materials in any way other than as specified, may compromise the safety of the carport. We therefore strongly advise against doing so!
- Be sure to section off the installation site with safety tape to keep unauthorised persons away.

- Always wear the appropriate protective clothing (work gloves, dust mask, safety goggles, non-slip shoes, etc.) when carrying out the work.
- Always place a ladder on a firm, stable surface.
- Install the system on a flat, stable foundation or stone surface. Ensure that the ground is clean and dry.
- For wall mounting: mount the system against a sturdy, flat wall and on a flat, stable foundation or brick surface. Ensure that the wall and floor are clean and dry.
- Make sure that all fasteners are tightened securely. Check this regularly.
- Make sure you've properly sealed the carport to make it watertight.
- You should perform maintenance and clean the carport at least once a year.
- When cleaning and washing, use plenty of water, a soft cloth and a sponge. Use only neutral cleaning products. Do not use acids or alkalis. Solvents (such as washing-up liquid and Glassex) are permitted for removing greasy stains.
- Dispose of the product in accordance with local laws and regulations.
- Deponti B.V. accepts no liability whatsoever for damage or injury caused by failure to comply (strictly) with the safety regulations and instructions in this manual, or by negligence during the Assembly, use and Maintenance of the product and any associated accessories. Deponti B.V. is not liable for any form of damage.



3. Product description

The Pinela Delight Carport is constructed from posts, gutter profiles, roofing sheets, L-profiles and the necessary assembly materials. This carport comes with LED lighting as standard.

The Pinela Delight Carport is available as standard in widths of 3124, 4088, 5052 or 6016 mm; by joining carports together, it can be made as wide as required. The carport can have a projection of 3000, 3500 or 4000 mm.

Details

Gutter	145 x 230 mm
Posts	150 x 150 mm
Colours	Traffic White (RAL9016) / Antracite (RAL7024) / Black (RAL9005)
Roofing	RAL 9010 steel roofing sheets with anti-condensation felt
Maximum height	2.73 m
Width (mm)	3000 / 3124 / 3500 / 4000 / 4088 / 5052 / 6016 or a multitude thereof
Projection (mm)	3000 / 3500 / 4000 / 5052
LED lighting* / **	Warm white 2400K, 8 W/m, cutting length 6 LEDs/50 mm

* Can also be supplied without LEDs as an option. The LED strips can be covered using the optional cover strip, allowing the carport to be supplied without LEDs.

** The standard supplied driver supports a maximum of 30 metres of LED strip. If you wish to install additional LED strips in other channels of the gutter profiles or connect multiple LED strips together, please take the driver's maximum power capacity into account.

A Deponti veranda can be installed on existing foundations or a stone surface. To do this, please order the assembly feet from our ordering portal.



3.1 Snow and wind load

The table provides an overview of the maximum net snow and Wind loads for each carport configuration. The values are based on a design life of 50 years, exposure class CC1, assuming a maximum deflection of L/200 under maximum loading of the aluminium components in accordance with EN 1990. For the steel roofing sheets, a maximum deflection of L/300 has been applied.

The tables below are based on a maximum height of 2.73 m from floor to the top of the gutter. Different wind and Snow loads apply for taller posts. Closing off the side walls may affect the maximum Wind load that the carport can withstand. The net snow load on the roof is derived from the sk value (location-dependent), with correction factors applied for factors such as the shape of the carport, its position relative to other structures and the intended lifespan of the carport.



Pinela Delight Carport

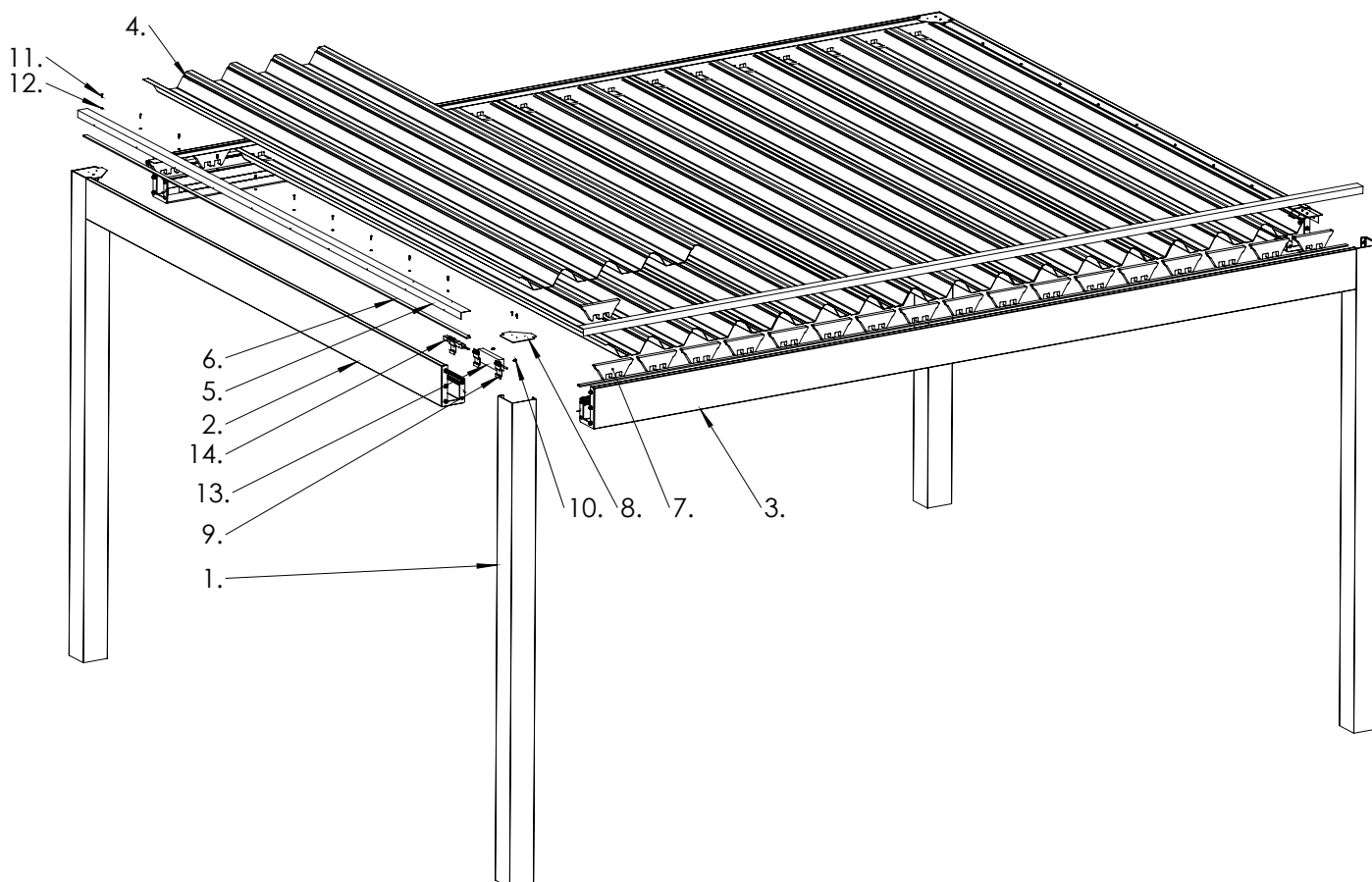
Carport dimensions (Width x Projection)	Maximum downward load (kN/m ²)	Maximum downward load (kg/m ²)	Max. net wind suction (kN/m ²)
3000 x 3000	2,1	214	1,56
3124 x 3000	2,1	214	1,56
3500 x 3000	2,1	214	1,56
4000 x 3000	2,1	214	1,56
4088 x 3000	2,1	214	1,56
5052 x 3000	2,1	214	1,56
6016 x 3000	1,21	123	1,39
3000 x 3500	1,74	177	1,33
3124 x 3500	1,74	177	1,33
3500 x 3500	1,74	177	1,33
4000 x 3500	1,74	177	1,33
4088 x 3500	1,74	177	1,33
5052 x 3500	1,74	177	1,33
6016 x 3500	1,02	104	1,21
3000 x 4000	1,27	130	1,17
3124 x 4000	1,27	130	1,17
3500 x 4000	1,27	130	1,17
4000 x 4000	1,27	130	1,17
4088 x 4000	1,27	130	1,17
5052 x 4000	1,27	130	1,17
6016 x 4000	0,86	88	1,09
3000 x 5052	0,94	95	0,94
3124 x 5052	0,94	95	0,94
3500 x 5052	0,94	95	0,94
4000 x 5052	0,94	95	0,94
4088 x 5052	0,94	95	0,94
5052 x 5052	0,94	95	0,94
6016 x 5052	0,60	61	0,94
6016 x 5052	0,60	61	0,94

The maximum load is the characteristic value without safety factors or reduction based on the reference period.



4. Parts list

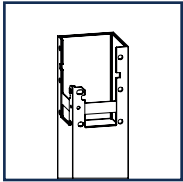
4.1 Exploded view



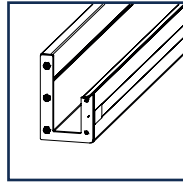


4.3 Parts list

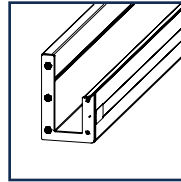
Please check the delivered parts carefully against the delivery note to ensure they are correct in terms of quantity and quality. Any visible defects must be reported in writing within 7 days of delivery.



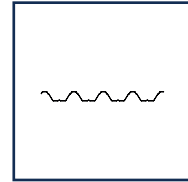
01. Post



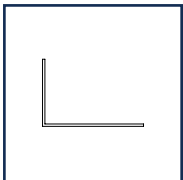
02. Gutter profile projection



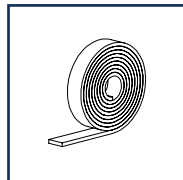
03. Gutter profile width



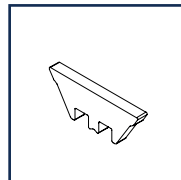
04. Roofing sheet



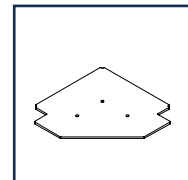
05. L-profile



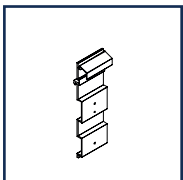
06. EPDM foam 25x6mm



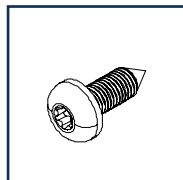
07. Leaf catcher foam block



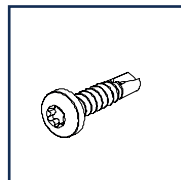
08. Side cover for upright post



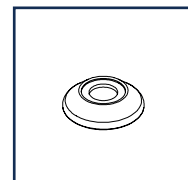
09. Electronics bracket



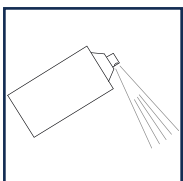
10. Sheet metal screw, 5.5 x 16 mm (for electronics bracket)



11. 4.2 x 19 screw



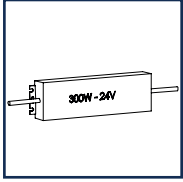
12. 4.2 mm sealing rings



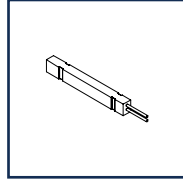
26. Impregnation spray



Standard accessory set



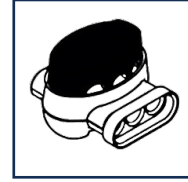
13. Power supply
300W-24V



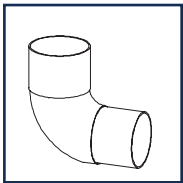
14. LED receiver



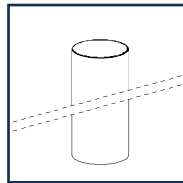
15. Remote control



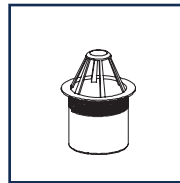
16. Scotchlok



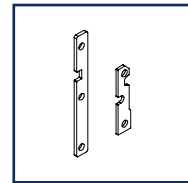
17. 90° RWD rainwater
discharge sleeve



18. RWD rainwater
discharge pipe, Ø80mm

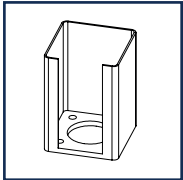


19. Leaf catcher, Ø80mm

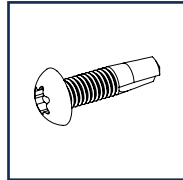


20. Pressure distribution
plates (do not use)

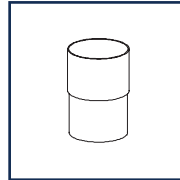
Optional



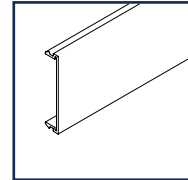
21. Mounting base



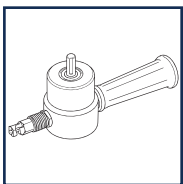
22. 6.3 x 25 mm screw



23. RWD rainwater
discharge sleeve



24 LED window cover
strip



25 Nibble Scissors



5. Preparation for installation

5.1 Conditions for assembly

Flooring & cladding

- Make sure you have a good, level and stable surface on which to erect this carport.
- The site where the carport is to be installed must be ready for construction and free of obstacles (garden furniture, planters, etc.) so that the fitters can carry out their work without hindrance.
- The ground must be cleared of obstacles such as utility pipes (e.g. power cables), roots and rubble.
- The façade must be free of sun blinds and similar fixtures.
- The surface where the wall profile is to be installed must be solid, even and level.

Dimensions & attached carports

- The maximum distance between the posts is 6 metres.
- With joined carports, there is always a post beneath the joint.

Assembly on walls

- To allow for the expansion of the materials, the carport must not be positioned between two walls. A gap of 1.5 mm must be left for every metre of the carport's width.

Screws and drill bits

- Deponti supplies special 4.2 x 19 mm stainless steel screws for the carport.
Please note: pre-drill each screw hole with a 3 mm drill bit (unless otherwise stated)! If you over-tighten them whilst they are already secure, the screw head may break off. It is recommended that you screw them in carefully, using the appropriate setting on the screwdriver.
- Please note: never drill or use screws to attach them to the PVC rainwater discharge pipe in one of the posts.

sealant

- The sealant supplied has been specially selected for creating a watertight seal between aluminium and aluminium, or between aluminium and most materials commonly found in construction, such as walls, concrete, etc. Please follow the instructions on the tube.
- Please note: the optimum application temperature for the sealant is between +5°C and +40°C.

Rubber seals

- The Pinela Delight carport comes fitted with loose black rubber seals as standard. These are not required and may therefore be discarded.

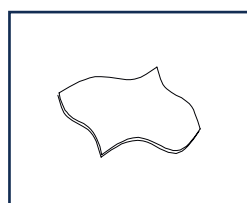
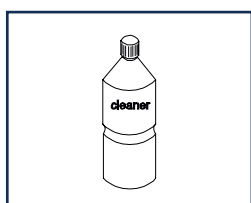
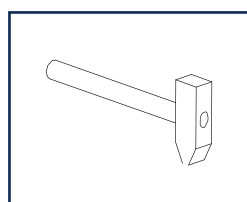
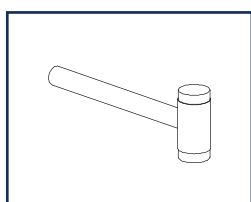
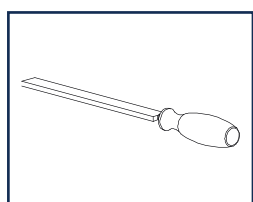
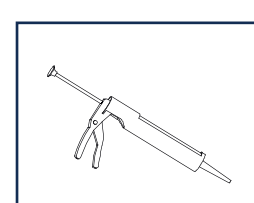
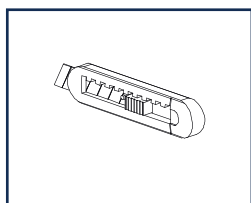
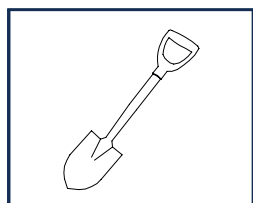
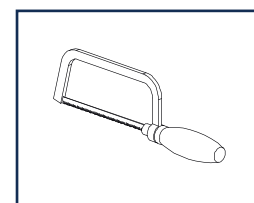
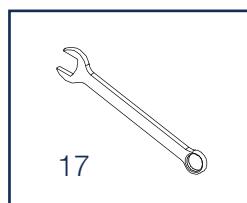
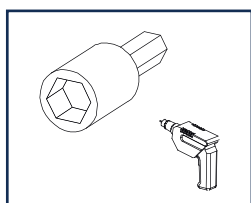
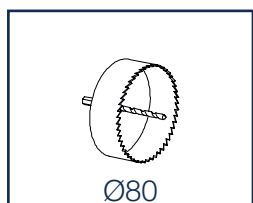
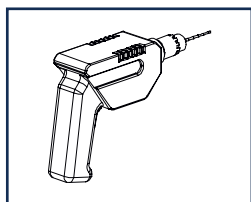
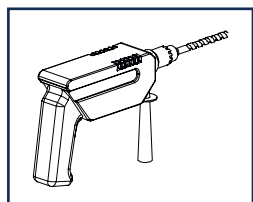
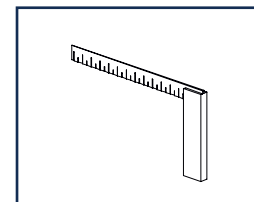
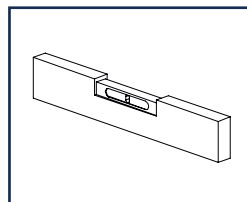
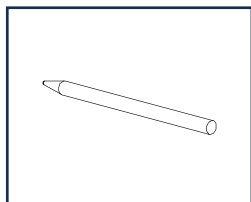
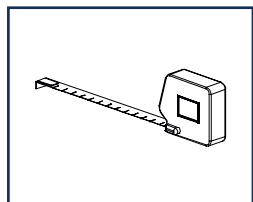
Remove the protective film

- We recommend leaving the protective film on the aluminium parts until the very end to prevent any damage. During assembly, do peel back the protective film by a few centimetres to ensure it does not get trapped between the profiles. Otherwise, it will be difficult to remove later.

The warranty will be void if the Pinela Delight carport is not assembled and installed in accordance with the instructions.



5.2 Inspection of tools and accessories



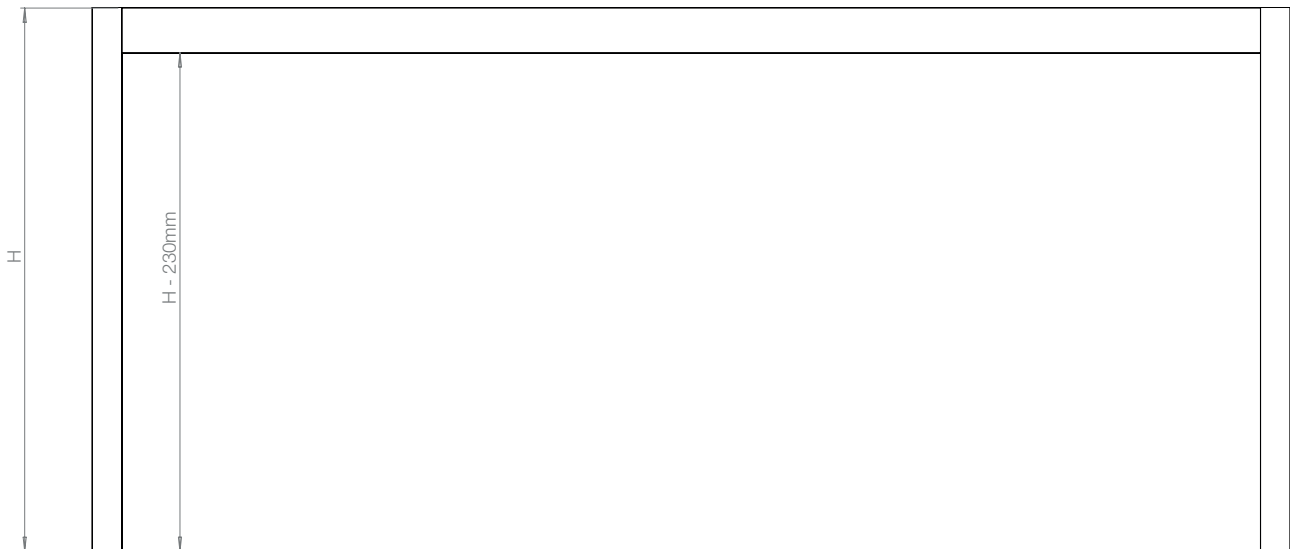


6. Assembly

6.1 Determining the height

Determine the height of the veranda. Please note that the maximum height of the veranda must not exceed 2730 mm from ground level to the top of the gutter.

The posts are supplied slightly longer than required so that they can be set into the concrete. If you are installing the veranda using (optional) Mounting bases, cut the posts to the desired height of the veranda.





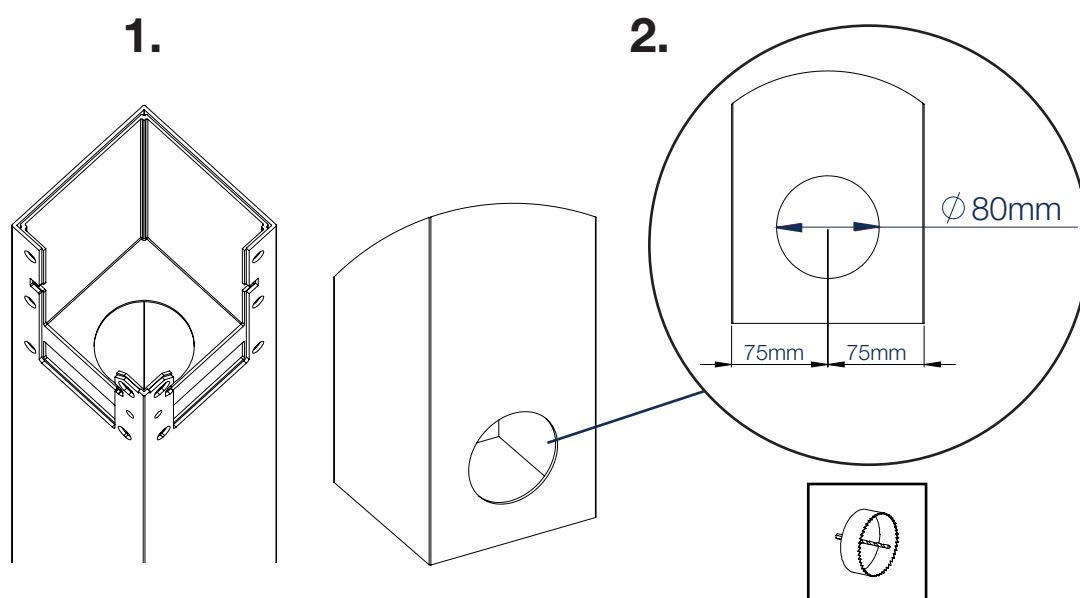
6.2 Rainwater discharge

Step 1

Decide which post you want to fit the rainwater discharge (and leaf catcher) to, then carefully drill an 80 mm hole in the top of the post using the hole saw. This is where the leaf catcher will be fitted later.

Step 2

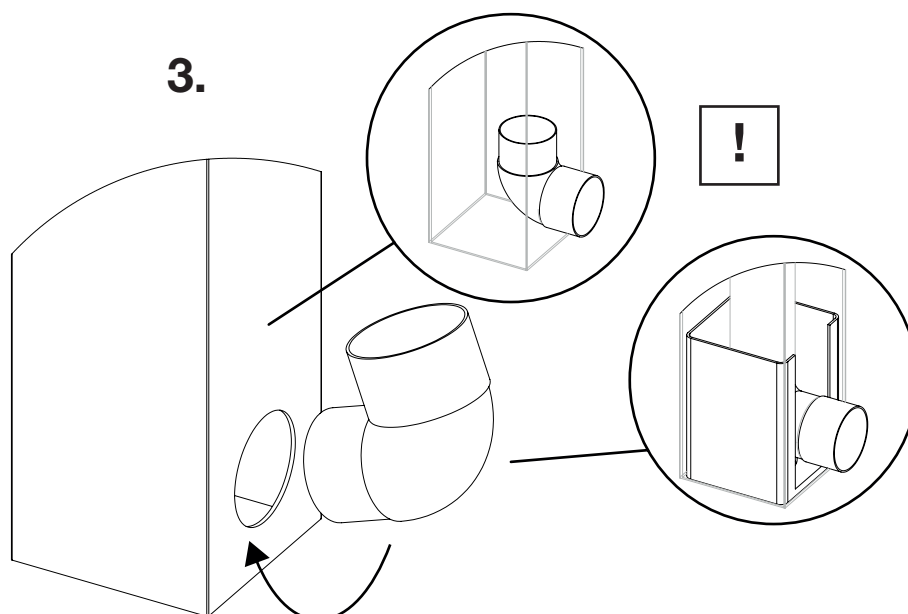
Decide on which side and at what height on the post you want the RWD outlet to be. Drill a hole in the centre of the post using a 80 mm hole saw. When determining the height, bear in mind that the RWD may end up below ground level (connected to a drainpipe) or just above ground level.



Step 3

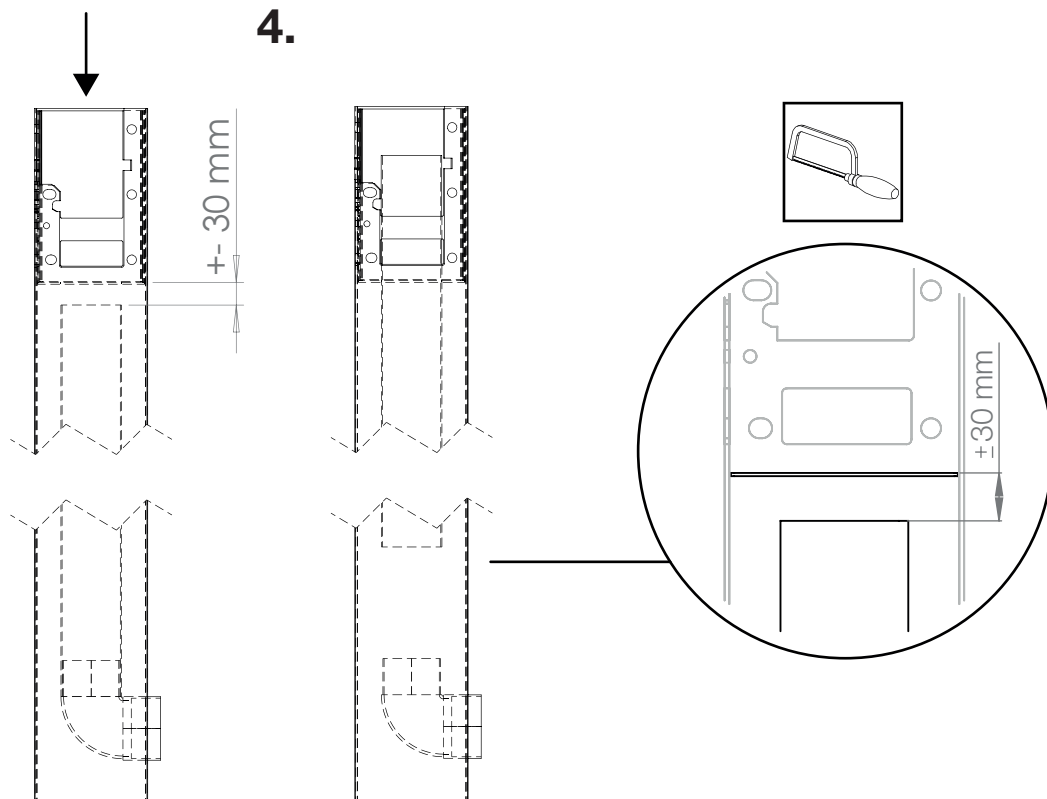
Insert the RWD elbow into the hole at the bottom of the post.

Please note: When using the blind mounting bases, ensure that the opening in the base is aligned with the outlet in the post.



**Step 4**

Insert the RWD downpipe through the top hole of the post and slide it over the RWD elbow. Cut the RWD downpipe to size so that it protrudes approximately 30 mm below the plate on the post.





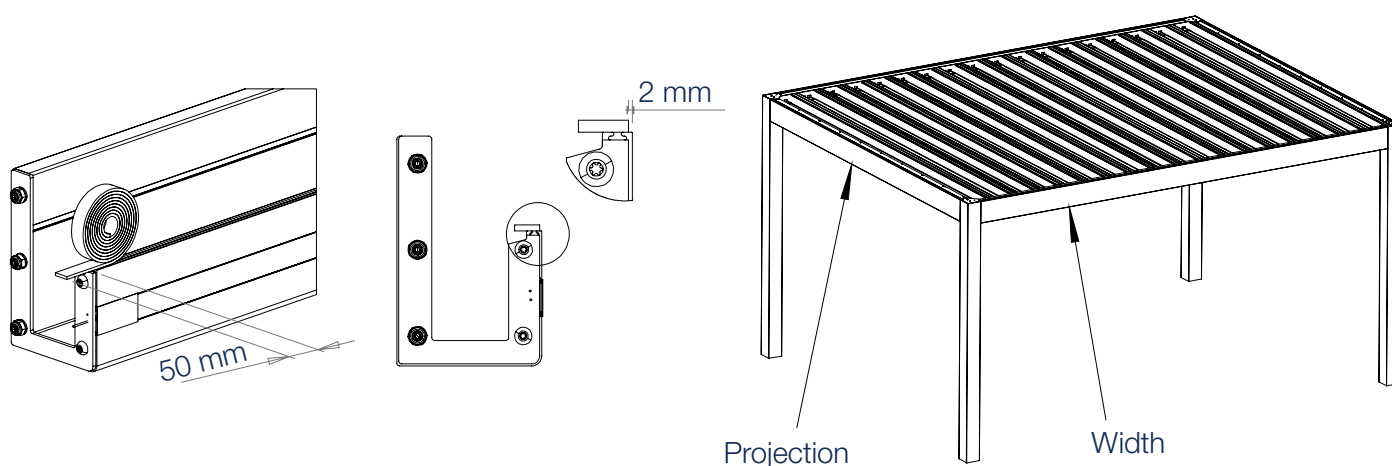
6.3 Preparation of gutter profiles

Before the gutters are installed, they must first be fitted with EPDM foam and then inspected.

Please note: Rubber seals are included in the package with the gutters, but these are not used for the carport.

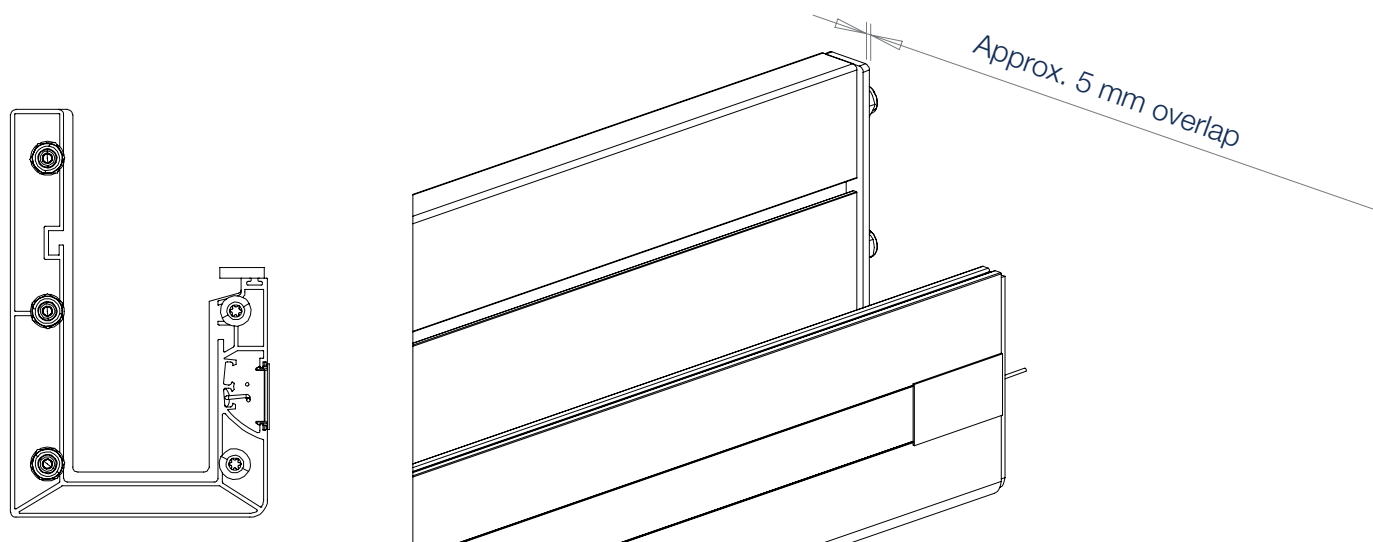
Step 1

Remove the protective film from the EPDM foam and stick the foam onto the **width gutters (i.e. only the width profiles)**. Do this as shown in the illustration below. Position the foam 2 mm inwards, allow it to protrude 50 mm on both sides, and press it down firmly.



Step 2

Check that the gasket is correctly fitted on all gutters. The gasket must always extend beyond the inner edge of the gutter and must not protrude beyond the outer wall. If this is not the case, it must be corrected.



Step 3

Remove the pre-fitted bolts, nuts and washers at the ends of the gutter, but leave the 3 threaded ends in place!

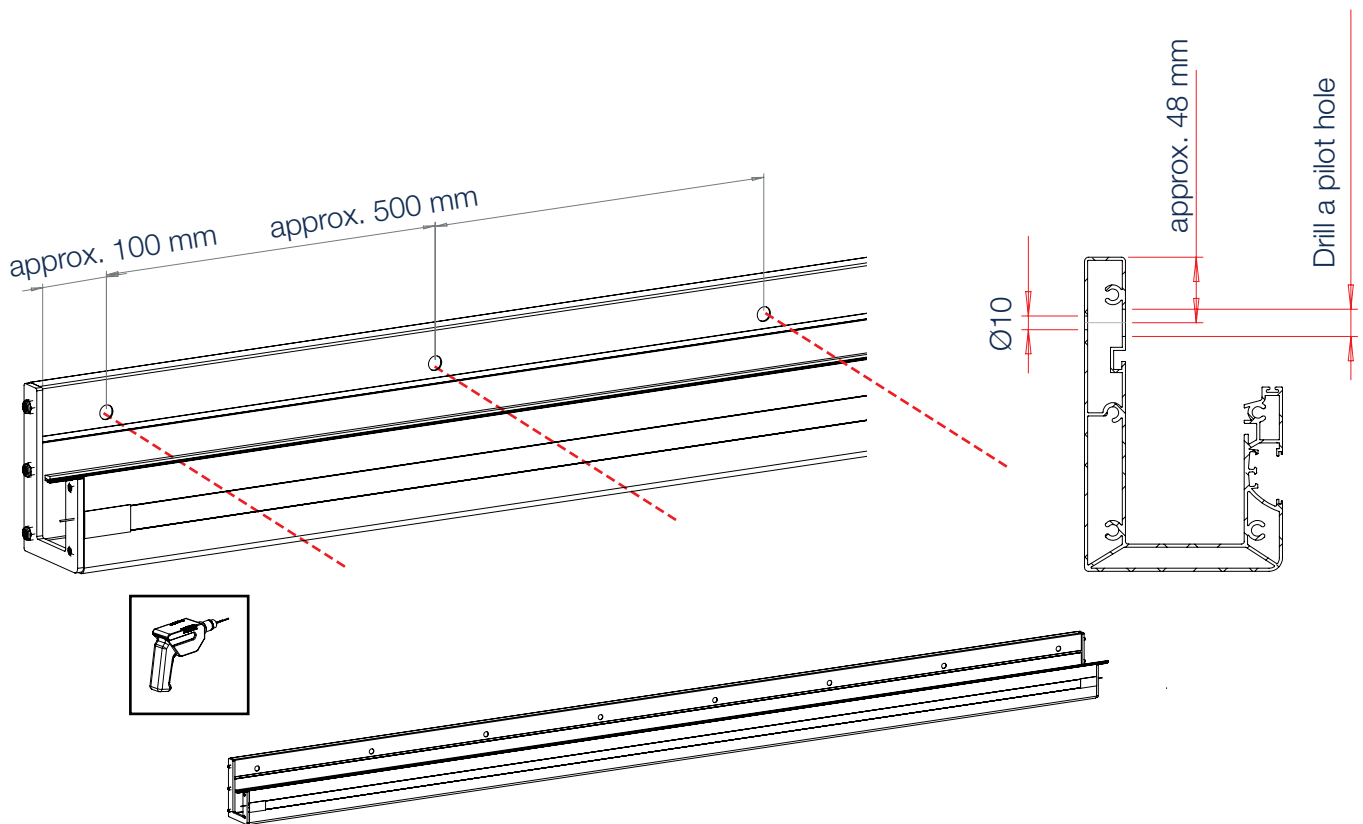


6.4 Wall mounting (optional)

You can optionally order the Pinela Delight as a wall-mounted unit. If you have a freestanding carport, you can skip this section.

Step 1

Decide which gutter you want to fix to the wall. Drill holes in this gutter approximately 500 mm apart. Start about 100 mm from one end and finish about 100 mm from the other end. Drill the front holes slightly larger so that the fixing materials sit recessed.



**Step 2**

Check once again that the seal is properly attached to the gutter.

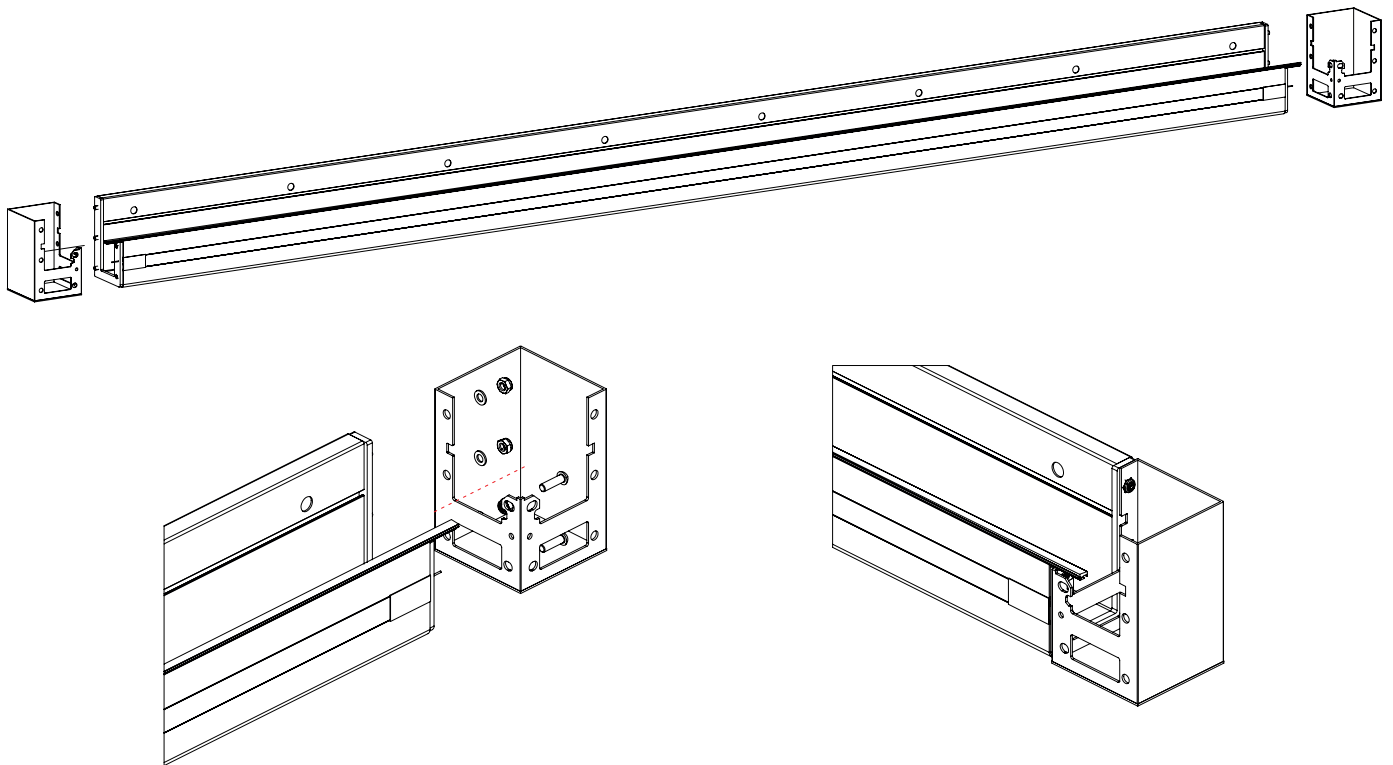
Step 3

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

Please note: Make sure the LED cable is threaded through the hole in the Corner piece.

Step 4

Tighten everything evenly (in a criss-cross pattern).

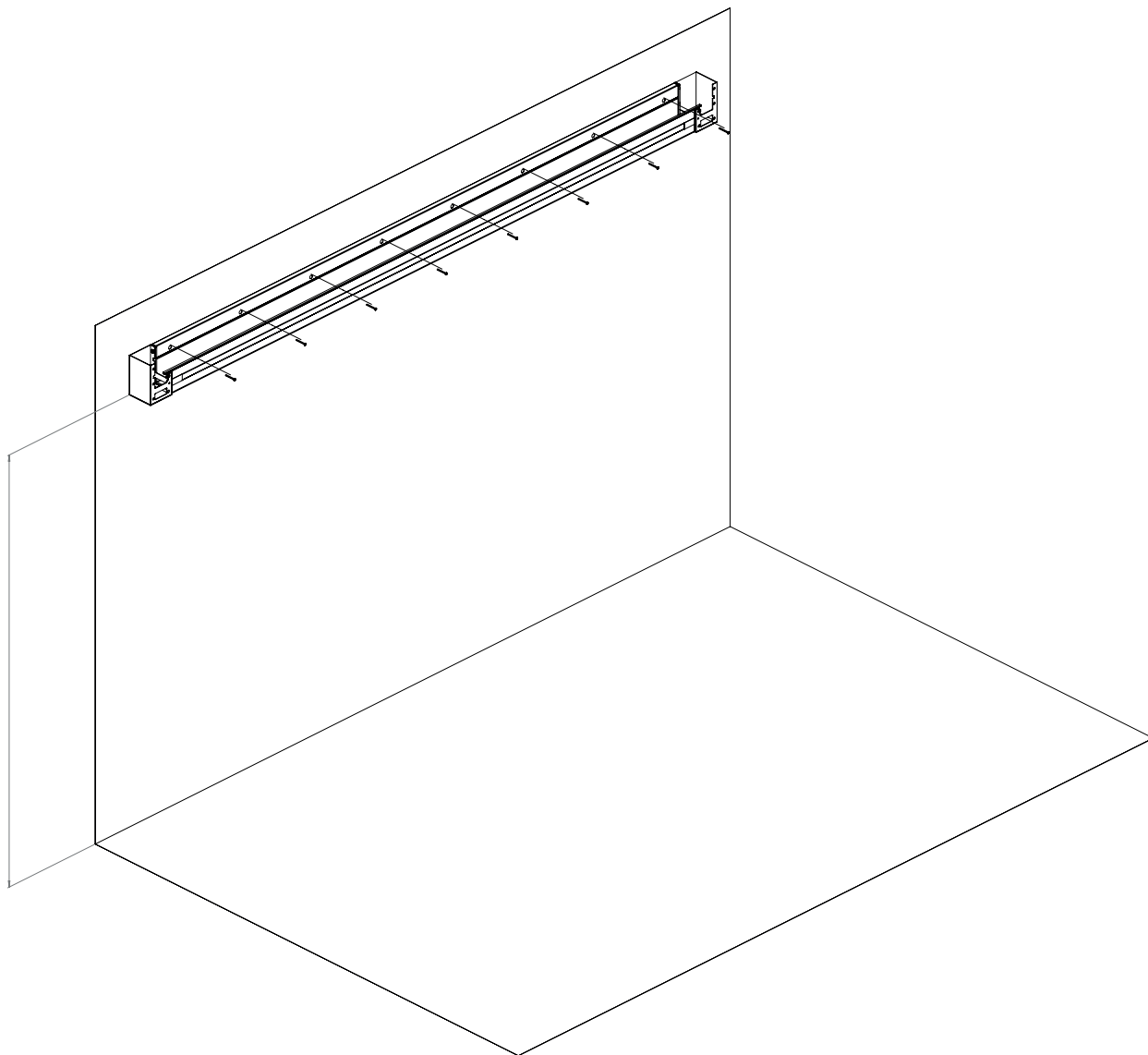


**Step 5**

Position the gutter against the wall at the desired height, then mark the holes in the same way as you pre-drilled them in the wall profile. Now drill the holes using the correct drill bit. Make sure the gutter is level.

Step 6

Secure the gutter. Please provide your own fixing materials.





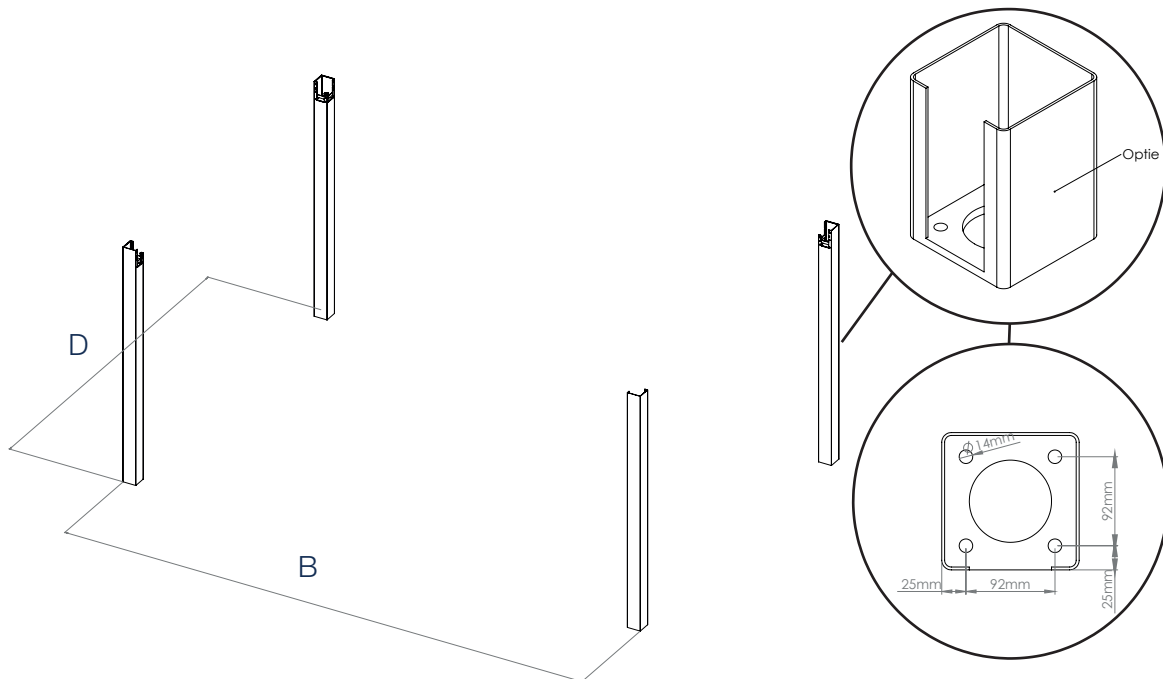
6.5 Fixing the posts

Step 1

Determine the positions of the posts on the patio and the optional flush-mounted mounting bases. Ensure that the posts are perfectly square and check that they are level.

You can find the correct position of the posts in Table 6.6.1 on the next page.

Please note: When using the blind mounting bases, first secure them to the substrate. The correct position of the mounting bases can be found in Table 6.6.2. To secure the base to the substrate, we recommend using an M12 5.8 Hilti-HY 200 anchor with an embedment depth of 170 mm.





Step 2

External dimensions of the posts.

Dimensions of the bonnet Width (W) x Projection (D) in mm	Diagonal outer dimensions of posts (X) in mm
3000 x 3000	4242
3124 x 3000	4330
3500 x 3000	4609
4000 x 3000	4999
4088 x 3000	5070
5052 x 3000	5875
6016 x 3000	6722
3000 x 3500	4609
3124 x 3500	4691
3500 x 3500	4949
4000 x 3500	5314
4088 x 3500	5381
5052 x 3500	6145
6016 x 3500	6959
3000 x 4000	4999
3124 x 4000	5075
3500 x 4000	5314
4000 x 4000	5656
4088 x 4000	5719
5052 x 4000	6443
6016 x 4000	7224
3000 x 5052	5875
3124 x 5052	5939
3500 x 5052	6145
4000 x 5052	6443
4088 x 5052	6498
5052 x 5052	7144
6016 x 5052	7855

Table 6.6.1

Position of the posts

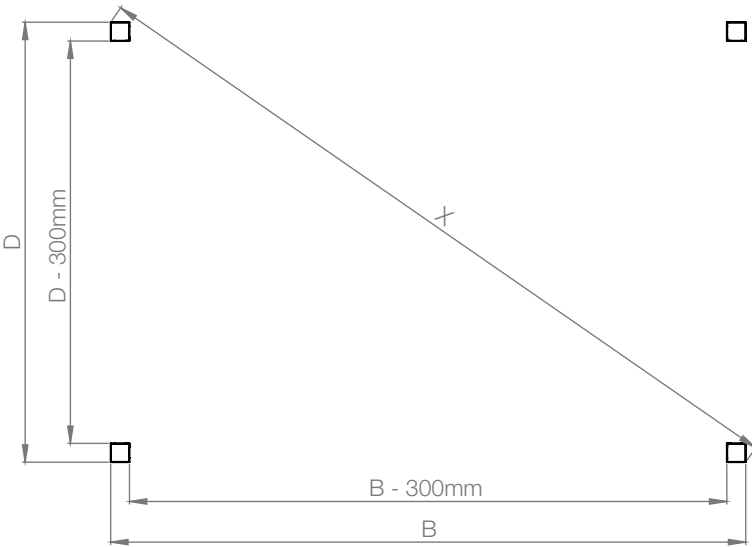
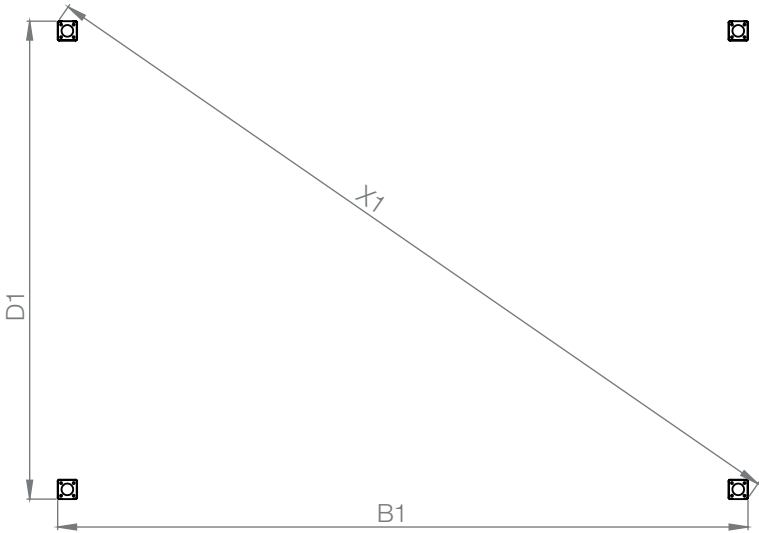


Table 6.6.2

Position of blind mounting bases





Step 2

External dimensions of the flush-mounted assembly base

Carport dimensions Width x Projection in mm	Width (B1)	Projection (D1)	Diagonal outer dimensions of posts (X) in mm
3000 x 3000	2992	2992	4223
3124 x 3000	3116	2992	4312
3500 x 3000	3492	2992	4590
4000 x 3000	3992	2992	4981
4088 x 3000	4080	2992	5051
5052 x 3000	5044	2992	5856
6016 x 3000	6008	2992	6704
3000 x 3500	2992	3492	4590
3124 x 3500	3116	3492	4672
3500 x 3500	3492	3492	4930
4000 x 3500	3992	3492	5296
4088 x 3500	4080	3492	5362
5052 x 3500	5044	3492	6127
6016 x 3500	6008	3492	6941
3000 x 4000	2992	3992	4981
3124 x 4000	3116	3992	5056
3500 x 4000	3492	3992	5296
4000 x 4000	3992	3992	5637
4088 x 4000	4080	3992	5700
5052 x 4000	5044	3992	6424
6016 x 4000	6008	3992	7205
3000 x 5052	2992	5044	5857
3124 x 5052	3116	5044	5921
3500 x 5052	3492	5044	6127
4000 x 5052	3992	5044	6424
4088 x 5052	4080	5044	6479
5052 x 5052	5044	5044	7125
6016 x 5052	6008	5044	7836

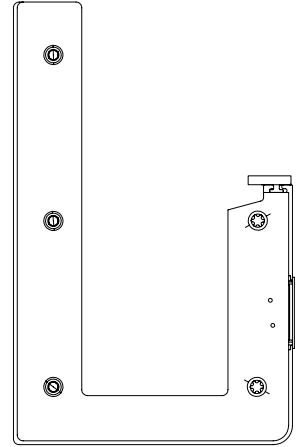


6.6 Installing gutters

Step 1

Check that the gaskets fit snugly over the inner edges of the gutter.

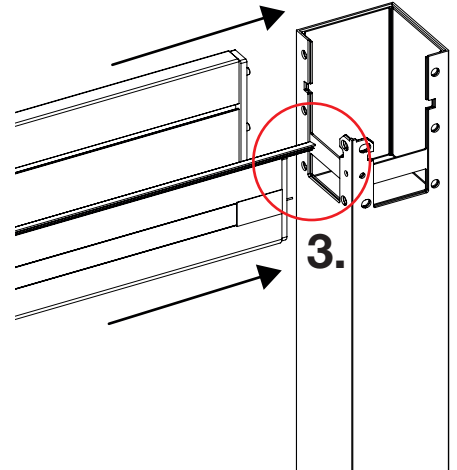
1.



Step 2

Slide the gutter into the post as shown in the illustration.

2.



3.

Step 3

Please note: Make sure the LED cable is threaded through the hole in the post.

Step 4

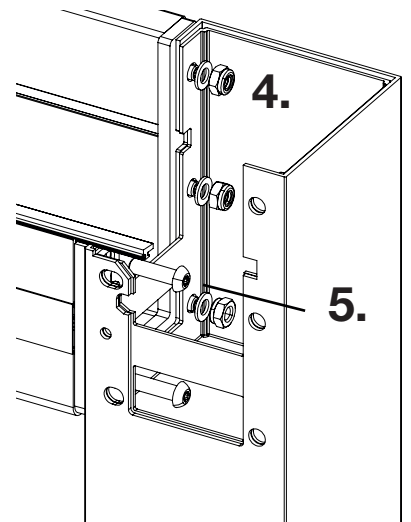
Fasten the lock washers onto the threaded rods. Tighten the lock nuts by just a few turns.

4.

Step 5

Screw the two round-head screws supplied into the front two holes; these do not require washers.

5.



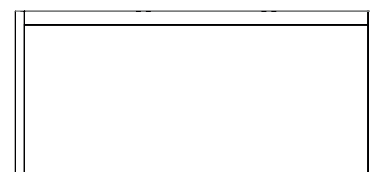
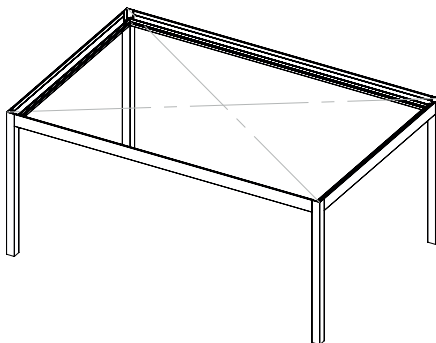
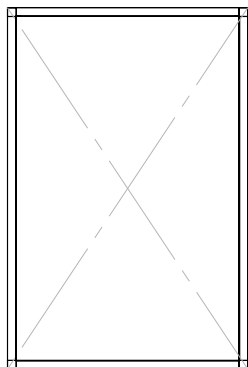
Step 6

Tighten the whole thing in a criss-cross pattern.



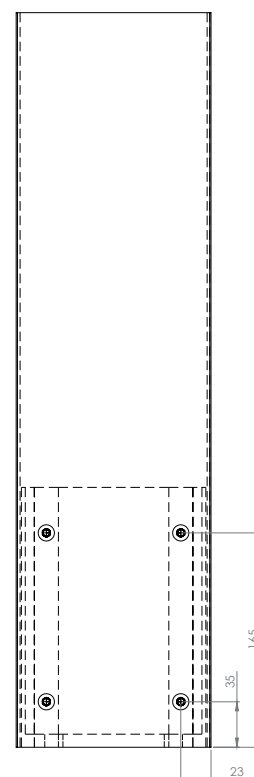
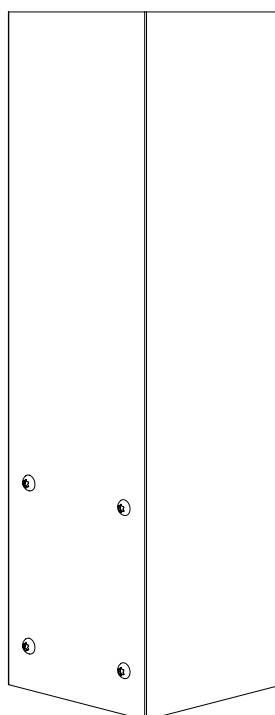
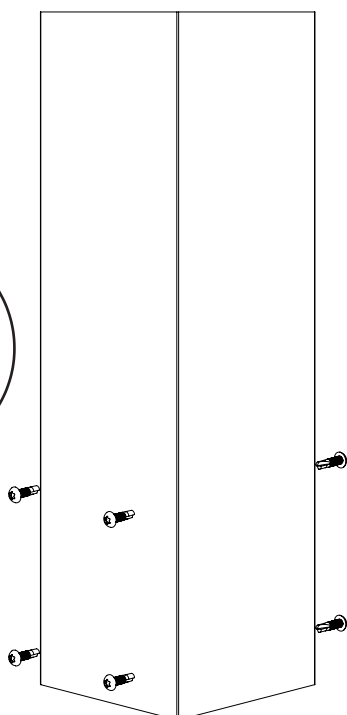
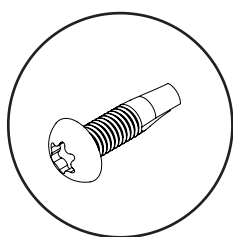
Step 7

Check that the frame is level on all sides.



Optional: Assembly of concealed mounting bases.

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

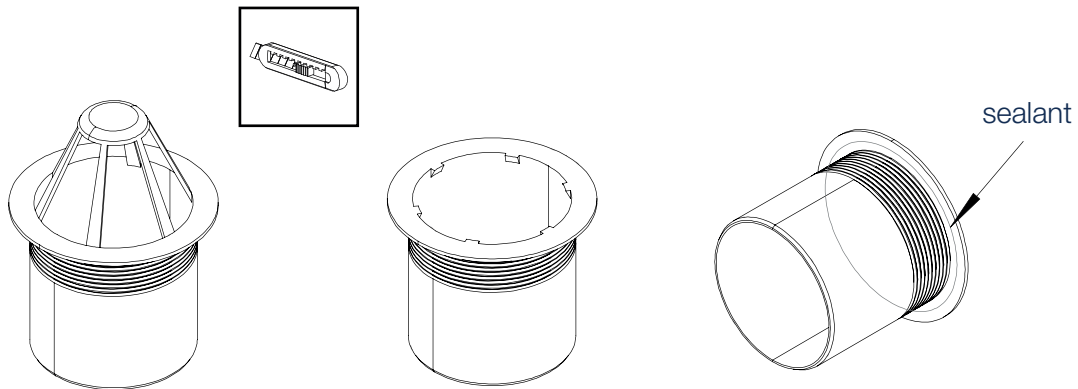




6.7 Fitting the leaf catcher

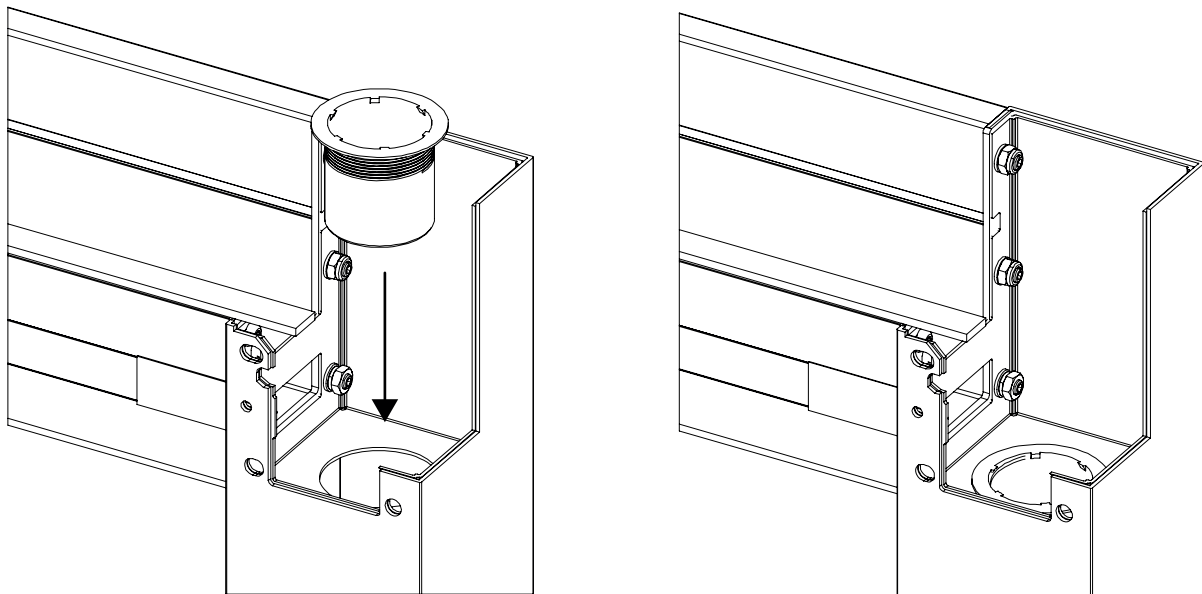
Step 1

Cut off the bars from the leaf catcher and apply sealant to the underside.



Step 2

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



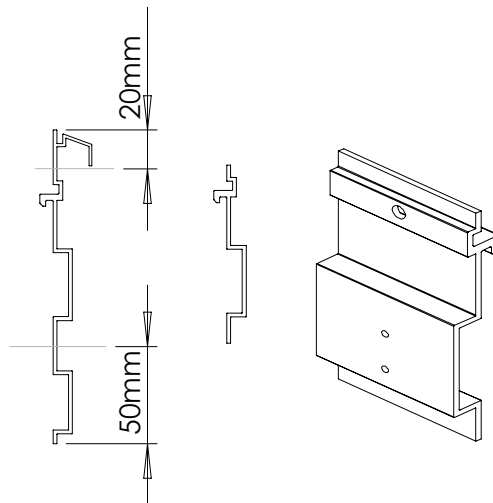


6.8 Installing the power supply and the LED driver

Decide which gutter to install the power supply and LED receiver in. Only use empty gutters for this purpose. Please note: This is the gutter onto which you place your roofing sheets last.

Step 1

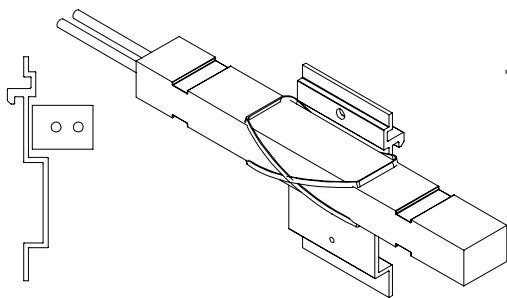
Cut the electronics brackets to size as shown below.



Step 2

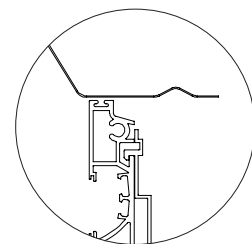
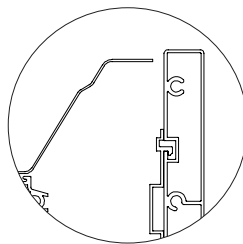
Attach the LED receiver to the electronics bracket. Use cable ties to do this. Next, place the brackets in the gutter.

Please note! If you are using an adapter piece, position the brackets in the lower section of the gutter.



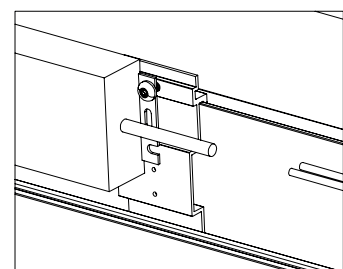
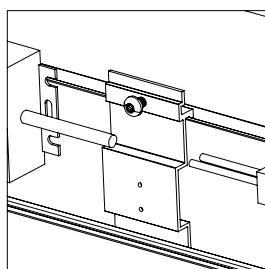
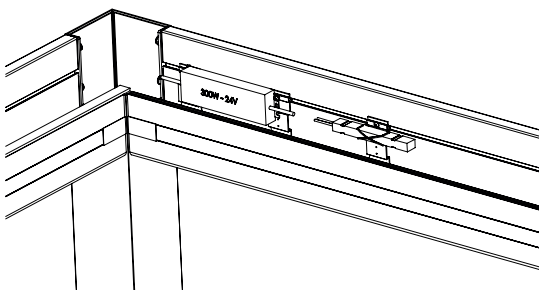
Gutter widths (no filler piece):
3124 mm, 4000 mm, 5052 mm

Gutter widths (including adapters): 3000 mm, 3500 mm, 4088 mm, 6016 mm



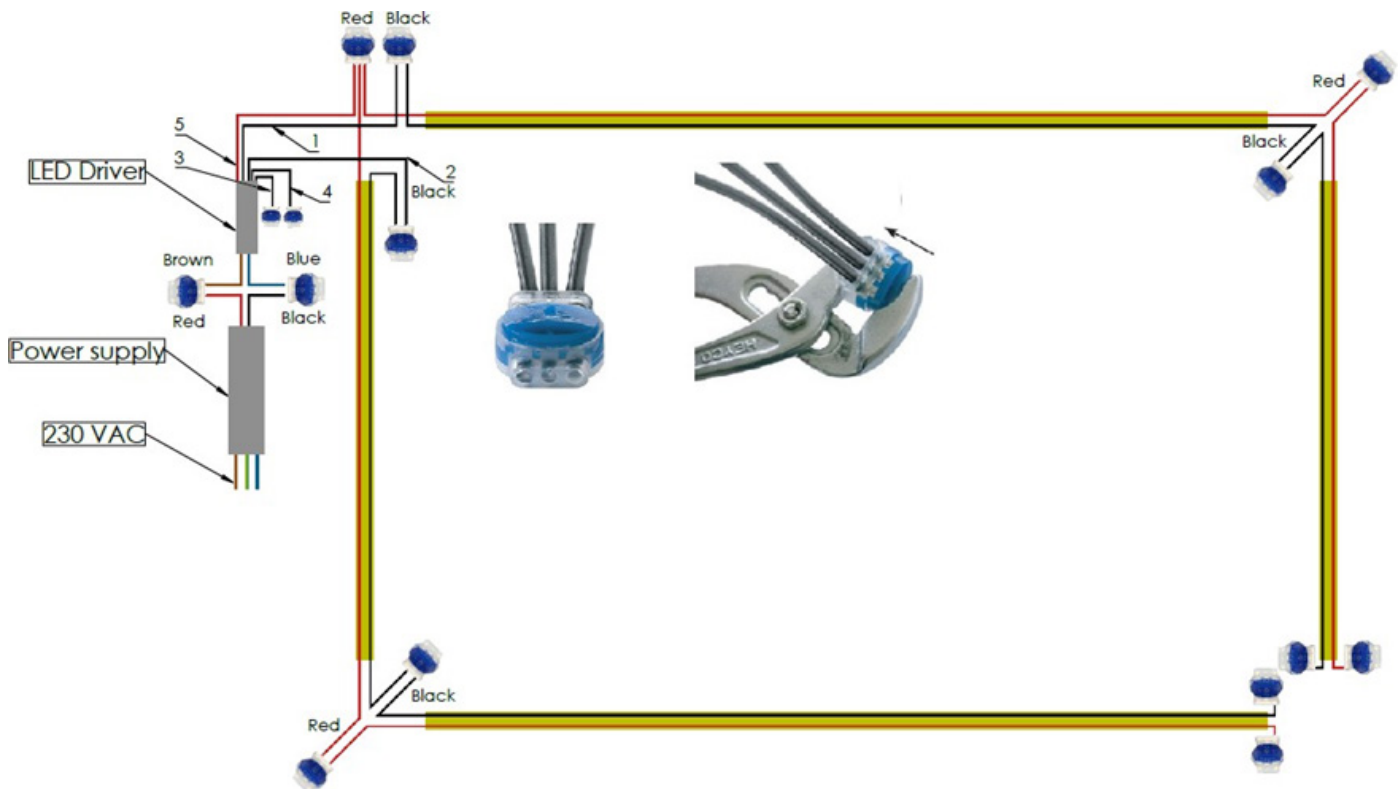
Step 3

Screw the sheet metal screws (5.5 x 16 mm) into the bracket so that the bracket can still move but cannot come out of the gutter. Then slide the power supply around the sheet metal screws and tighten them.





6.9 Connecting the LED lighting



Connect the LED lighting according to the diagram above.

Note 1

The cables of the LED lighting are soldered and are therefore more fragile at the solder joints. Do not pull or bend them forcefully during installation.

Note 2

Thanks to the use of the Scotchlok connector, there is no need to strip the ends of the cables.

Note 3

Please note that you should connect a maximum of 2 LED strips per channel.

Note 4

Make sure you cover all loose wires with a single heat-shrink sleeve. Use only one heat-shrink sleeve per loose wire. This prevents short circuits between the wires and the frame, or between the wires themselves.

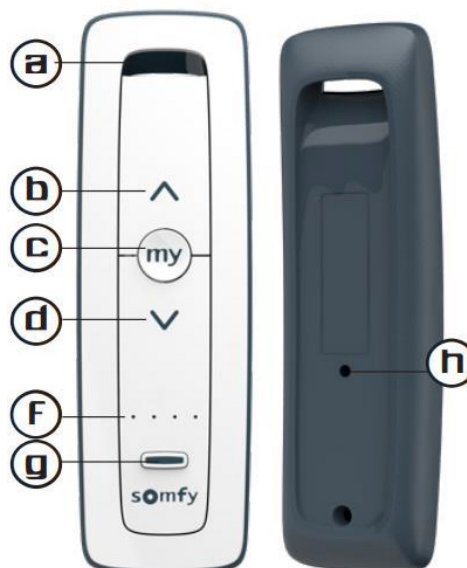


6.10 Programming the LED lighting

- A. Wall mount for the remote control
- B. Press / Turn on / Open
- C. STOP / MY button
- D. Press down / off / close
- F. Indicator lights for operating the keys and the channel selection button
- G. Channel selection button
- H. PROG test

Remote control details:

Channels:	5
Battery type:	2430 Lithium
Battery voltage:	3V
Thickness:	22mm
Width:	49mm
Height:	145mm
Colour:	White
Radio frequency:	433.42 MHz
Radio range:	20m through walls
Protection rating:	IP30
Details:	Shock-resistant / For indoor use



1. Programming the LED lighting

Step 1

Switch on the power.

Step 2

Decide which channel on the remote control you want to connect the LED lighting to. Make sure the remote control is set to the correct channel.

Step 3

Connecting cable group 1

Press the Up and Down buttons simultaneously; an LED light will come on and then go off. Briefly press the PROG button on the remote control. The LED light will come on and then go off.

The remote control for this LED lighting has been registered.

Step 4

Connecting cable group 2

Make sure the remote control is set to the same channel as in step 3. Press the Up and Down buttons simultaneously; an LED will light up and then go out. Briefly press the PROG button on the remote control. The LED will light up and then go out.

The remote control for this LED lighting has been registered.

Resetting the lighting settings

Step 1

Switch off the power supply for 4 seconds.

Step 2

Switch the power back on for approximately 10 seconds (minimum 5 seconds and maximum 15 seconds).

Step 3

Switch off the power supply for 4 seconds.

Step 4

Switch the mains power back on. All the LED lights will come on and then go off again.

Step 5

Press the PROG button on the remote control until all the LED lights flash twice and then go out. The receiver has been reset to its original settings

The lighting has been removed from the channels on the remote control.



6.11 Fitting L-profiles to the projection gutters

Step 1

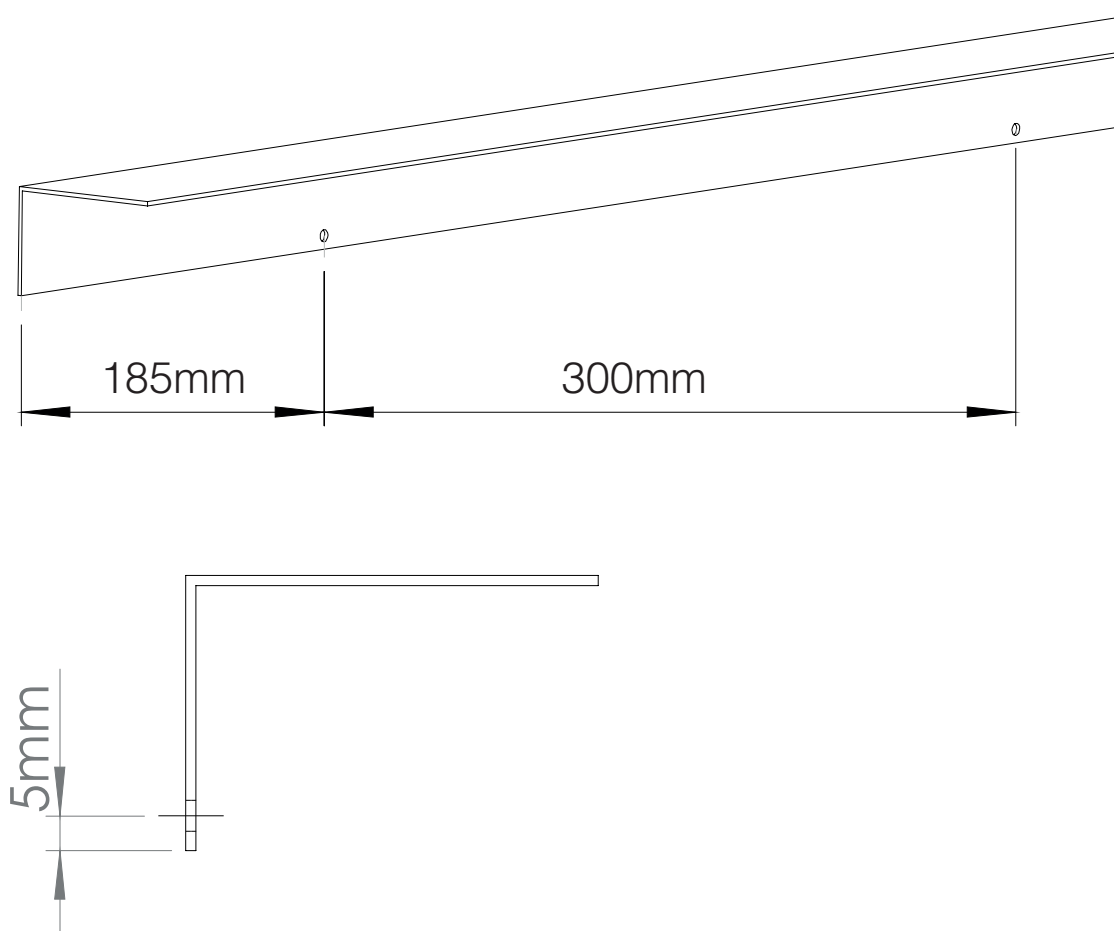
Saw the L profiles for the projection to the dimensions indicated in the table below, matching the dimensions of the carport you are going to build.

Carport dimensions: Width x Projection in mm	L-shaped projection bracket (x2)
3000 x 3000	2986
3124 x 3000	2986
3500 x 3000	2986
4000 x 3000	2986
4088 x 3000	2986
5052 x 3000	2986
6016 x 3000	2986
3000 x 3500	3486
3124 x 3500	3486
3500 x 3500	3486
4000 x 3500	3486
4088 x 3500	3486
5052 x 3500	3486
6016 x 3500	3486
3000 x 4000	3986
3124 x 4000	3986
3500 x 4000	3986
4000 x 4000	3986
4088 x 4000	3986
5052 x 4000	3986
6016 x 4000	3986
3000 x 4000	5038
3124 x 4000	5038
3500 x 4000	5038
4000 x 4000	5038
4088 x 4000	5038
5052 x 5052	5038
6016 x 5052	5038



Step 2

Drill holes in the short side of the L profile. Drill the holes using a 4.5 mm drill bit with a spacing of 300 mm and 5 mm from the edge. The first hole starts 185 mm from the edge, the last hole ends 185 mm from the edge.





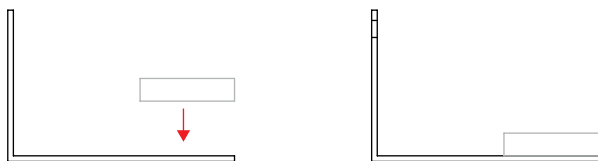
Step 3

Apply EPDM foam along the entire length of the L profiles for the projection gutters. See the images below for the correct position.

Please note: Depending on the width, the EPDM foam on the L-profiles for the eaves gutter must be positioned differently. Please refer to the image below to see which situation applies to you.

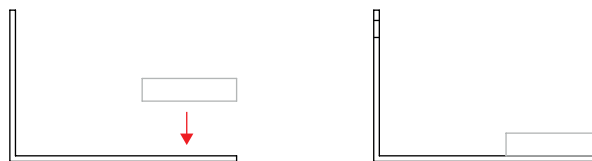
Carport width:
3124, 4000 and 5052

2x



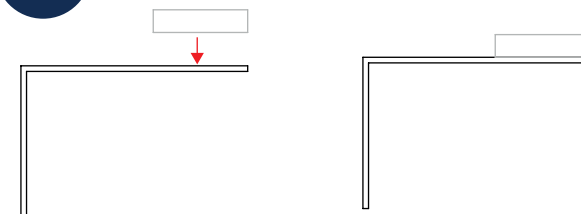
Carport width:
3000, 3500, 4088, and 6016

1x



Place the EPDM foam on the inside of one L profile, on the long side. Mark this L profile as A.

1x



Place the EPDM foam on the outside of one L profile, on the long side. Mark this L profile as B.

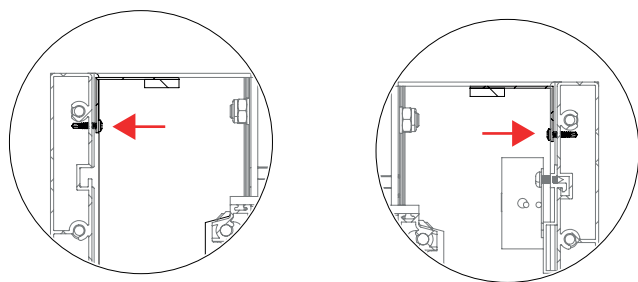


Step 4

Screw the L-profiles onto the projection gutters. Use the 4.2 x 19 mm screws for this.

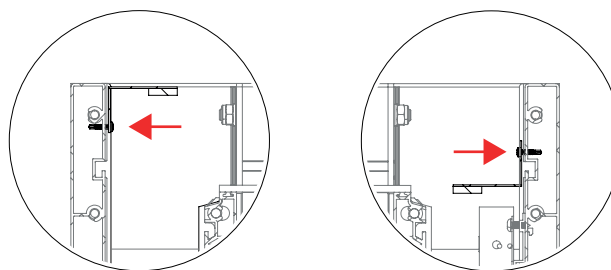
Please note: Depending on the width, the L-profiles must be screwed onto the gutters in a different way. See the image below to determine which situation applies to you.

Carport width:
3124, 4000 and 5052



Fit the L-profiles to the eaves gutters.
Position both L-profiles 3 mm below the top of the gutter.

Carport width:
3000, 3500, 4088, and 6016



Mount the L profiles onto the projection gutters.

Place L profile A 3 mm below the top edge of the gutter.

Place L profile B 50 mm below the top edge of the gutter (this is mounted on the same gutter as the electrical connection).

Attention! The L profile above the electrical connection has a different orientation for the carport widths mentioned above. See the image above for the correct orientation.



6.12 Installing roofing sheets

Step 1

Certain sizes of the Pinela Delight carport require a fitting piece. This fitting piece ensures a good seal against the gutter. To create this fitting piece, you will need to cut one roofing sheet to size using a snip-off shears. The table below shows which carport sizes require a fitting piece.

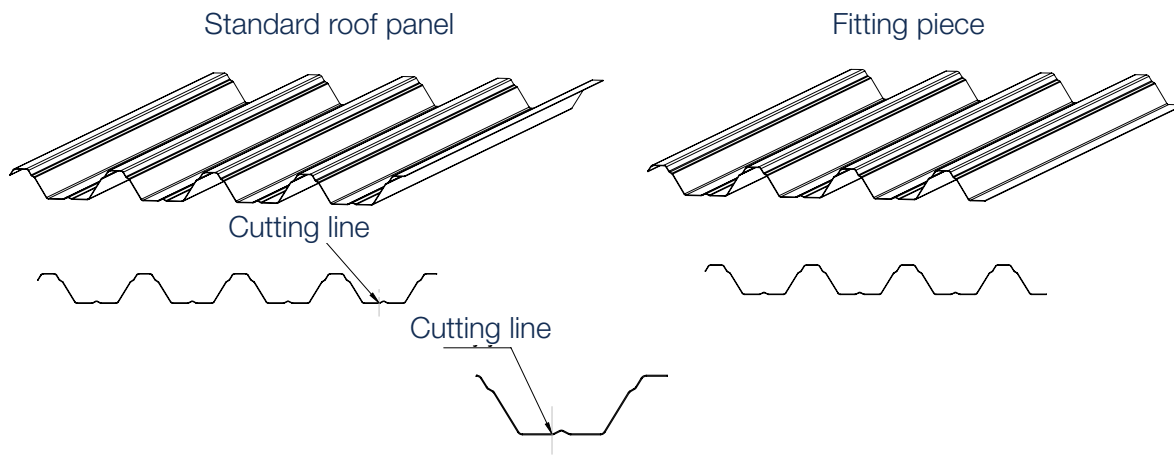
Carport dimensions (Width x Projection)	Fitting piece YES / NO
3000 x 3000	YES
3124 x 3000	NO
3500 x 3000	YES
4000 x 3000	NO
4088 x 3000	YES
5052 x 3000	NO
6016 x 3000	YES
3000 x 3500	YES
3124 x 3500	NO
3500 x 3500	YES
4000 x 3500	NO
4088 x 3500	YES
5052 x 3500	NO
6016 x 3500	YES
3000 x 4000	YES
3124 x 4000	NO
3500 x 4000	YES
4000 x 4000	NO
4088 x 4000	YES
5052 x 4000	NO
6016 x 4000	YES
3000 x 5052	YES
3124 x 5052	NO
3500 x 5052	YES
4000 x 5052	NO
4088 x 5052	YES
5052 x 5052	NO
6016 x 5052	YES



Step 2

Make a fitting.

Cut a standard roofing sheet to size to create a custom-fit piece. Do this using a notching shears by notching away the sheet along the cutting line, as shown below.

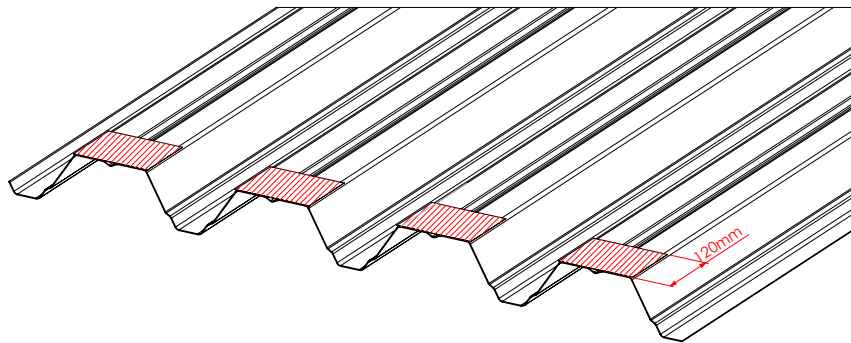


Step 3

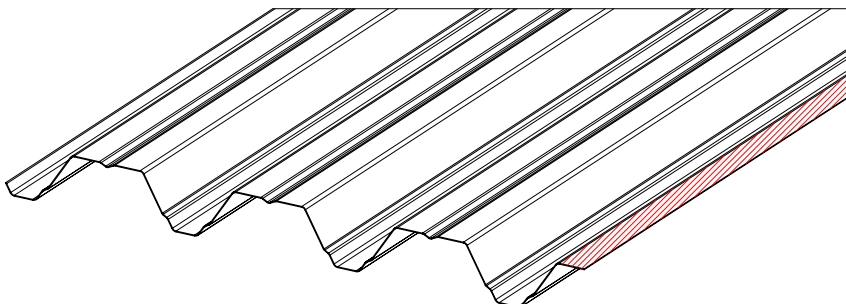
Finishing spray for boards.

Spray the felt/underside of the roofing sheet with the waterproofing spray.

Do this at both ends on the surfaces where the sheet meets the gutter and 120 mm from the edge.



If you're using a filler piece, make sure to spray the cut edge of the sheet as well.



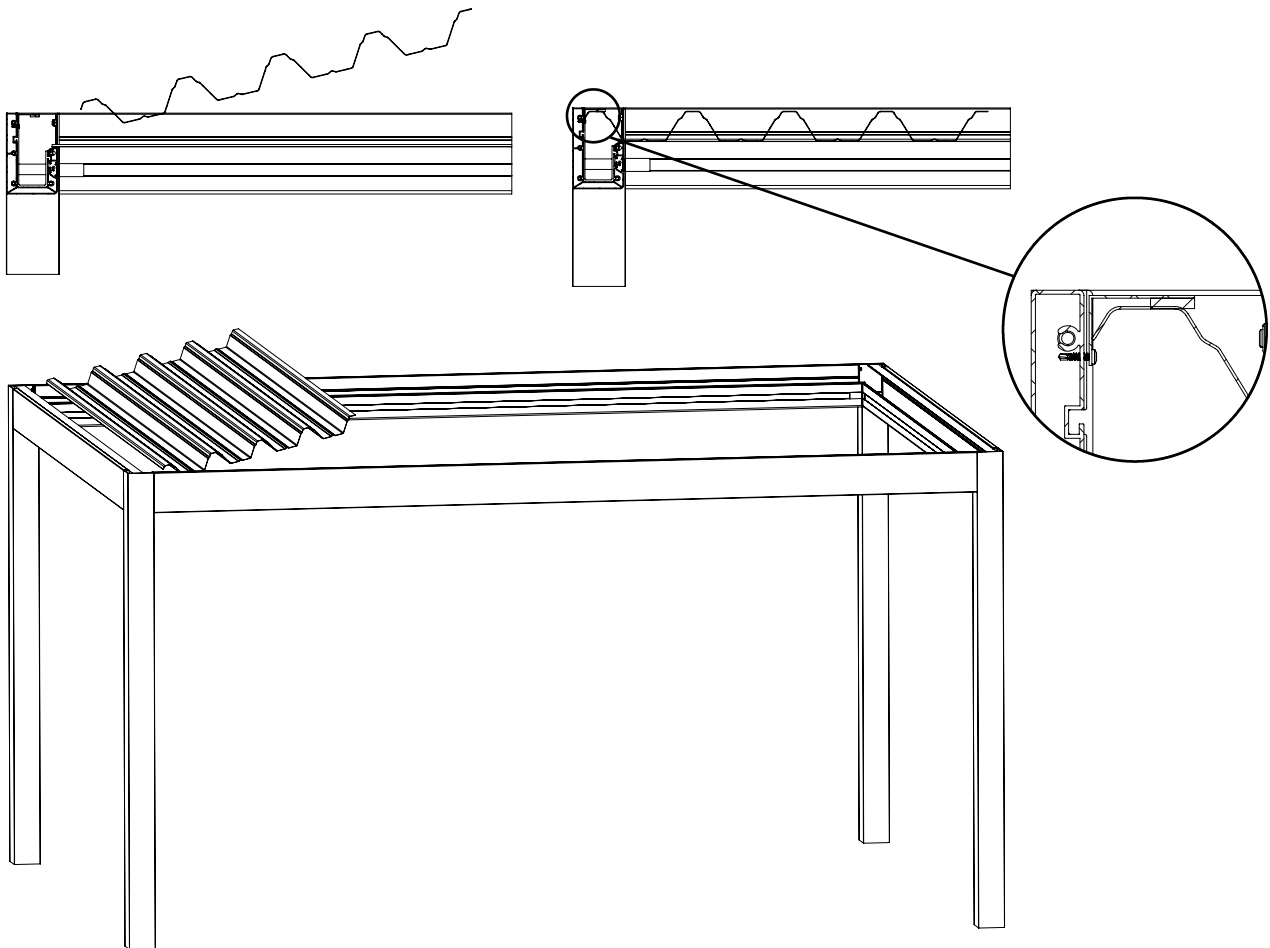


Is your carport one of the following widths: 3000, 3500, 4088, or 6016?
If you haven't already done so, make sure the last panel is cut to size using the trimmer.
You can find out how to do this in section 6.12, 'Preparing roofing sheets'.

Step 4

Place the first roofing sheet under the L-profile on the side without electrical wiring.
Do this by lifting the panel out from under the L-profile and then sliding the roofing sheet as close as possible against the L-profile.

Please note: Make sure the panel is parallel to the gutter.

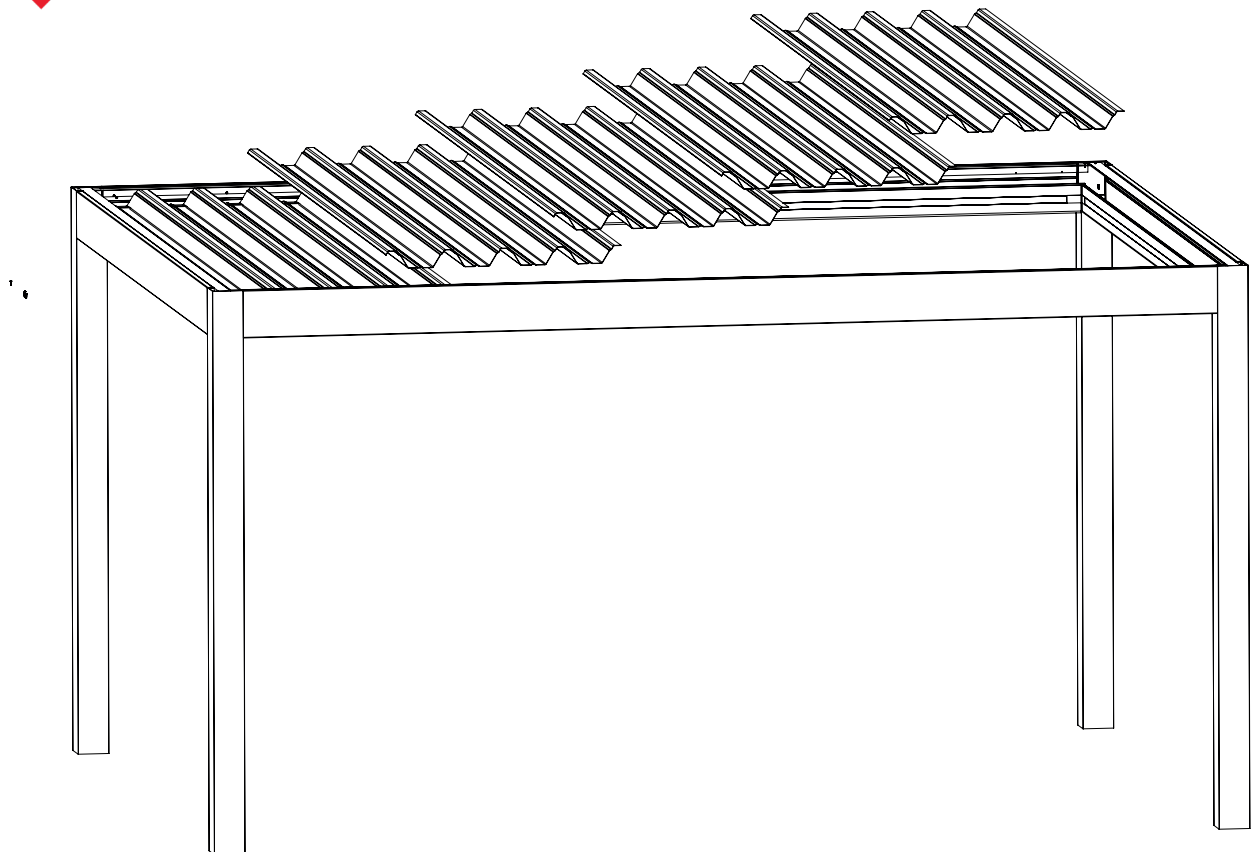




Step 5

Install the remaining roofing sheets, except for the last one.
Make sure the sheets always overlap by one corrugation.

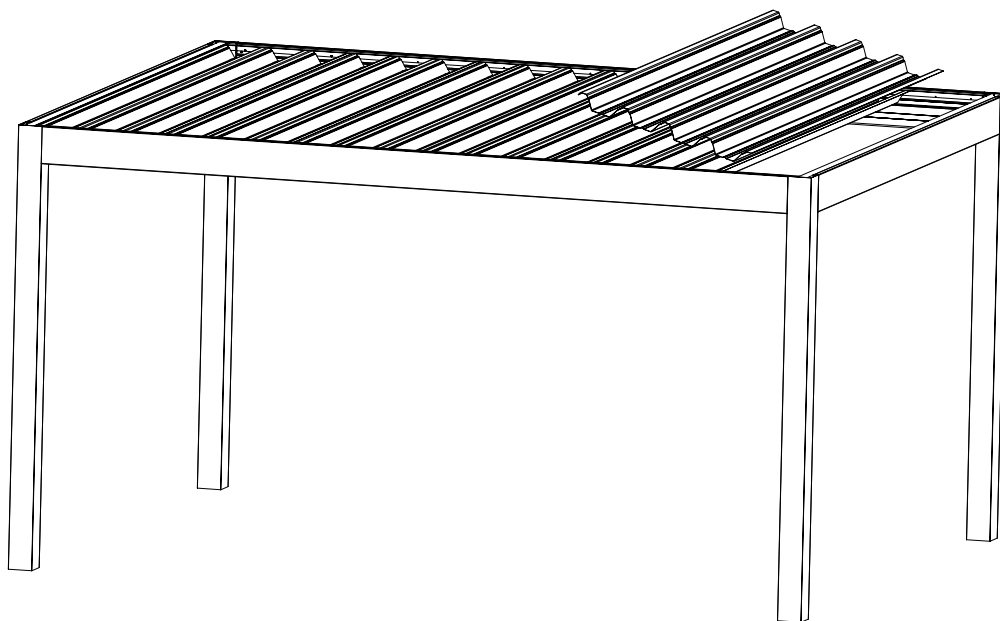
Please note: Ensure that the panels are parallel to the gutter.



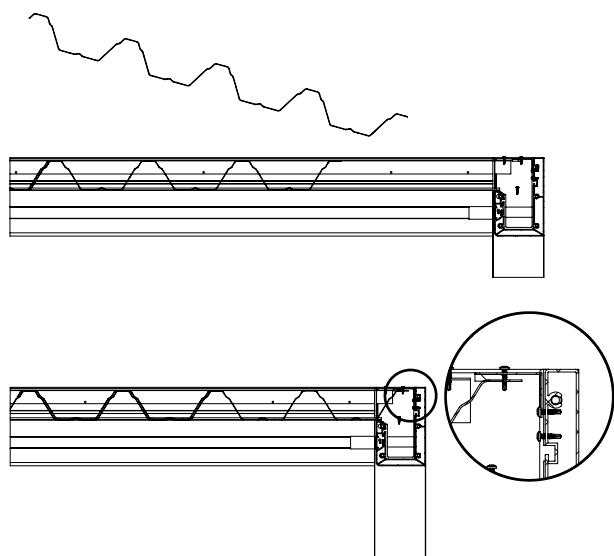


Step 6

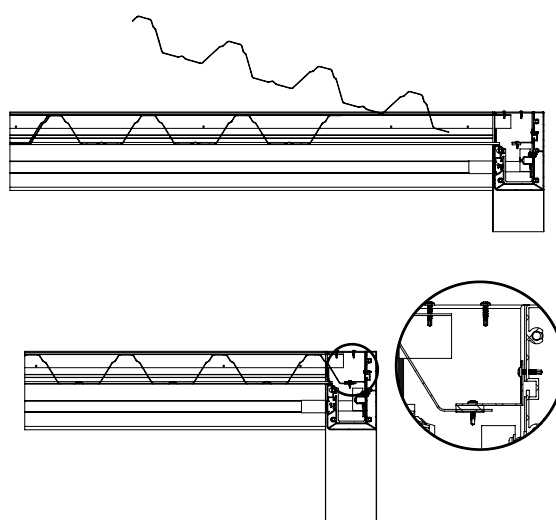
Place the final roofing sheet. First, slide it under the L-profile, then over the other roofing sheet. There may be more than one corrugation overlap.



Carport width:
3124, 4000 and 5052

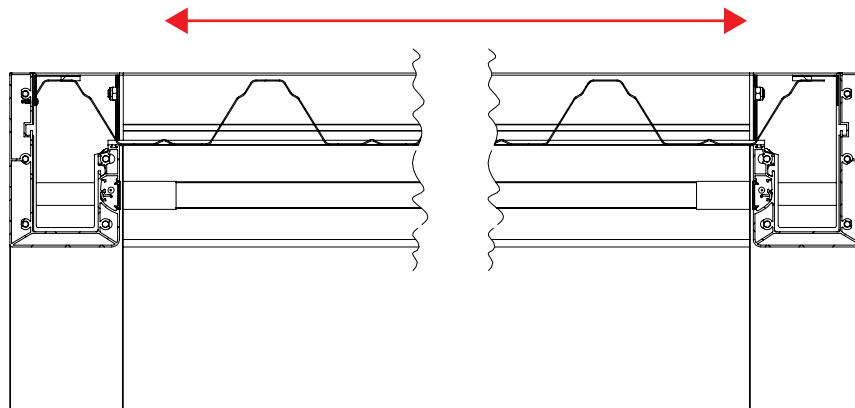


Carport width:
3000, 3500, 4088, and 6016



If necessary, you can slide the roofing sheets so that they fit more easily under the L-profile.

Please note! Make sure the roofing sheets are parallel to the eaves.





6.13 Fitting the L-profiles across the width.

Step 1

Saw the L profiles for the width to the dimensions indicated in the table below, matching the dimensions of the carport you are going to build.

Carport dimensions: Width x Projection in mm	L-profile width (x2)
3000 x 3000	2899
3124 x 3000	2935
3500 x 3000	3399
4000 x 3000	3811
4088 x 3000	3987
5052 x 3000	4863
6016 x 3000	5915
3000 x 3500	2899
3124 x 3500	2935
3500 x 3500	3399
4000 x 3500	3811
4088 x 3500	3987
5052 x 3500	4863
6016 x 3500	5915
3000 x 4000	2899
3124 x 4000	2935
3500 x 4000	3399
4000 x 4000	3811
4088 x 4000	3987
5052 x 4000	4863
6016 x 4000	5915
3000 x 4000	2899
3124 x 4000	2935
3500 x 4000	3399
4000 x 4000	3811
4088 x 4000	3987
5052 x 5052	4863
6016 x 5052	5915

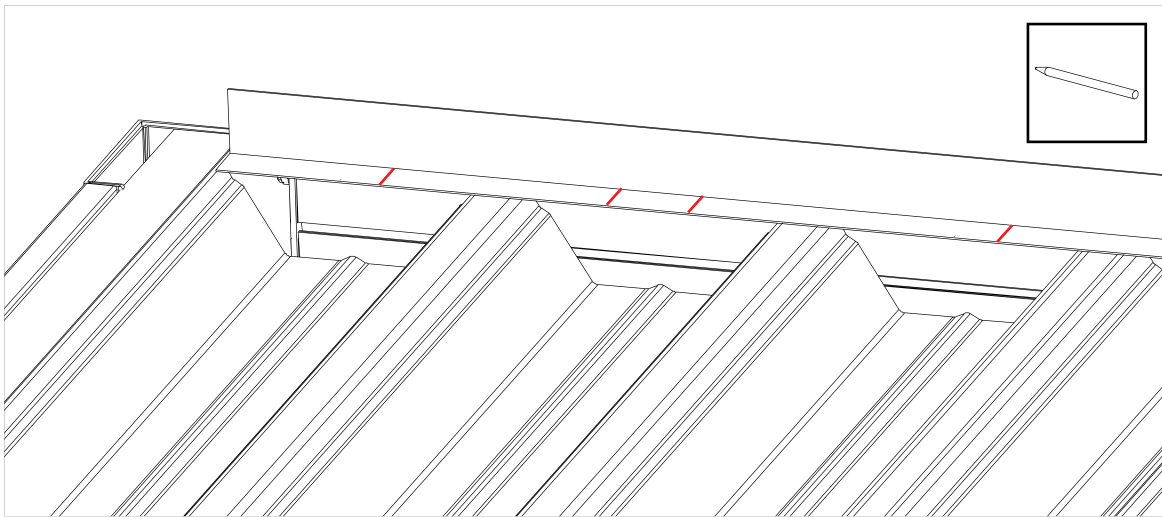
Step 2

Place the L profile with the short side on the roof sheets and the long side against the gutter.

Then mark on the L profile where the holes will be predrilled.
Make sure that 6 holes per metre are always marked.

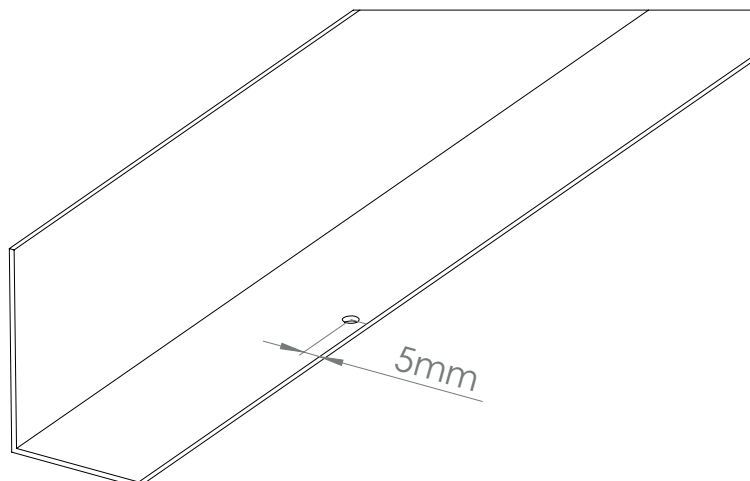
Start by marking one hole at the centre of the first lower corrugation.
Then mark two holes in the next lower corrugation, evenly spaced across the corrugation.
In the following lower corrugation, mark one hole again. Repeat this pattern along the full length of the profile, creating a 1 2 1 2 1 pattern.

Then repeat these steps for the L profile on the other side.



Step 3

Drill (where you have marked) 4.5 mm diameter holes in the short side of the L-profiles, 5 mm from the edge.





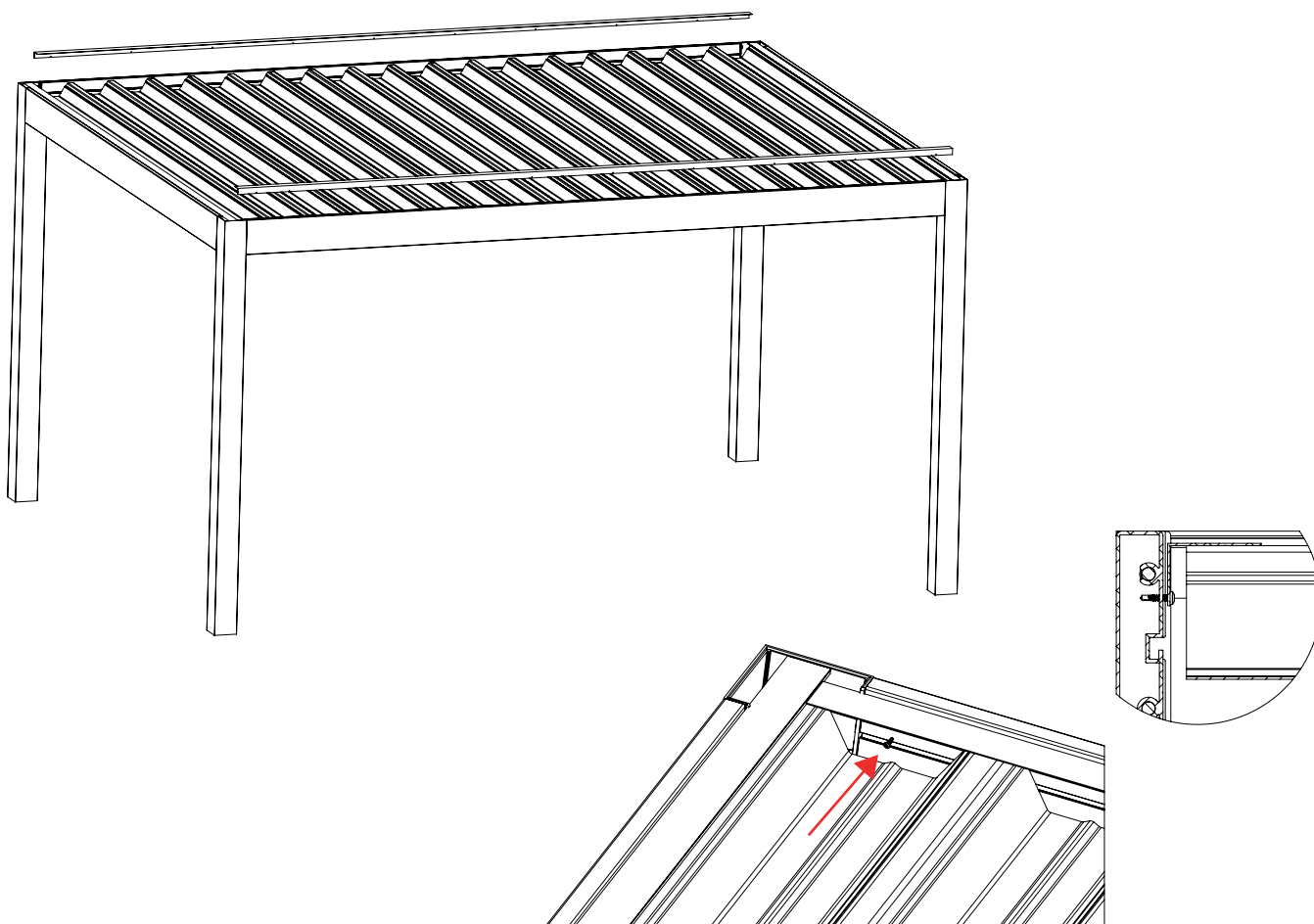
Step 3

Place the L profiles on the roof sheets and against the gutter.

Press the L profiles firmly against the roof sheets and the gutter, then screw them to the gutter using the 4.2 x 19 screws.

Always use 6 screws per metre for each L profile.

Note! Make sure the roof sheets are pressed down properly.



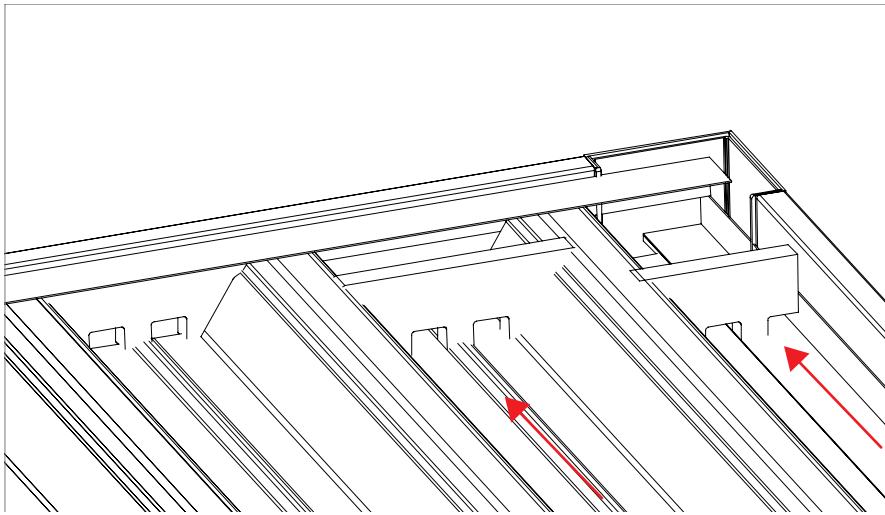


6.14 Finishing

Step 1

Place the foam blocks in each corrugation of the roofing sheets. Slide them under the L-profile and up against the gutter.

If necessary (for widths of 3000, 3500, 4088 and 6016), cut the foam blocks to size.



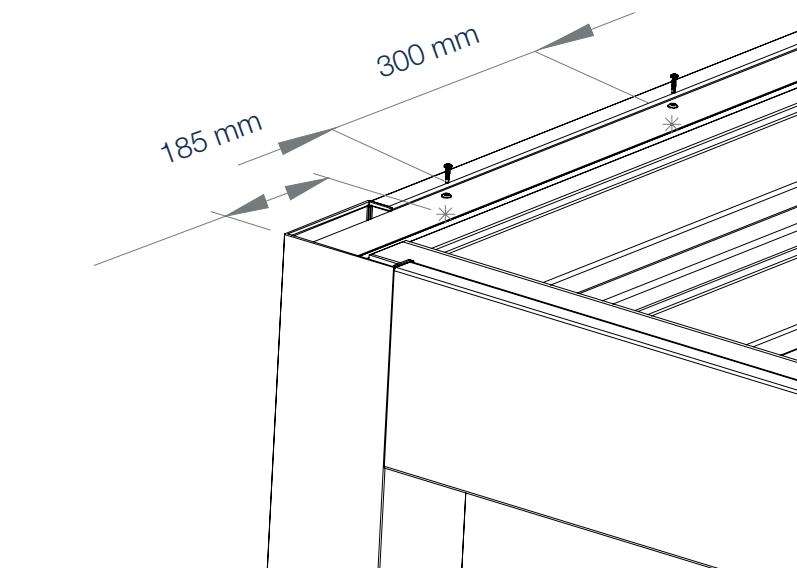
Step 2

Screw the two end L-profiles to the first and last roofing sheets using 4.2 x 19 mm screws.

Use the 4.2 mm sealing ring around the screw.

First, pre-drill both holes using a 3mm drill bit.

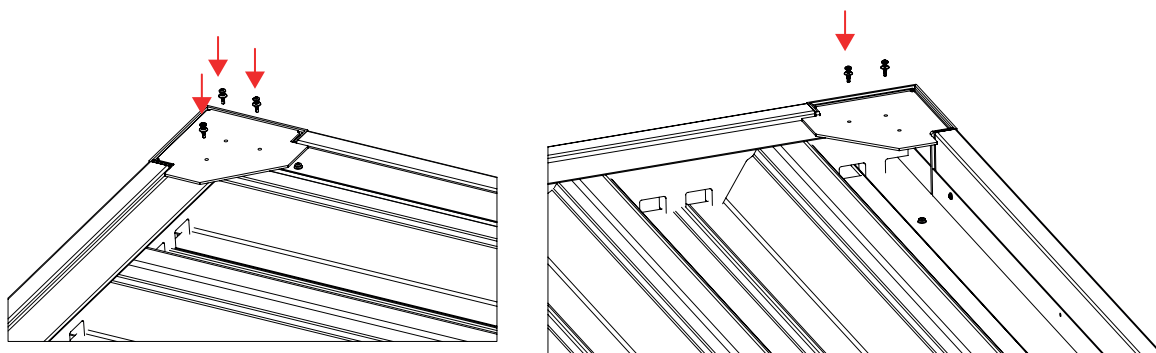
Start and finish 185 mm from the outer edge of the posts, with a spacing of approximately 300 mm between them



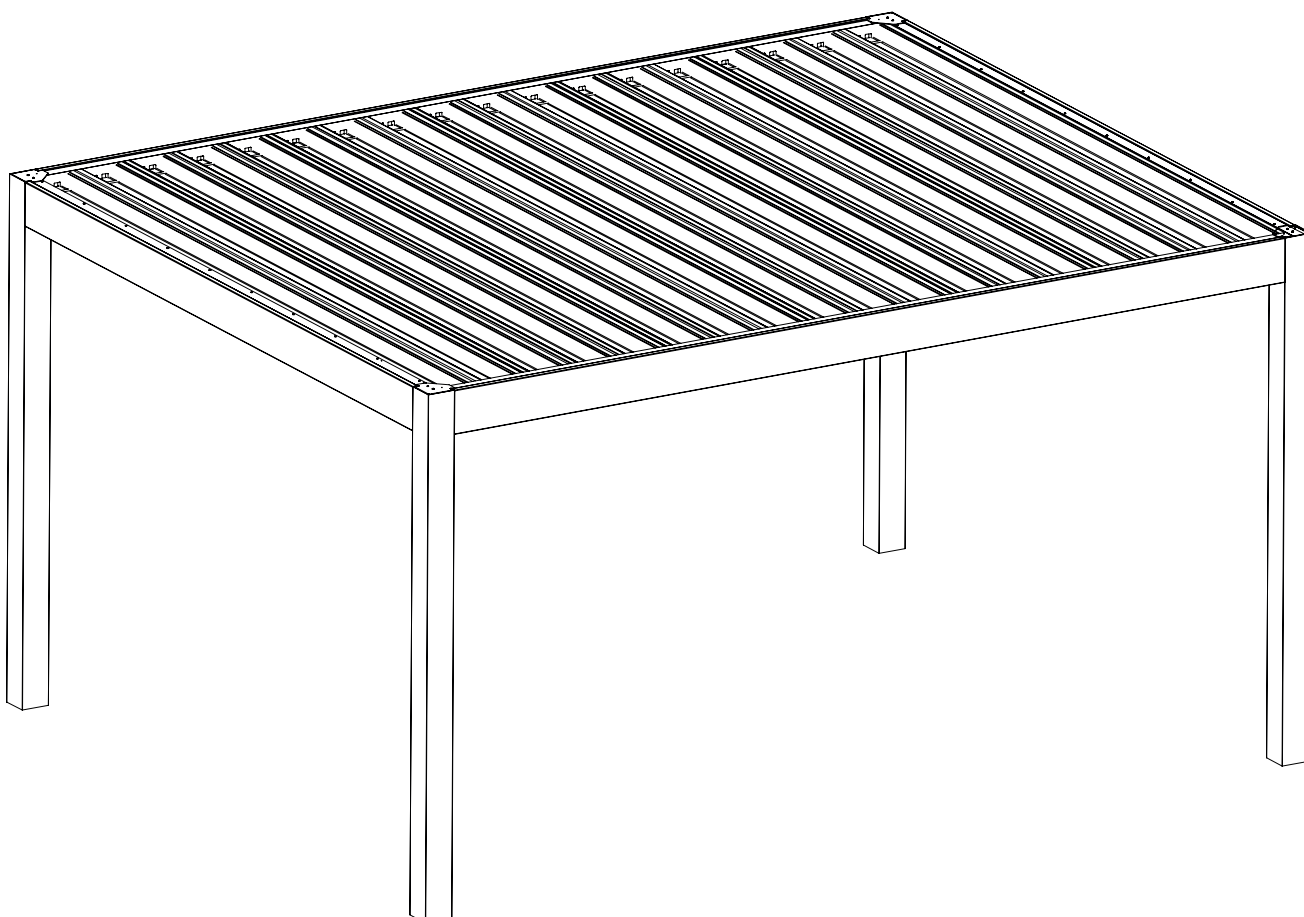


Step 3

Screw the cover caps (x4) for the posts onto the L profiles using ST 4.2 x 19 mm screws and sealing washers.



Congratulations! The Pinela Delight Carport is ready!





7. Maintenance

We recommend that you perform maintenance and clean this carport at least once a year. Check that the screws are still tight.

Aluminium profiles and Roof panels that have become dirty can be cleaned using lukewarm water and a cleaning product.

- Use a soft brush or sponge.
- Please note: never use abrasive cleaners, harsh solvents or high-pressure washers.
- Rinse thoroughly with plenty of water and then wipe dry with a soft cloth.
- Never use a high-pressure washer

Deponti B.V. stocks a special cleaning product.

8. Disposal of waste

Dispose of the product in accordance with local laws and regulations.

9. Warranty conditions

Warranty conditions subject to Deponti's general terms and conditions. These can be found on our website at www.deponti.com.

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

Powder coating (standard aluminium parts)	5 years*
Remote controls and receivers	2 years
Electrical	2 years
LED lighting	2 years
Roofing sheets	2 years

*The powder-coated finish on aluminium parts is guaranteed for two years provided the product is installed in a location where it is exposed to salt or chemical vapours (near ports, coastal areas and swimming pools).

10. Contact

Important: Your Deponti partner is your first point of contact for any questions or comments.



1231

Deponti
Rijnstraat 20a
5347KN Oss
NL

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

EN 1090-1:2009/A1:2011

PLC

Pinela Carport, Delight Carport
Canopy, Carport

Declared properties:

Tolerances on geometrical data:	EN 1090-3
Weldability:	NPD
Fracture toughness:	NPD
Reaction to fire:	NPD
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



 TUV NORD Nederland B.V. EN 1090-1 FPC CERTIFIED tuv.nl		Declaration of Performance
PLC		
Product Description: Intended use, or uses of the construction product: Name, registered trade name or registered trade mark and contact address of the manufacturer: Representative: System or systems of assessment and verification of constancy of performance of the construction product: Notified Body Certificaat Harmonized standard: Number and name of the notified body:	Pinela Carport, Delight Carport Canopy, Carport Deponti Rijnstraat 20a 5347KN Oss NL not applicable AVCP 2+ 1231-CPR-1090-1-2410-D-344 EN 1090-1:2009/A1:2011 1231 - TUV Nederland QA B.V.	
Declared properties: Tolerances on geometrical data: Weldability: Fracture toughness: Reaction to fire: Release of cadmium: Emission of radioactivity: Durability: <u>Structural characteristics:</u> Load bearing capacity: Deformation at serviceability limit state: Fatigue strength Resistance to fire: Manufacturing:	EN 1090-3 NPD NPD NPD NPD NPD NPD Load chart acc. to Eurocode 0, 1, 9 Acc. to maximum load charts NPD NPD 1090-3, EXC2	
The performance of the product identified above is in conformity with the declared performances. This declaration of performance is issued in accordance to Regulation (EU) no. 305/2011 under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:  K.J. Horck Head of R&D 5347KN Oss 30-04-2026		