



Installation manual

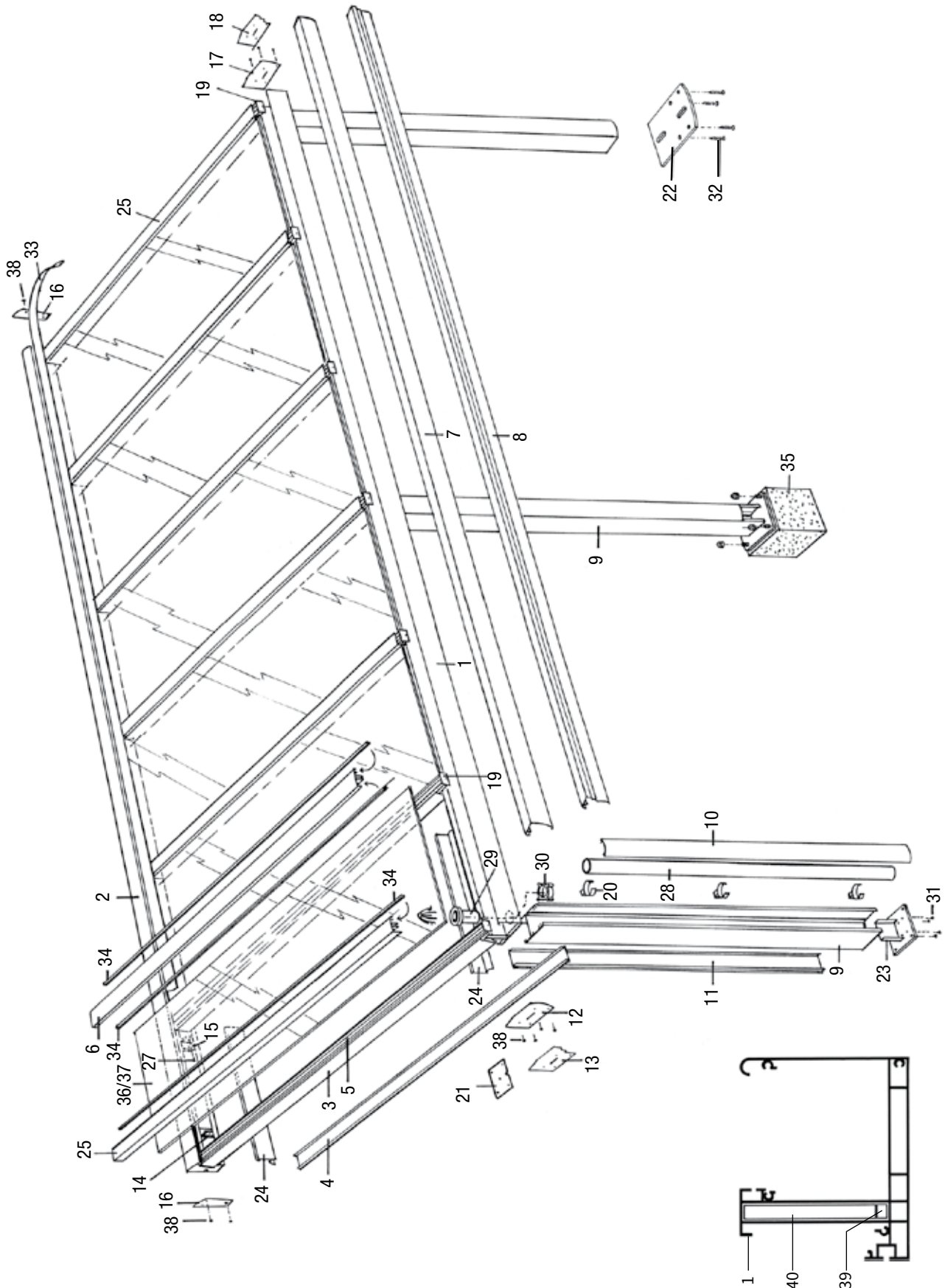
Veranda
V910 Garda

**Verano**[®]

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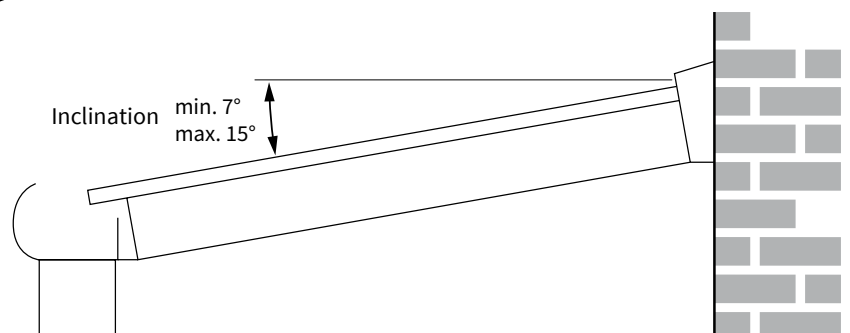
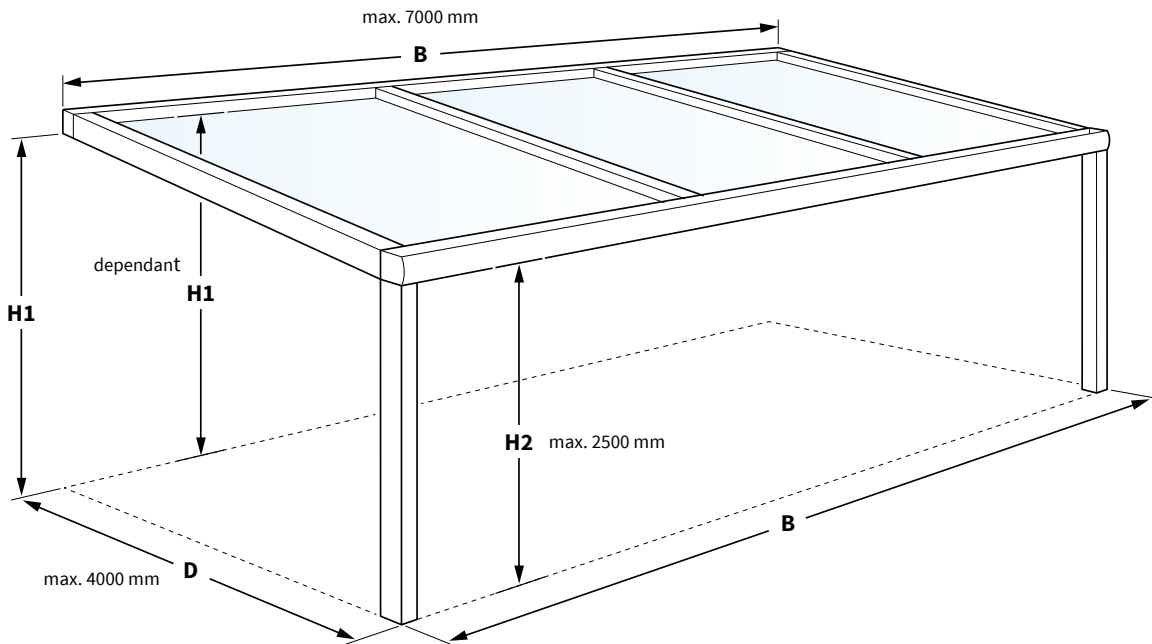
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Exploded view



Summary of the parts

- | | |
|--------------------------------------|---|
| 1. Gutter | 21. Drilling template gutter and upright |
| 2. Wall profile | 22. Mounting foot flat |
| 3. Beam profile | 23. Mounting foot V91 |
| 4. Click profile beam | 24. Click covering |
| 5. Plastic frame beam | 25. Top profile beam |
| 6. Covering frame | 26. Allen key screw M8 x 16 DIN 914 |
| 7. Top unit, standard | 27. Screw 4,8 x 25 DIN 7981 |
| 8. Top unit, rustica | 28. Pipe Ø 50 mm |
| 9. Upright | 29. Plastic grommet tube |
| 10. Upright, click front | 30. Nut for plastic grommet tube |
| 11. Upright, click back | 31. Screw 4,2 x 45 DN 7981 |
| 12. Side plate gutter, left | 32. Screw 4,2 x 45 DIN 7982 |
| 13. Side plate gutter rustica, left | 33. Rubber wall profile |
| 14. Mounting bracket beam, right | 34. Co-extrusion |
| 15. Mounting bracket beam, left | 35. Foundation foot |
| 16. Side plate wall profile | 36. Glass plate |
| 17. Side plate gutter, right | 37. Polycarbonate plate |
| 18. Side plate gutter rustica, right | 38. Screw 4,2x25 DIN 7981 |
| 19. Covering cap beam | 39. Rods for additional weight gutter (2 pieces 10 x 5) |
| 20. Clamping yoke, pipe Ø 50 mm | 40. Additional weight gutter (100x10) |



Required tools

- Drilling machine
- Metal drill
- Masonry drill
- Crosshead screwdriver
- Allen key set
- Tape measure
- Level
- Pencil
- Cutting plier
- Flathead screwdriver
- Silicone kit
- Rubber hammer

Important before installation

General warning

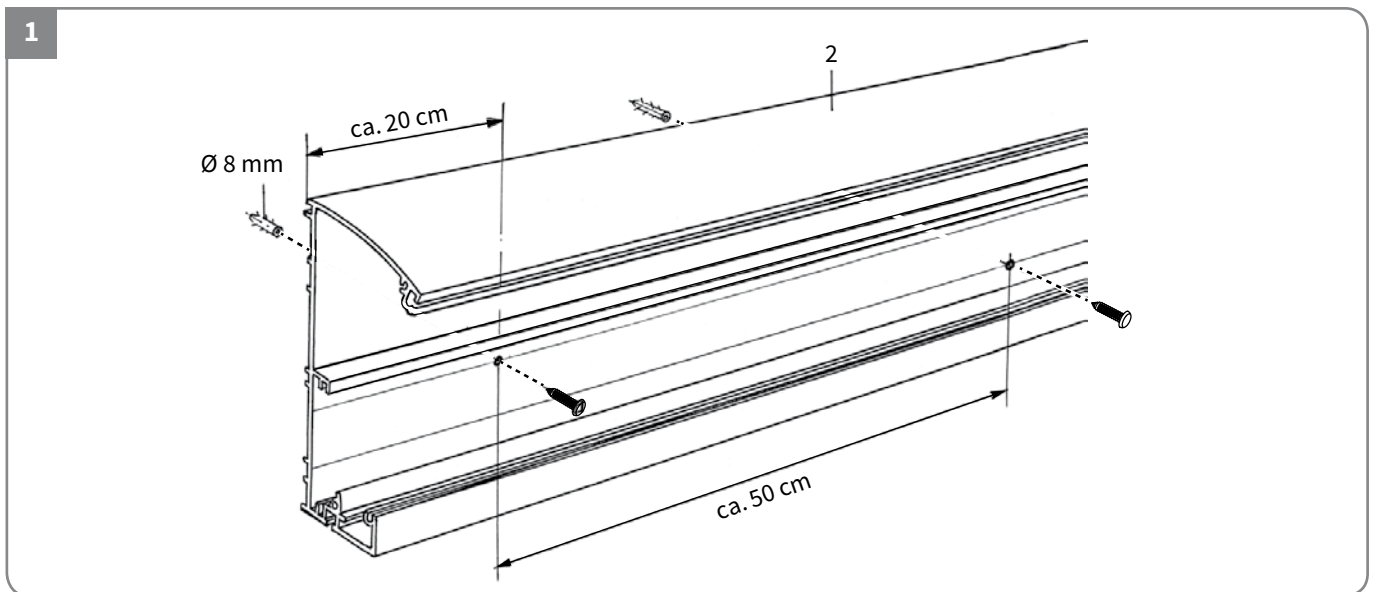
Installing the Verano® product yourself is at your own risk. Only use this instruction as a tool and for the installation of this specific Verano® product. If you cannot install the product yourself, you can always opt for professional installation. The installation team of Verano® is pleased to help you.

Be careful for damages

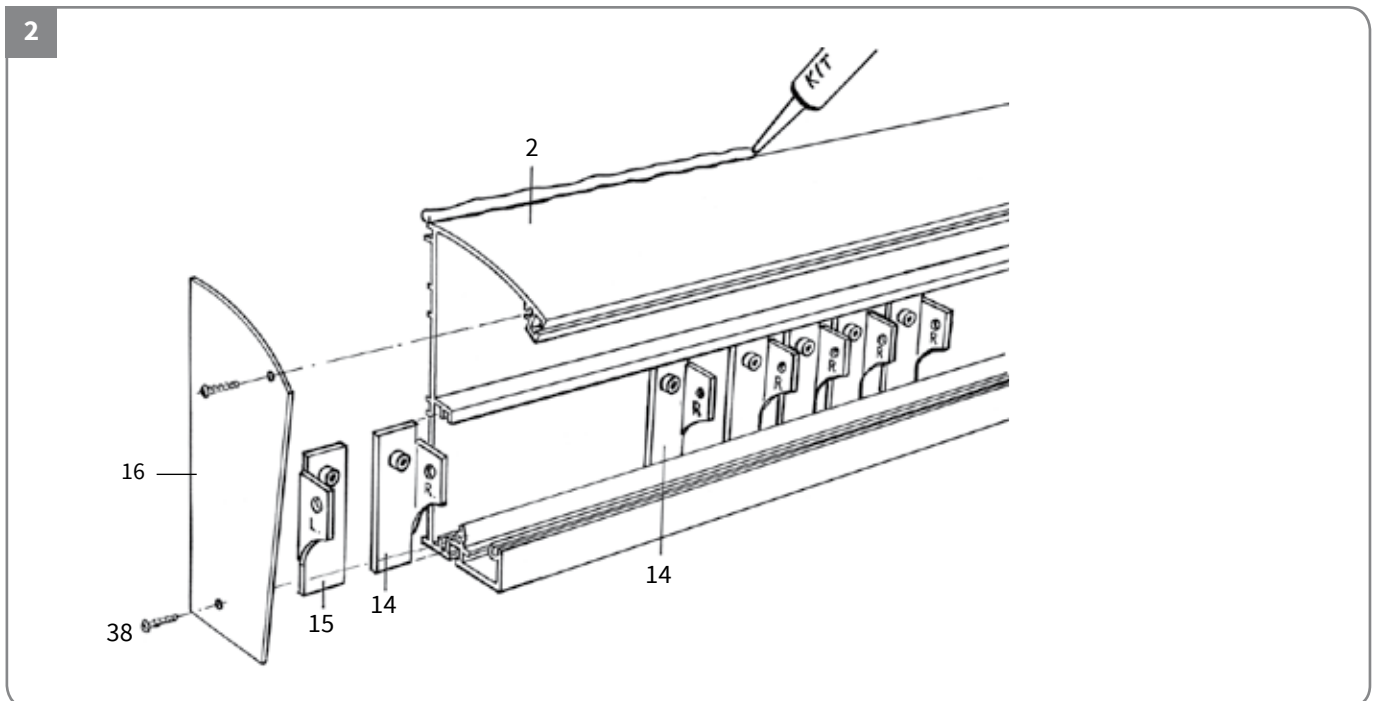
Don't use a knife or any other sharp object when opening the packing. This may cause damage to the content of the package. Put the content of the package on a soft surface. Be careful when drilling, falling drill cuttings can cause damages.

Check if the façade is flat.

1. Mounting the wall profile



- Drill holes in the wall profile (2), \varnothing 5 mm.
- Distance between the holes around 50 cm and switch up/down.
- Mark the holes on the wall and drill with a concrete drill 8 mm.
- Screw the wall profile (2) (screws and plugs are not included).



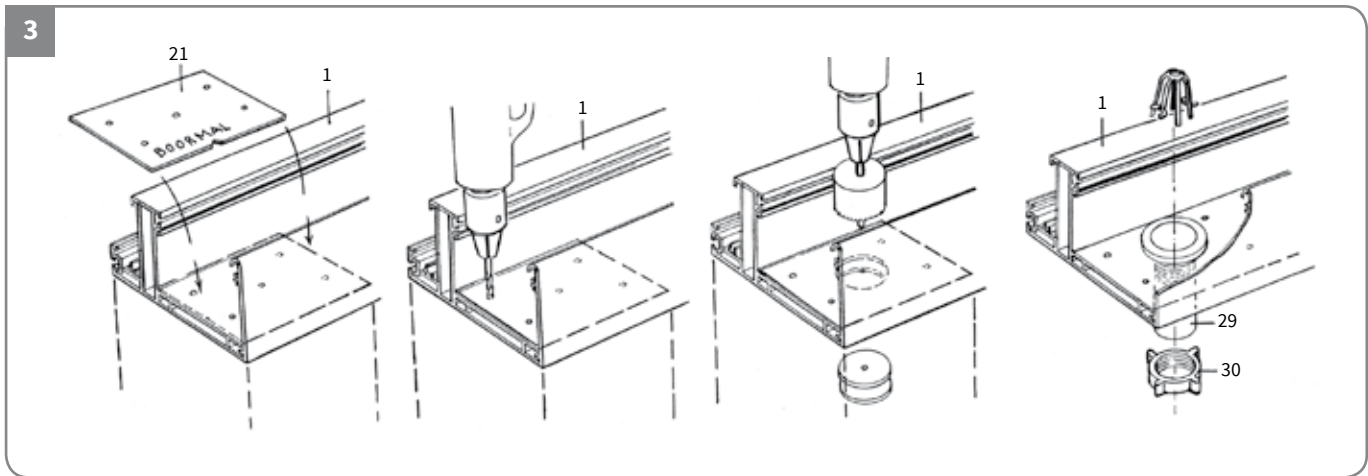
- Seal the top side.
- Slide the mounting brackets for the beams into the wall profile (2).

Attention!

One bracket for one beam: for the left beam, use the left bracket (15). Use the right brackets (14) for the remaining beams.

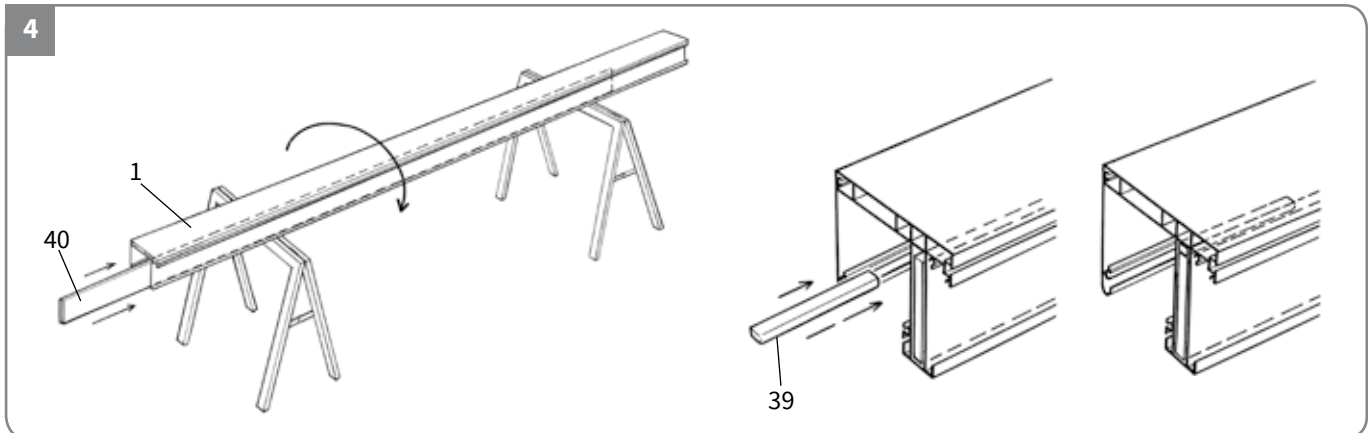
- Side plate wall profile (16) can be mounted with screws (38).

2. Fixing the gutter



Drilling the holes for the upright

- Use included drilling template (21). For the outer uprights, place the drilling template equal to the gutter ends. Drill 5 holes Ø4,0 mm.
- Drill the hole for the drainage Ø50 mm.
- Now install plastic grommet tube, possibly provided with sealing kit in advance. Tighten with nut for plastic grommet tube (30).

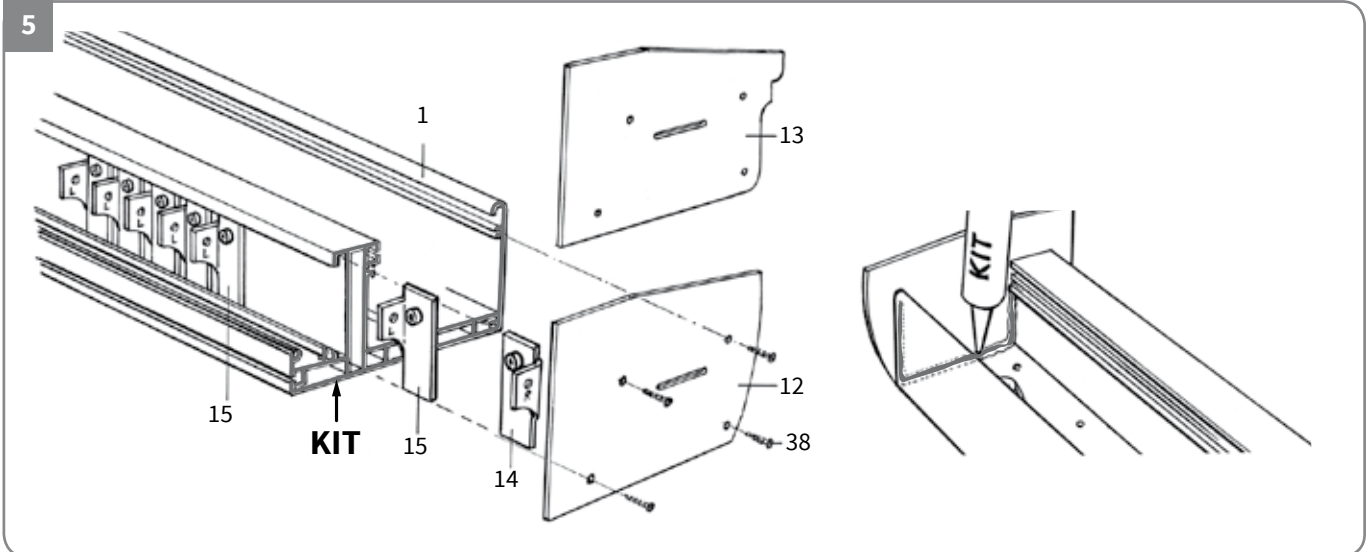


Applying additional weight in the gutter

To prevent bending of the gutter, you need to fill up the gutter with additional weight.

- Turn the gutter upside down.
- Slide the weight (40) into the gutter.
- Fill up, on both sides, with the rods (39).

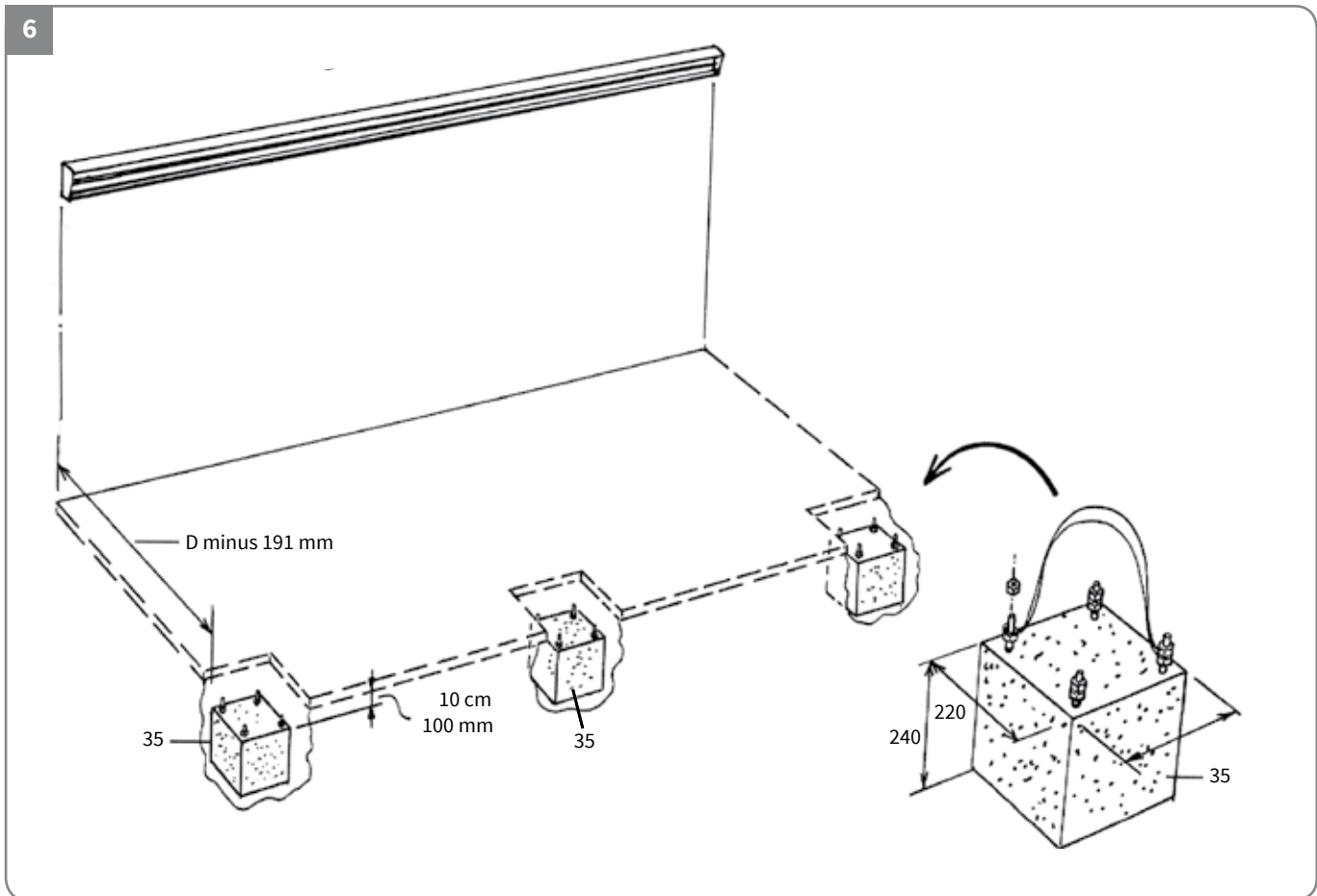
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Mounting brackets beam

- Slide the mounting brackets for the beams into the gutter profile (1). One right bracket (14). The remaining brackets are left brackets (15).
- Seal the sides of the gutter before you mount the side plates.
- The side plates gutter (12 or 13) can now be mounted. Screw tightly with screws (38).
- Seal the side plates on the inside of the gutter.

3. Foundation



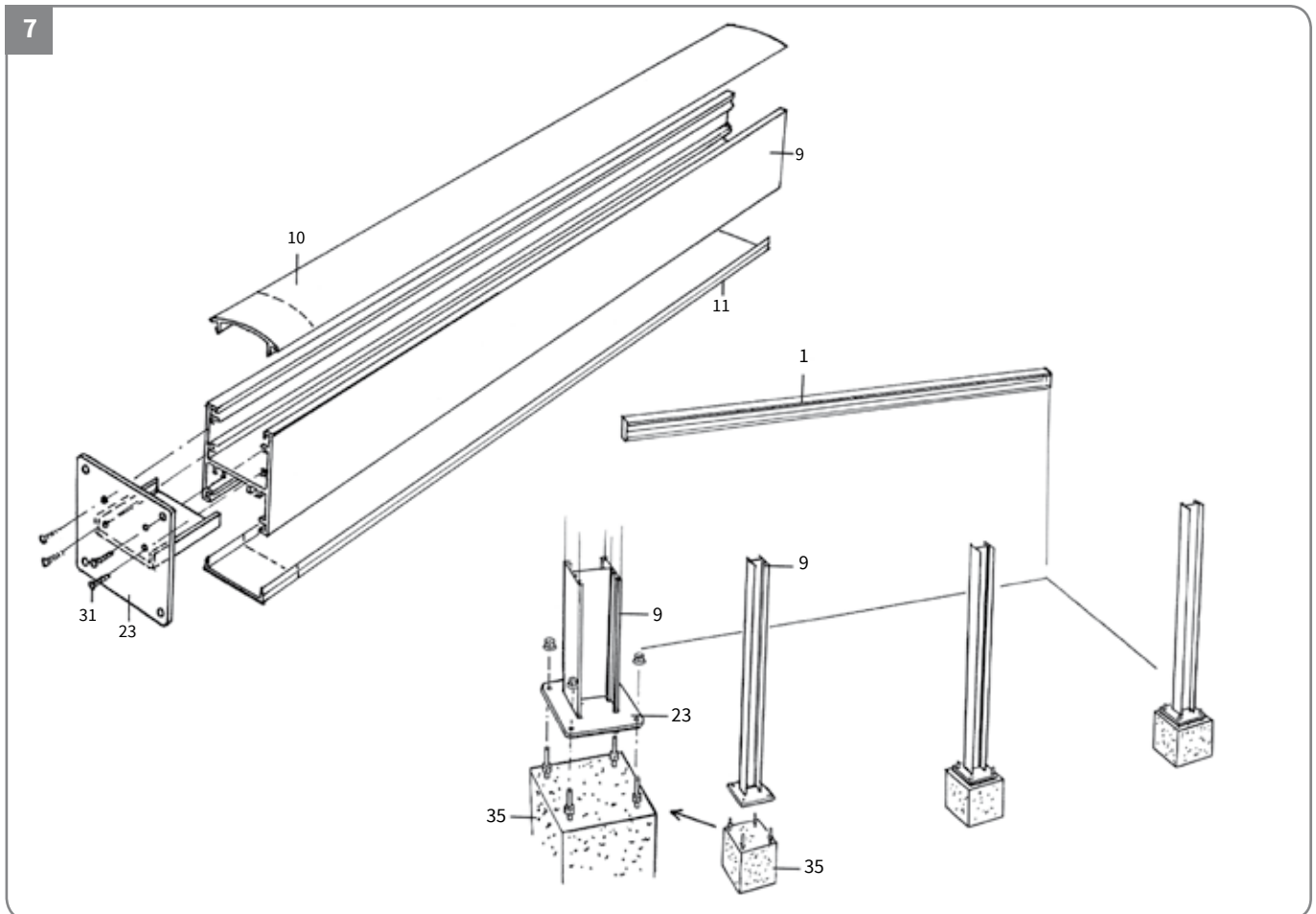
Placing the foundation blocks

This needs to be done carefully. The distance between the foundation blocks (35) and the wall is size D minus (-) 191 mm. You wrote down size D on your order form. We advise to place the foundation blocks around 10 cm (100 mm) below the terrace level.

(Pour extra concrete if needed. This depends on the type of soil on which the porch is installed).

Attention! Before the final placement of the foundation blocks, you need to mount the uprights, gutter and outside beams. Only then you know the specific position of the foundation blocks.

4. Mounting the uprights



The uprights are standard 250 cm long and must be custom made by you. The size of uprights (9) is 10 cm longer than size H2. You have quoted size H2 on your order form. This 10 cm is the distance from the terrace to the top of the foundation block.

Sawing the covering profiles to the right size

Because the upright (9) is set about 10 cm below the terrace level, the covering profiles (10) and (11) need to be sawed approximately 10 cm shorter. It is advisable to do this last. (See page 16).

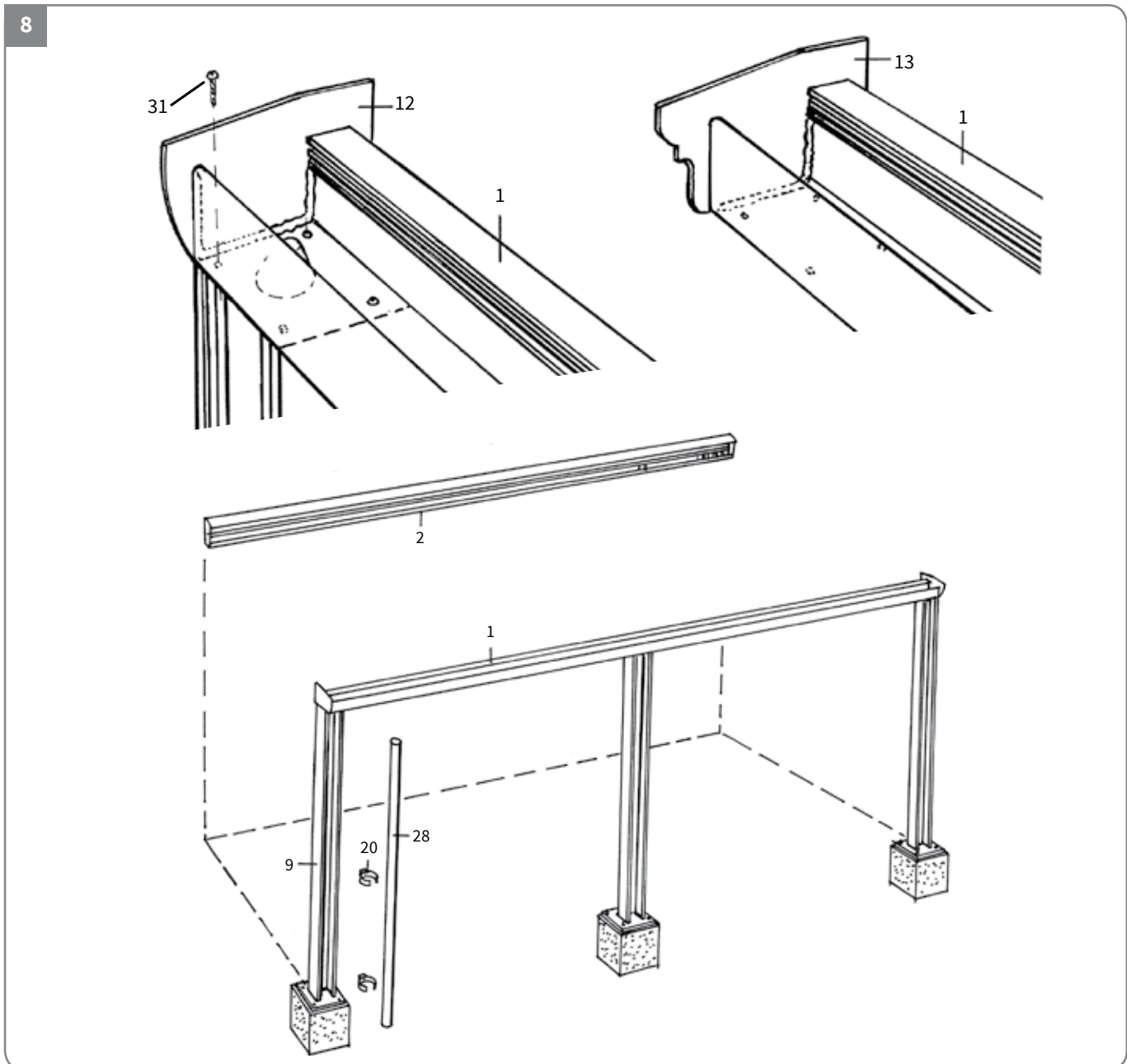
Mount uprights onto foundation blocks (35)

The foundation blocks have casted threaded ends with 2 nuts, in this way the uprights can be adjusted in height.

Mount footplates

Screw footplate (23) using screws (31) onto the upright (9).

5. Mounting the gutter



Mounting the gutter onto the uprights

The four drilled holes are positioned with the aid of the drilling template and fit exactly to the screw holes of the uprights (9).

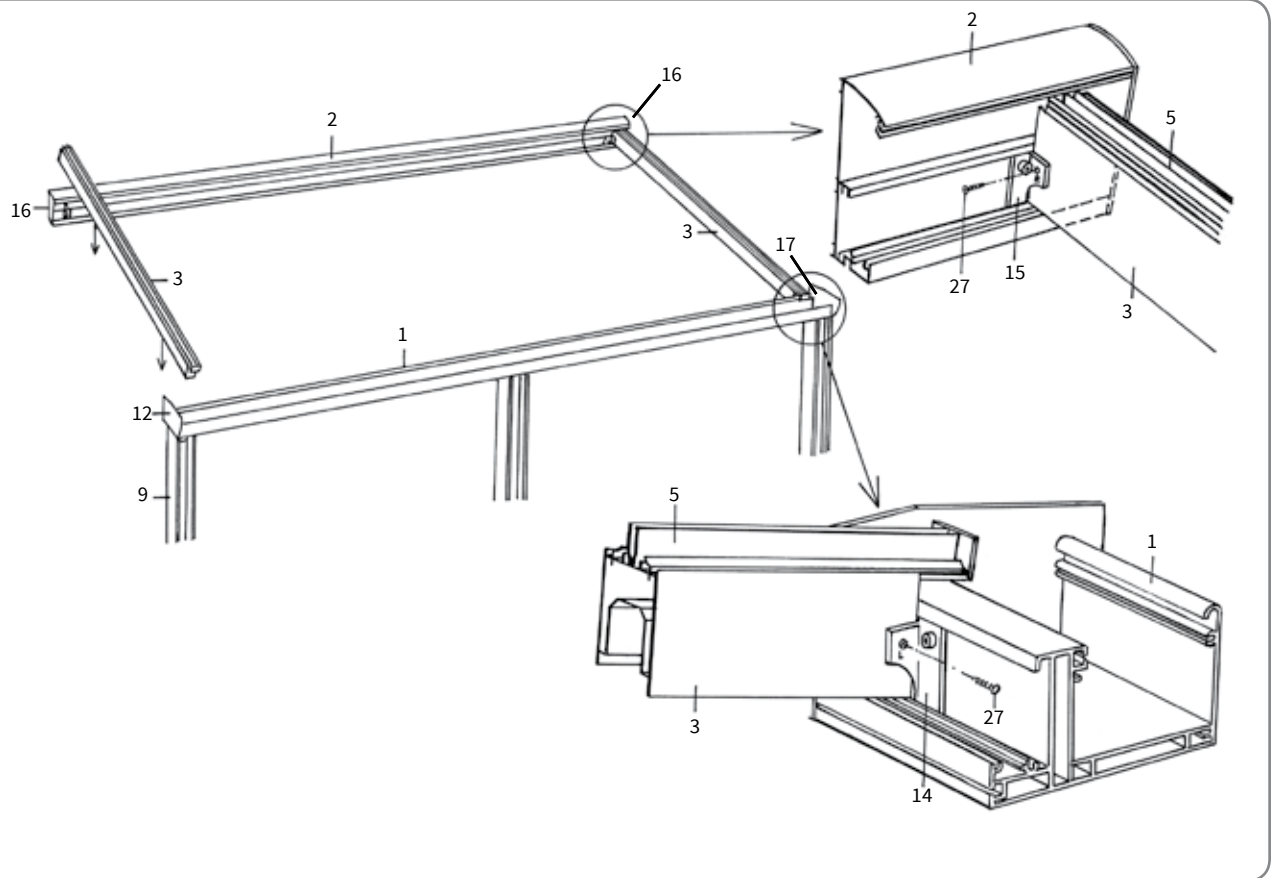
It is advisable to place the drainage pipe (28) before tightening the screws. 2 clamps (20) are required to do this. These clamps are screwed to the back of the upright. Drill $\varnothing 3$ mm holes in the middle of the upright to place the clamps.

Warning!

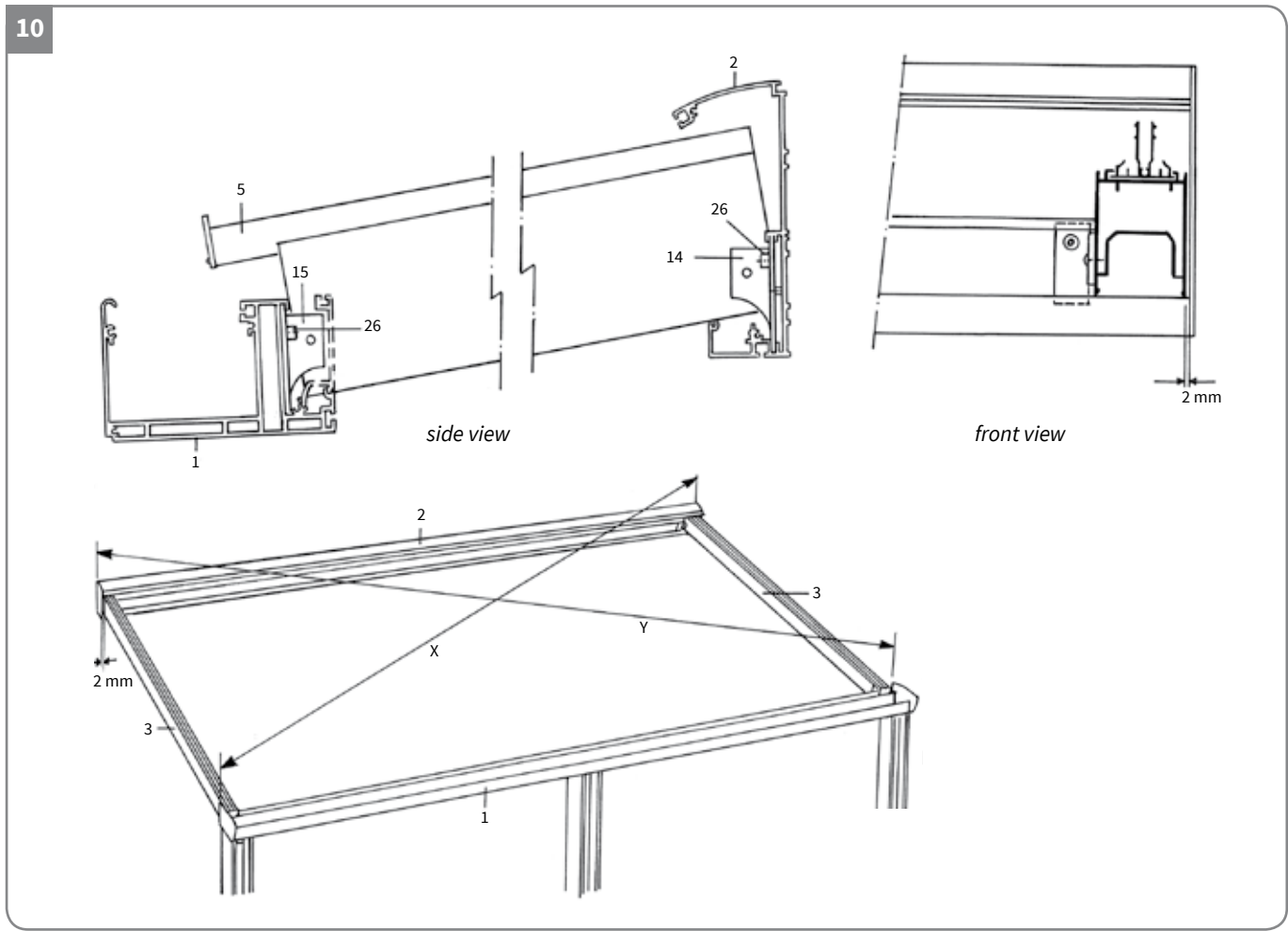
If the veranda is placed between two walls, and the overflow can no longer function, the drainage system must be fitted with an additional outlet. In this manner, the overflow of water can be prevented.

6. Laying the beams

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- The beams (3) are standard provided with a plastic glassbracket profile (5), which is already made to measure.
- The first step is the placement / mounting of the outer beams (3). Between the beams and the covering plates (12), (16) and (17) should be 2 mm space to install the 2mm thick top profile later on (See page 12).



Securing

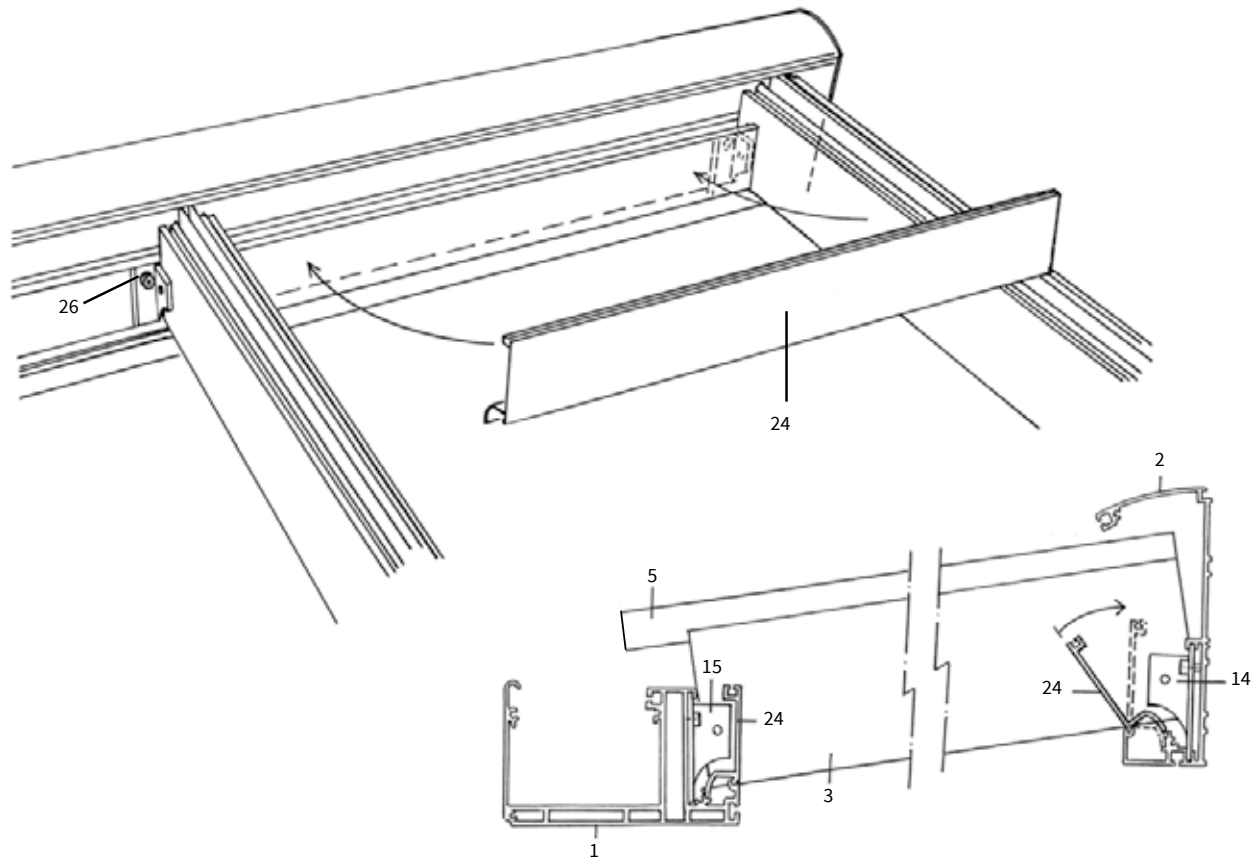
You will need the beams brackets to do this (15) or (14).

- First place the beams (3) in the right position (press to the wall profile).
- Then, drill the hole of the brackets (14) or (15) in the beam (3), Ø 4.5 mm diameter and fasten with screw (27).
- Now, using the allen key screw (26), secure the bracket.

Attention: 2 mm space between side plate of the wall profile and the outer beams.

After mounting the outer beams measure the construction diagonally. Size X and Y must be identical.

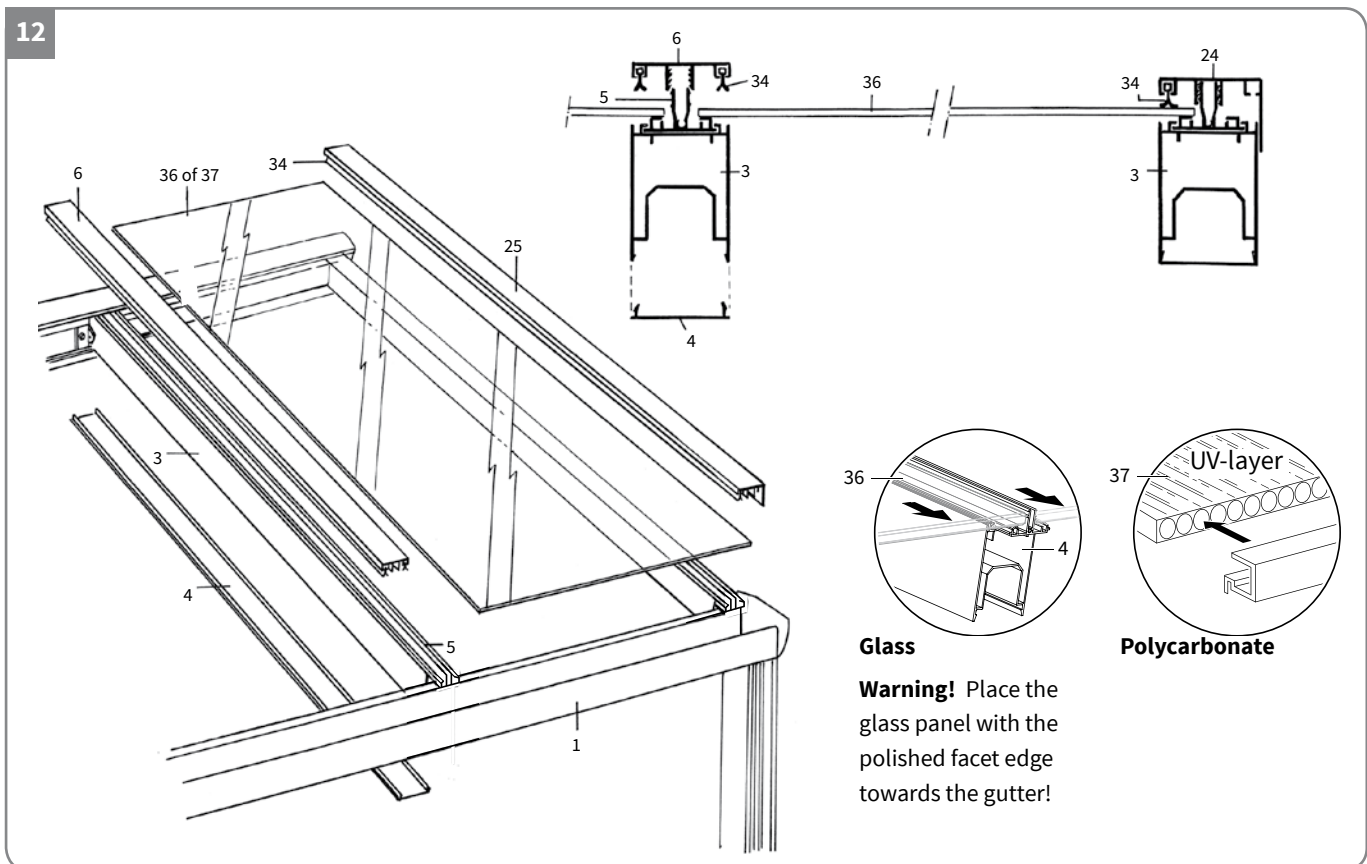
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Install other beams

- In order to determine the correct distance, use the click covering (24), which is tailor-made for you. Use this stiffener to measure the right distance.
- The other beams are installed in the same way as the outer beams, so with beam brackets (14/15).
- Now click the click covering divider (24) into the wall profile (2) and gutter profile (1) (by pressing it in the slot and turning it backwards and clicking).

7. Laying the roofing panels



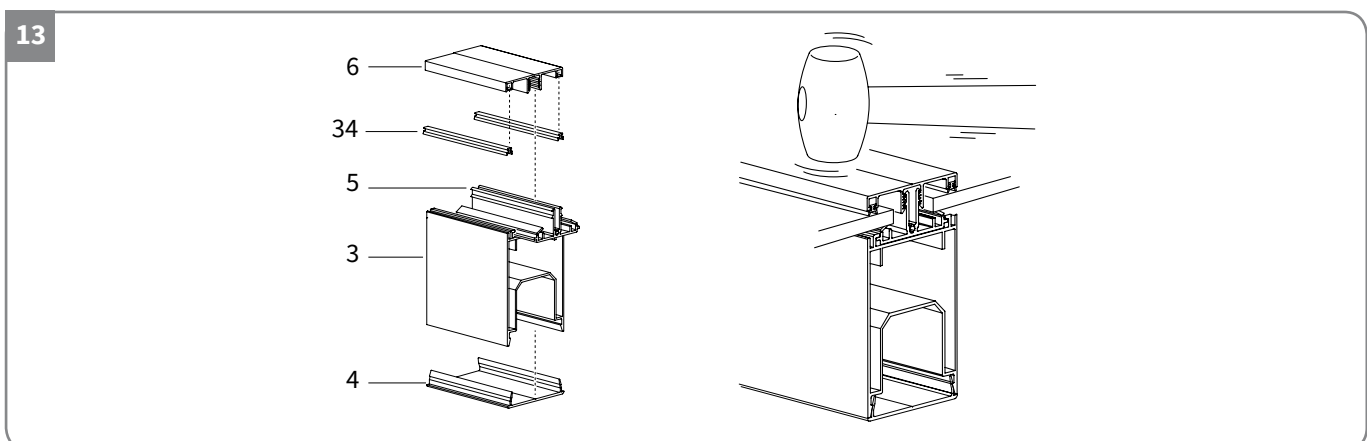
Mounting the glass or polycarbonate plates

It is important that the glass or polycarbonate plate, is placed in the middle. So divide the space on the left and right proportional and place against the covering cap (19) (at the front above the gutter).

Before mounting first read the information about 'Processing the polycarbonate plates' on page 17.

Ranking of the roof plates

Starting at the left box (or right box). Place the first roof panel and then install the cover frames.

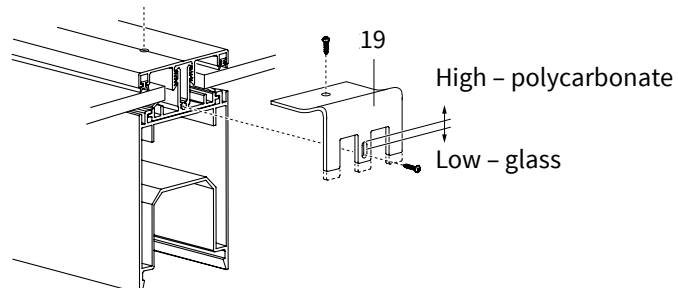


Install covering frame

- Covering frame (6) including rubber sealing strips (34).
- Install the covering frame (6) by pushing it into the plastic profile (5) . Use a rubber hammer the prevent damages.
- Mount the click profile (4) on the underside of the beams.

8. Placing the side plate and rubber

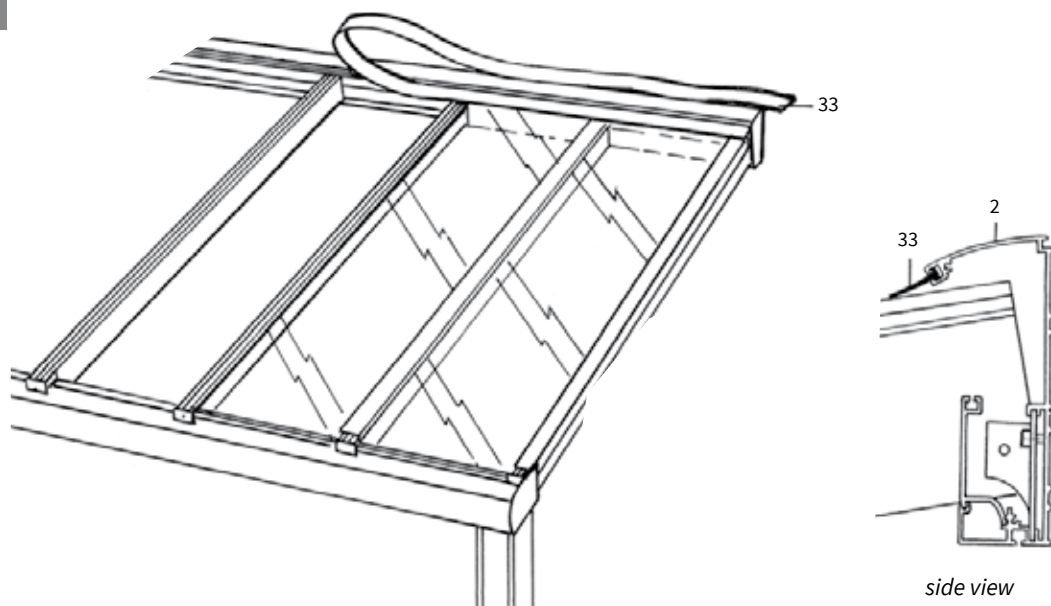
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Mounting the covering cap

Mount the covering cap (19) on the head of the beam. Place a screw on the front side and top side. The cover has two positions: low position is for glass, high position is for polycarbonate.

15



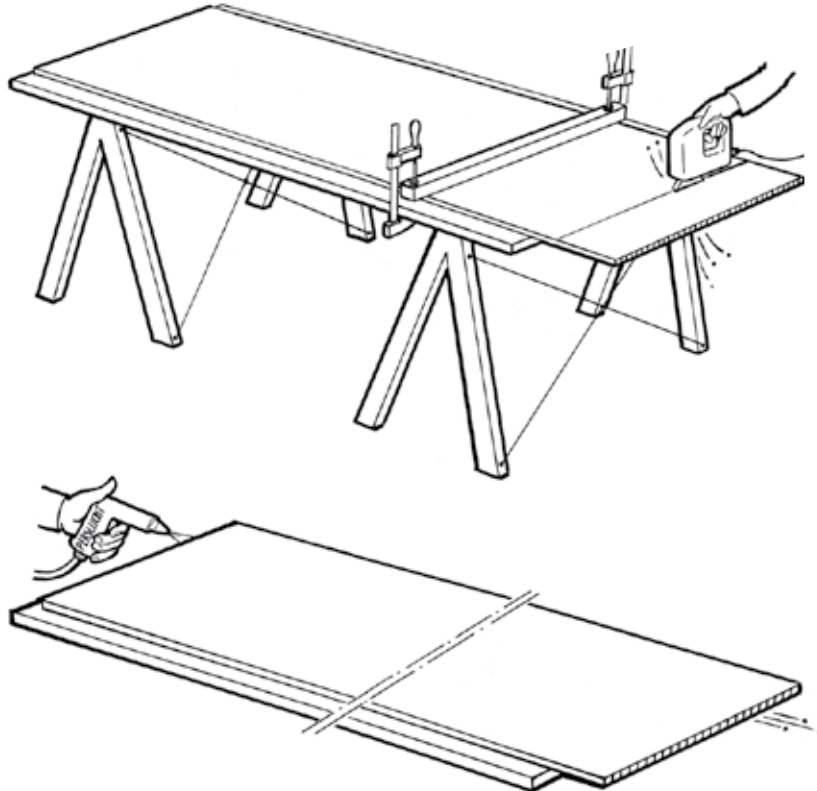
Install rubber wall profile

It is advisable to place the rubber wall profile (33) directly after installing each glass- or polycarbonate plate and covering frame (6) by pushing it firmly into the slot of the wall profile (2). This can also be done after the roof is finished. However, you can NOT stand on the glass- or polycarbonate plates, only on the beams!

Processing the polycarbonate plates

Storage

If you storage the polycarbonate plates, to plates need to lie on a flat surface, for example pallets. The plates may not be stacked directly on the ground. Avoid direct sunlight and rainwater and cover the plates with a white polythene foil. Storage preferably inside. If outside, then under a roof.

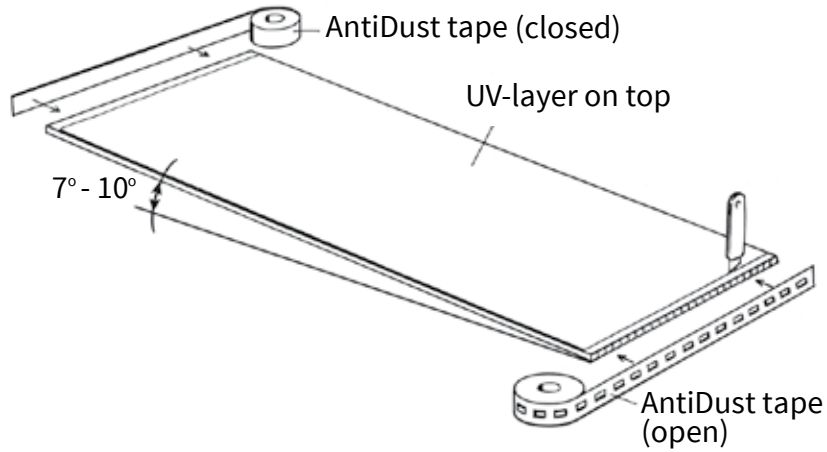


Sawing

- Saw with a hand circular saw or jig saw with fine-tooth saw blade.
Use a stable and vibration-free surface and avoid swinging and flapping of the plate.
Do not remove the protection foil before the sawing and drilling. This prevents scratching on the surface.
- Clean the canals with dry compressed air.
- After that, immediately close with a Anti-dust or transportation tape.

Backlash and installation

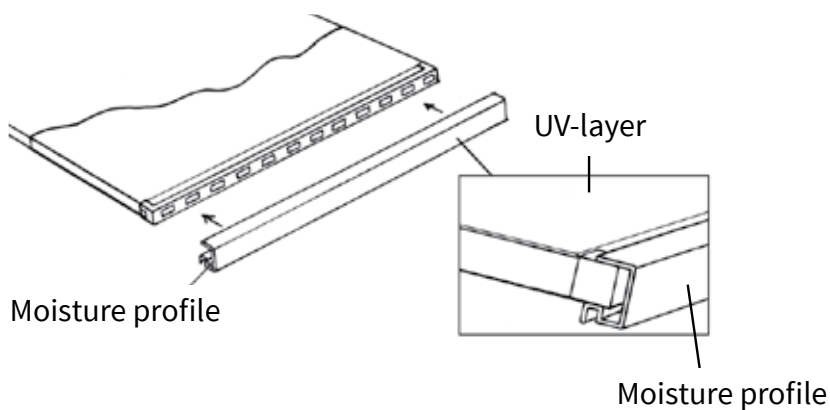
Due to temperature fluctuations, polycarbonate plates can bulb or shrink.
The plate is blocked against shearing on the underside with an end partition on the cover profile.
The whole backlash needs to be provided on the upper side.
The side of the plate needs to have a backlash of 3 mm.



Sealing against moisture

Polycarbonate is gas- and vapor-permeable, this is the reason that moisture can not be quite prevented. A right slope of the roof between 7° – 10° and an effective sealing can limit this.

- The plates need to be taped on the upper side with a closed Anti-dust tape.
- The underside needs to be taped with a perforated Anti-dust tape.
- If possible, remove a strip of protection foil below and above (approx. 3 cm).
- Cut lightly with an utility knife.



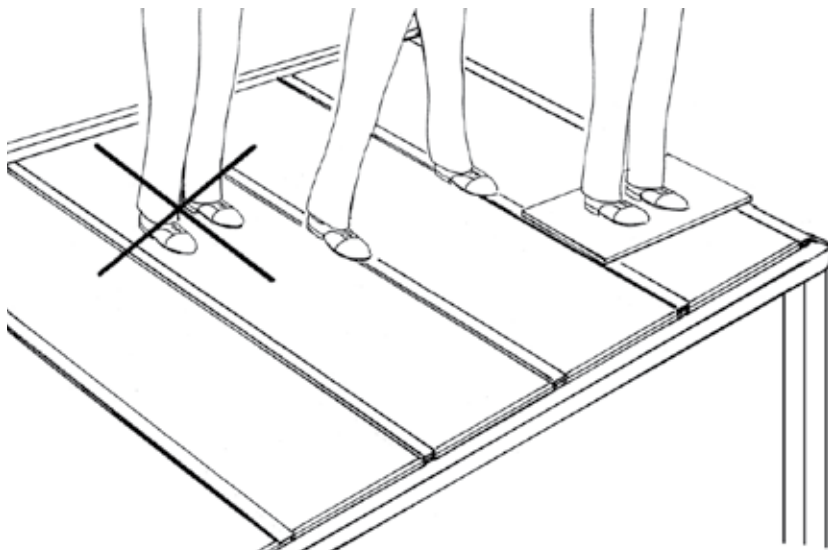
Placing the moisture profile

After applying the Anti-dust tape, provide the underside of the plate with a moisture profile over the whole width of the plate.



Removing the protection foil of the UV-layer

After applying the moisture profile, the polycarbonate plate can be installed. The removing of the UV protection foil can be done after mounting, but also before mounting. It is more easy and more safe to remove it before mounting. You do not need to be on the roof to do this.



Do not stand on the polycarbonate plate

The polycarbonate plates are solid and strong, but not resisted enough against concentrated load. Do not walk on the plates! Only walk on the edges where beams and cover strips are or use a shelf.

Cleaning

- Clean the polycarbonate plates at least once a year with tepid water and soap. If necessary, use non-alkaline soap in combination with a telescopic car brush.
- Use a soft brush or sponge.
- Never use abrasives or solvents!
- Before- and after rinsing with a lot of water and at last clean with a soft cloth.



Registration number TÜV The Netherlands QA B.V.: 1231

Verano BV
Bedrijfsweg 8
5683 CP Best, Nederland

Certificate number:
1231-CPR-1090-1-2400-A-293

EN 1090-1:2009 + A1:2011

Aluminium parts, to be applied in veranda's according to order:
see sticker on the back of this installation manual

Tolerance on geometric data:	EN 1090-3
Weldability:	N.A.
Fracture toughness:	not for aluminium products
Reaction to fire:	material classification: class A1
Cadmium emissions:	NPD
Radioactive radiation:	NPD
Durability:	surface powder coated according quality class 3
<u>Constructive properties:</u>	
Deadweight:	design according EN 1990 (Eurocode 1) and EN 1999 (Eurocode 9); reference order noted on sticker on the back of this installation
Distortion in serviceability limit state:	NPD
Fatigue resistance:	NPD
Fire retardend:	Class A1
Fabrication:	according to part specifications; reference order noted on sticker on the back of this installation manual and EN 1090-3, EXC1

MANUFACTURERS WARRANTY

controler no.

date

particulars

Warranty conditions

The factory warranty is valid only if the assembly has been executed by a certified engineer (professional placement). During the manufacturing of its products, Verano® has used the greatest precision. However, if during the normal use and maintenance within 5 years after the purchase date, there are faults resulting from manufacture or construction errors, provided that all the instructions concerning the correct use and maintenance have been followed, Verano® will put at the dealer's disposal the replacement material, for free.

Warranty:

- The term is not extended or renewed because of repair or the replacement of faulty parts;
- Does not include the replacement of fuses, limit switches and slide contacts;
- It is Verano®'s obligation to give to the buyer whatever right to compensation or dissolution of the purchase contract;
- Verano® reserves its right, without previous notification, to carry out changes in its products;
- All our transactions occur according to the conditions deposited at the Chamber of Commerce in Eindhoven under number 17119924;
- Small colour changes can occur due to the fact that the ordered colours are manufactured according to the number or that a present steel colour is imitated;
- The paintwork is not resistant to strong chemicals and /or damage with a sharp tool;
- Some colour shade can occur due to the fact that the colours can be more or less effected by UV-radiation (sun light).

The warranty elapses:

- As a result of insufficient maintenance or incorrect use;
- The product is not fitted by a certified engineer;
- Normal wear resulting from use;
- Discoloration due to effects of weather;
- Faulty assembly.

The second party does not derive a right from the warranty other than the one above mentioned, especially the right to compensation in case of consequential loss and also due to faults of third parties. Also inconsequential damage will not be compensated. The second party indemnifies us against all the consequences of the other claims of his customers.

MANUFACTURERS WARRANTY

REGISTER YOUR PRODUCT ON VERANO.EU AND RECEIVE A 5 YEAR WARRANTY

Congratulations on your purchase of this Verano® product. You are ensured of many years of pleasure during the normal use of the product according to the appropriate operation and maintenance rules. All the materials used are adjusted to the user's objectives. The products are manufactured with the greatest care. If you have any comments, please send an e-mail to: info@verano.nl. We hope you enjoy your Verano® product!

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Exteriorsun protection

Roller shutters

Outdoor living

Interior sun protection

Garage doors

