

Installation manual

Louvered roof

V860 Levanto

single - linked



Verano[®]

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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.

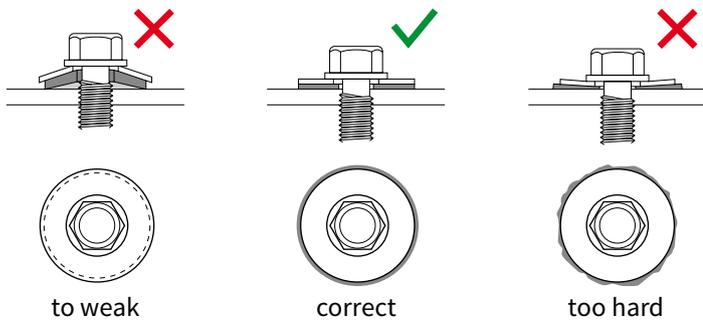
Be careful for damages

Don't use a knife or any other sharp object when opening the packing. This may cause damage to the content of the assembly. Put the content of the assembly on a soft surface.

Be careful when drilling, falling drill cuttings can cause damages.

Warning:

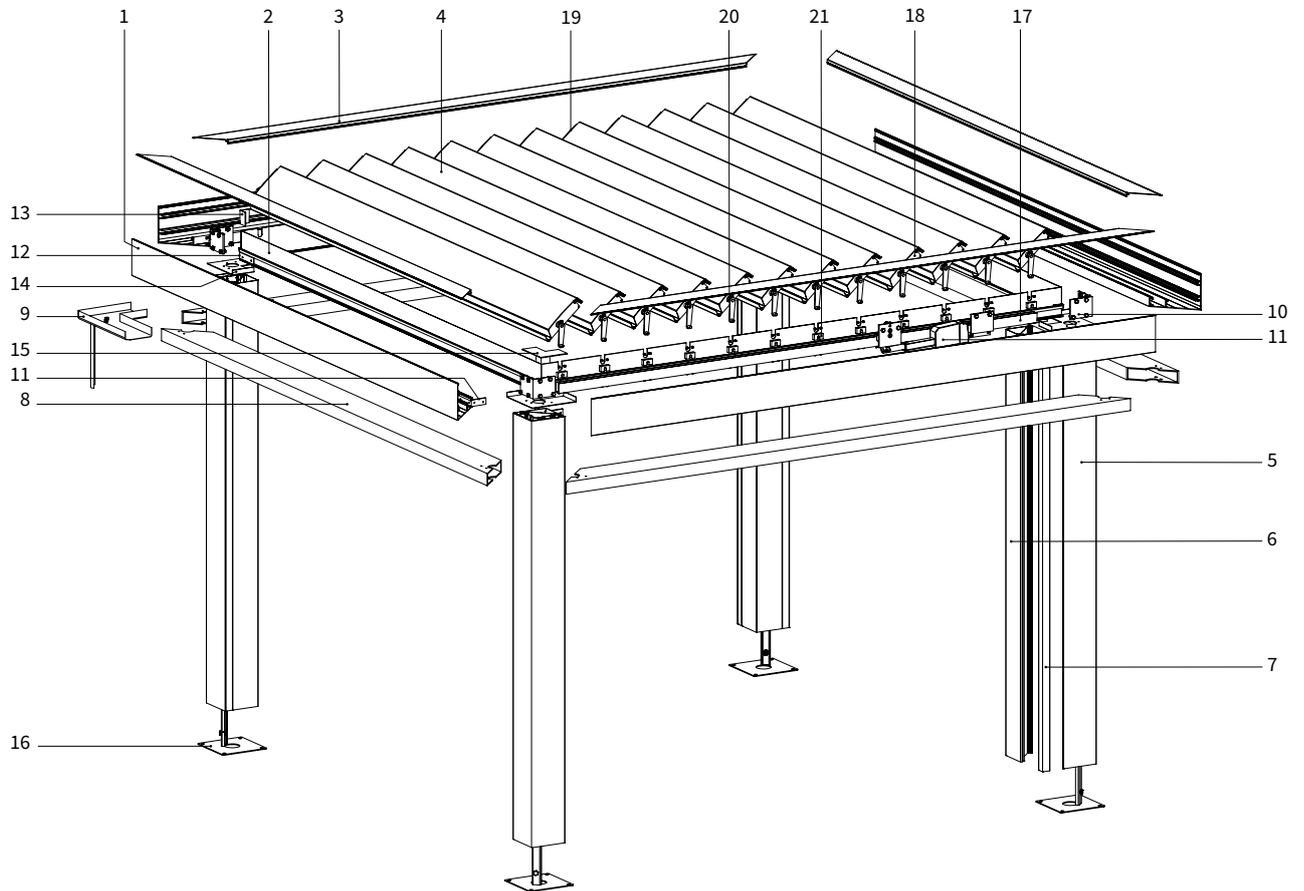
To prevent leakages do not overtighten bolts and washers!



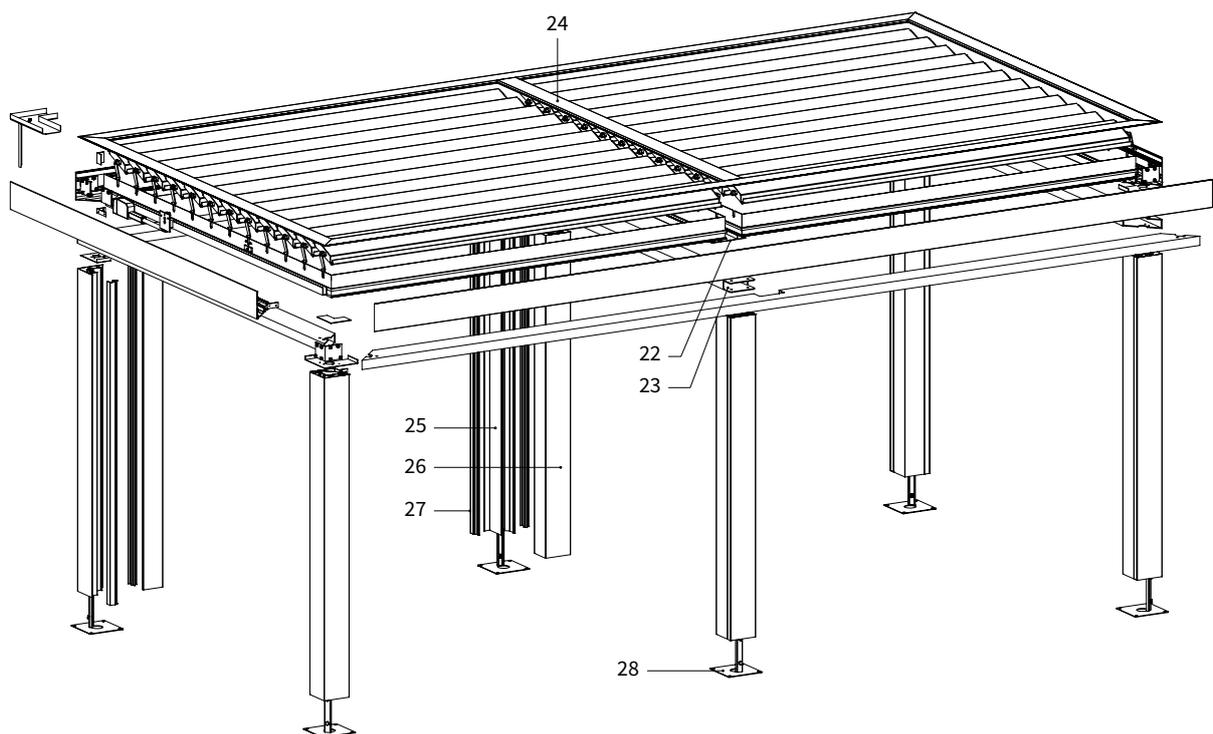
diameter 4,8 mm rotation speed 1.800 tr/min torquemoment 25 kg

Exploded view

Single roof



Linked roof



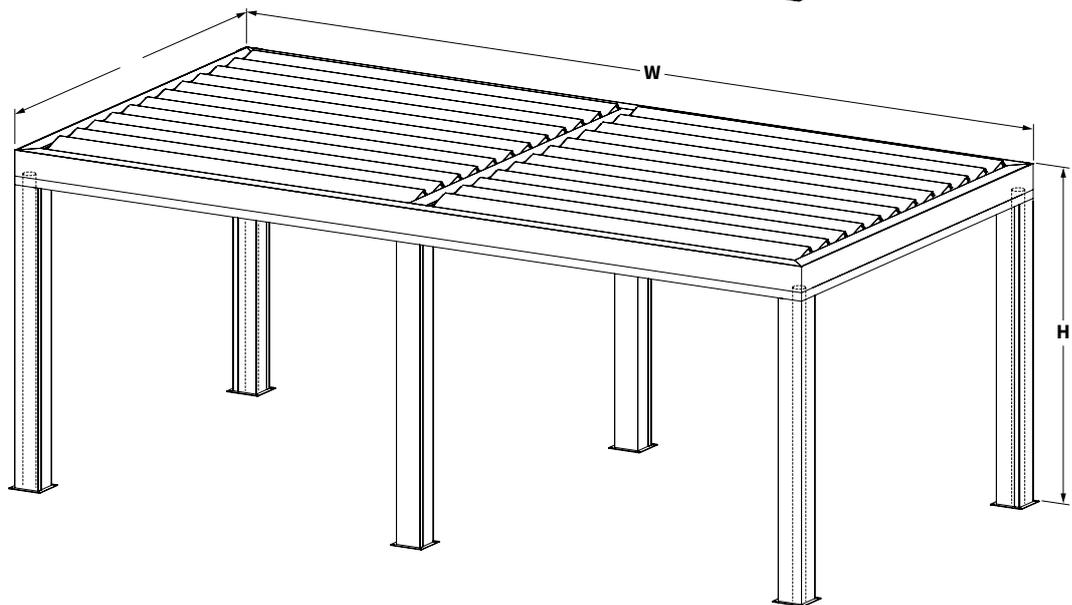
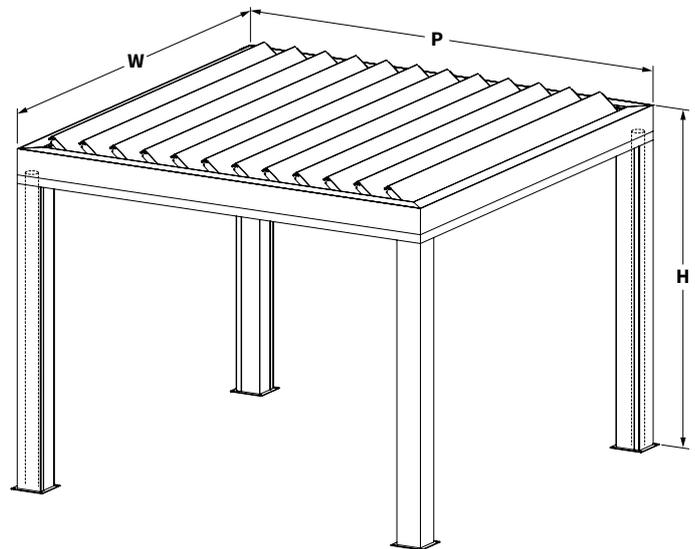
Partslist

Single roof

1. Gutter profile
2. Gutter intermediate profile flat
3. Gutter cover
4. Slat
5. Post
6. Postcover
7. Filling profile
8. Casing profile
9. Corner reinforcement casing profile
10. Corner connector large
11. Motor including brackets
12. Gutter link
13. Corner connector
14. Corner plate bottom
15. Corner plate top
16. Footplate corner post
17. U-profile
18. Side plate slat with axis, left and right version
19. Side plate slat large, left and right version
20. Filling bearing bush
21. Clamping block

Linked roof

22. Intermediate gutter profile
23. Intermediate casing profile
24. Cover intermediate gutter profile
25. Middle post
26. Cover middle post
27. Filling profile middle post
28. Footplate middle post



W = width

P = projection

H = height

Remark drainage:

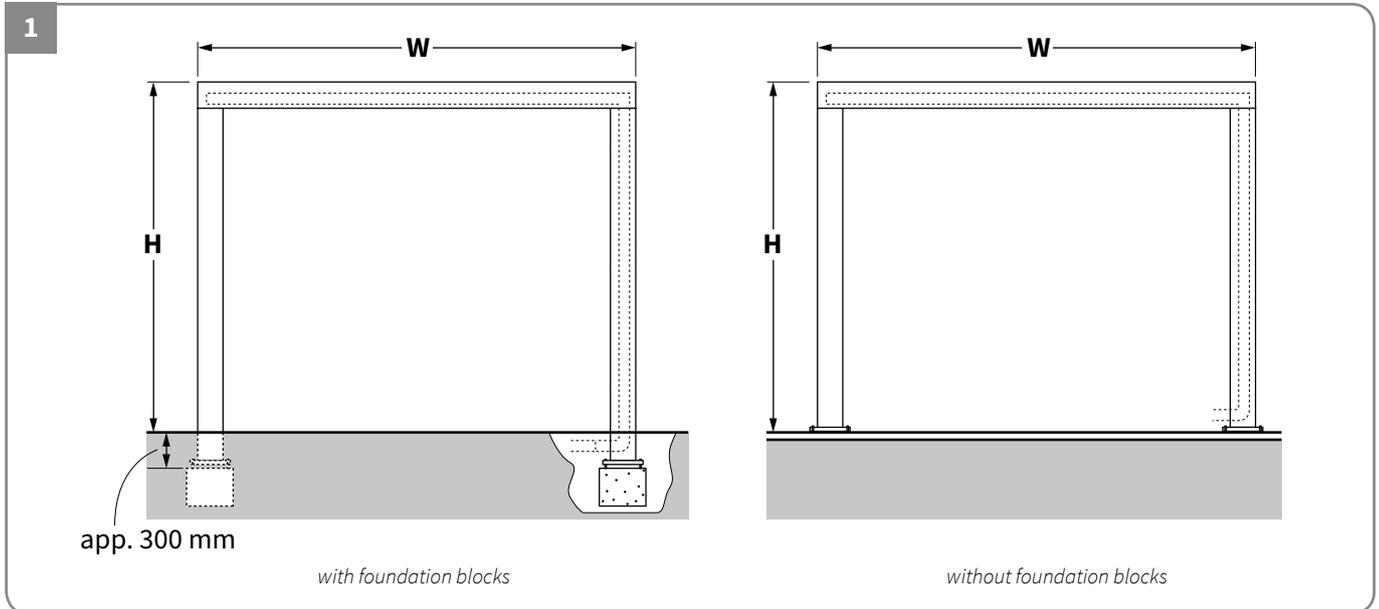
Roof smaller than 4000 x 4000 [mm]: drainage prepared in two cornerposts (position diagonal).

Roof larger than 4000 x 4000 [mm]: drainage prepared in all cornerposts, but in all corners desired!

When mounting on the wall extra drainage holes are necessary on the corners. Positioning in consultation!

Single roof

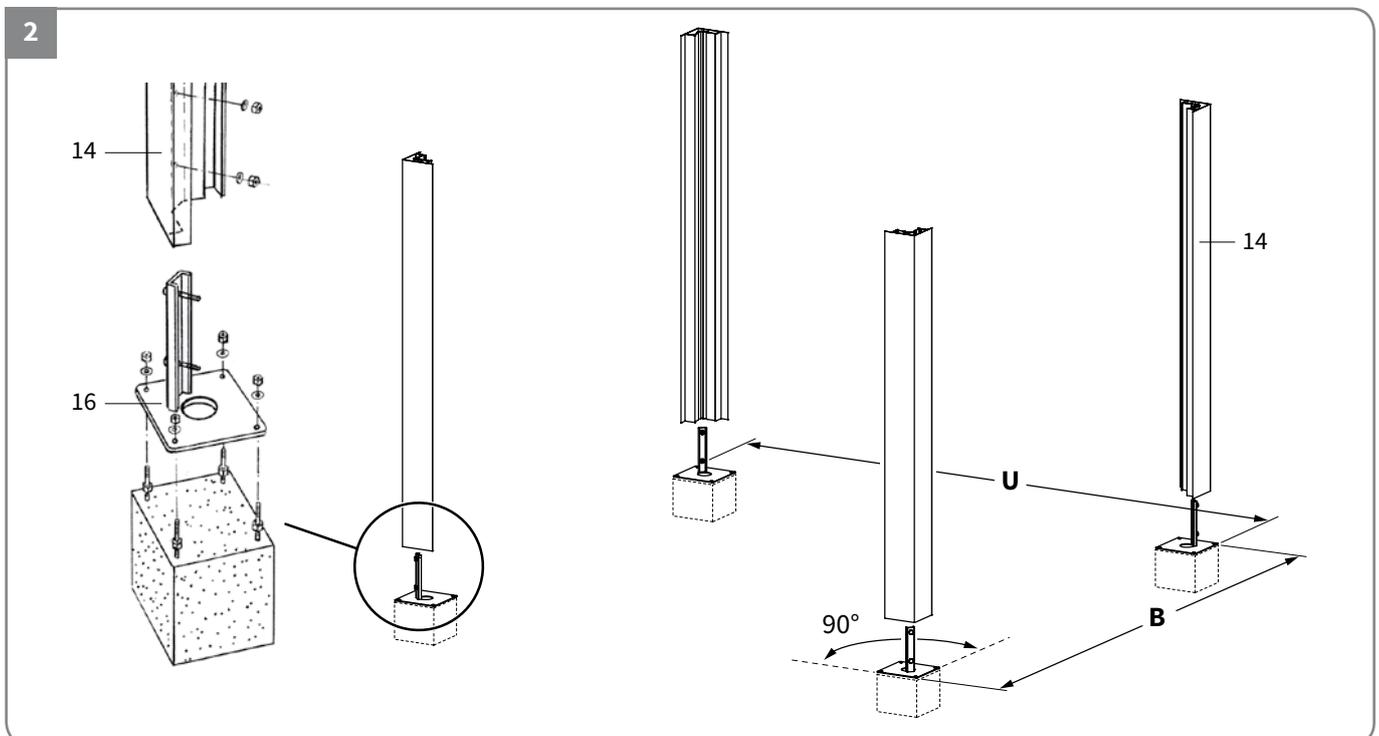
1. Installing the posts



Foundation

For stability we recommend using concrete foundation blocks.

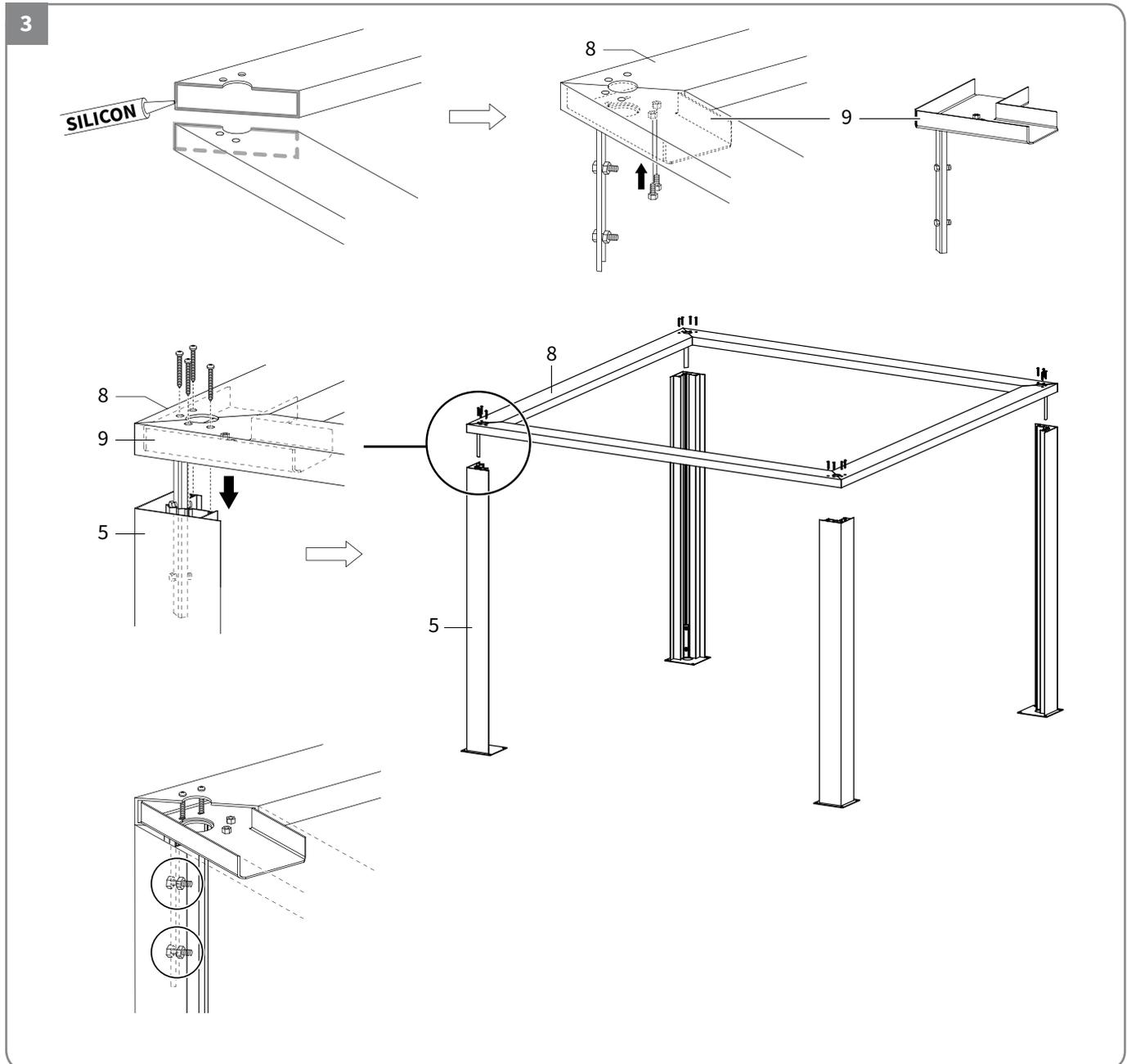
If the V860 Levanto is installed onto heavy patio tiles, this will serve as a foundation.



Mounting the posts (5)

- Place the concrete foundation blocks.
- Mount the four footplates (16) temporarily.
- Install the posts (5).

2. Installing the top frame

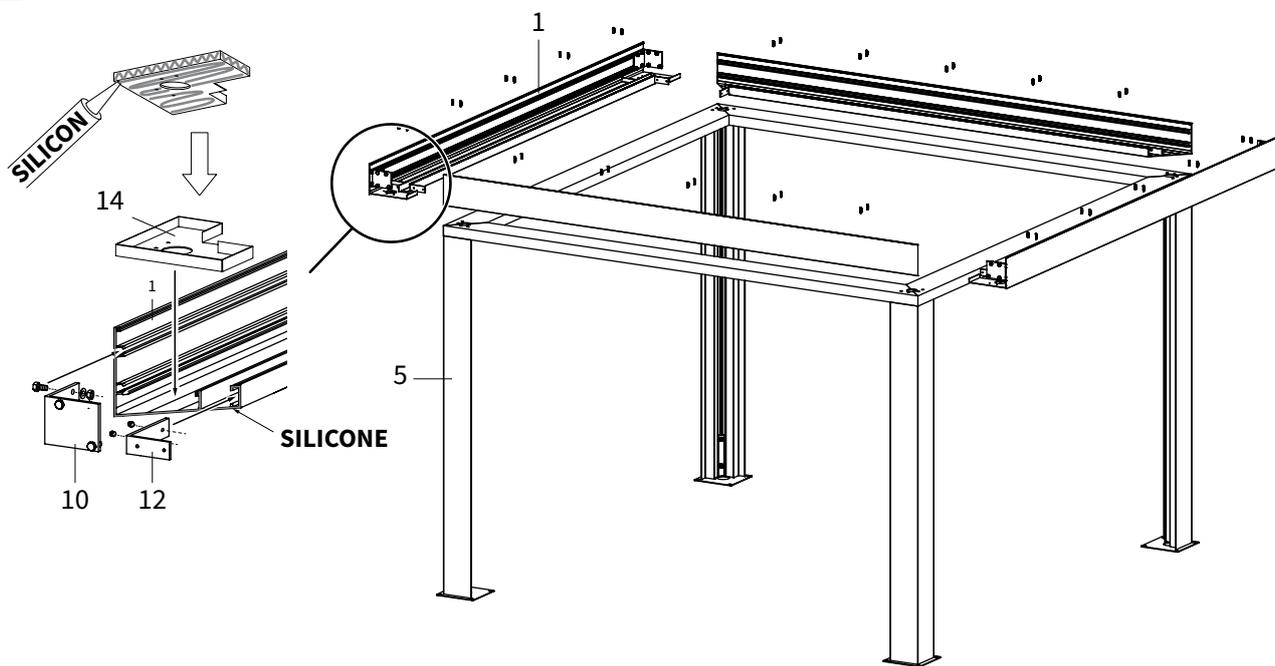


Installing the casing profile (8) with the corner reinforcement casing profile (9)

- Seal the edges of the casing profile on all corners before mounting.
- Slide the corner reinforcement into the casing profile. Please note that you slide the correct length of the casing profile on the right side of the corner reinforcement.
- The corner reinforcement has two nuts on it. Mount the casing profile from below onto the corner reinforcement with included bolts.
- Install the casing profiles onto the posts (5). Mount with included sheet metal screws.
- Mount the corner reinforcement on the inside of the post by tightening the two nuts.

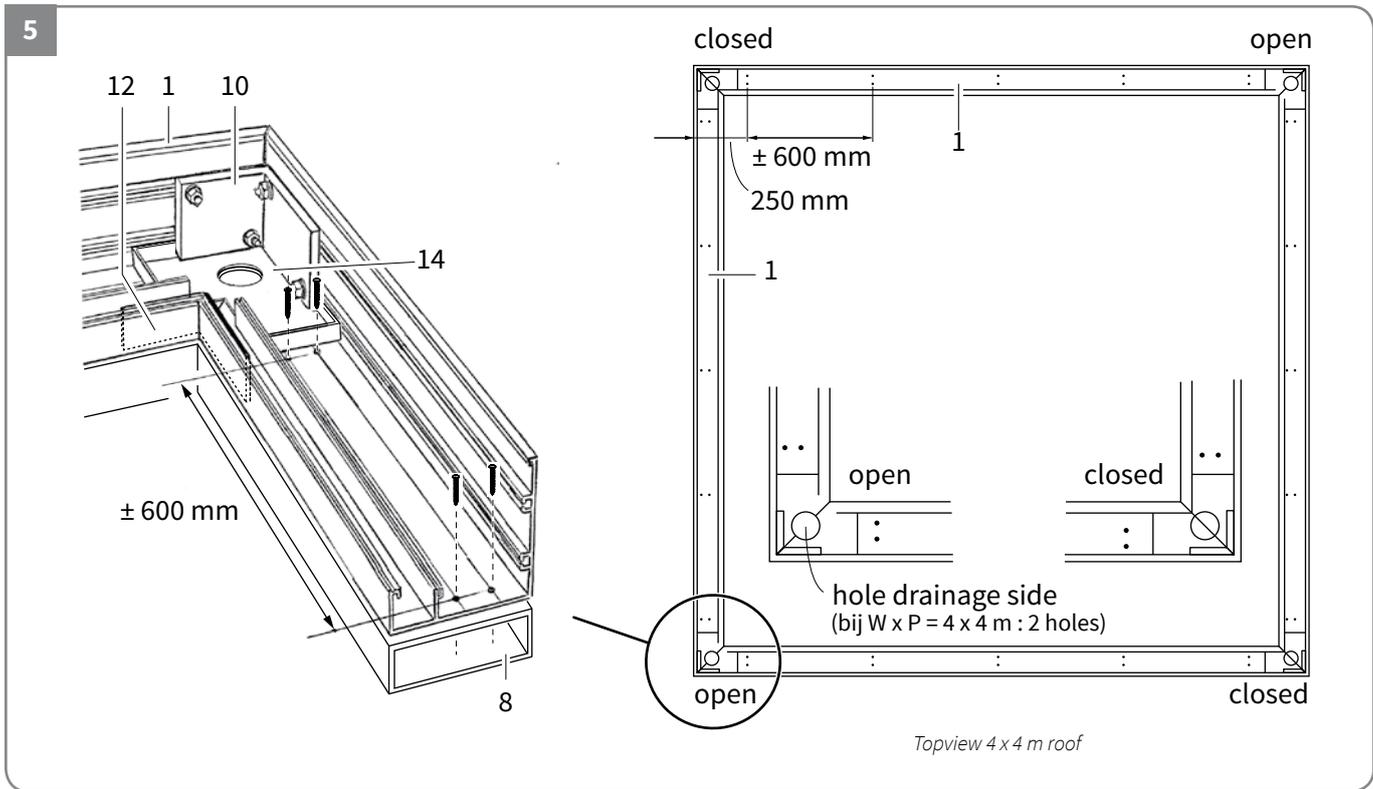
The base of the V860 Levanto is ready after the mounting of the casing profile (8).
You can now already adjust the V860 Levanto by means of the screws in the footplate.

4



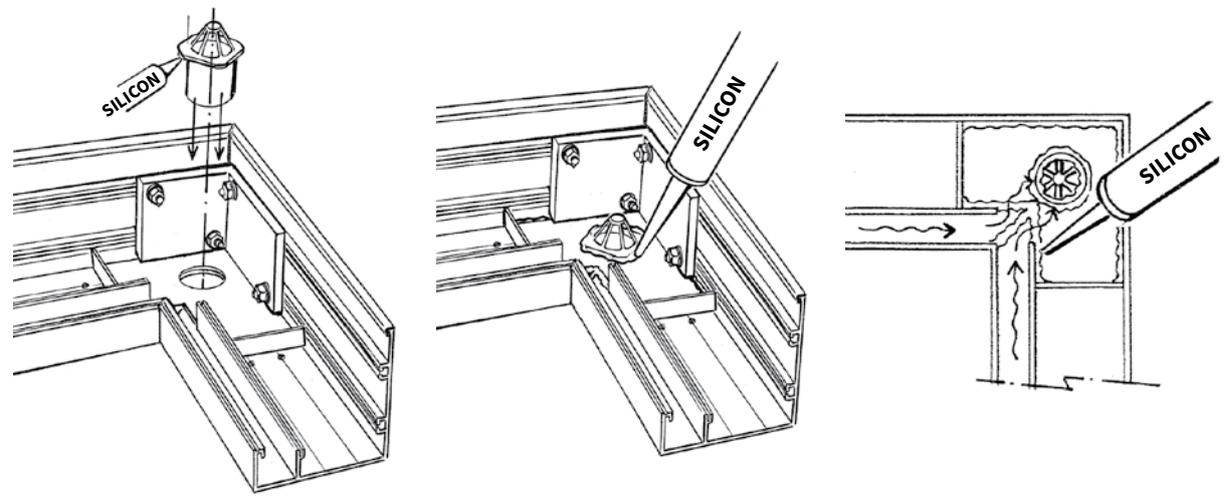
Installing gutter profile (1)

- Seal the edges of the gutter profile on all corners before mounting.
- Place two bolts left and two bolts right in the grooves of the gutter profile (1) for mounting the large corner connectors (10 and 12). Repeat for all corners.
- Before sliding the bottom corner plates (14) on every corner, first seal the edge and complete bottom side of the corner plate!
- Place the gutter profile (1) onto the posts.



- Mount the four gutter profiles (1) with screws. To ensure you have a stable, sealed product, you should screw the gutter profiles onto the casing profiles (8) with two rows of screws.
- Mount the corner connectors (10 and 12).

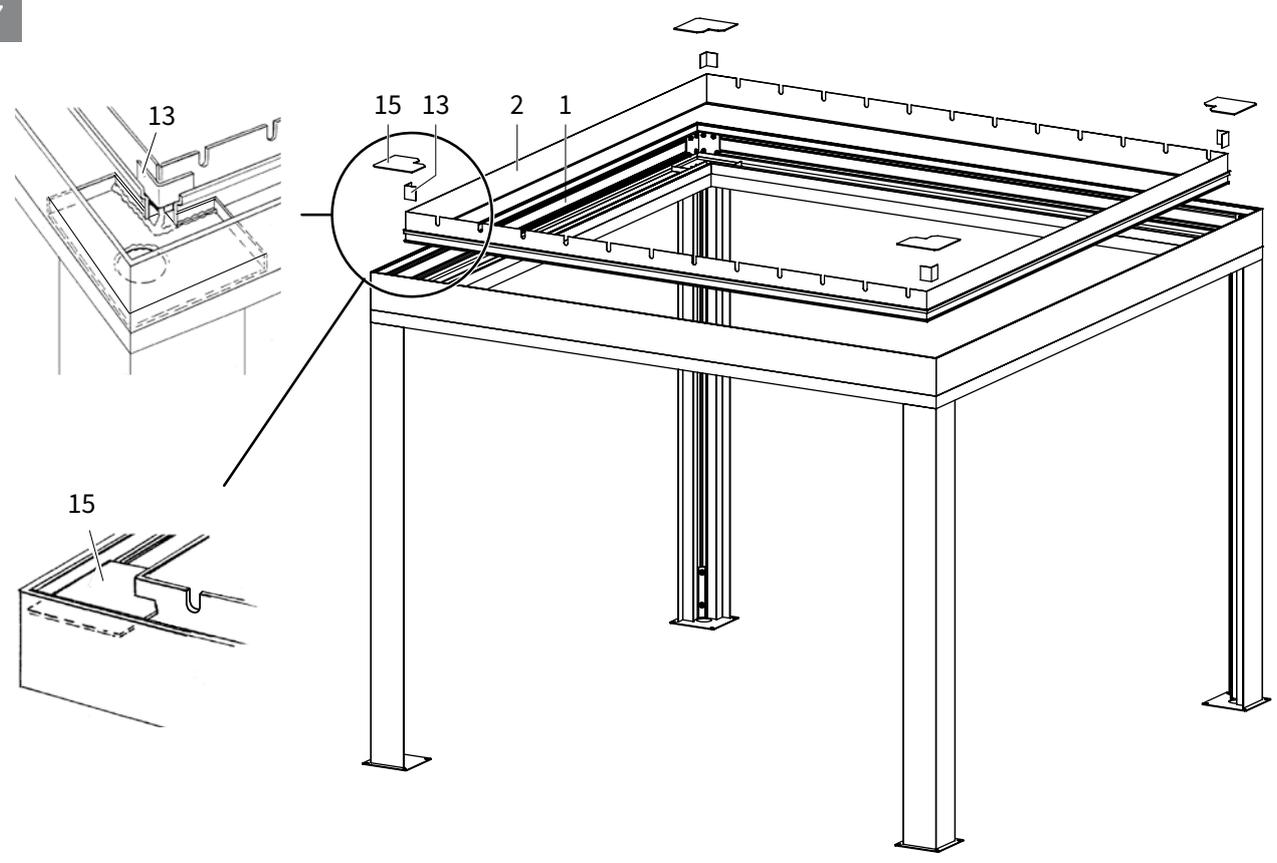
6



Drainage

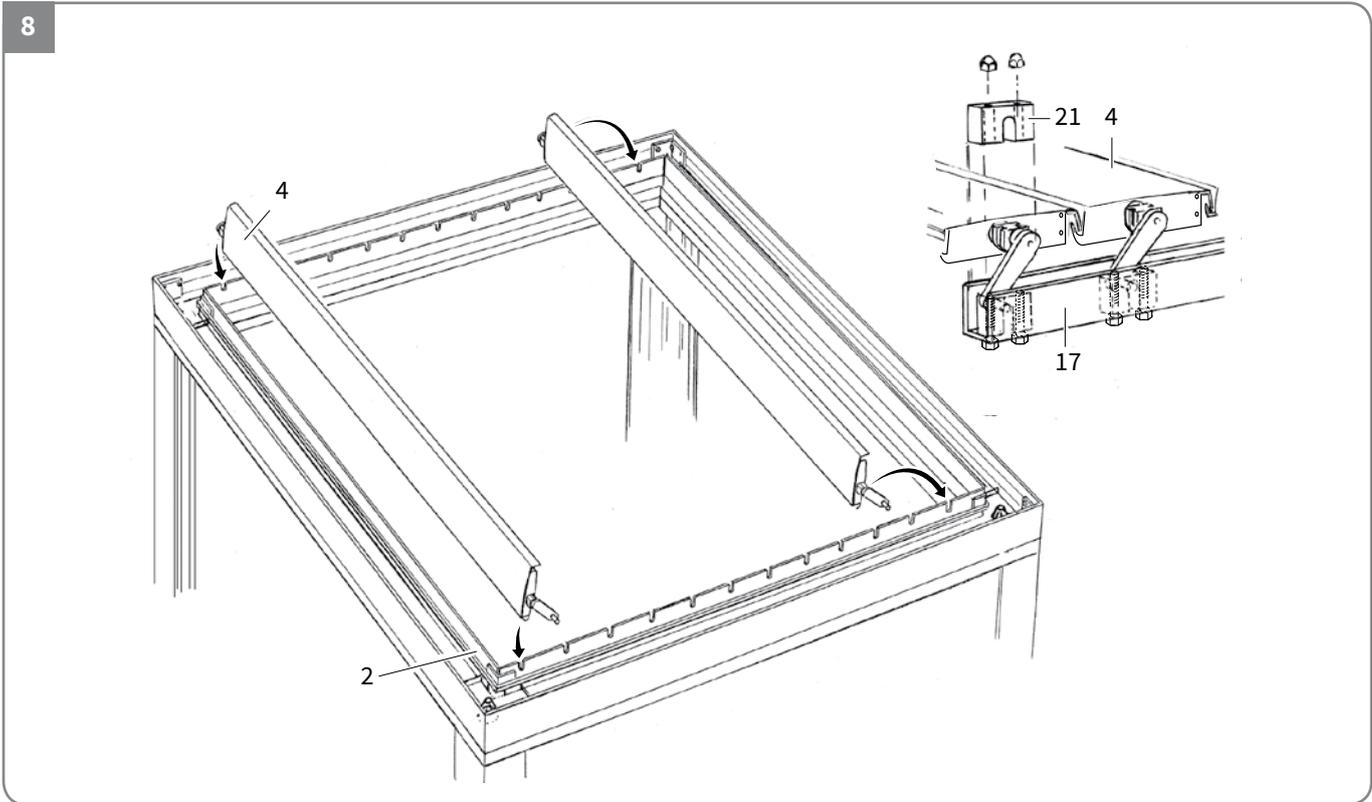
- Place drain grates into the holes of the water drainage.
- Seal the corner plate and drain grate well with sealant to make sure all of the rainwater will be discharged through the drain grates.

7



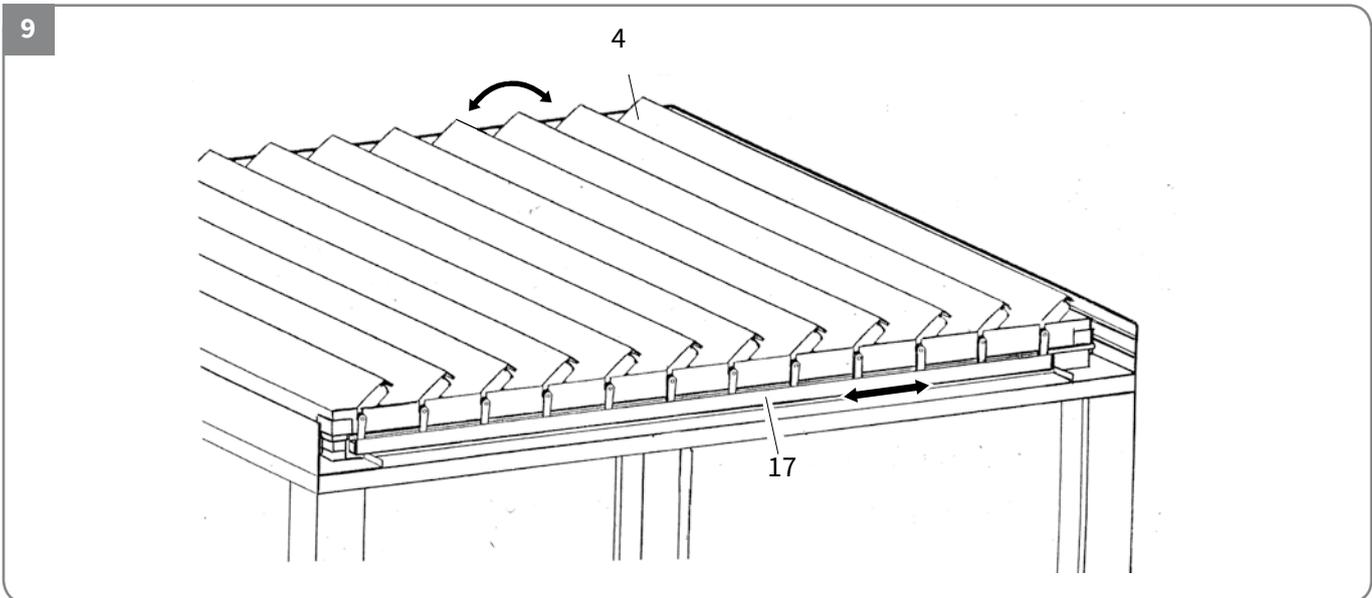
Installing gutter intermediate profile (2)

- Slide the gutter profiles (2) into the grooves of the gutter profiles (1).
- Install the corner connectors (13).
- Install the top corner plates (15). These will make sure the complete Levanto is correctly positioned.



Installing and tightening slats

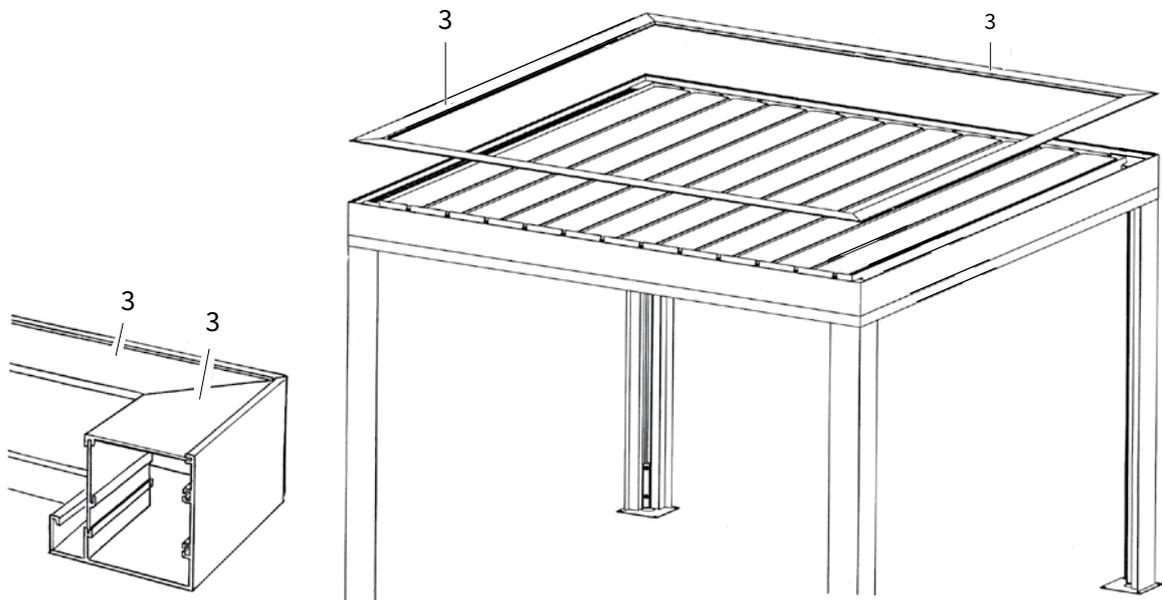
- First, place the first and last slat.
- Then both clap (flat) and secure by sliding clamping block (21) on to the bolts in the U-profile (17) and set.



Open both slats again and put the other slats in and secure in the U-profile (17).

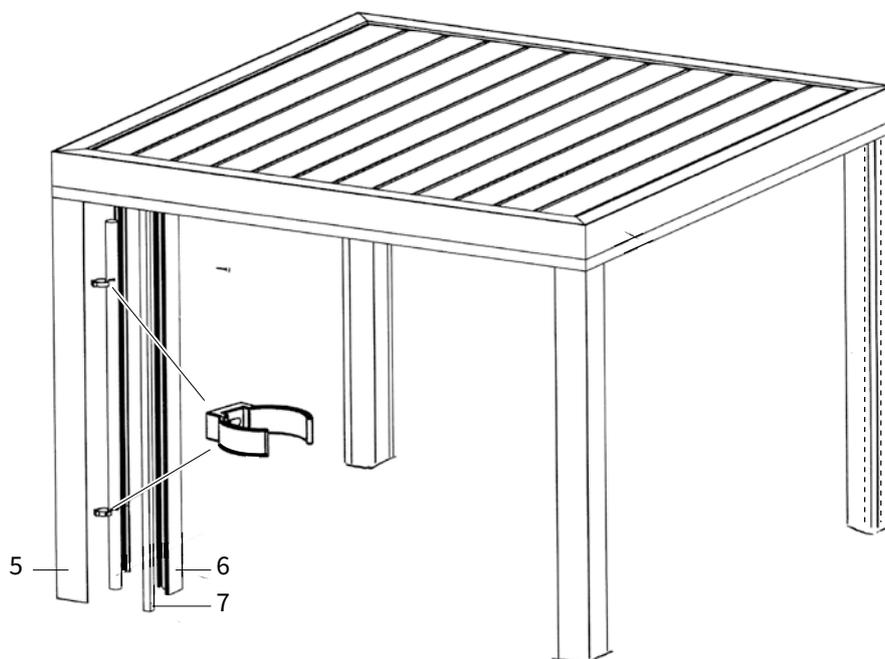
3. Finishing

10



Click the gutter cover (3) on the gutter profile.

11



Install drainage pipes and finish posts

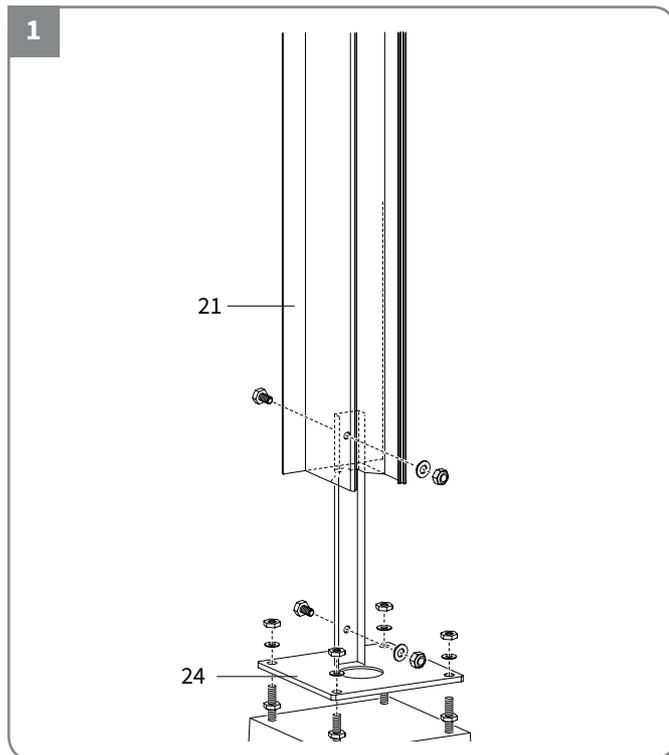
- Install and fasten the drainage pipes with included clips.
- Mount the post cover (6) and the filling profile (7). These have the same length as the posts (5) and may have to be shortened.
- Make (if required) a connection with the sewer.

Linked roof

When installing the linked roof follow the same steps as for the single roof.

Only the placement of the (possible) middle posts and the intermediate casing profile and gutter profile is different.

1. Installing the middle posts



Mounting the middle posts (25)

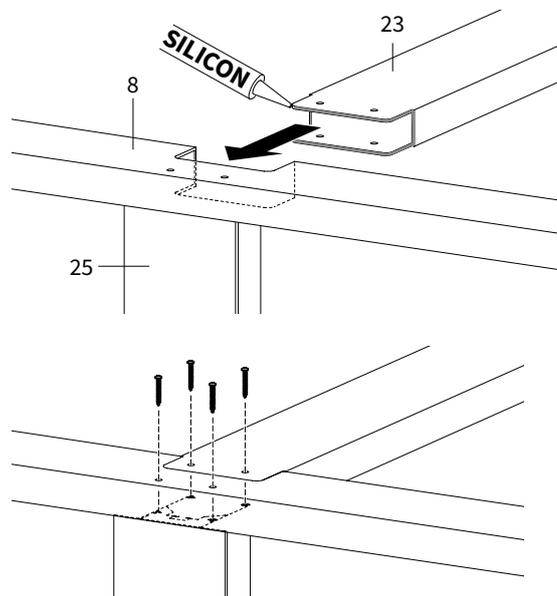
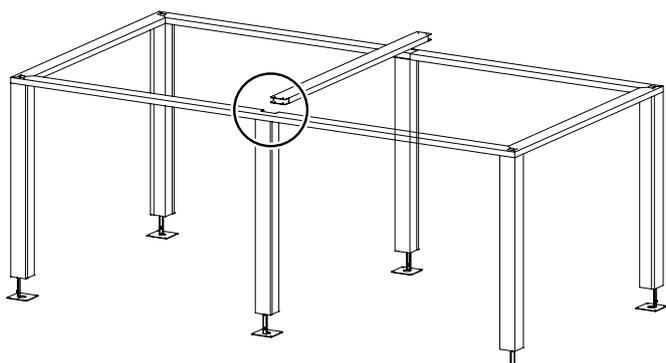
- Place the concrete foundation blocks.
- Mount the footplates (28) temporarily.
- Install the middle posts (25).

2. Installing the top frame

Installing the intermediate casing profile (23)

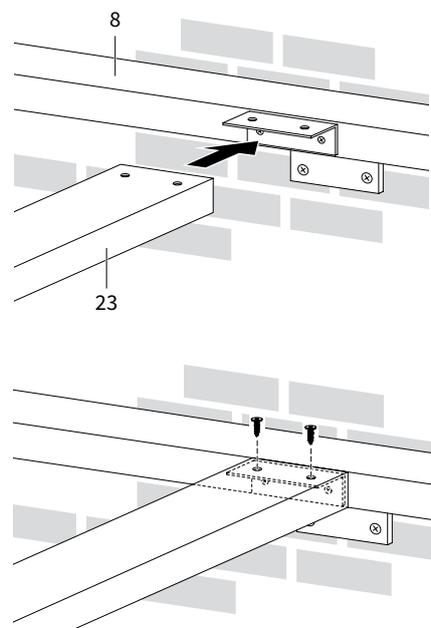
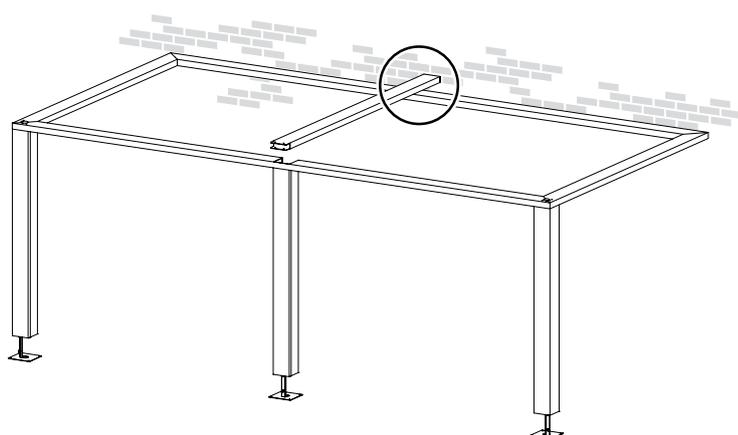
- Seal the complete edge of the intermediate casing profile before mounting.

2A Freestanding, 6 posts



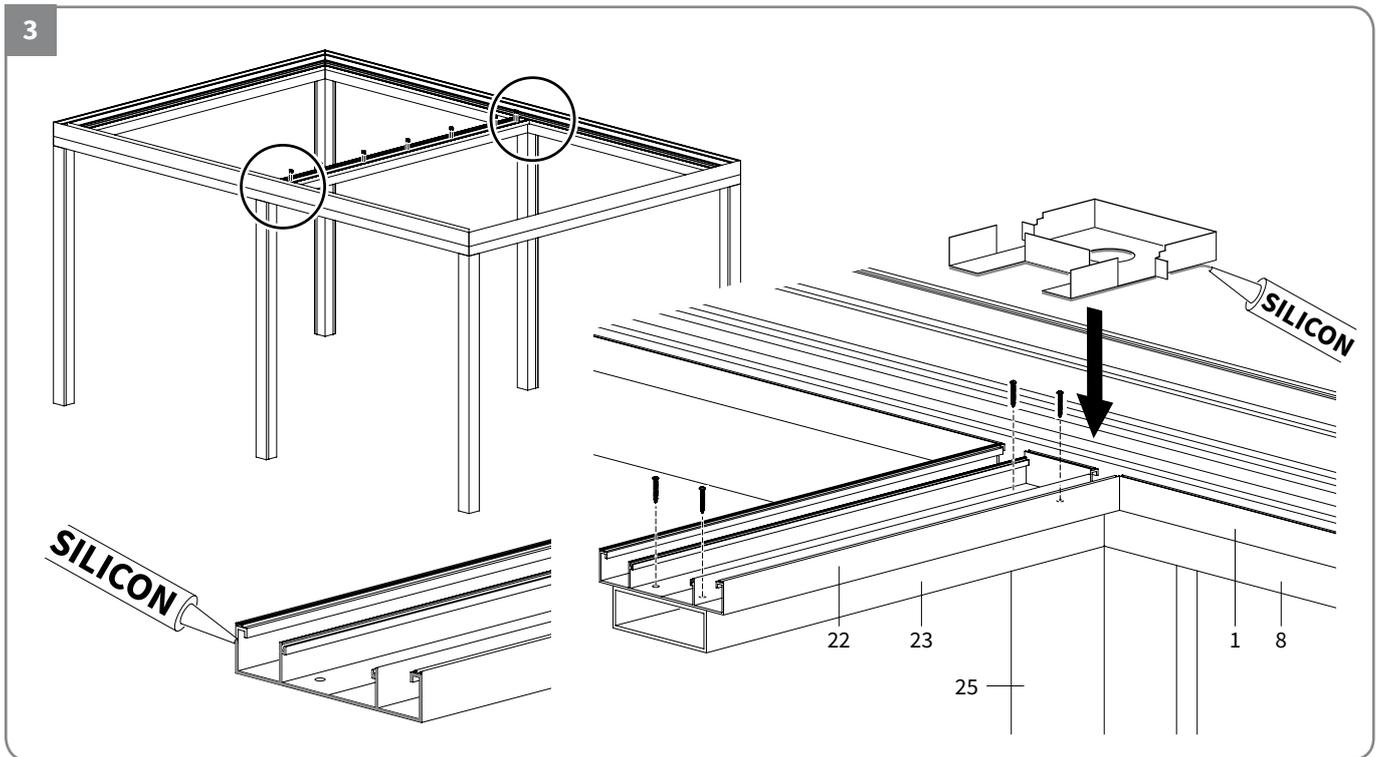
- Slide the intermediate casing profile (23) on the casing profile (8).
- Mount with 4 screws on the middle post (25).

2B Wall mounting with wall support, 2 or 3 posts



- Slide the intermediate casing profile (23) on the preassembled angle bracket on the casing profile (8).
- Mount with the included screws.

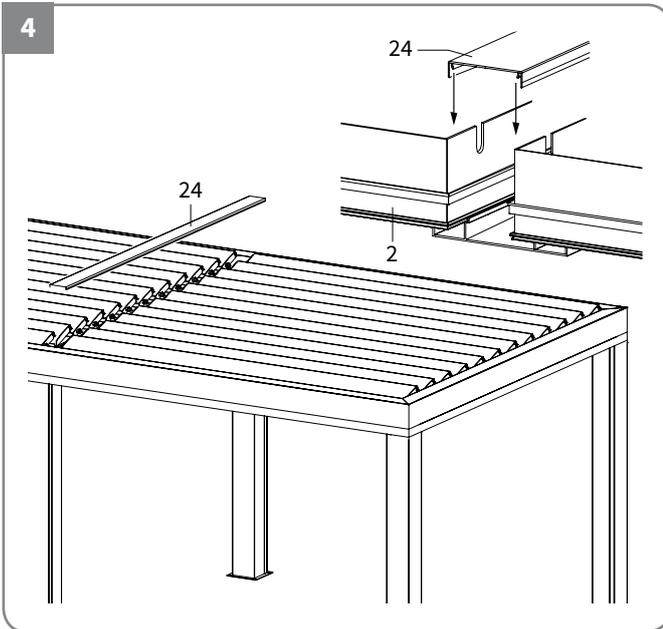
After mounting the casing profile and the intermediate casing profile the base of the V860 Levanto is ready. You can now already adjust the V860 Levanto by means of the screws in the footplate.



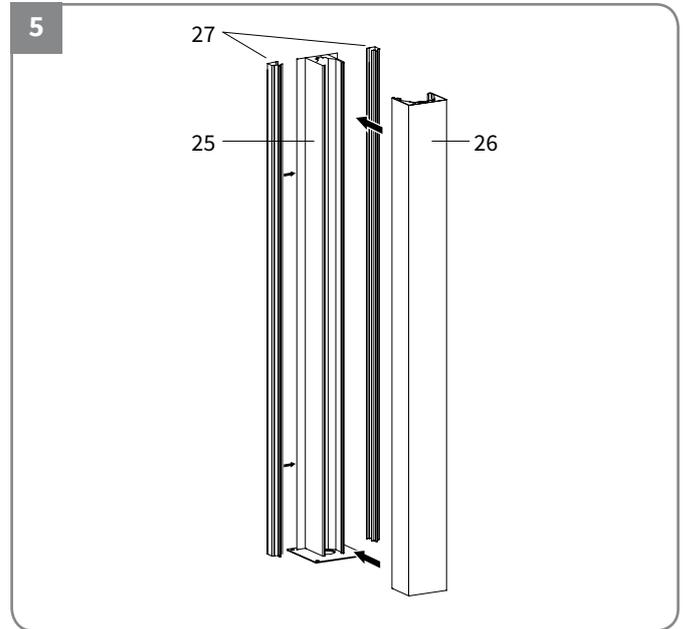
Installing the intermediate gutter profile (22) and middle post plate

- Seal the complete edge of the intermediate gutter profile and the bottom of the middle post plate before mounting.
- Mount the intermediate gutter profile (22) on the intermediate casing profile (23) with two rows of screws.
- Place the middle post plate.

3. Finishing



Place the cover (24) on the gutter intermediate profile flat (2).



Mount the cover (26) and the filling profiles (27) on the middle post (25). These have the same length as the posts and may have to be shortened.



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!

Verano® retailer data:

CE Sticker

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Exteriorsun protection

Roller shutters

Outdoor living

Interior sun protection

Garage doors

