

Manual
**Composite and
Aluminum
Fence.**

Carefully read the manual before starting the installation.

STORAGE

Gardenode recommends storing fence panel in their original packaging on a flat surface out of direct sunlight, to prevent warping.

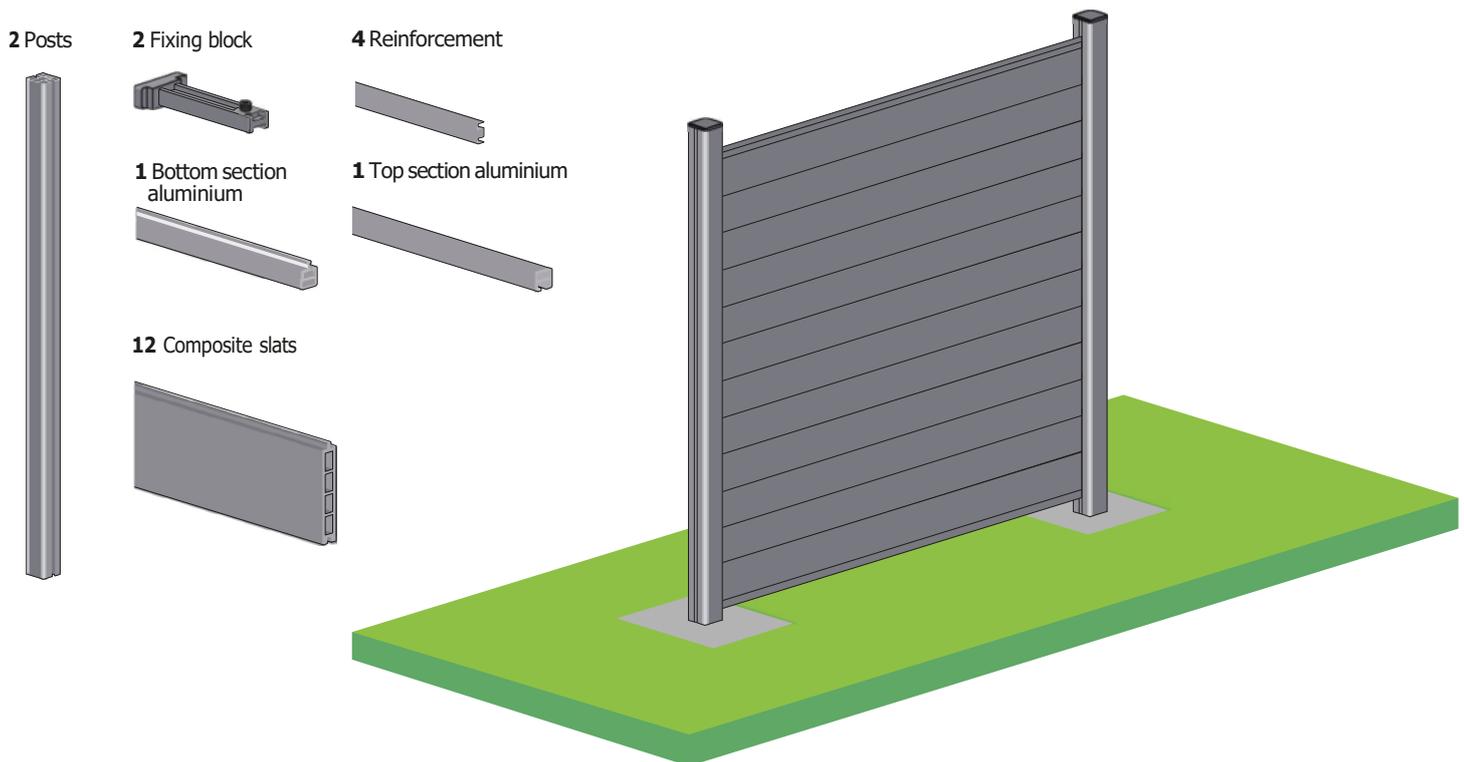


TOOLS REQUIRED



COMPOSITE SLATS

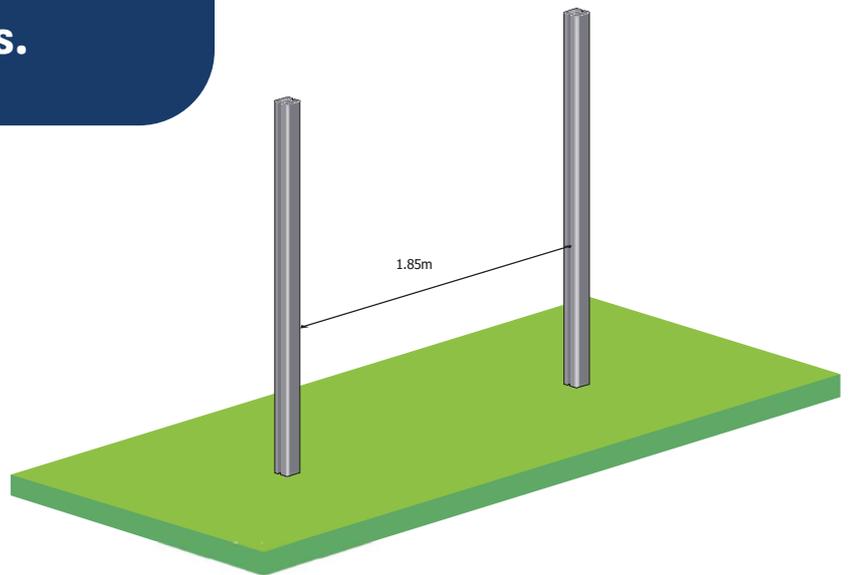
Components for a Section of Composite Fencing H 1m80 x L 1m85 (H 5.9ft x L 6.07ft)



Fence with composite boards.

Posts

- 1 To install a post and rail fence, start by setting in cement,** and start by marking the site by putting two stakes on either side of the location of your future fence, run a string to make the installation line.
The posts should be 1.85 m (6.09 ft) apart.

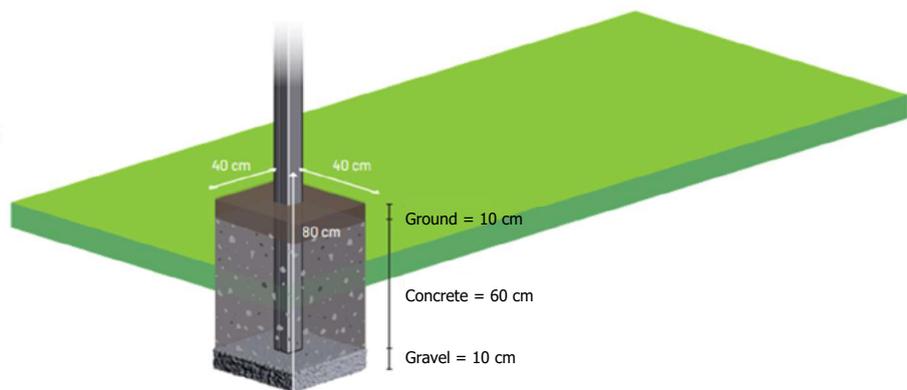


- 2 Dig the first hole,** keeping to a cross-section of 40x40cm and a depth of 80cm. Be sure to add a layer of gravel to the bottom of the hole the bottom of the hole before pouring the concrete.

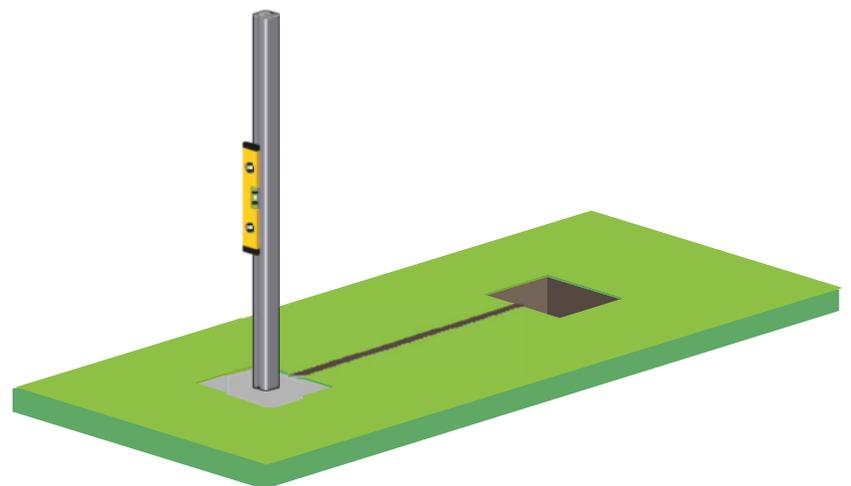
This step will promote natural drainage to prevent water from accumulating. In winter, when temperatures drop and the water in the ground freezes, there is a risk of pressure building up. If this pressure is not effectively released by drainage, it can lead to damage, or even explosion of the pole.

By ensuring that the water can drain freely you protect the durability of your fence against winter conditions.

"The installer remains responsible for assessing the necessary measures in the light of his expertise depending on the type of soil and the configuration of the configuration".

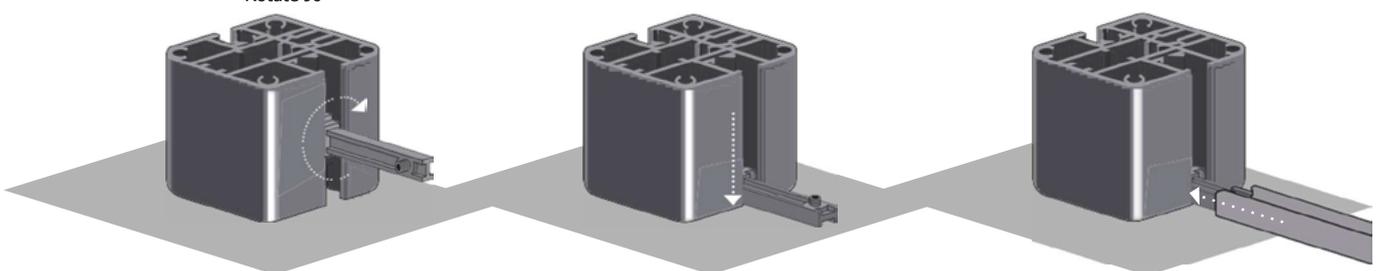


- 3 Place the first post** in the center of the hole and pour concrete mix into hole. While checking its level, then pack the concrete. Be careful, it must not be liquid.



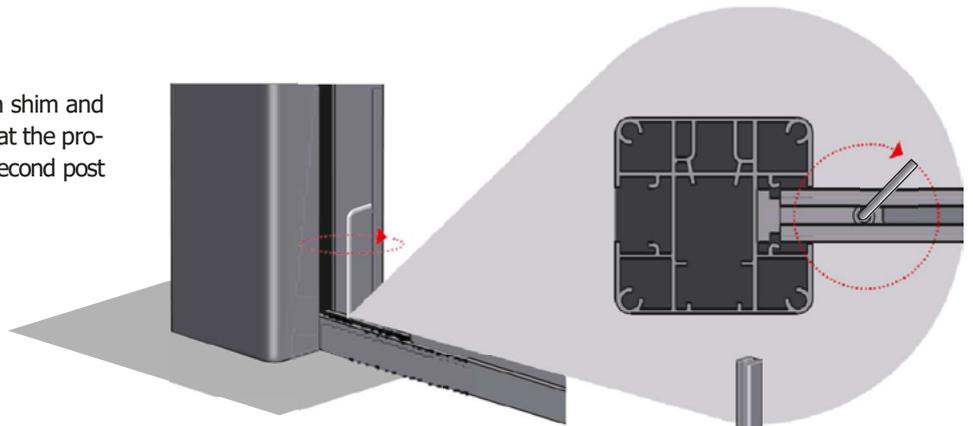
- 4 Install the installation wedge** in the groove in the post. This holds the bottom rail in place and ensures that there is enough expansion space between the post and the boards to prevent any distortion.

Insert the fixing block vertically into the bottom of the recess.
Rotate 90°

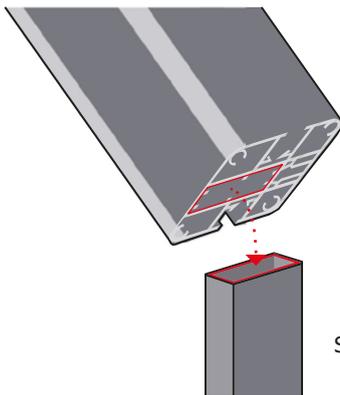


In the installation of composite fence installation, the use of at least 2 installation shims is mandatory to ensure the product warranty. However, this is not required for aluminum fence installation since the expansion is minimal.

- 5** Insert the lower rail into the installation shim and tighten using the Allen key No. 3. Repeat the process on the other side by securing the second post and inserting the second fixing block.



TIP : For fences over 1.80 m (5,90 ft), we recommend installing a steel insert in the post to ensure stability.



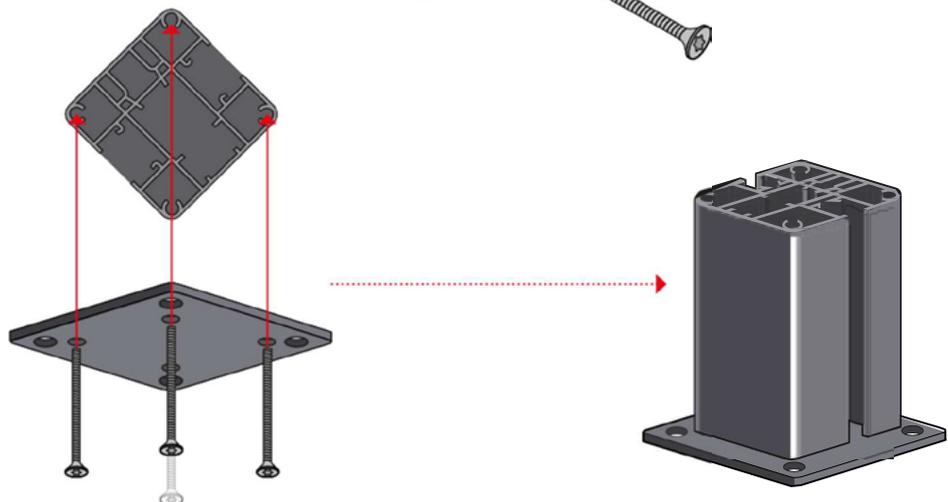
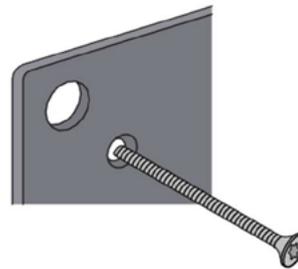
Steel insert



Base plate

For installation on a base plate, we advise you not to exceed 1.60 m (5,25ft) for reasons relating to wind resistance. The Elyte base plate is ideal for installation on plate or low wall.

- 1** Locate the four screw holes on the Elyte post for the **screws supplied** with the plate.
- 2** Screw the Elyte plate to the post using the four inner holes. **Screws for fixing the plate to the post included.**

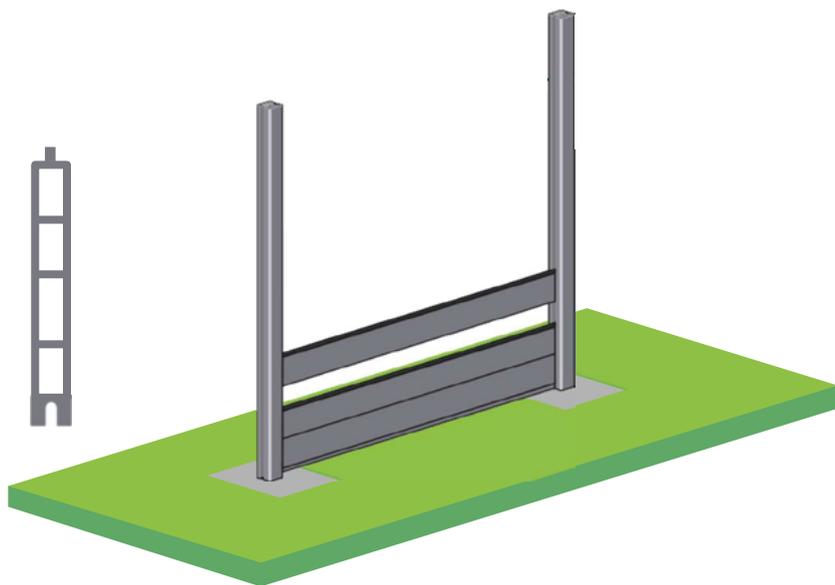


Composite

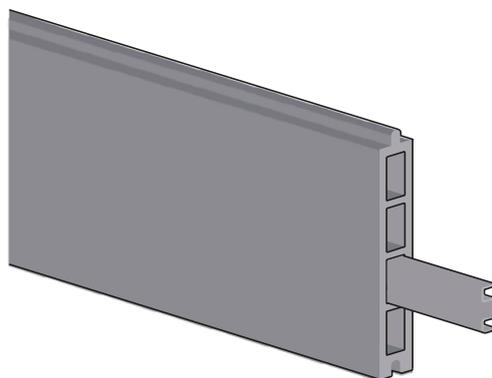
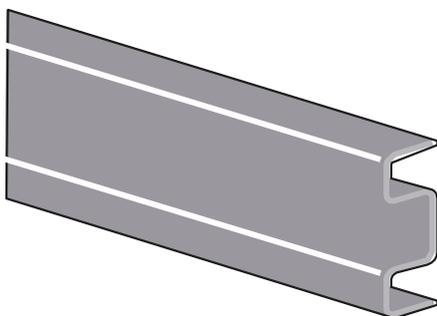
- 1 Fit the first intermediate slat into the bottom rail and repeat the operation with the others depending on the required height.

Pay attention to the direction of the slat, with the male part up and the female part down.

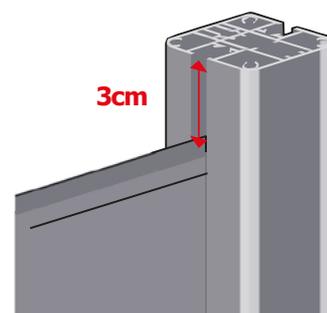
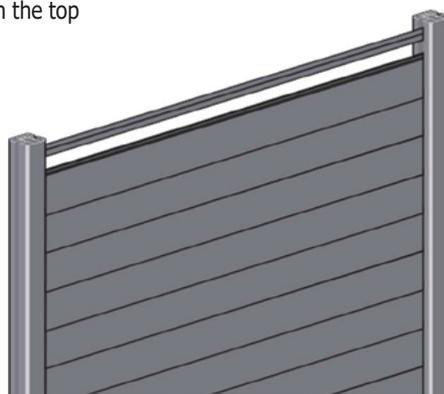
Make sure you align the slats according to their serial numbers, which can be found on the top edge of the slat.



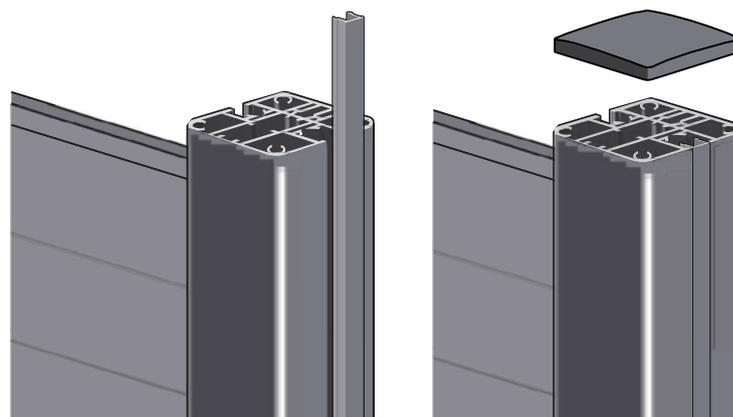
- 2 For every third slat, insert a reinforcement to guarantee the strength of the composite fence and prevent expansion and deformation.



- 3 Once all the slats have been fitted together, install the top rail, leaving 3 cm (1.18 inch) between the top of the post and the rail.



- 4 Insert the finishing clips into the rebate of the start and finish posts and fit the cap.



An aluminum fence is installed in the same way as a composite fence, except no board reinforcement strips are required

Assembly

Fence with composite slats with spacing.

The composite openwork slat creates a bay that lets the light through thanks to the spacers.

Typical composition for a fence H 1m80 X L 1m85 (H 5.9ft x L 6.07ft)

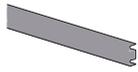
2 Posts



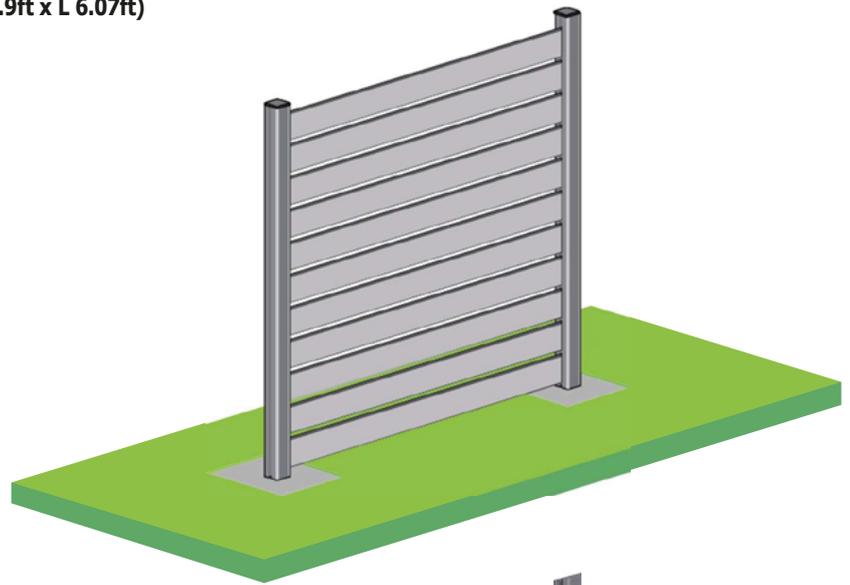
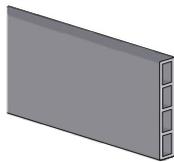
1 Bag of 22 spacers



11 Steel reinforcements

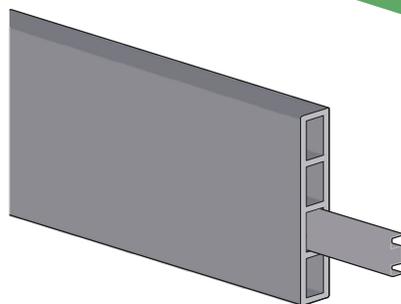
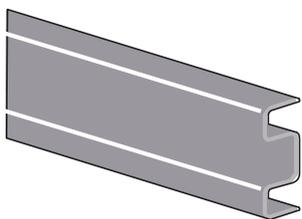
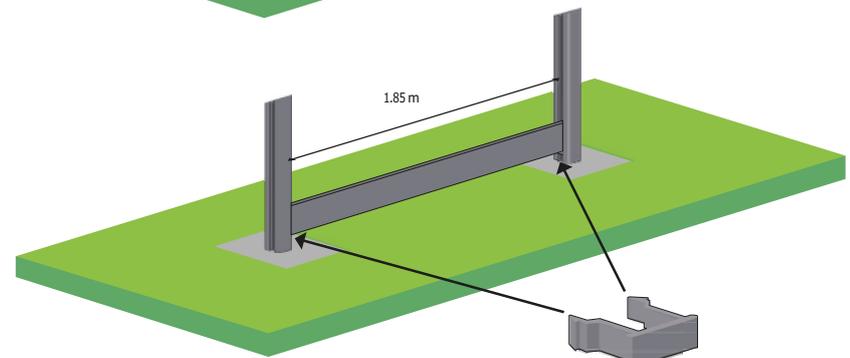


11 Openwork slats

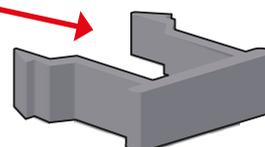
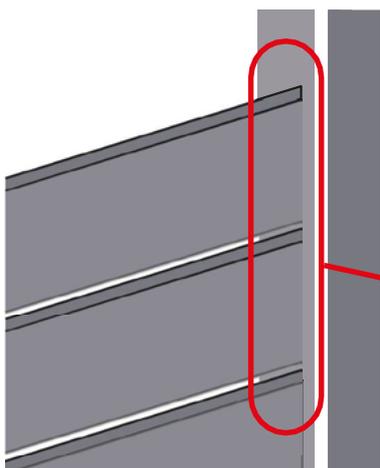
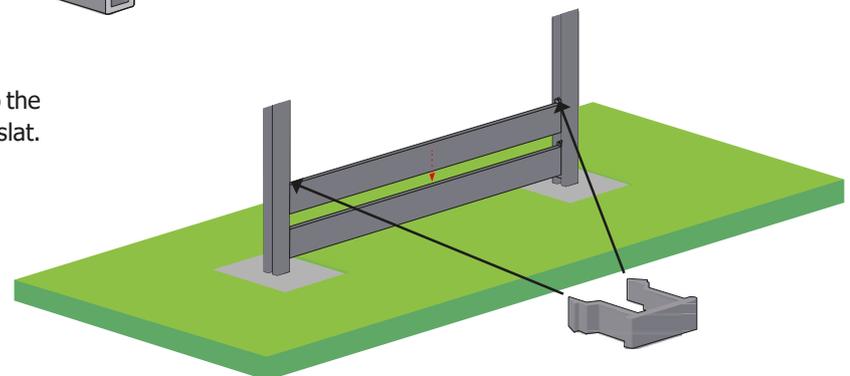


- 1 Slide two spacers into the post recess on the right and left to leave a **1.5 cm (0.59 inch)** gap.

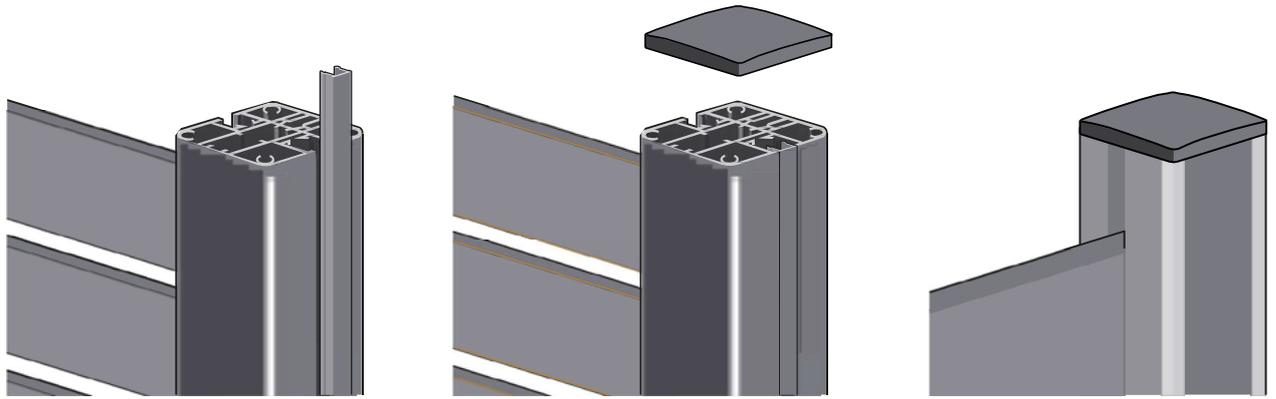
Insert a reinforcement in each openwork slat to ensure the strength of the fence.



- 2 Position the first openwork slat. Slide two spacers into the recess on the right and left of the post between each slat.



3 insert the finishing clips into the recess of the start and finish posts and clip-on the cap.



Assembly

Fence with composite slats with spacing.

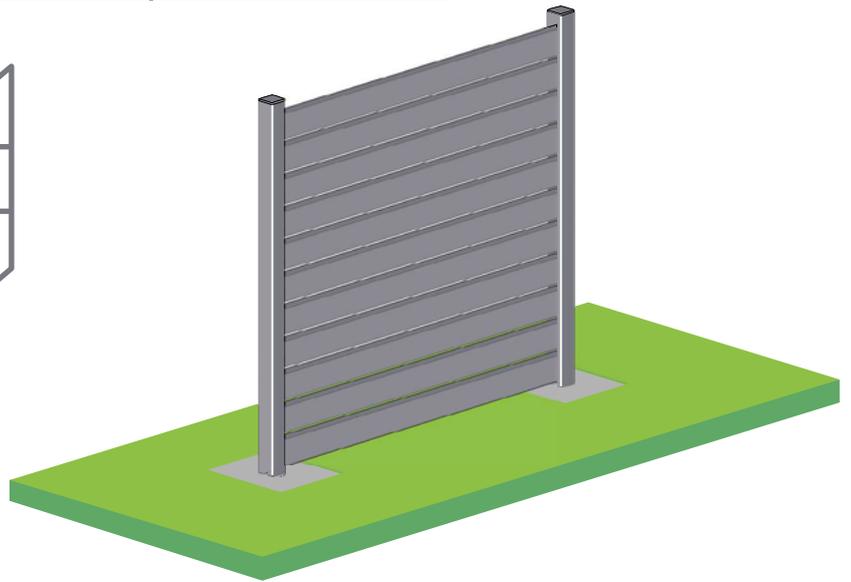
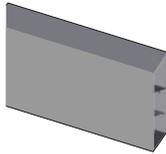
2 Posts



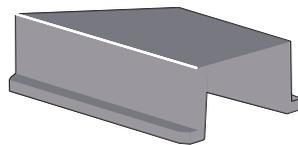
2 Bags of 24 spacers



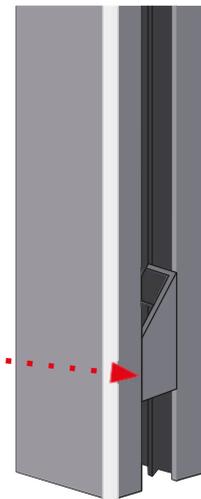
12 Louver slats



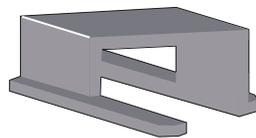
- 1 Insert the **two starter spacers** into the recess of the post, taking care to respect the direction of installation. (Each spacer is marked A or B on the back to help with installation).



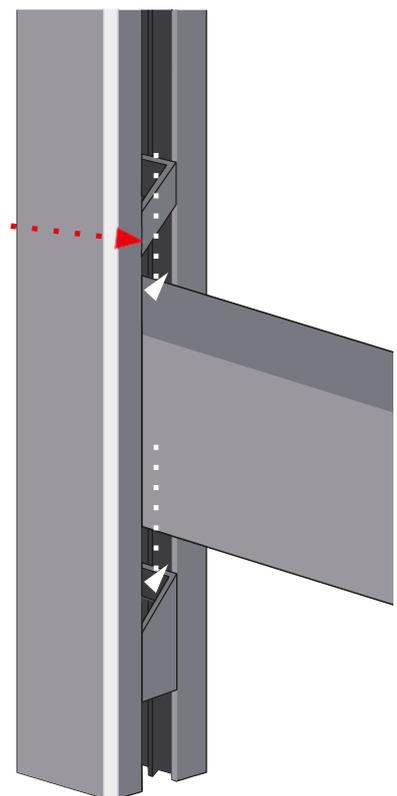
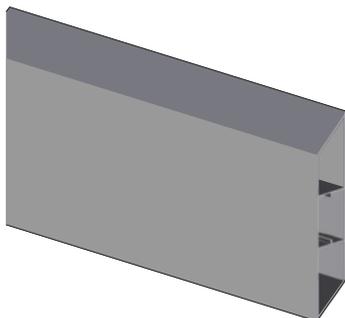
Starter spacers



- 2 Position the first louver above the starter spacers.

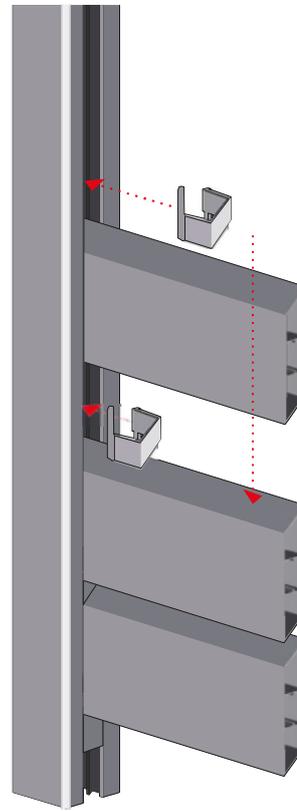


Spacers

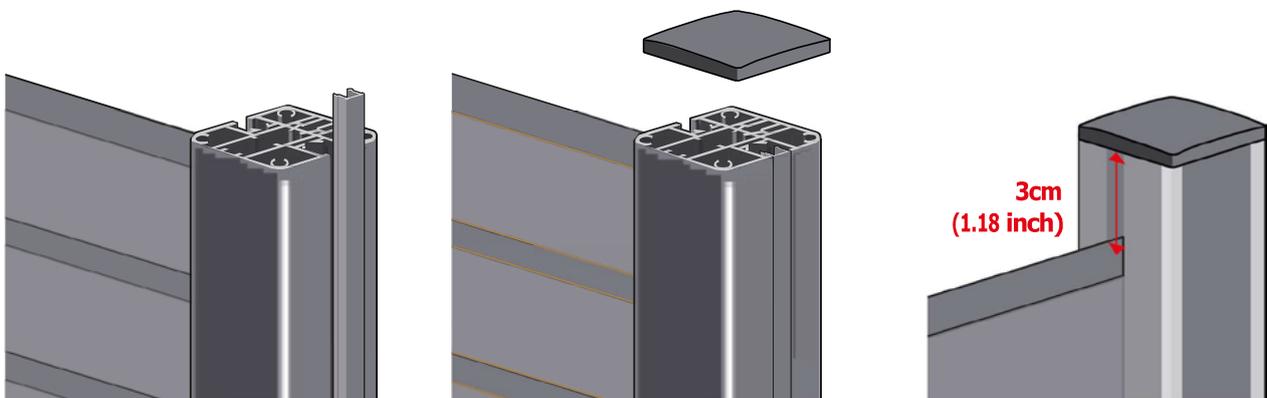


3 Insert the slat into the intermediate spacers A and B. Repeat the operation until the required height is reached.

A bag of 24 spacers is sufficient to assemble a bay up to 1.85 m high (6,09 ft). There are also 12-piece bags for fences up to 1m high.



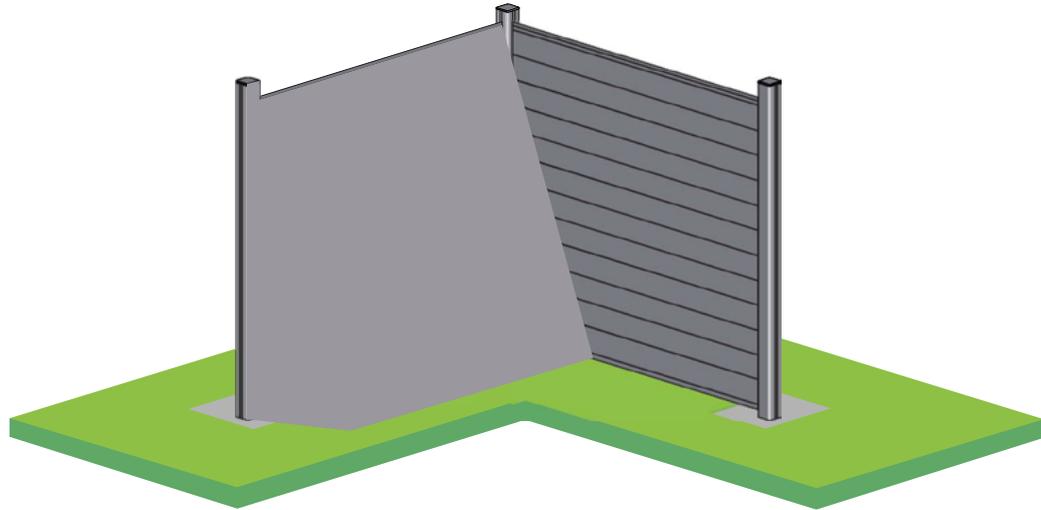
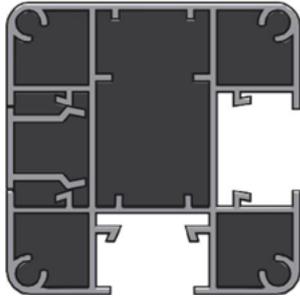
4 Insert the finishing clips into the recess of the start and finish posts and clip on the cap.



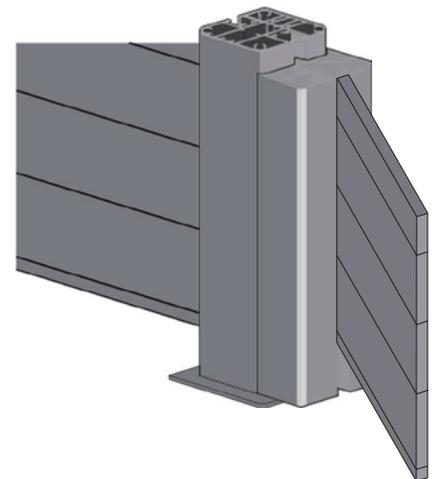
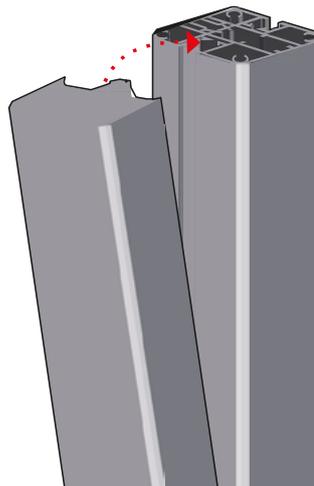
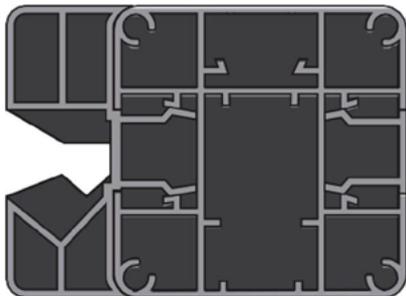
INSTALLATION OF A CORNER FENCE

When a fence has one or more corners, there are three possibilities:

A If the angle is equal to 90° , then continue with the same post



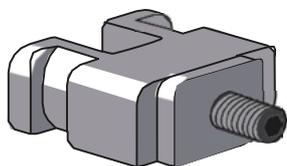
B If the angle is between 45° and 135° , use the post angle. This clips onto the Elyte post and allows the angle to be set.



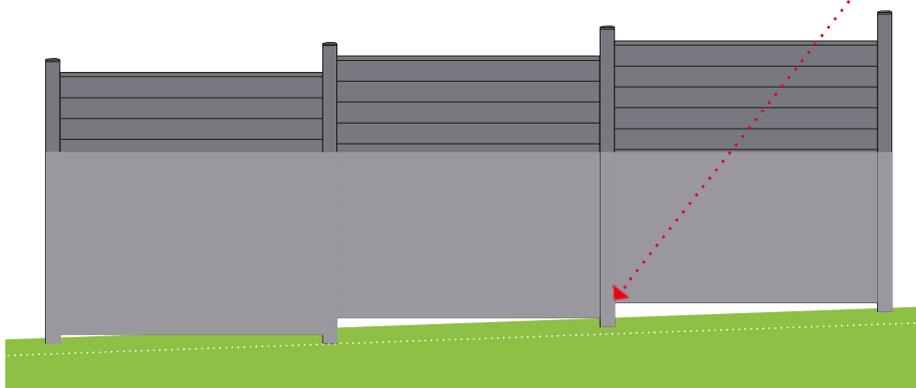
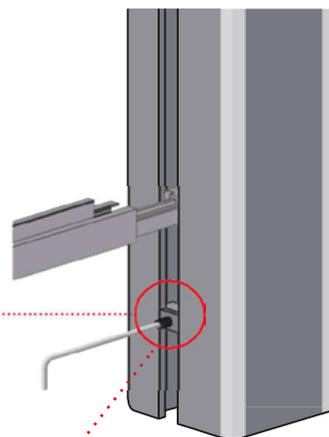
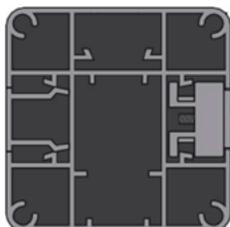
C If the angle is different from the configurations, it's necessary to double the post.

INSTALLING A FENCE ON SLOPING GROUND

You can use an **adjusting block** to install a fence on sloping ground. This is fixed with a **Allen key** under the bottom section, or under the first slat of the bay in the post rebate.



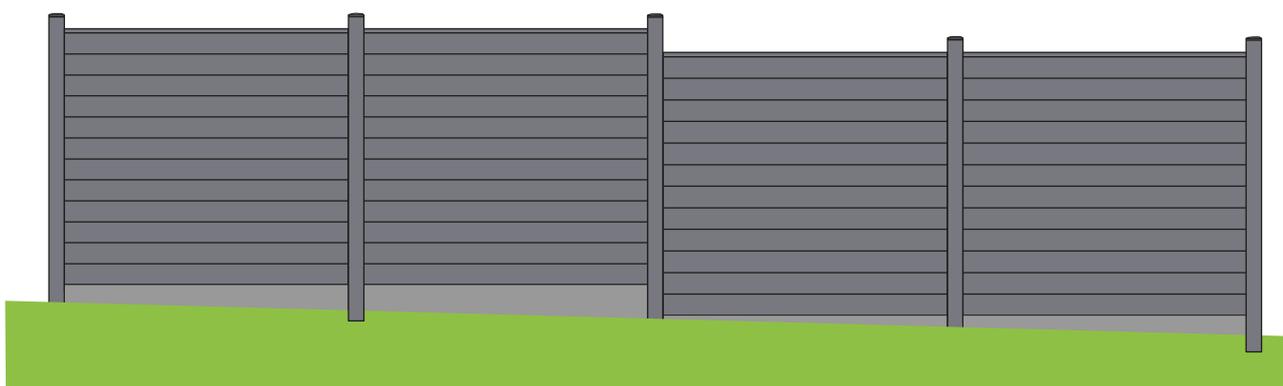
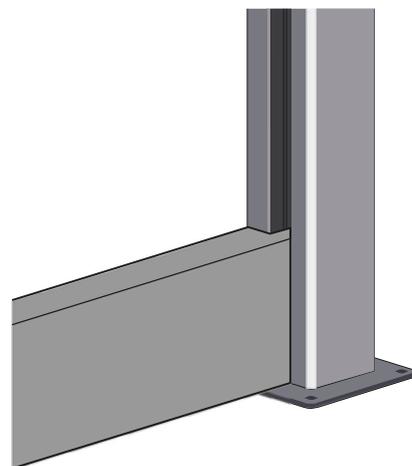
Adjusting block



The shims allow the positioning and height of the fence to be adapted. The slats can then be stacked to compensate for any unevenness.

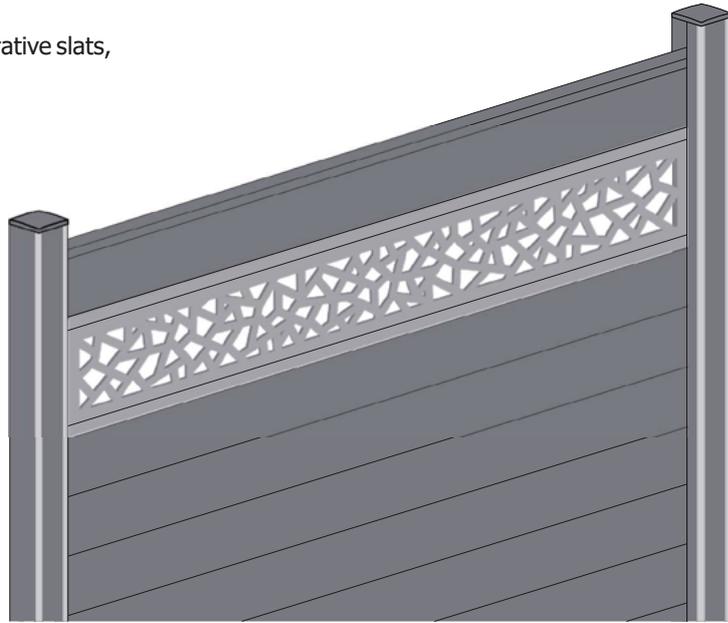
It is also possible to compensate for the unevenness of the ground by adding a concrete base plate. Part of this can be buried, to protect the fence when the lawn is mown.

The concrete base plate is tapered to fit perfectly into the recess of the post.



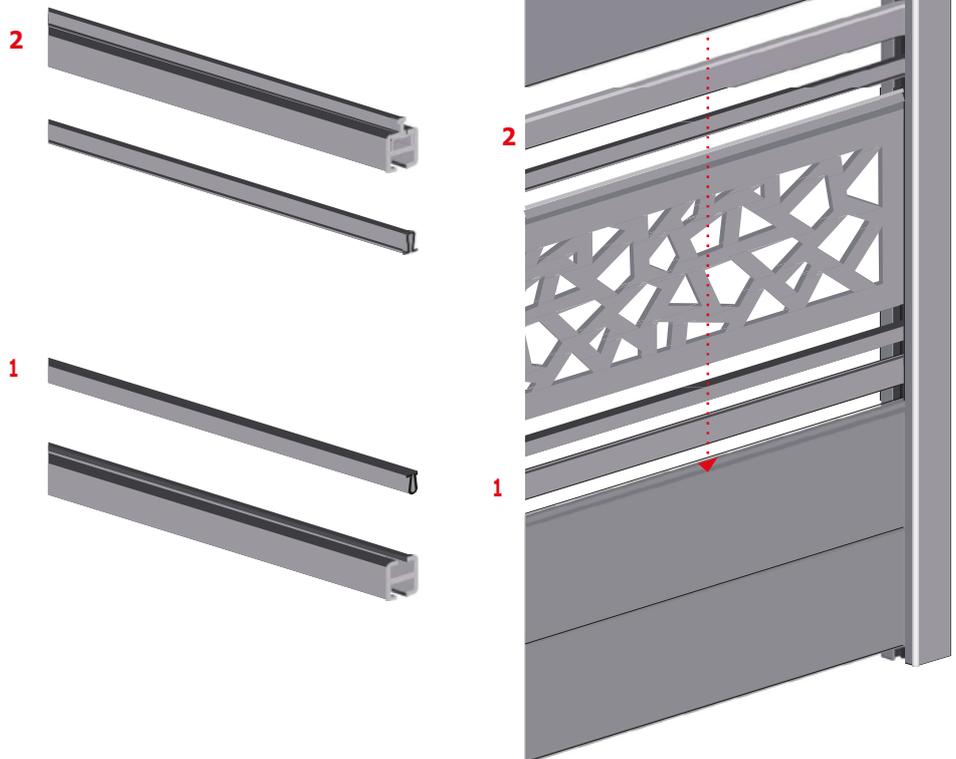
FENCE WITH DECORATIVE SLAT

You can personalize your fence with decorative slats, laid horizontally or vertically.



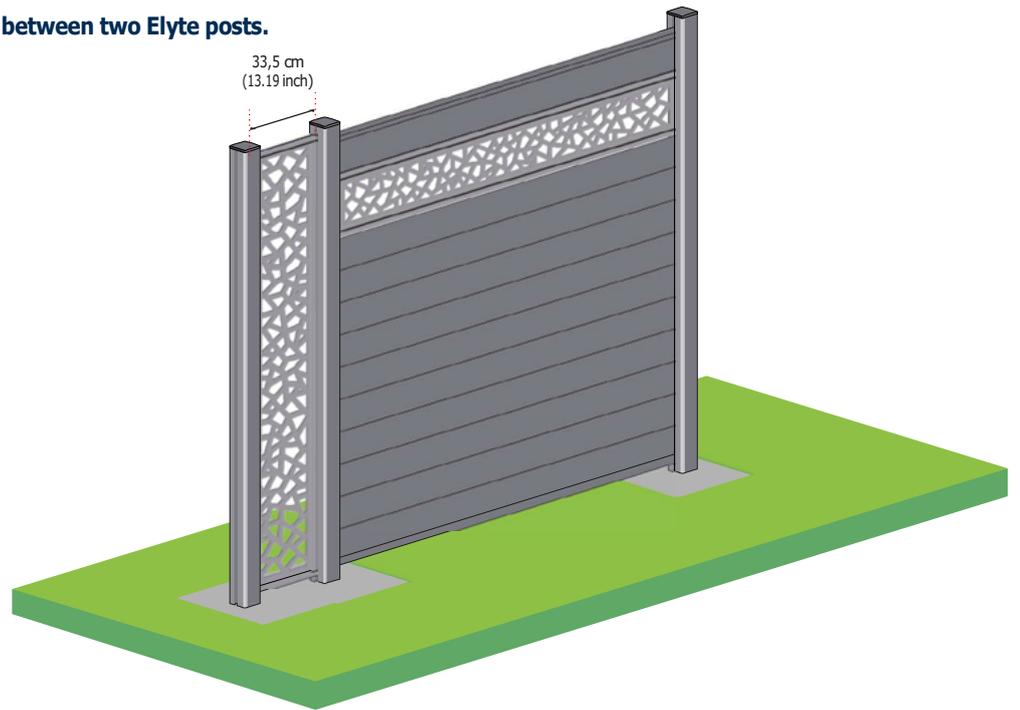
FOR HORIZONTAL INSTALLATION :

1. Replace two intermediate slats with a decorative slat.
To do this, use the framing kit.
Insert the seals (1) on each side of the decorative strip.
2. Insert the aluminium decorative slat.
3. Install the top part of the kit (2)

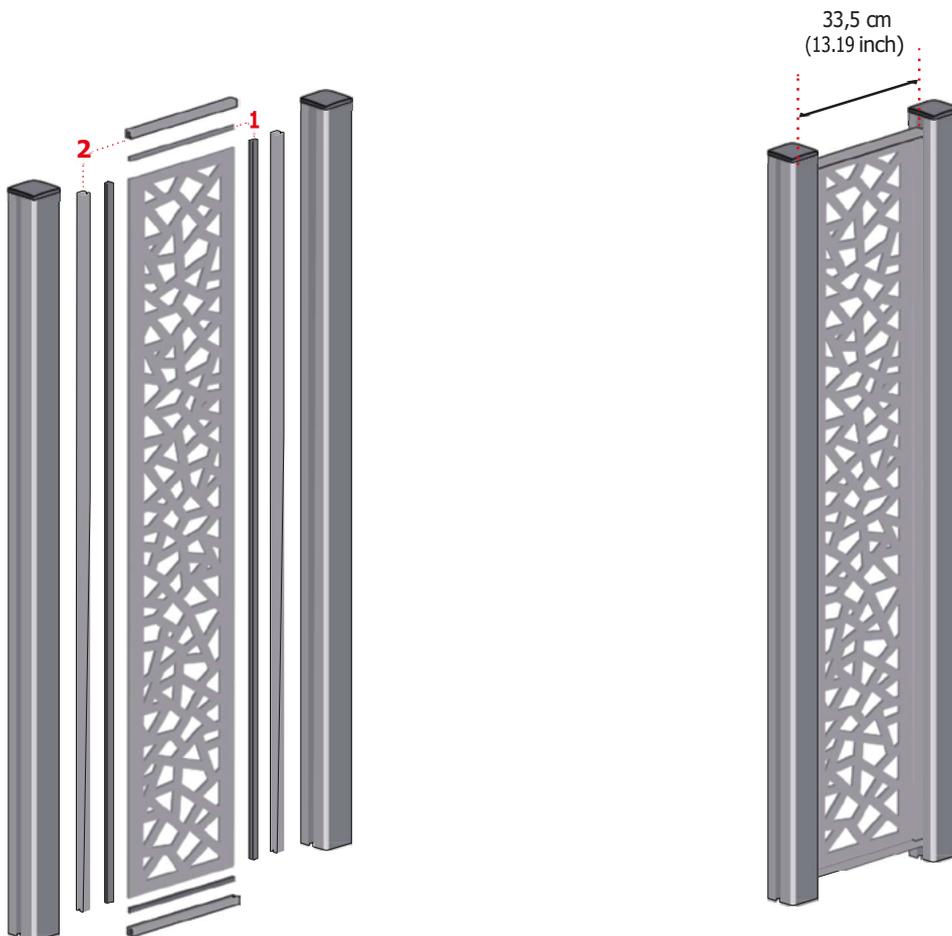


FOR VERTICAL INSTALLATION :

The vertical decorative slats fixed between two Elyte posts.



1. Installing the pole.
2. Installation of the seals (1) around the decorative slat.
3. Installation of the aluminum profiles (2) on the joints.
4. Insert the cut-out with its kit into the post.
5. Install your last post.



MAINTENANCE



When you install your new wood composite fence, you may notice some stains on your boards after the first rains.

Don't worry, these are caused by dust that was retained during the production of the product, particularly during final sanding.

This phenomenon only appears during the first rains and will disappear over time. Light-colored boards are often the most affected by these stains.

To avoid this, we recommend not storing your planks on the floor during installation. Lastly, composite wood tends to develop a patina over time, giving your fence a more natural, authentic look, the first stains will disappear.

To maintain your composite fence: We recommend cleaning it once a year with a sponge, clean water, and a cloth.

Avoid high-pressure water jets, which could damage your slats.