Slatted PSE Panel Gazebo (1800mm x 1800mm)

Component List

4 x Corner Posts (75mm x 75mm) 2100mm / 2700mm	**(A)**
3 x Roof / Side Slatted PSE Panel	**(B)**
2 x Roof Frame (92mm x 42mm) 1850mm	**(C)**
2 x Roof Frame (92mm x 42mm) 1940mm	**(D)**
2 x Internal Roof Framing (75mm x 47mm) 1850mm	**(E)**
2 x Internal Roof Framing (47mm x 47mm) 1765mm	**(F)**
26 x 75mm Coated Green Screws	**(FIX 1)**
16 x 100mm Frame Screws	**(FIX 2)**
8 x 150mm Frame Screws	**(FIX 3)**

Tools Required

Drill Driver

PZ2 Driver Bit

T30 Driver Bit

Pencil

Hand Saw

Tape Measure

Spirit Level

A minimum of two people are required to assemble this gazebo.

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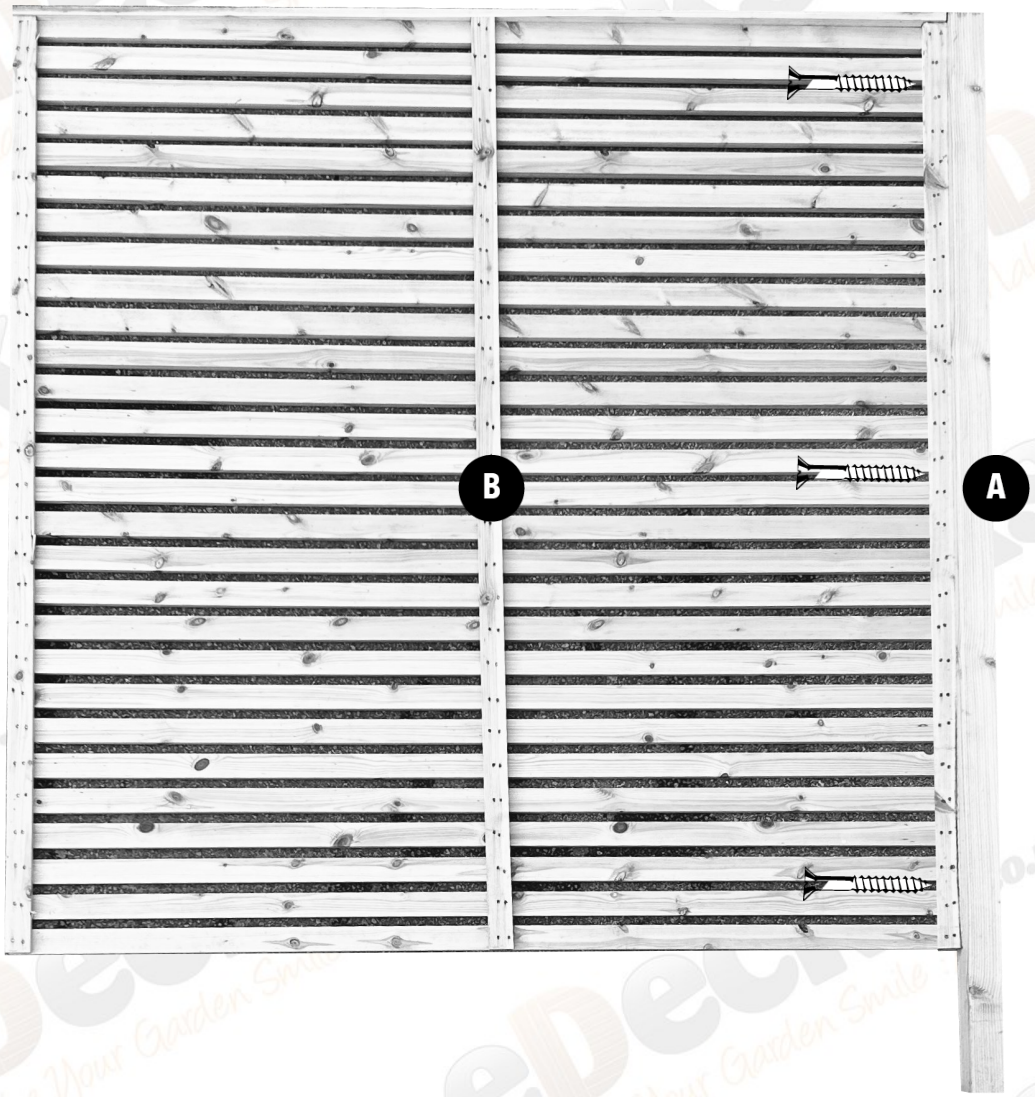
Step 1

To prevent splits, drill a pilot hole before driving screws

To begin your build, first start by laying down one of the Side Panels **(A)**, face down on the ground so that the framing is visible to you.

Attach the Side Panel **(B)** to 1 x Corner Post **(A)** using 3 x 75mm Coated Green Screws **(FIX 1)** as indicated below, driving the screws through the panel frame and into the posts.

The top of the panel **(B)** should sit flush with the top of the posts **(A)**.



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Step 2

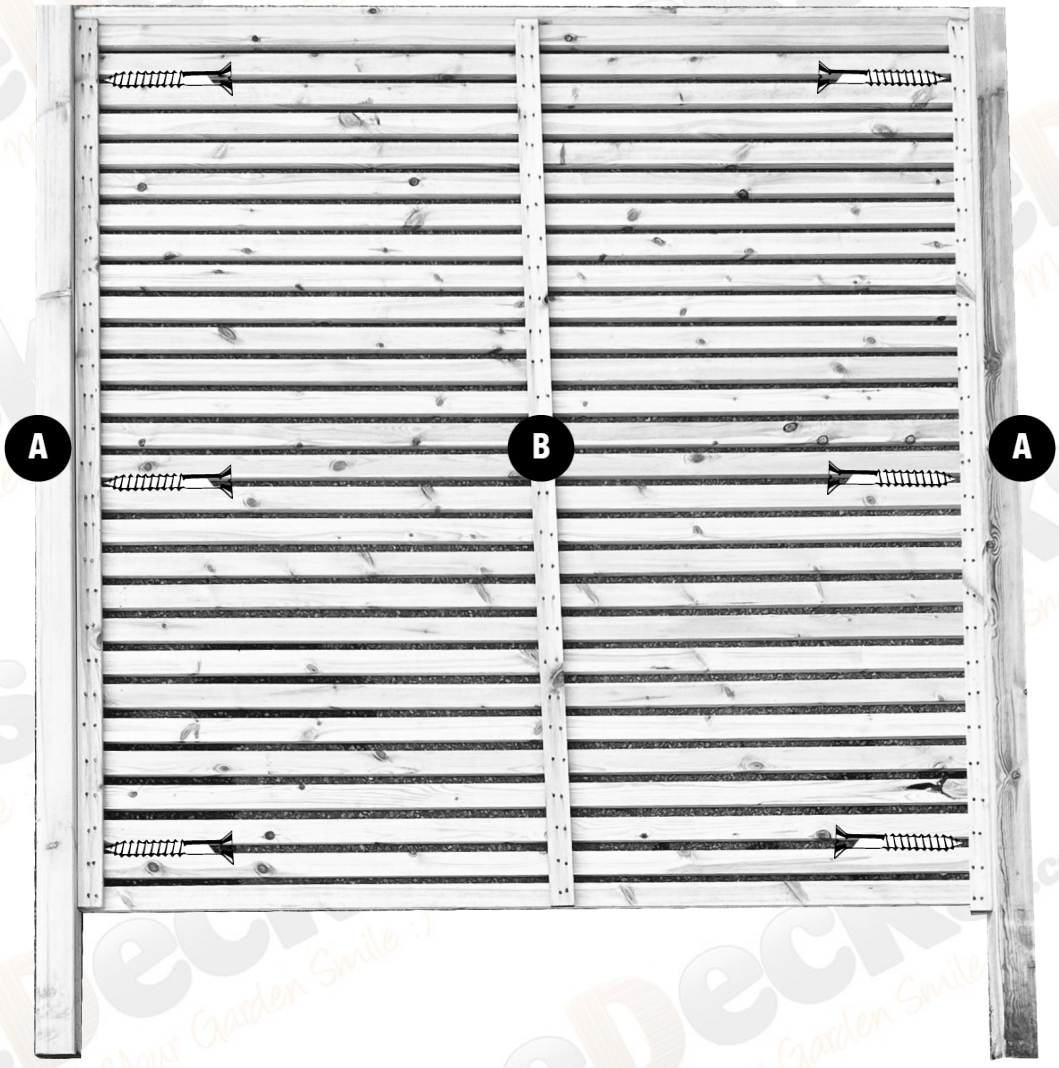
To prevent splits, drill a pilot hole before driving screws

The next step is similar to as you have just done in part 1.

Lay down another one of the Side Panels **(A)**, face down on the ground so that the framing is visible to you.

Attach the Side Panel **(B)** to 2 x Corner Posts **(A)** using 3 x 75mm Coated Green Screws **(FIX 1)** as indicated below, driving the screws through the panel frame and into the posts, just like you did in step 1 but this time on both sides.

The top of the panel **(B)** should sit flush with the top of the posts **(A)**.



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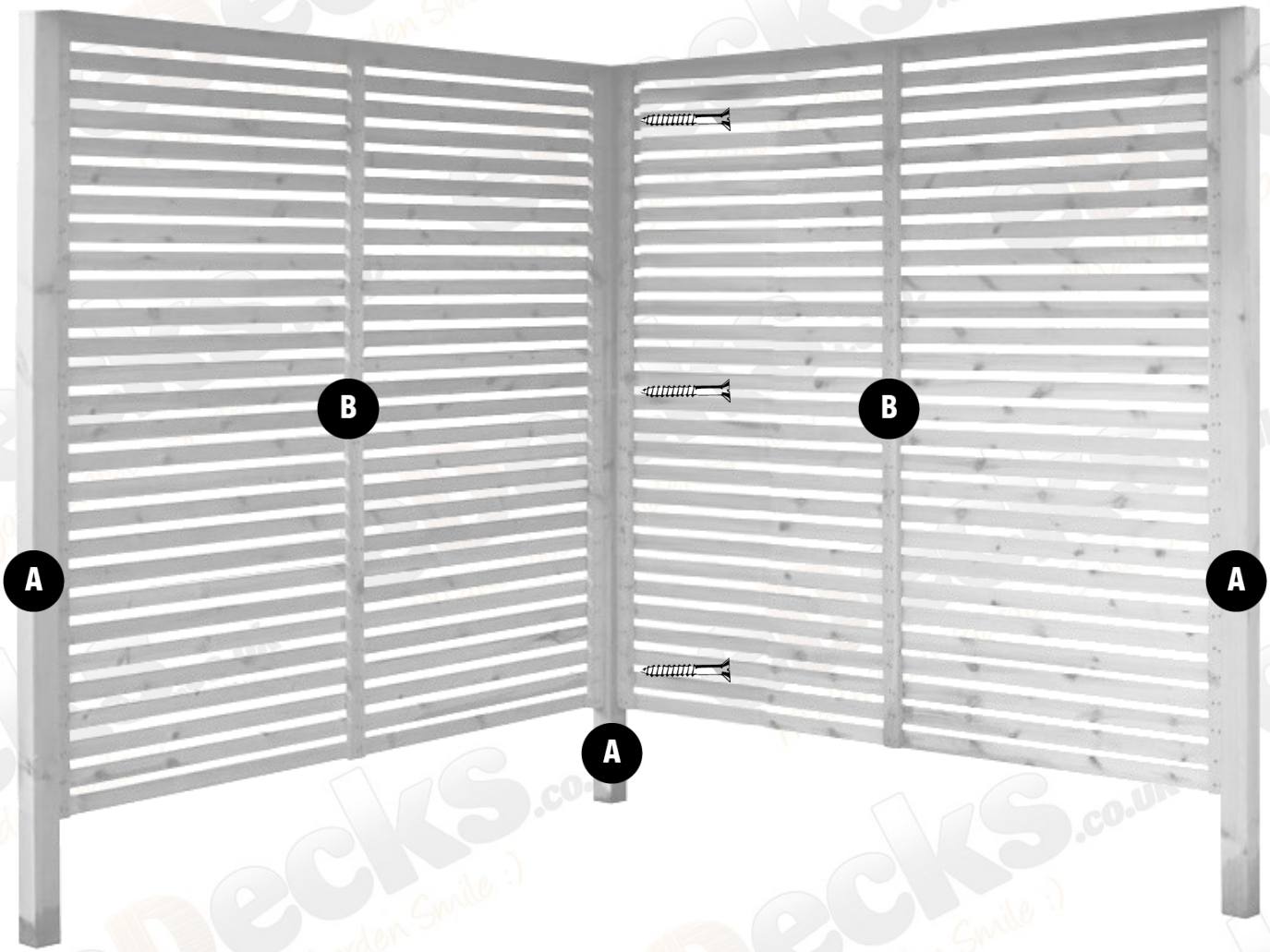
Step 3

To prevent splits, drill a pilot hole before driving screws

With the two parts you made in Steps 1 and 2, lift them up and fix them together using 3 x 75mm Coated Green Screws **(FIX 1)**.

When joined together the frame should be able to be freestanding.



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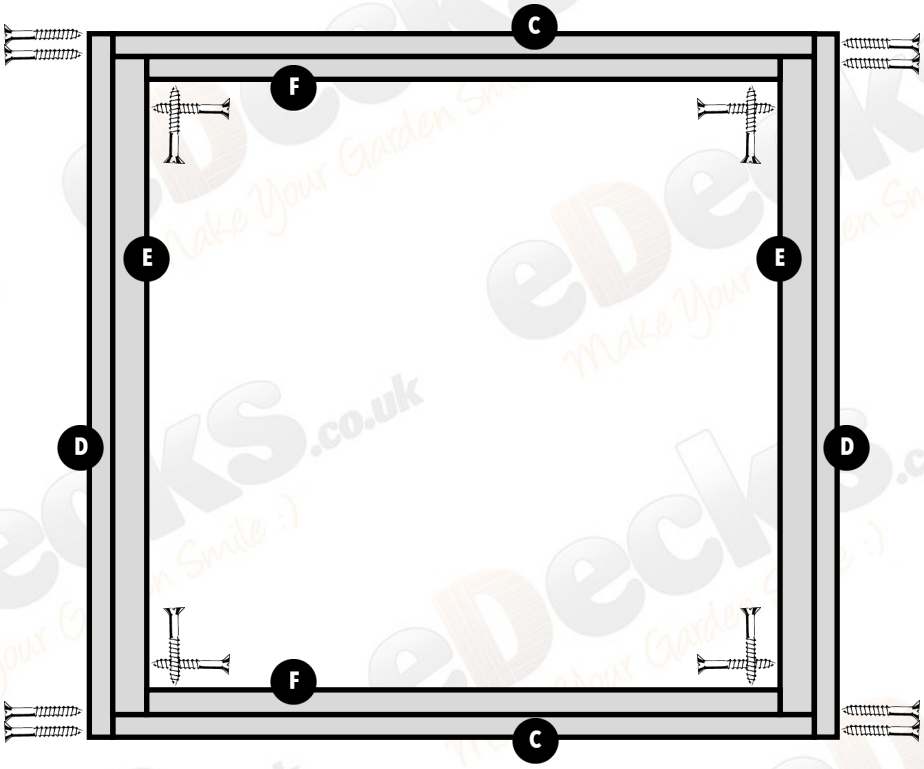
Step 4

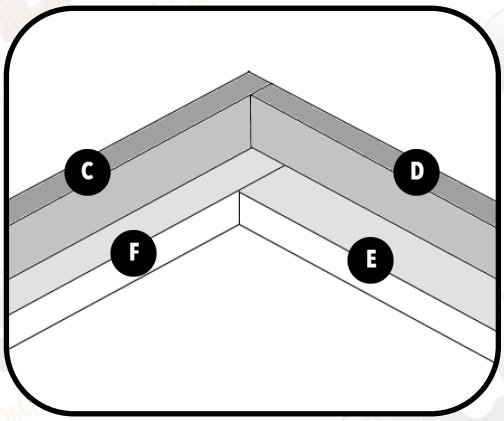
To prevent splits, drill a pilot hole before driving screws

With the sides now built you can move on to creating the roof frame. The roof frame is made using parts **(C)**, **(D)**, **(E)** and **(F)** and are all fixed together using 100mm Frame Screws **(FIX 2)**.

See the diagram below of how the pieces should be arranged, its critical that the diagram is followed to ensure the roof is square and fits properly on top of the posts / sides.

The inner frame of the roof is made using smaller timber and will when fixed into place create a rebated space for the roof panel to sit inside of, see the diagram at the bottom of the page for reference.





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Step 5

To prevent splits, drill a pilot hole before driving screws

You can now lift the roof into place and attach this to the two sides that have already been fastened together.

To secure the roof in place use 2 x 150mm Frame Screws **(FIX 3)** per corner, driving through the top of the roof frame and down into the corner posts below.

At this point the final post can also be installed which will hold up the roof in the corner that is currently not being supported, again using 2 x 150mm Frame Screws **(FIX 3)**.

Be careful to ensure the edge of the roof frame lines on flush with the outside edge of the corner posts.

FRONT VIEW

REAR VIEW

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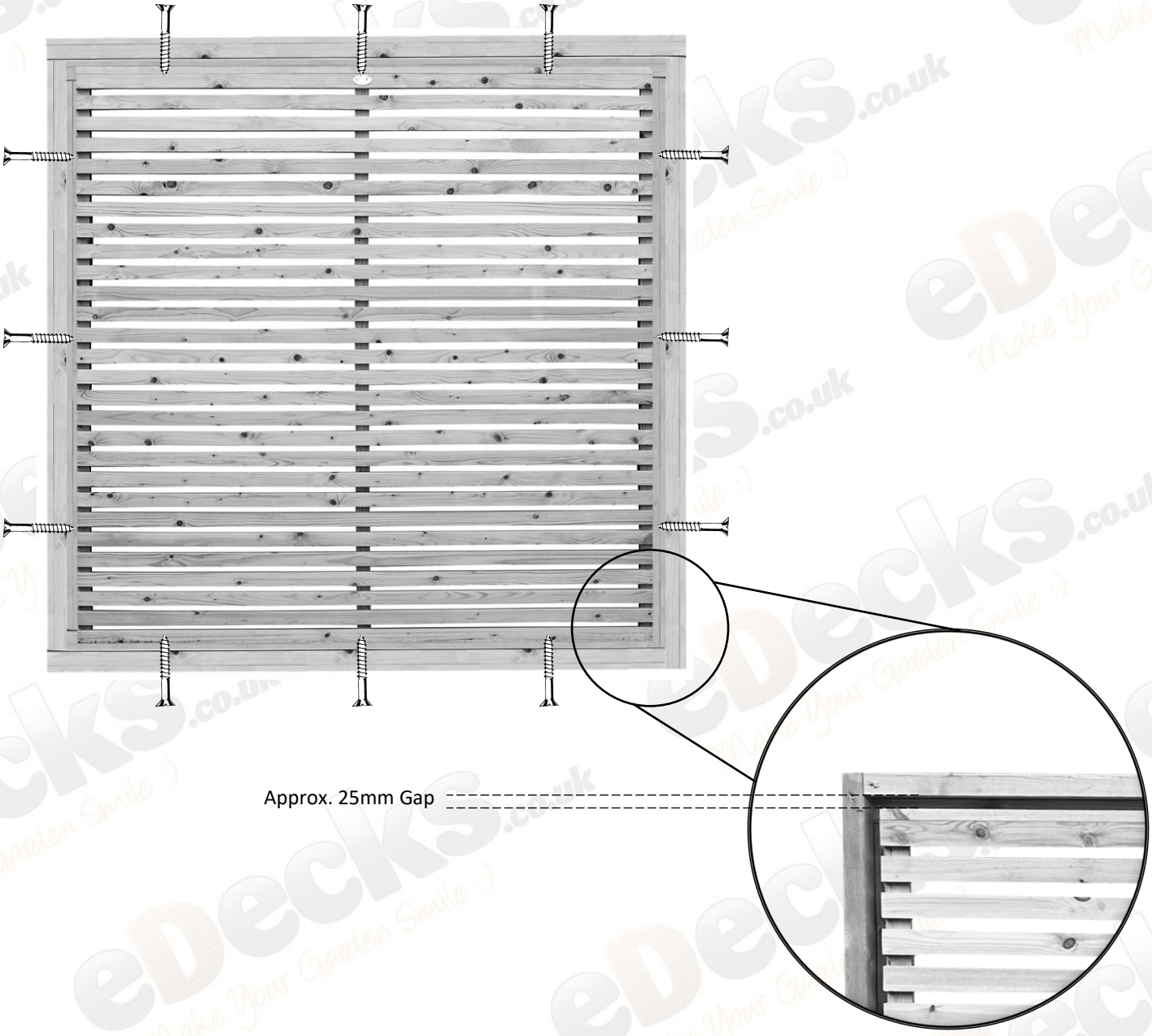
Step 6

To prevent splits, drill a pilot hole before driving screws

The finishing touch to your build is to lift the roof panel **(B)** into place and fix down using 12 x 75mm Coated Green Screws **(FIX 1)**, three per side, evenly spaced.

The roof panel will have a small amount of space all around it when placed into the roof frame, so do your best to centralise the panel when securing it.

The gap will not be visible from the underneath as the panel frame will cover this.

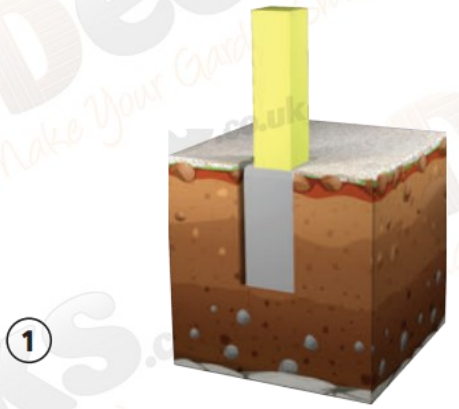


Setting Out The Corner Posts

Depending on your kit & post option you will need to follow one of the following options for each of the posts in your kit.

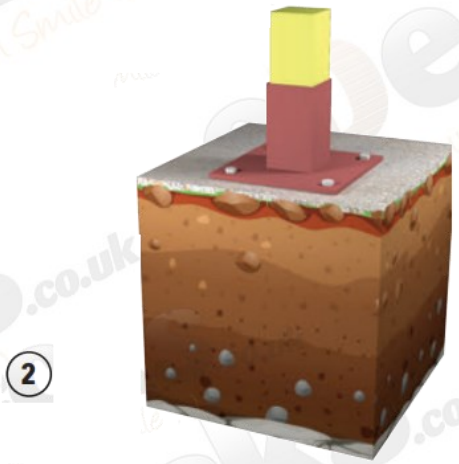
Option 1

Excavate holes for the pergola posts. These need to be to a depth of between 300mm and 600mm based on your preferred finished height, then filled with concrete / postmix (Sold Separately).



Option 2

Bolt Down Anchors - Attach the Bolt Down Anchor to your concrete area, drill an 8mm hole using an SDS drill bit, ensuring the hole depth is 10mm longer than the bolt length to allow for dust. Remove any loose dust and fix the bolt into place through the holes provided in the anchor. Slot your pergola post into the bolt down and tighten the 2 bolts at the side of the anchor to secure whilst making sure the post is straight.



Option 3

Steel Spikes - Using the Mett Driving tool and a sledge hammer or something equivalent drive the steel spike into the ground. Once post is in position tighten the 2 bolts on the side of the spike to secure post in place.

DON'T FORGET TO CHECK YOUR WORK WITH A LEVEL AS YOU GO AS IT IS CRITICAL THAT YOUR POSTS ARE AT EXACTLY THE SAME HEIGHT AND COMPLETELY STRAIGHT!

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Enjoy your new Slatted PSE Panel Gazebo!