

#### **Component List**

4 x Pergola Corner Posts (92mm x 92mm) 2700mm	(A)
2 x Roof Frame (92mm x 42mm) 2400mm	(B)
2 x Roof Frame (92mm x 42mm) 2315mm	(C)
4x Diagonal Roof Trusses (92mm x 42mm) 1600mm - Angle Cut	(D)
4x Side to Side Roof Trusses (92mm x 42mm) 1145mm - Angle Cut	(E)
8 x Corner Support Braces (92mm x 42mm) 470mm	(F)
1 x Roof Centre Block	(G)
4 x Triangular Roof Boards (OSB3)	(H)
2 x Frame Edging (100mm x 19mm) 2215mm	<b>(I)</b>
Roof Shingles	(J)
Roof Flashing / Ridge	(K)
6 x Side Hand / Base Rails 2205mm	(L)
3 x Rear Hand / Base Rails 2255mm	(M)
53 x 32mm Square Spindles	(N)
106 x 75mm Green Screws	(FIX1)
13mm Clout Nails	(FIX 2)
163 x 40mm Wood Screws	(FIX 3)
12 x 50mm Angle Brackets	(FIX 4)

#### **Tools Required**

**Drill Driver** 

**PZ2 Driver Bit** 

**Pencil** 

**Tape Measure** 

**Stanley Knife** 

**Hand Saw** 

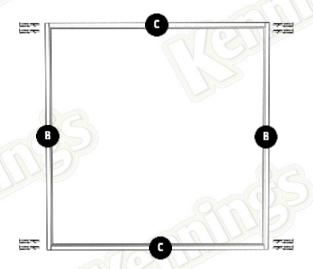
**Spirit Level** 

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



#### Step 1

The first thing that needs to be made is the square roof frame, this is created using parts (B) and (C) and fixed in place using 2 x 75mm Green Screws (FIX1) in each corner.

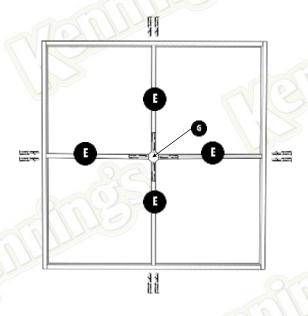


#### Step 2

Once the roof frame is made the first set of rafters can be installed.

Using a tape measure, find the middle of each side of the frame that you have just built and attach rafters (E) to the frame using 2 x 75mm Green Screws (FIX1) at the bottom, repeat four times until all are fixed in position.

Once the four rafters are attached, you can insert roof centre block **(G)** which will join all four rafters together to form an apex, fix in place using 1 x 75mm Green Screws **(FIX1)** per rafter.

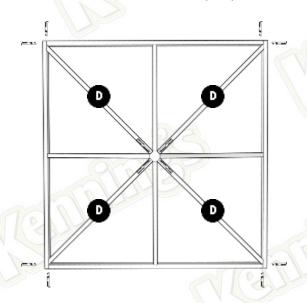


Page 2 of 10



## Step 3

To complete the roof frame the diagonal rafters (D) can now be installed, similarly to the ones in the previous step, again, fixed into position with 2 x 75mm Green Screws (FIX1) into the frame and one screw into the centre block.



#### **Attention**

To ensure a snug fit, the diagonal rafters (D) may require some slight trimming at the centre block end.

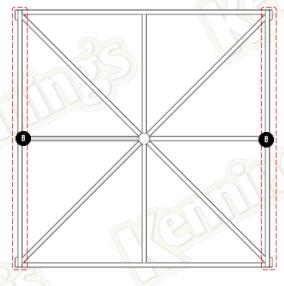
#### Step 4

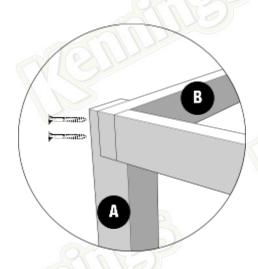
With the roof frame built, the four corner posts (A) can now be installed.

It is important that the both posts are installed on the same side of the frame, see diagram below for clarification, if this isn't adhered to the rest of the build wont fit together properly.

The post are notched at one side leaving an upright on one edge, this goes to the outside of the frame and is secured in place using 2 x 75mm Green Screws (FIX 1) per corner.

IMPORTANT: This will require a minimum of 2-4 people, do not attempt alone!



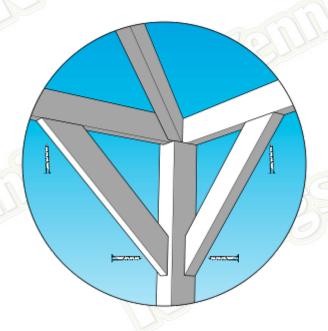


Page 3 of 10



#### Step 5

In all four corners, install the support braces 470mm (F) and secure in position using 2 x 75mm Green Screws (FIX 1).

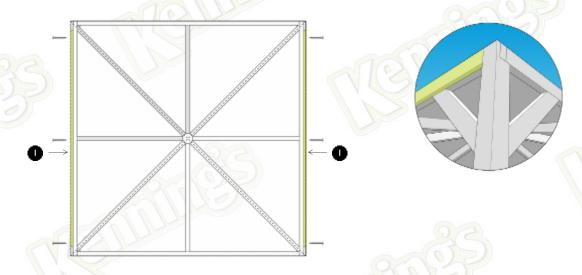


#### Step 6

As post have been fastened to the outside edge of two side of the pergola this creates a slightly off square finish, so to level things up it is at this point that you install the 2 x Frame Edging pieces (I).

These are supplied slightly oversize so that you can trim them to be an exact fit.

To secure in place use 3 x 75mm Green Screws (FIX1) per side as indicated below.



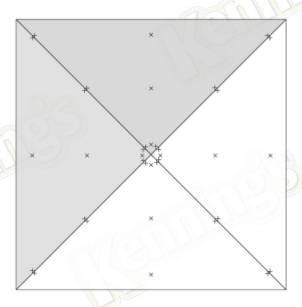
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Page 4 of 10



#### Step 7

Now that the pergola has the legs fastened into position, the triangular roof boards (OSB3) (H) can be lifted up and into position and fastened to the frame using 9 x 75mm Green Screws (FIX1) per piece as indicated below.

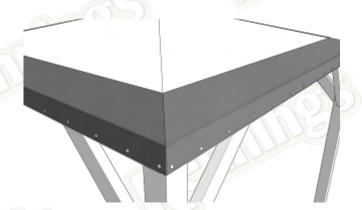


#### Step 8

Now that the roof is fully constructed the roof flashing (K) can be installed around the bottom of the frame edges.

Starting in one corner, line up the flashing bottom edge flush with roof frame and secure in place using approx. 16 x 13mm clout nails (FIX 2) at 150mm spacing's.

One roll will cover three sides, so the second roll will need to opened to the finish and get back to where you started, please allow a small amount of overlap to ensure a water tight seal. In the corners you will be required to cut the flashing so that it can be folded over to create a neat edge. The flashing that stands proud of the frame is folded down flat to the roof surface and secured in place using approx. 16 x 13mm clout nails (FIX 2) as per the edging.





Page 5 of 10

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#### Step 9

Once the flashing is installed around all four edges and secured in place the roof shingles (J) can be fixed into position.

Starting in one corner at the bottom of the roof, the first row are laid as per the below diagram., with the outermost edge sitting just off from the ridge of the roof. Subsequent shingles are then added side by side until the other corner is reached, these are held in place with 2 x clout nails (FIX2) per tile.

When moving up to subsequent rows the shingles will need to be cut along the ridge line to cover edge to edge, do not throw away any excess as these will be suitable for other sections of the roof when working up towards the top.



Page 6 of 10



#### **Step 10**

When you have your roof fully covered in shingles on all four sides, the ridge capping **(K)** can be added to make the roof watertight and cover any slight gaps between the shingles where they meet at the edges.

This need to be installed in 3 pieces as per the diagram below and fixed in place using clout nails (FIX2).

2 x pieces from the centre apex down to the corner

1 x piece in one continual length from corner to corner

The ends should over run the corners and be folded around and nailed to the frame as per the image below.

Do not attempt to put this on in 2 continual lengths from corner to corner as this will create a bulge at the apex and not allow the capping to be fastened down correctly and seal.



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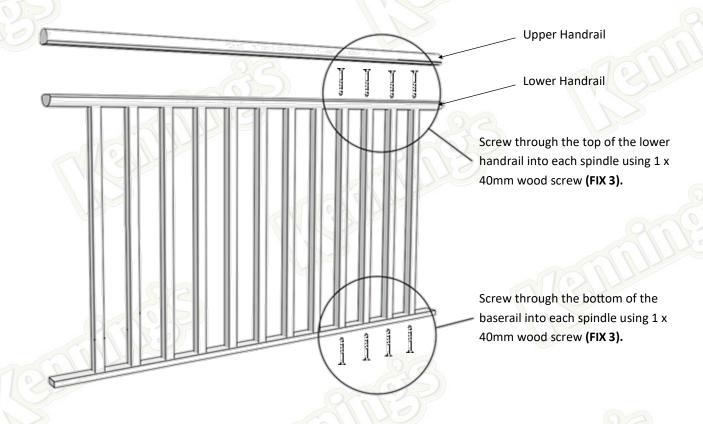
Page 7 of 10



#### **Step 11**

To fix the spindles you should screw into each spindle from under the baserail and through the top of the lower handrail, space the spindles so they are evenly spaced with approx. 125mm gap between each.

Construction of the sides and rear are the same, however the rear will use 19 spindles whereas the side only require 17.



Complete the handrail section by fixing the upper part of the handrail to the lower part of the handrail using 3 x 40mm Wood Screws (FIX 3), one at each end and one in the middle, screwing through the underside of the lower handrail into the top part of the handrail



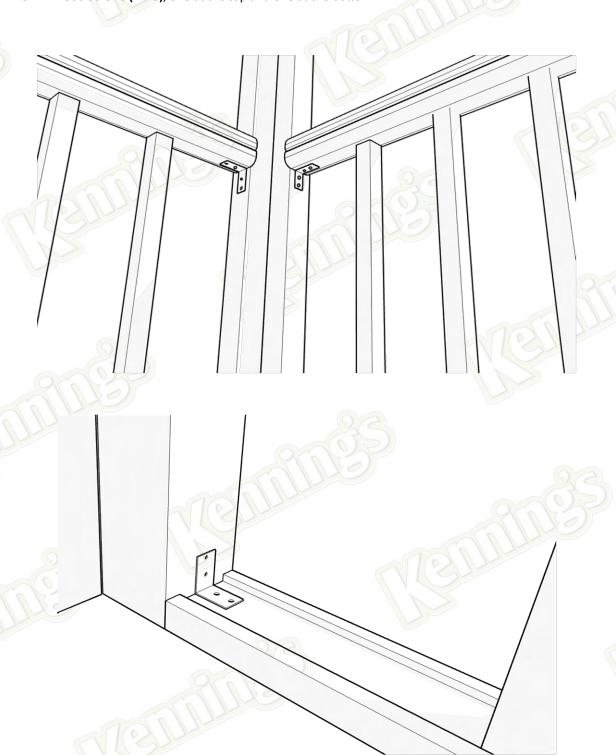
Page 8 of 10

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## **Step 12**

Once the handrail sections are complete they can be attached to the Corner Posts (A) using a 50mm angle bracket (FIX 4) and 4 x 40mm Wood Screws (FIX 3), one at the top and one at the bottom.



Page 9 of 10





Enjoy your new Classico Deluxe Gazebo!

Page 10 of 10