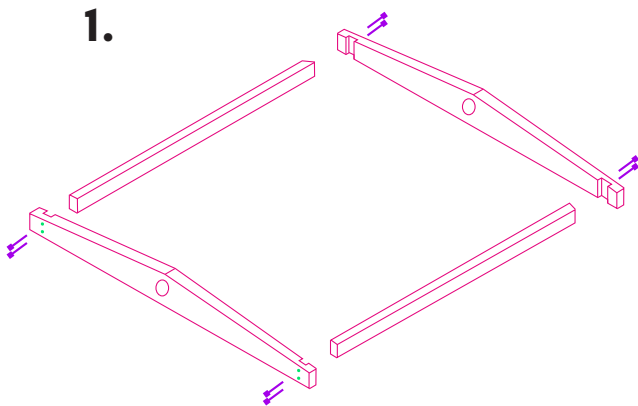


ASSEMBLY INSTRUCTIONS

BUDGET W.B.C. ROOF

Included: 2 x Gable Ends, 2 x Joists, 4 x Laths, 4 or 6 x Roof Boards, 2 x Roof Metals, 1 x Roof Ridge, 2 x Plastic Cone Escapes, Glue, 8 x Escutcheon Pins, 68 x 1" Nails, 20 x 1" Wire Nails, 8 x 1½" Nails, 4 x 2" Nails

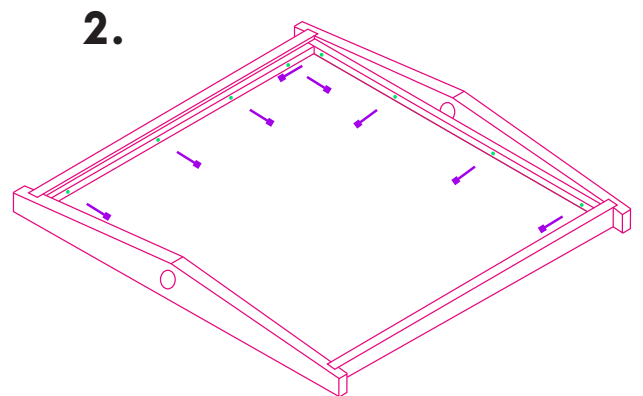
Tools needed: Hammer, Set Square, Punch, Drill, Pencil, Clear Silicone



1. Firstly you will need 2 x gable ends, 2 x joists and 8 x 1½" nails. Make sure you have the joists the right way round so that the bevel edge is at the top and in line with the slope of the gable ends. Glue and nail in place with 2 x 1½" nails per corner. It may be easier to mark and pre-drill these holes.

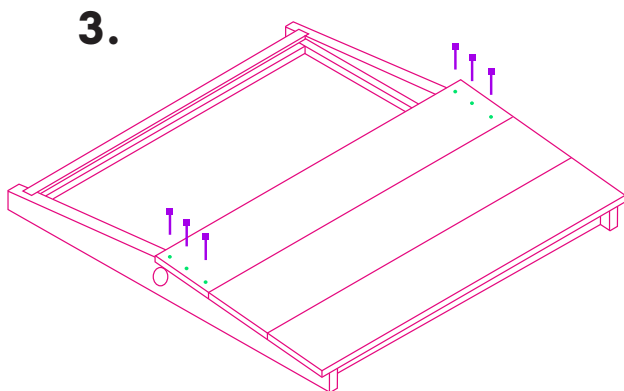
2. Next you will need 4 x laths and 16 x 1" nails. Attach the longer laths to the gable ends a laths depth (½") up from bottom using glue then 4 x 1" nails (make sure these go in at a slight angle). Then repeat with the other 2 laths onto the joist side, again a laths depth (½") up from bottom using glue and 4 x 1" nails (again at a slight angle).

CHECK THE FRAME IS SQUARE BEFORE MOVING ONTO THE NEXT STEP.



3A. You now need the roof boards, your hive will come with either 4 or 6 of these. The diagram shows the 6 board option, 3 on each side. With the 6 board option, you will have 2 boards with a single bevel edge, 2 boards with two straight sides and 2 boards with the rain channel.

3B. Get the boards with the single beveled edge and line this up with the apex of the gable making sure the over hang is equal on each side, glue and nail into place with 3 x 1" nails each end. It might be easier to mark a line where you nails need to go to make sure you are hitting the gable end underneath. *Continued on next page...*



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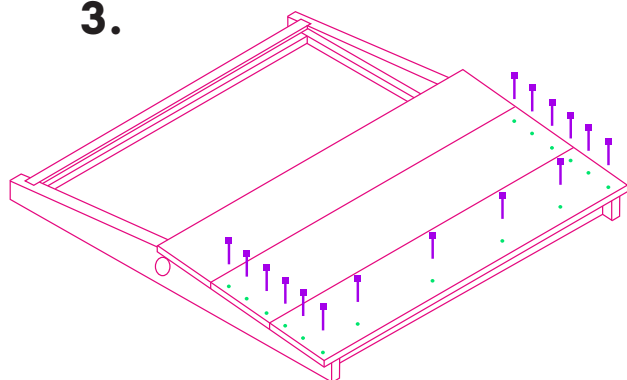
01673 858555

sales@thorne.co.uk



BUDGET W.B.C. ROOF *continued...*

3.



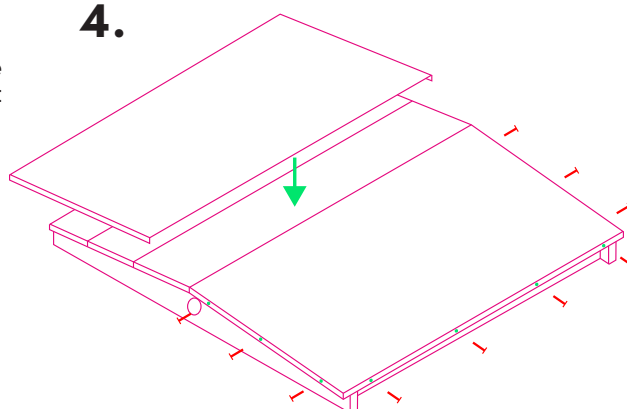
3C. Now attached the board with the two straight edges, again gluing (including along the edge of the board you just fixed down) and nail with 3 x 1" nails at each end.

3D. The last board will be the one with the rain channel, the rain channel should be facing down and at the edge of the roof. Glue and nail in place with 3 x 1" nails at each end, plus 4 x 1" nails along the edge, as shown in the diagram. Again it might be easier to measure and draw a pencil line where these nails need to go to hit the joist underneath.

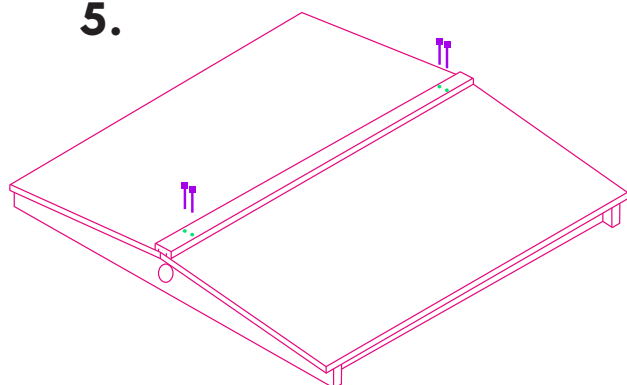
3E. Repeat on the other side. Once you have all roof boards in place, run a bead of clear silicone along the apex on the top and underneath.

4. You now need the 2 x roof metals and 20 x 1" wire nails. Position the metals one at a time onto the roof boards and nail into place. You will find it easier to use a rampin to create dents for your nails. (If you have opted for the copper roof, you may feel the need to drill the holes) Use 3 x nails on the shorter ends, and 4 x nails on the longer ends.

4.



5.

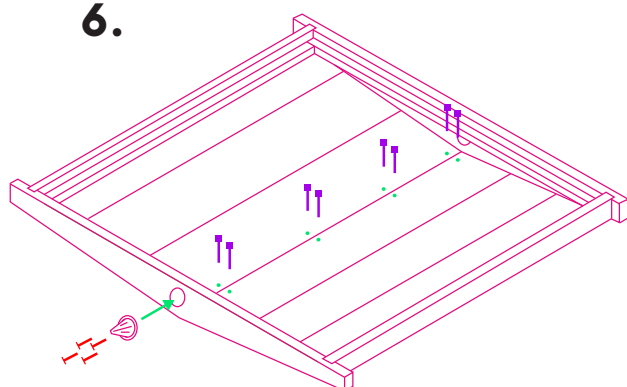


5. Next add the roof ridge along the apex of the roof, nail into place with 2 x 2" nails at each end making sure you miss the circular holes and still hit the gable end underneath, again you might find it easier to measure and mark where the nails should go.

6A. Once you have the roof ridge in place, nail the ridge from the underneath with 8 x 1" nails.

6B. Lastly, attach the cone escapes in place over the circular holes using 4 x escutcheon pins per escape.

6.



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