



Watch how to assemble a gabled roof on our YouTube channel

GABLED ROOF

Suitable for National, Commercial, W.B.C and Langstroth Hives

Kit Consists Of:

- 2 x End Piece (A)
- 2 x Edge Piece (B)
- 2 x Plywood Panel
- 2 x Metal Cover
- 1 x Ridge
- 4 x Strip
- 1 x Cone Escape
- 1 x Mesh
- 1 x Packet 1", 1 1/2", 3/4" nails & screws

Essential Tools:

- Hammer
- Pinchers
- Screwdriver
- Pencil
- Ruler

Advisable Tools:

- 2 x 2' Sash Cramps

ASSEMBLY INSTRUCTIONS:

1. Take one end piece (A) and put glue in the grooves.
2. Push the edge pieces (B) into the grooves. If tight, sand ends of (B). Ensure the top of piece B is flush with piece A.
3. Fix the other end in the same way. Make sure that the frame is square, by measuring the two diagonals, which should be the same.
4. Nail this together, ensuring that the frame stays square.
5. Take one plywood panel and place in position as shown in the diagram.
6. Glue may be placed on the edges of the frame first if required. *(This panel needs to be the correct way around so that the two plywood panels will fit together snugly at the angle of the roof).*
7. The centre of the roof should be over the middle of the two holes in the end pieces, and the overhang should be equal at the two ends. Mark a line on the plywood (see diagram) to show the nailing position.
8. Lightly tap in 4 nails, just to hold the panel in place.
9. Repeat for the other panel.
10. Again, make sure that the panels fit together correctly at the centre of the roof, and that there is a constant overhang around the edges.
11. Now fix on securely by nailing in place properly.
12. Fix one of the metal covers in place. Nail the three central nails along the long side first, (these nails are at the edge of the roof, and not the centre), then nail the four nails on each of the short sides, and then nail the two corners, folding any overlap under this piece to give a neat and tidy corner. Use a sharp nail to pierce metal first.
13. Repeat for the other cover.
14. Screw the ridge in place as shown on the diagram, (make sure that the ridge is central by measuring to the edge of the roof on each side) by drilling holes from the inside of the roof through the plywood and metal roof cover. It is useful to keep the ridge in place during this operation by securing it with two G-Clamps.

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15. Fix the mesh and the cone escape as shown, using $\frac{3}{4}$ " nails.
16. Fix the four bars in place (using 1" nails). These bars should be $1\frac{1}{4}$ " above the base of the roof for National, Commercial and Langstroth and $\frac{5}{8}$ " for WBC (to allow plastic rapid feeder to fit under roof).
17. The parts of the underside of the roof panels exposed to the weather and edges in particular, must be treated to stop the absorption of moisture.
18. Note the way they fit together before gluing.

