



Bat Box Assembly Instructions

Thank you for purchasing a *fauNature* bat box/roosting hollow. It is hoped the box will give you many hours of enjoyment while it provides a much-needed home to one of the many species currently facing a “Housing Crisis.”

These instructions are designed to be used in conjunction with the installation brochure (please refer to our website).

Components included:

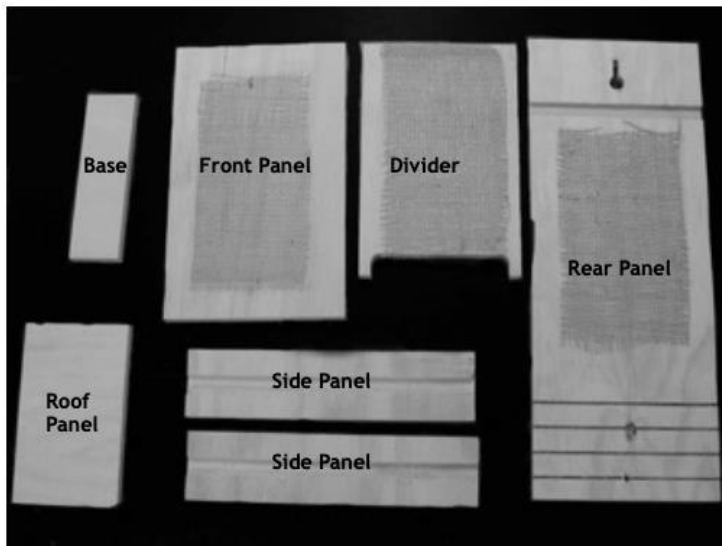
- Wooden Panels - rounded dimensions provided.
 - o 2 Side panels – SP (29x7cm)
 - o Rear panel – RP (50x19cm)
 - o Front panel – FP (31x19cm)
 - o Roof – RF (11x19cm)
 - o Base – BA (5.5x19cm)
 - o Divider – Dv (27x17cm)
- 2 x 40mm galvanised screws
- 4 x 15mm galvanised screws
- 12 x 40mm galvanised nails
- 2 x 100mm hex head screws (not for assembly - to attach box to a tree)
- 1 x galvanised hinge
- 2 x PV Spacers

Additional Materials Required

1. Water resistant wood glue.
2. Electric/cordless drill and drill bits: 1) 2mm and 2) 3.5mm.
3. 40mm galvanised screw (12) can be substituted for the 40mm galvanised nail screw if you prefer.

Note: If fixing the hollow with screws it is not essential to use wood glue as well, however, the glue will ensure the end product is well sealed from wind and rain. If using screws, it is important to pre-drill the holes (3.5mm bit) to ensure the screws take easily and the ply does not split. Alternatively, if you are using the nails provided, while not essential it may also be useful to pre-drill the holes (2mm bit).

Assembling the “Hollow”



1. Affixing Roof to the Rear Panel

- Select the Roof Panel (RF) and Rear Panel (RP) from the wooden components.
- Run glue along the rebated groove at top of RP, near key hole, and spread the glue so there is a good covering.
- Slip the long side of the RF into the rebate/groove of the RP.
- Turn the RF and RP over, while holding in the RF place and align sides so they are flush.
- Nail the RP to the RF using 2 nails, one on either side.

2. Affixing the Side Panels to the Rear Panel

- Select the 2 Side Panels (SP), check the routed groove, if they are centred continue. However if they are slightly off centre ensure the respective SPs are mirror images of each other, with the wider space towards the RP.
- Position the RP so it is lying flat on the bench and the RF is away from you. Place the SPs along the edge of the RP, abutting the RF, with the grooves facing internally.
- Run glue along the edges of the SP to be affixed to the RP and RF. Repeat with second SP.
- Carefully stand construction up - with the RP hanging over the edge of a bench and resting on the bases of the SPs. Pre-drill a pilot hole and then drive a nail through the RF (towards the front) into each of the SPs, ensuring the SPs are tight up against the RP/RF and the edges are aligned.
- Lay the construction on its front, resting on the SPs, with the RF now overhanging the edge of the bench.
- After checking the alignment of the SPs with the RP, pre-drill a pilot hole, then hammer in one nail at either end, first on one side and then the other.

Now set the RP construction aside to dry, while the next stage of the assembly is complete.

3. Affixing Front Panel to the Base

- Select the Front Panel (FP) and the Base Panel (BA).
- Run glue along the top edge of the BA and then align with the bottom edge of the FP.
- Turn the panels over, while maintaining their positions and place on bench, supporting the top end so it is at a similar height to the BA.
- Nail the FP to the BA, using one nail at either end.

Now the various components will be joined together...

4. Affixing the Front Panel construction to the Rear Panel assemblage

- Place the RP assemblage flat on the bench, with the RF and SPs facing up.
- Take the FP construction and slip it along the top edges of side panels, with the BA face down, until the FP abuts to the RF.
- Ensure the construction is roughly square.
- Take the hinge and place at the junction of the FP and RF, roughly in the centre, with the larger hinge face lying on the FP.
- Screw the hinge to the FP using the 15mm screw, then screw the hinge to the RF.

5. Insert the Divider

- The remaining wooded piece, with the hessian and the 20mm gap at one end is the Divider (Dv).
- Slide this into place along the rebated channels in the SPs, ensuring that the rebated section is toward the base. The Dv can be inserted either way, if there is a gap at either end.
- If the Dv sticks or is difficult to slide, run a wax candle along both edges of the Dv, as this will ease the process.

6. Securing the Front Assemblage

- Towards the base of the FP drill two holes through the FP and into the SPs, each will be ~5cm up from the base.
- Drive the 40mm galvanised screws into place. This will now secure the box.

Well done - assembly is now complete. Set the box aside for the glue to dry, make sure the Front Assemblage will not be fixed in place by any excess glue displaced while attaching the roof.



Leave the hollow to dry for at least 24 hours.

Painting the “Hollow”

There are a number of options in painting the “Hollow”. You can use either use outdoor timber/furniture oil or a water-based acrylic paint.

Lanotec™ is used by fauNature, however Tung Oil based products can also be used. The benefit of using these products is that they are amongst the most environmentally friendly treatments available and look natural. However, re- application is likely to be required every 12-24 months to ensure the “Hollow” continues to be protected from the elements.

Water based paints are also a good treatment option. Products like Cabot's® TimberColour® or Wattyl's® Solagard® are amongst the more environmentally friendly paints available. The benefit of these is a range of colours, though pale, muted colours are typically used (greens, greys or browns), and that an initial application (typically two coats – following manufacturer's instructions) is likely to last for the life of the box.

Allow the “Hollow” to dry as per the manufacturer's instructions. Remember to dry the box with the door ajar, so it does not stick. Once dry the box can provide much needed habitat.

Congratulations!! The box can be installed at your leisure – following the directions provided in the installation brochure (please refer to our website).

Further information

If you require further information, please visit the *fauNature*™ website or contact us.



Any feedback to help us provide the products or services you may be looking for is most welcome. © 2022.

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