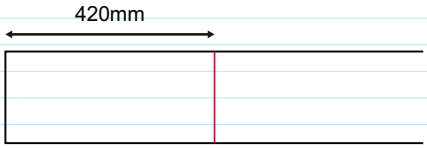
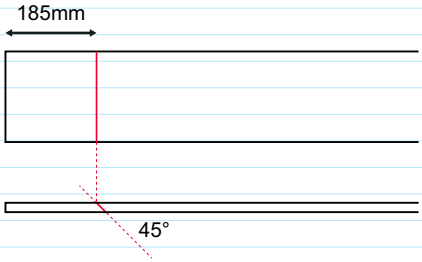
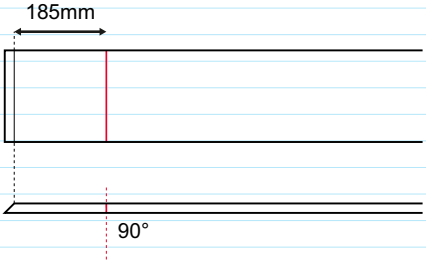


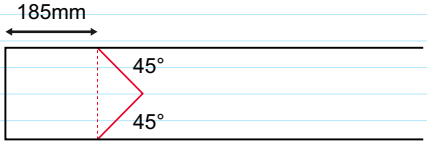
1. Measure & mark a line 420mm from the end of the pine timber. Clamp securely and cut along the line using a circular saw.
Note: This piece will be the base of the box.



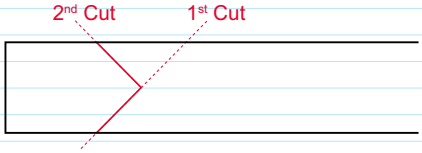
2. Mark a line 185mm from the end of the remaining pine timber. Clamp securely and cut at a 45° bevel.



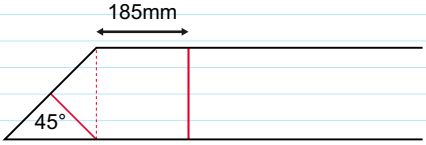
3. Mark another line 185mm from the 45° end of the remaining pine timber. Clamp securely and cut at a 90° bevel.
Note: These two similar pieces will be the sides of the box.



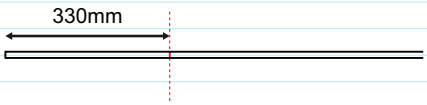
4. Measure & mark a line at 185mm from the end of the remaining pine. Using a set square draw lines at a 45° angle from each end of the line to create a pitched roof.



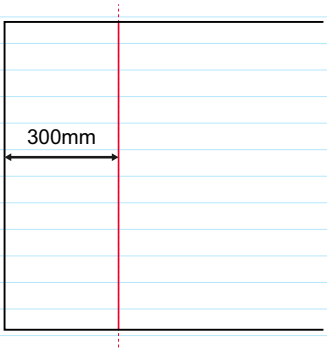
5. Clamp your workpiece securely and make two cuts along the 45° angle lines using a circular saw.



6. Repeat steps 4 and 5 to create a second identical shaped piece with the remaining pine timber.
Note: These pieces will be the front and back of the box.

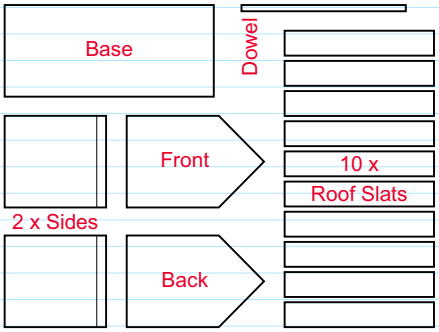


7. Measure & mark a line 330mm from the end of the oak dowel. Clamp securely and cut along the lines using a circular saw.

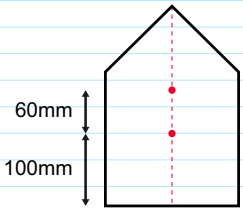


8. Measure and mark a line on the sheet of plywood at a distance of 300mm from one edge. Clamp securely and cut along the line using the circular saw.

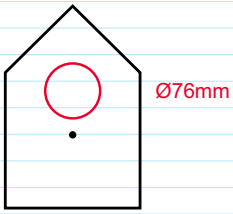
9. Make multiple cuts at 50mm widths, making sure to secure the workpiece after each cut.
Note: You should have 10 pieces at 50x300mm for your roof slats.



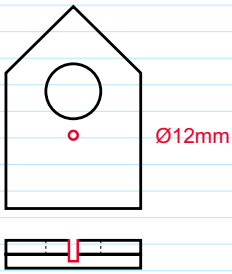
10. Now that you have finished all your cutting, you should have all 16 pieces shown here.



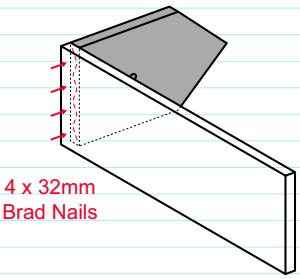
11. Grab the front panel and draw a center-line down the entire workpiece. Mark a point 100mm from the bottom and then 60mm up from that point.



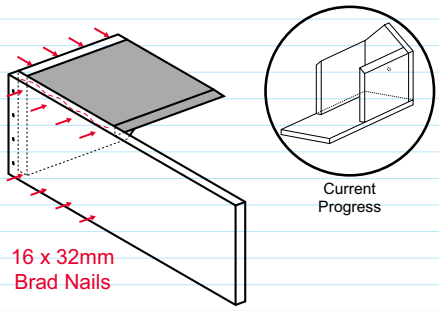
12. Secure your workpiece and using a 76mm hole saw on your drill driver, drill a hole all the way through on the top marked point.



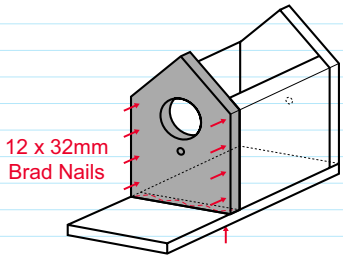
13. Place the back panel underneath the front panel, ensuring the edges are aligned. Secure workpieces using a clamp and then drill a hole through the front panel and half way through the back panel using a 12mm spade bit attached to your drill driver.



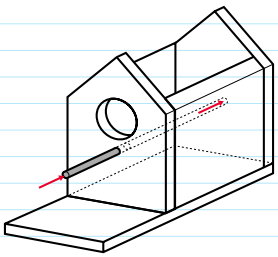
14. Run some wood glue on the bottom face of the back panel and align with the end of the base workpiece, ensuring the 12mm half depth hole is facing inward. Clamp in position, then fire four 32mm brad nails with your staple / nail gun from the bottom to secure.



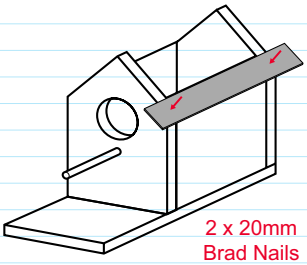
15. Fasten the two side panels to the base and back panel with glue and 32mm brad nails, making sure that the 45° beveled edge matches the angle of the back panel shape.



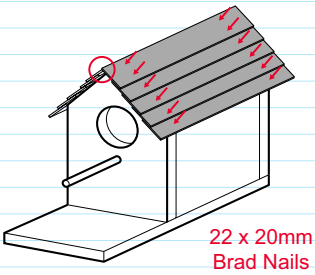
16. Attach the front panel to the base and side panels with glue and 32mm brad nails.



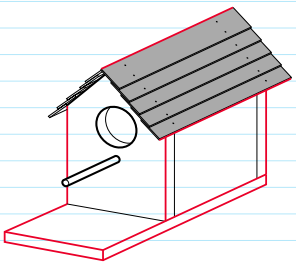
17. Place a small amount of wood glue in the 12mm holes in the front and back panels. Insert the dowel through the front 12mm hole and into the hole in the back panel.
Note: You may need a hammer to tap into position.



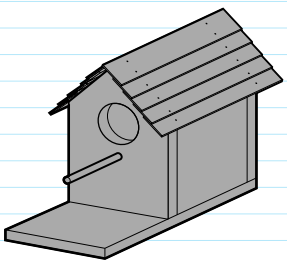
18. Position the first roof slat with an overhang from the lower 45° angled edge. Fasten into position with two 20mm brad nails.
Note: It's a good idea to trial the placement of the roof slats prior to nailing to get even overlapping.



19. Continue to fasten the roof slats onto the bird box with 20mm brad nails. When you get to the last slat, make sure it aligns nicely over the edge of the slat on the opposite side of the roof to prevent rain from entering.



20. Use the detail sander to smooth any rough corners and remove pencil marks.



21. Apply some paint, stain or varnish to protect your bird box from rain and sun. Congratulations, you have created your very own DIY Bird Box! Make sure you send us any pictures of your creations **#ozito_diy**