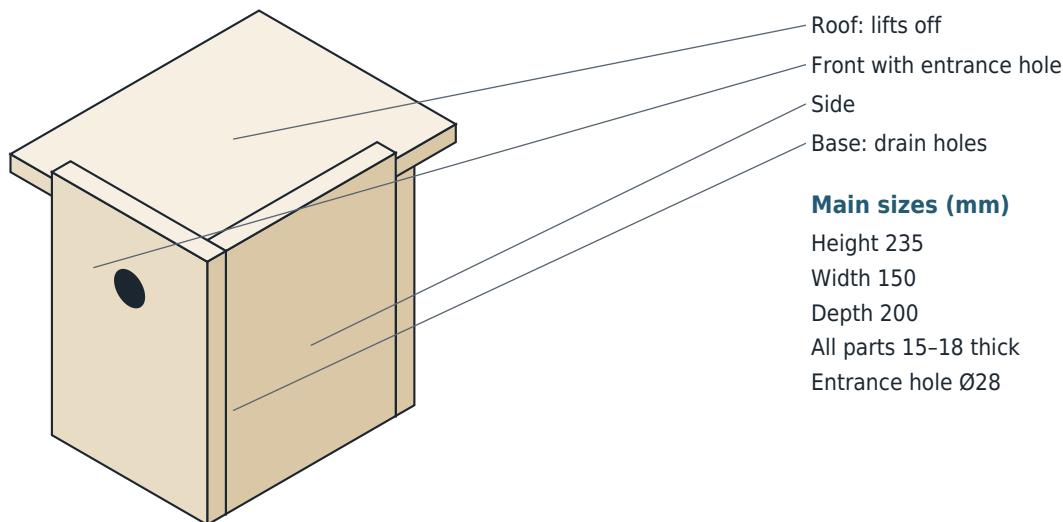


Case study 3: Bird box

WOODWORK WITH MR KELLY

National 5 · Practical Woodworking · 10 marks · open book

The product. A garden centre sells bird boxes to fix to trees and fences. The box has a sloping roof that lifts off for cleaning. Use the drawing to answer the questions. Answer in sentences for describe and explain questions; you can add labelled sketches.



1 *The bird box will be fixed outdoors all year.*

(a) Identify an appropriate wood for the bird box. (1 mark)

(b) Identify a property that makes this wood suitable. (1 mark)

2 *The parts are glued and nailed together.*

State a suitable adhesive for the bird box and give a reason. (2 marks)

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3 *The 28 mm entrance hole is drilled with a hand brace.*

Describe how to stop the wood splintering where the bit comes through. (1 mark)

4 *The garden centre wants to sell the bird boxes as an environmentally friendly product.*

Describe three things the manufacturer could do to make the bird box more environmentally friendly. (3 marks)

Give one reason why a finish is not applied inside the box. (2 marks)

Total: ____ / 10