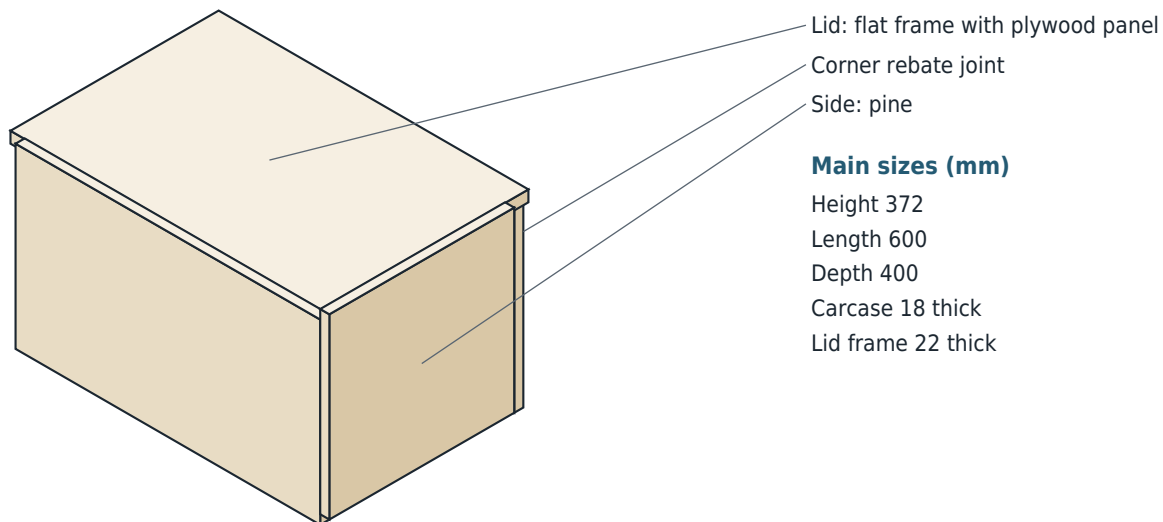


Case study 8: Toy box

WOODWORK WITH MR KELLY

National 5 · Practical Woodworking · 10 marks · open book

The product. A toy box has a carcase with corner rebate joints and a lid made from a flat frame with a plywood panel. It will be used by young children. Use the drawing to answer the questions. Answer in sentences for describe and explain questions; you can add labelled sketches.



1 *The corners of the box are joined with corner rebate joints.*

(a) Describe one advantage of a corner rebate joint over a butt joint. (1 mark)

(b) Describe the stages in cutting the rebate by hand. (2 marks)

2 *The lid frame is joined at the corners with a flat-frame joint and has a groove for the panel.*

(a) Name a joint suitable for the corners of a panelled lid. (1 mark)

(b) Name the plane used to cut the groove for the panel. (1 mark)

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3 *The toy box will be used by young children.*

Describe two features of the finish or construction that make it safe for children. (2 marks)

4 *The box is made from pine.*

Give two reasons why pine is a suitable material for the toy box. (2 marks)

5 State the purpose of a corner block inside the box. (1 mark)

Total: ____ / 10