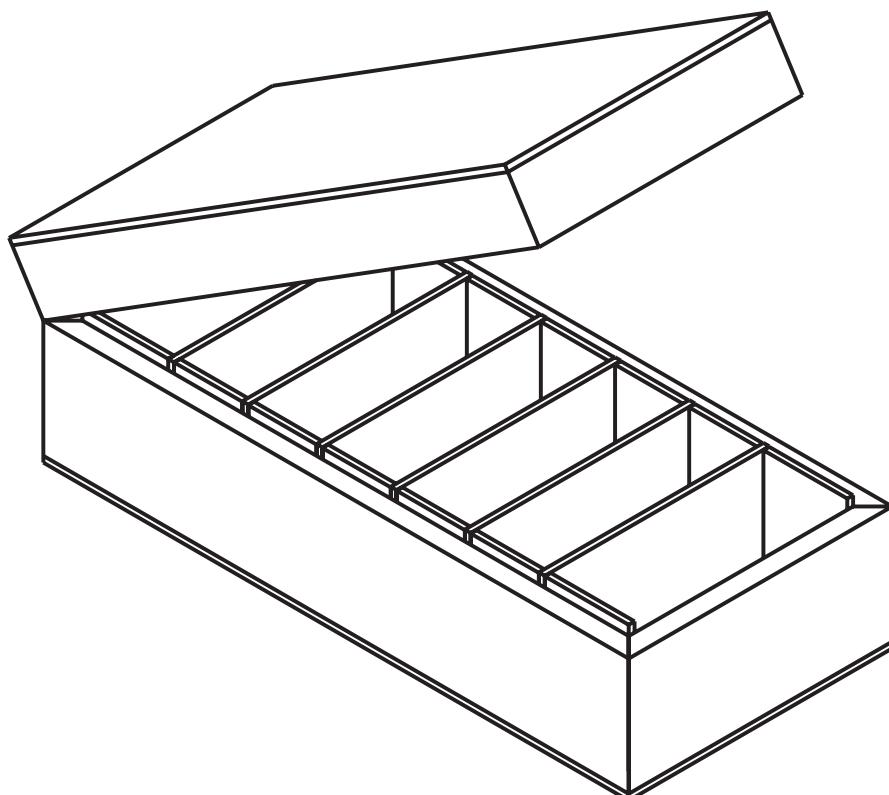


# OPITEC

## Hobbyfix

1 0 8 . 1 1 3

*Filing box*



### Contents:

2 pine strips	10 x 60 x 300 mm
2 pine strips	10 x 60 x 150 mm
2 pine strips	10 x 30 x 300 mm
2 pine strips	10 x 30 x 150 mm
1 poplar plywood board	3 x 135 x 300 mm
2 poplar plywood board	3 x 65 x 300 mm
3 poplar plywood board	3 x 65 x 240 mm
1 pine plywood board	4 x 135 x 300 mm
2 hinges	
1 lock	
8 screws	2 x 8 mm
4 nails	10 mm

### Please Note

The OPITEC range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of Craft, Design and Technology. These projects should only be undertaken and tested with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation!

### **A. Preparation of the bottom**

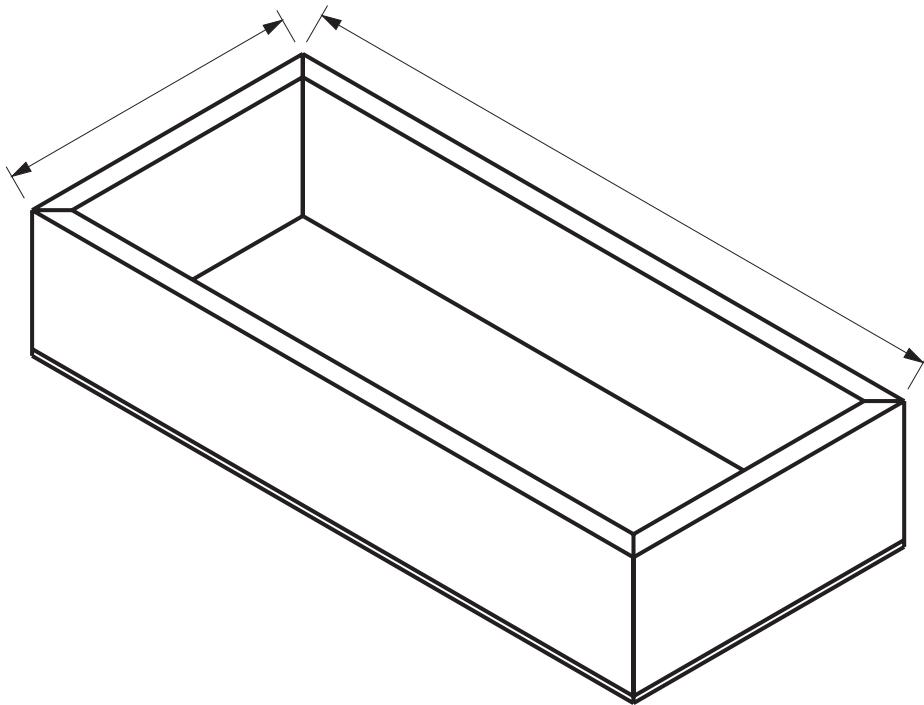
Required parts: 2 pine strips 10 x 60 x 300 mm

1 poplar plywood board 3 x 135 x 300 mm

2 pine strips 10 x 60 x 150 mm

Saw the two pine strips 10 x 60 x 150mm to a length of 135mm for the ends of the box. Using a mitre box saw all the corners at an angle of 45 degrees. Finally assemble and glue the sides / ends of the box to the poplar plywood base.

Alternatively the carcass of the box and lid can be butt jointed. Using this method saw the sides / ends to 135mm and 115mm respectively.

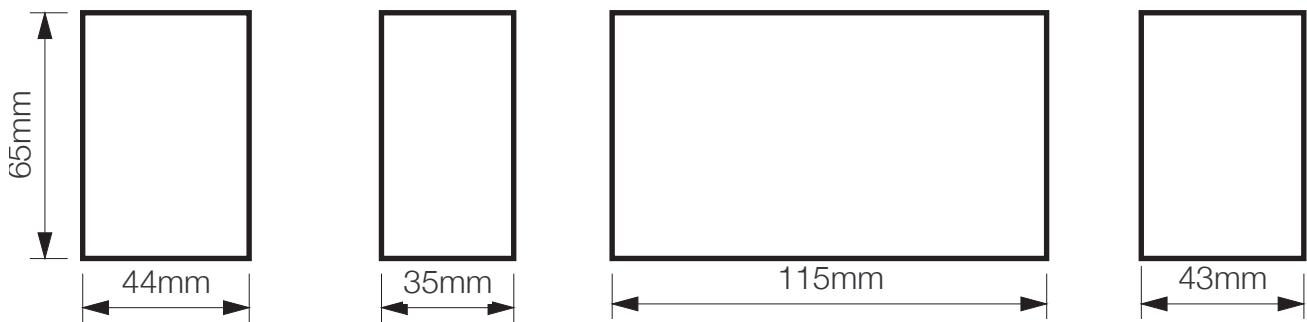


### **B. Division of Partitions**

Required parts: 2 poplar plywood boards 3 x 65 x 300 mm

3 poplar plywood boards 3 x 65 x 240 mm

1. Mark out and cut from the poplar plywood sheet the shapes shown below.



2. The parts of the box from B1 should be glued in the following order.

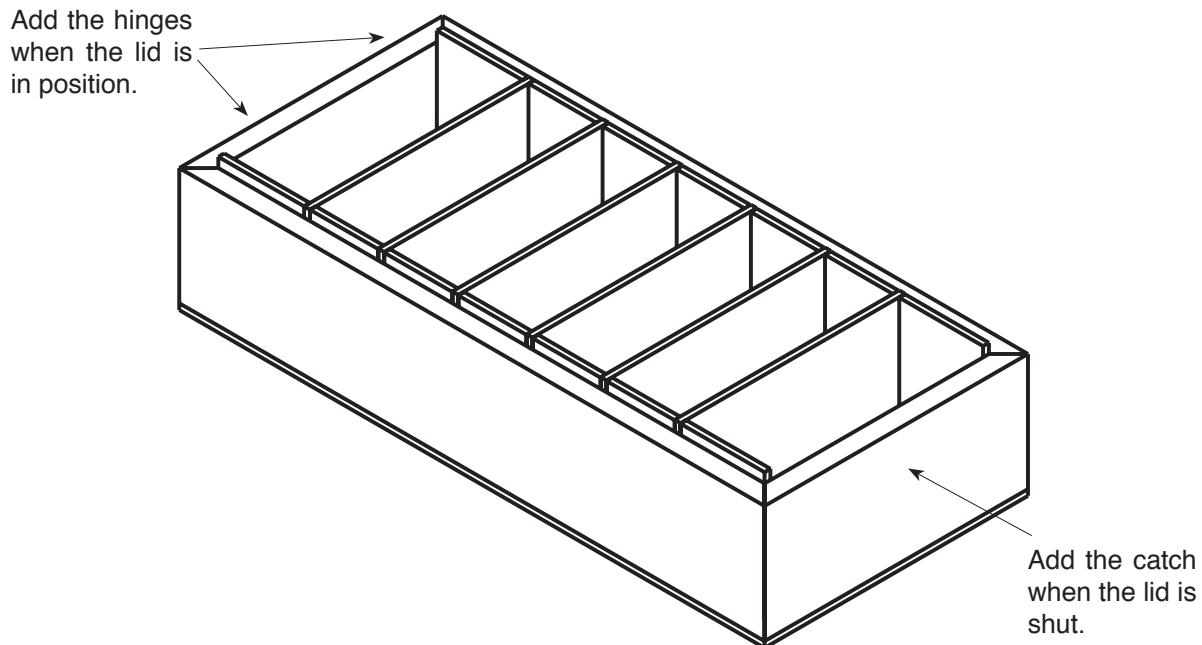
Firstly insert the two spacer side pieces (3 x 44 x 65mm) and glue them in position in the box.

Add a divider (3 x 65 x 115mm), leaving a small amount of free space, (approx 1mm) **DO NOT GLUE**.

Then add the next spacers (3 x 36 x 65mm) and then again a divider.

Repeat this pattern to the end of the box. Finally insert the last side spacers (3 x 43 x 65 ) and glue this in position.

You can of course design your own dividers. The best way is to work out your system using a paper pattern bearing in mind the size of the plywood sheet.



### **C. Preparation of lid**

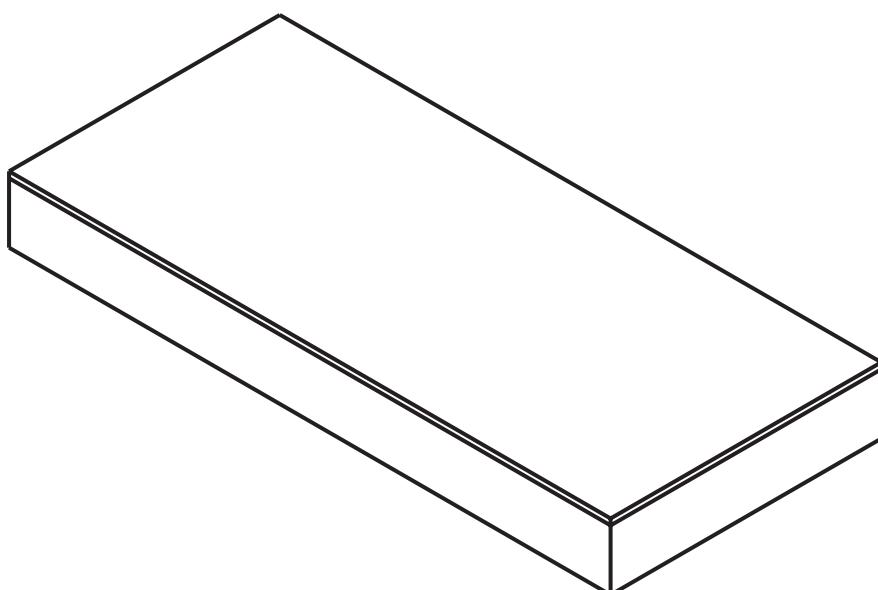
Required parts: 2 pine strips 10 x 30 x 300 mm

2 pine strips 10 x 30 x 150 mm

1 pine plywood board 4 x 135 x 300 mm

The two pine strips 10 x 30 x 300 mm have to be cut mitre. Shorten the 150 mm long strips to 135 mm and also cut mitre.

The developed frame can be glued onto the pine plywood board.



### **D. Connecting the bottom with the lid**

Required parts: 2 hinges + 8 screws

1 lock + 4 nails

Put the lid on the bottom and fasten the hinges with screws. Nail the lock onto the closed lid.

