

# 10 FRAME - LANGSTROTH HIVE

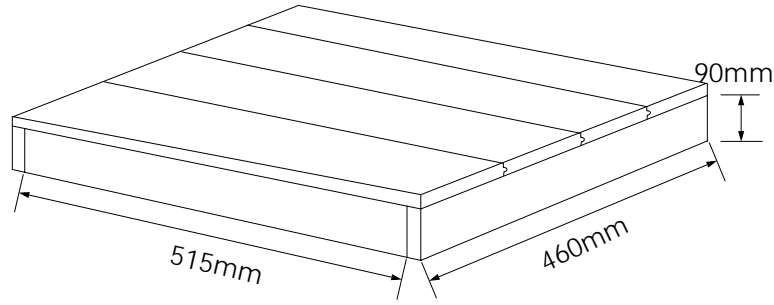
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I construct the majority of hive components from dressed 19mm radiata pine. Radiata is commonly available throughout Australia.

The original plans called for 18mm ply for the cover and bottom boards. I have found tongue and groove flooring glued together just as good and considerably cheaper.

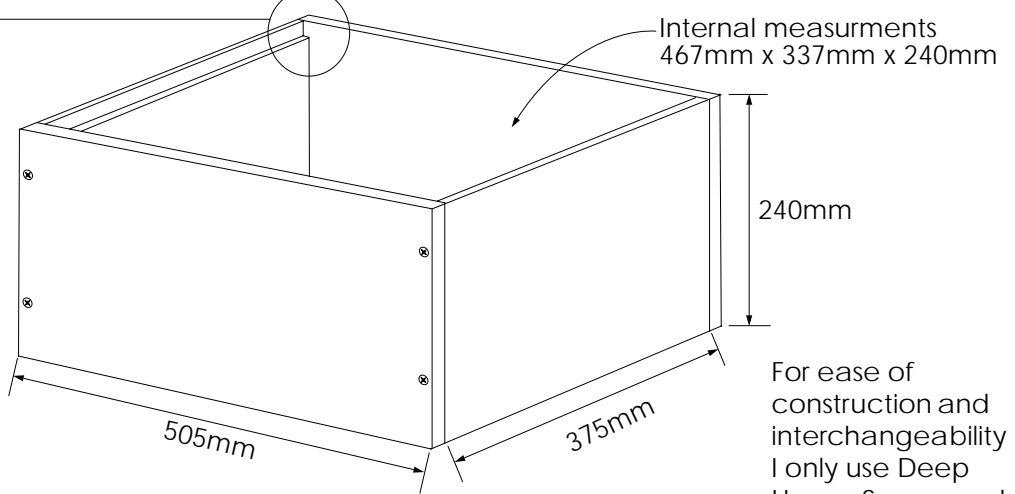
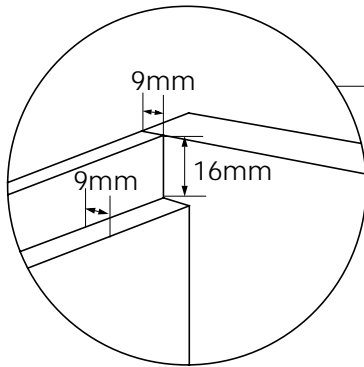
Lid should be covered with thin metal sheet to make it weather proof.

## COVER



The original plans suggested an overall height of 60mm for the lid but I have found that using 90mm pine helps prevent the lid blowing off in strong winds

## DEEP HONEY SUPER



For ease of construction and interchangeability I only use Deep Honey Supers and Brood Boxes.

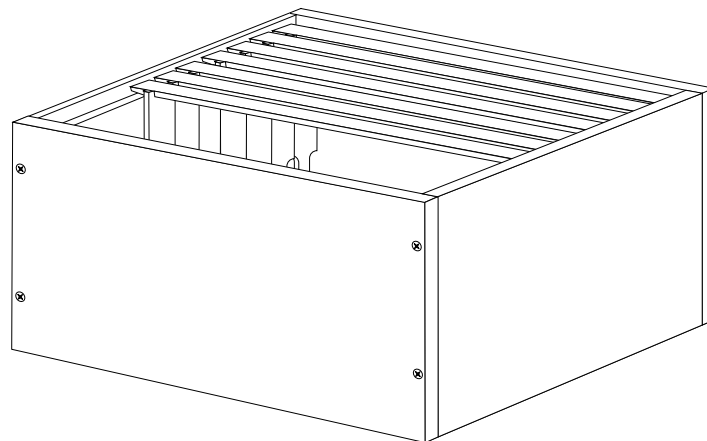
The plans also called for "Box Joint" corners, but this added a lot of work, so I have used 6 guage 35mm "Buildex Chip-board Screws" and wood glue instead.

Some of the measurements have been adjusted slightly from the original plans to bring the pieces into line with standard metric board widths.

I usually do batches of 10 boxes or more and use a few jigs and a Triton Saw Bench to make life easier, though any saw bench would be fine, I wouldn't try building them without a saw bench as the boxes need to be reasonably standard in size. I use a router to cut the rebate for the frame lugs in the front and back of the boxes. Basically I try to get a production line going and in that way each batch remains standard with minimal waste through mistakes.

## DEEP BROOD BOX (Showing Frames)

(Same Measurements as for Deep Honey Super Above)



## BOTTOM BOARD

