

## How to... build mid-century style shelving

### Planning

Confirm overall dimensions for the complete unit. Then work out what the box sizes are. The proportions are important, so I worked with a 2/3 ratio. Decide which will be set forward or back, as the depth of the box gives this effect.

### Materials

- Tri-Board: 21mm thick for boxes, 7mm for backing
- Gorilla Glue
- Screws
- Filler (such as Builders Bog)

### Steps

- Cut Tri Board into dimensions pre planned for boxes
  - Clearly mark where the upright will sit on the length then pre drill holes for the screws
  - Repeat this for each board
  - Using the pilot hole assures you of a neat entry for the screw and ensures alignment
  - Apply glue on to the length board then screw in the screws to create the box
  - Repeat these steps for each box
  - When ready, organise boxes where you see fit. Keep in mind the room height and area you are looking at putting the shelves in. Also, because they are only screwed together, if you need to make adjustments then that is an option too
  - Sand down edges to take off all the sharp corners so that paint will stick
  - Apply filler on to the front edge of the boards to create a smooth finish
  - When the filler has set, sand every edge of the box – also take your time in doing it.
- Put the effort in!

### Painting

- I recommend an oil-based primer such as Resene Quick Dry which will penetrate into the timber and sand down to provide a stronger surface
- I sprayed the unit to get the best finish. You could do this yourself or take to a professional sprayer