



# plant ladder

Make your own custom shelf for those precious potted treasures.

### You will need

- 8 linear metres of 70mm x 45mm cedar or macrocarpa. I have used reclaimed timber
- 1200mm x 500mm x 18mm exterior plywood
- 32 x 75mm screws
- 36 x 50mm screws
- Your choice of paint or finish

### Tools

- Measure tape and pencil
- Square
- Mitre saw or hand saw
- Track saw
- Drill with 4mm drill bit and square bit
- Sandpaper
- Paintbrush

### Health & Safety

When using power tools always wear goggles and ear defenders, and ensure all jewellery is tucked away, hair tied back and don't wear loose clothing that may get tangled.

### Cut List

#### FRAME:

- 2 x 1400mm with square ends
- 2 x 1400mm with a 9-degree angle at each end

#### BRACKETS:

- 2 x 180mm
- 2 x 240mm
- 2 x 300mm
- 2 x 350mm

#### SHELVES:

- 500mm x 180mm
- 500mm x 240mm
- 500mm x 300mm
- 500mm x 350mm

**Cost** \$70 for exterior plywood and fixings. This excludes Resene products. I used Resene exterior wood stain in Bark.



### Step 1

Measure up your frame timber and cut to size.

### Step 2

Lay out the frame legs and square at the top end, and measure out for shelves.

### Step 3

Measure and cut the exterior plywood to size for the shelves. Sand the edges.

### Step 4

Measure and pre-drill holes on the shelving brackets.

### Step 5

Square each bracket and screw into place using the 75mm screws.

### Step 6

Apply paint or finish of your choice.

### Step 7

Measure for the shelving screws at 22mm from the edge of the timber.

### Step 8

Pre-drill holes on the shelves for easier installation. Screw the shelves in to place using the 50mm screws, starting at the bottom and working up. ■



**Jane Horne** and partner Simon Bartholomew design and develop projects from their studio (plainandsimple.co.nz) in Christchurch, managing projects throughout the South Island.