

DIY

# DIY SHADE CLOTH

Escape the hot summer sun with this nifty shade cloth, which can be folded down and stored away easily come winter.

WORDS & PHOTOS MARK RAYNER



BROUGHT TO YOU BY



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## You will need

- 19mm galvanised clouts
- 45mm exterior screws
- 65mm exterior screws
- 50mm x 50mm timber (approx 16500mm)
- 50mm x 25mm timber (approx 1650mm)
- 40mm x 10mm timber (approx 3300mm)
- 100mm x 25mm timber (approx 1700mm)
- 150mm x 50mm timber (approx 250mm)
- 100mm x 10mm bolts with wingnuts and washers (x2)
  - Canvas measuring 1050mm x 1550mm
  - Clamp
- Drill with 3mm drill bit and 10mm drill bit
  - Exterior PVA glue
  - Paint stirrer
  - Paintbrush
  - Pencil
- Resene Lumbersider tinted to Resene Half Parchment
- Resene Quick Dry
  - Sandpaper
  - Saw
  - Screwdriver
  - Set square
- Small stainless-steel hinges (x6)
  - Staple gun with galvanised staples
  - Tape measure



1.



2.



3.



4.



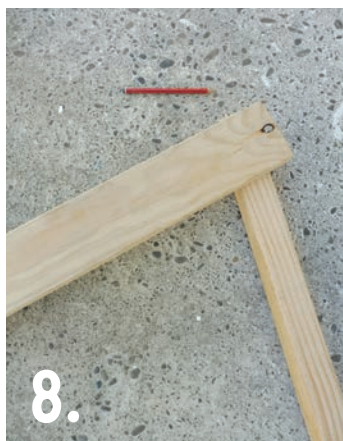
5.



6.



7.



8.



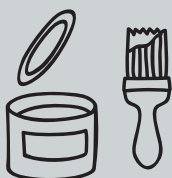
## To get the look

Mark painted the background stucco wall with Resene Aquashield tinted to Resene Pipi.



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For more on paints and stains phone 0800 RESENE (0800 737 363) or visit your Resene ColorShop or [www.resene.co.nz](http://www.resene.co.nz)



### STEP ONE

Measure and mark the 50mm x 50mm timber to these lengths: 1640mm (x 2), 2000mm (x 4), 1800mm (x 2), and 800mm (x 2).

### STEP TWO

Use the back of the saw to rule cutting lines.

### STEP THREE

Cut the pieces of 50mm x 50mm timber to length and smooth rough edges with sandpaper.

### STEP FOUR

From the offcut of 50mm x 50mm timber cut two triangles, as shown, with the equal sides measuring 120mm. Smooth rough edges with sandpaper.

### STEP FIVE

Attach two of the 2000mm lengths of timber to the two 1640mm lengths of timber to form a large rectangular frame. Fix at each corner with exterior PVA glue and 65mm screws, drilling pilot holes first.

### STEP SIX

Fix the triangular pieces of wood into the top corners of this frame, fixing with PVA glue and 65mm screws, drilling pilot holes first. Use a set square to ensure corners are at 90 degrees.

### STEP SEVEN

Fix a 2000mm length of timber and a 1800mm length of timber to a 800mm length of timber to form a 'U' shape. Fix at each corner with 65mm screws and PVA glue, drilling pilot holes first. Again use a set square to ensure corners are true. With the remaining timber, form a second 'U' shape and allow glue to dry.

### STEP EIGHT

Lay a piece of 100mm x 25mm timber across the top of each of these 'U' shapes (it will be at an angle) and rule angled cutting lines.



**Top tip**  
To store away for the winter, simply unbolt the front support and then let the canvas hang down against the back of the frame and fold the two side frames in towards the middle.



**STEP NINE**  
Cut these pieces to shape and smooth rough edges with sandpaper. Fix into position across the top of the 'U' shapes with 45mm screws and PVA glue, drilling pilot holes first. Allow glue to dry.

**STEP TEN**  
Measure, mark and cut a 1640mm and 1648mm piece of 40mm x 10mm timber and a 1648mm piece of 50mm x 25mm timber.

**STEP ELEVEN**  
Fix the two smaller side frames to the larger frame at the back using three small hinges per side.

**STEP TWELVE**  
Carefully stir the Resene Quick Dry.

**STEP THIRTEEN**  
Stand the frame on four offcuts of 50mm x 50mm timber and apply one coat of Resene Quick Dry to the frame and the three pieces of timber cut in step ten. Allow two hours to dry.

**STEP FOURTEEN**  
Carefully stir the Resene Lumbersider tinted to Resene Half Parchment.

**STEP FIFTEEN**  
Apply two coats of the Resene Lumbersider to the frame and the three pieces of timber cut in step ten. Allow two hours for each coat to dry.

**STEP SIXTEEN**  
Staple the piece of canvas along the top back edge of the frame, as shown. Staple the opposite edge to the 1648mm piece of 50mm x 25mm timber.

**STEP SEVENTEEN**  
Place the two pieces of pre-cut 40mm x 10mm timber over the stapled edges and fix with PVA glue and 19mm galvanised clouts.

**STEP EIGHTEEN**  
Tighten the canvas by rolling the front support around once and then clamp into position at each side. Drill a 10mm hole through all sections, as shown and fix with a 100mm bolt, washer and wingnut. Repeat on the other side.