



↪ Resene Dark Oak

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# SWING SET FRAME

This quick and customisable project is ideal for those without a sturdy tree to hang a swing from, and it's sure to bring joy to your little ones.

WORDS & PHOTOS KLAUDIA KRUPA

## YOU WILL NEED

### Materials

- 100mm x 100mm treated and dressed pine in the following lengths:
  - 4 x 2300mm
  - 1 x 1400mm
- Note: When the pine is dressed, it becomes more like 90mm x 90mm.*
- 90mm x 45mm treated and dressed pine in the following lengths:
  - 2 x 415mm (crossbeams)
  - 2 x 945mm (crossbeams)
  - 2 x 545mm (bracing)
- Batten screws (100mm & 170mm)
- Heavy-duty screw eye hooks (x 2)
- Resene Waterborne Woodsman penetrating oil stain in your choice of colour (we used Dark Oak)
- Sandpaper
- Swing seat of your choice

### Tools

- Drill
- Impact driver
- Paintbrush
- Pencil
- Saw
- Tape measure

We used a 22.5-degree angle for our cuts because our dropsaw can be set at that angle. However, if yours doesn't have that setting or if you're cutting by hand, you might find a 30-degree angle easier to work with. Keep in mind that your legs will be spaced further apart, so be sure to adjust all the measurements for the cross beams accordingly.

**Step 1** Cut one end of each of the 2300mm posts at a 22.5-degree angle.

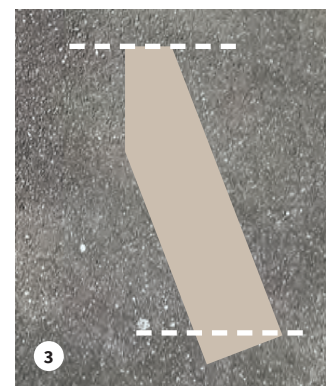
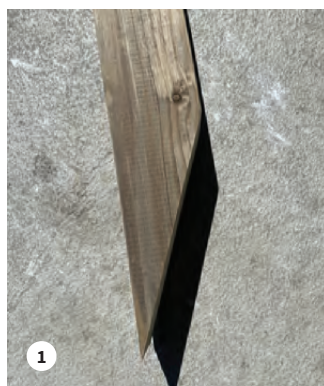
**Step 2** Place two posts together, with their cut ends touching, to form an arrow shape. Mark 115mm down from the point and cut the tips off, as shown. This will be where the top beam rests.

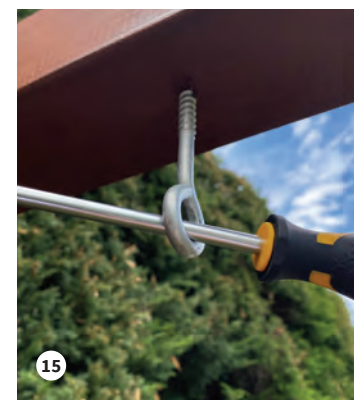
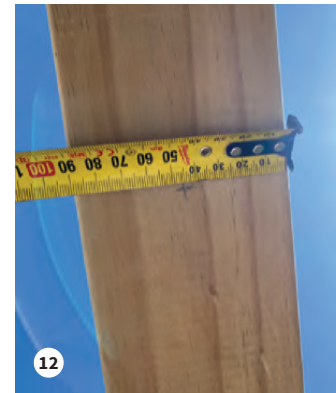
**Step 3** Trim the opposite end of the posts off with a parallel cut to the one in step two, as illustrated.

**Step 4** Cut each end of the 415mm and 945mm crossbeam lengths at a 22.5-degree angle, angled inwards as shown.

**Step 5** Smooth any rough edges with sandpaper.

**Step 6** Lay two of the 2300mm beams on a flat surface in the same arrow shape as before. Position one crossbeam of each length on top, aligning the edges as shown. (If the top of your shorter crossbeam isn't 300mm down from the top then trim to fit or adjust the bracing lengths in Step 11).





**Step 7** Screw the posts together where they meet and secure each crossbeam length in place using two 100mm batten screws at each end.

**Step 8** Repeat steps six and seven to create the second leg frame.

**Step 9** You will need a helper for this step. Stand the two leg frames up, roughly 1.4m apart, with the crossbeams facing outward. Rest the top beam in place on the flat tops. Adjust the positioning until your legs are square with each other, and the top beam is aligned with the legs. Secure it from above using two 170mm batten screws at each end.

**Step 10** Cut each end of the 545mm bracing beams at a 45-degree angle, angling the cuts inwards in a similar way to Step 4.

**Step 11** Attach the braces to each corner using 100mm batten screws, aligning each brace with the bottom of the top crossbeam, as shown.

**Step 12** Mark two points on the underside of the top beam, centered and spaced apart according to your necessary swing width.

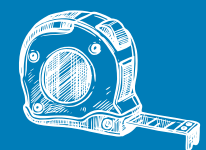
**Step 13** Drill pilot holes at each marked point for the hooks.

**Step 14** Apply two coats of Resene Waterborne Woodsman penetrating oil stain in the colour of your choice, allowing time to dry between coats.

**Step 15** Screw the two hooks into the predrilled holes and hang your swing.

Now it's time to find the perfect spot in your garden for your new swing set. Just make sure the ground is flat, and there are no obstacles around. Have fun outdoors with your little ones!

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



### Top tip

If you want to accommodate bigger swings, simply adjust the length of your top beam to suit your needs. For larger swings or added stability, consider securing the set to the ground with anchors or concrete.