

How to make a bird feeder

Tools

Jig saw
Drill/driver with bits and bits
Screwdriver
Hammer and nail set
Clamps (1 1/2" capacity)
File and Sandpaper
Dust mask
Goggles
Hearing Protection

Materials

1 x 2 boards rated for outdoor use
12 1/2" (1)
8 1/4" (2)
8" (2)

3" PVC drain pipe
11" long
140° segment
5/16" dowel
12 1/2" long (4)
1/4" thick oriented strand board
or weatherproof plywood, 9" x 14"
1" screws (3)
1/2" screw eyes (2)
1 1/2" brads (4)
Wood glue
Paint (optional)
3/8" rope (3')



Your final bird feeder should look like this from one end. The pipe is hidden from view.

1. Cut PVC pipe to length. Use the jigsaw to cut a 140° segment. File and sand.
2. Saw roof to 9" x 14".
3. Saw 1 x 2 pieces to shapes and sizes shown.

4. Drill pilot holes for brads, screw eyes and screws. Countersink screw holes.
5. With the base pieces clamped together, drill holes for dowels.
6. Glue 1 x 2 strut under roof and attach with 3 screws.
7. Glue 1 x 2 side pieces to base pieces and attach with brads and clamps until dry.
8. Attach tops of 1 x 2 side pieces to roof and ends of roof strut with glue and brads.
9. Install screw eyes.
10. Cut dowels to length to match assembly and install in holes in base pieces.
11. Paint roof, if desired.
12. Place pipe segment between central dowels.
13. Tie rope to screw eyes for hanging.

Note:

'The Build a Bird Feeder' plans are measured using imperial measurements. The following list is the approximate metric conversions.

Roof - weather proof plywood 9"x14" (225mmx350mm)

Alternative materials for the roof: melamine shelving or even corrugated plastic that Real Estate Agents use for their signage.

Measurements for the wood: Wood needs to be H1 treated wood

12 $\frac{1}{2}$ " (300mm)

8 $\frac{1}{4}$ " (206mm)

8" (200mm)

PVC 100mm cut into 1/3

5/16" dowel (use 7mm need about 1.2m)

12 $\frac{1}{2}$ " long (300mm)

Brads - nails (use galvanized nails 35mm)

Wood glue - don't use PVA