



PARKSIDE®

DIY

Balcony Bar



4 hours

DIY -
Level



Hardware list

- 1 x plank (spruce/pine) 60 mm x 80 mm x 1100 mm
- 2 x three-plywood board (spruce) 150 mm x 1250 mm
- 1 x three-plywood board (spruce) 500 mm x 1250 mm
- 1 x three-plywood board (spruce) 300 mm x 1250 mm
- 1 x wood stain for outdoor use
- 5 x countersunk screws 4.5 x 50 mm
- 5 x countersunk screws 4.5 x 45 mm
- 5 x countersunk screws 4.5 x 70 mm
- 2 x panhead screws 4 x 35 mm
- 1 x ring chain 12 mm x 8 mm links, 2.5 m long
- 2 x curved screw hooks (choose the size most suitable)
- 2 x eyebolts (eyelets) 30 x 14 mm

Tools

- PARKSIDE plunge saw
- PARKSIDE 20 V cordless drill
- PARKSIDE router
- PARKSIDE mitre saw
- PARKSIDE Forstner drill bit 20 mm
- PARKSIDE conical countersink
- PARKSIDE jigsaw
- PARKSIDE 120 und 150 grit sandpaper
- PARKSIDE cutting pliers
- PARKSIDE folding ruler
- pencil

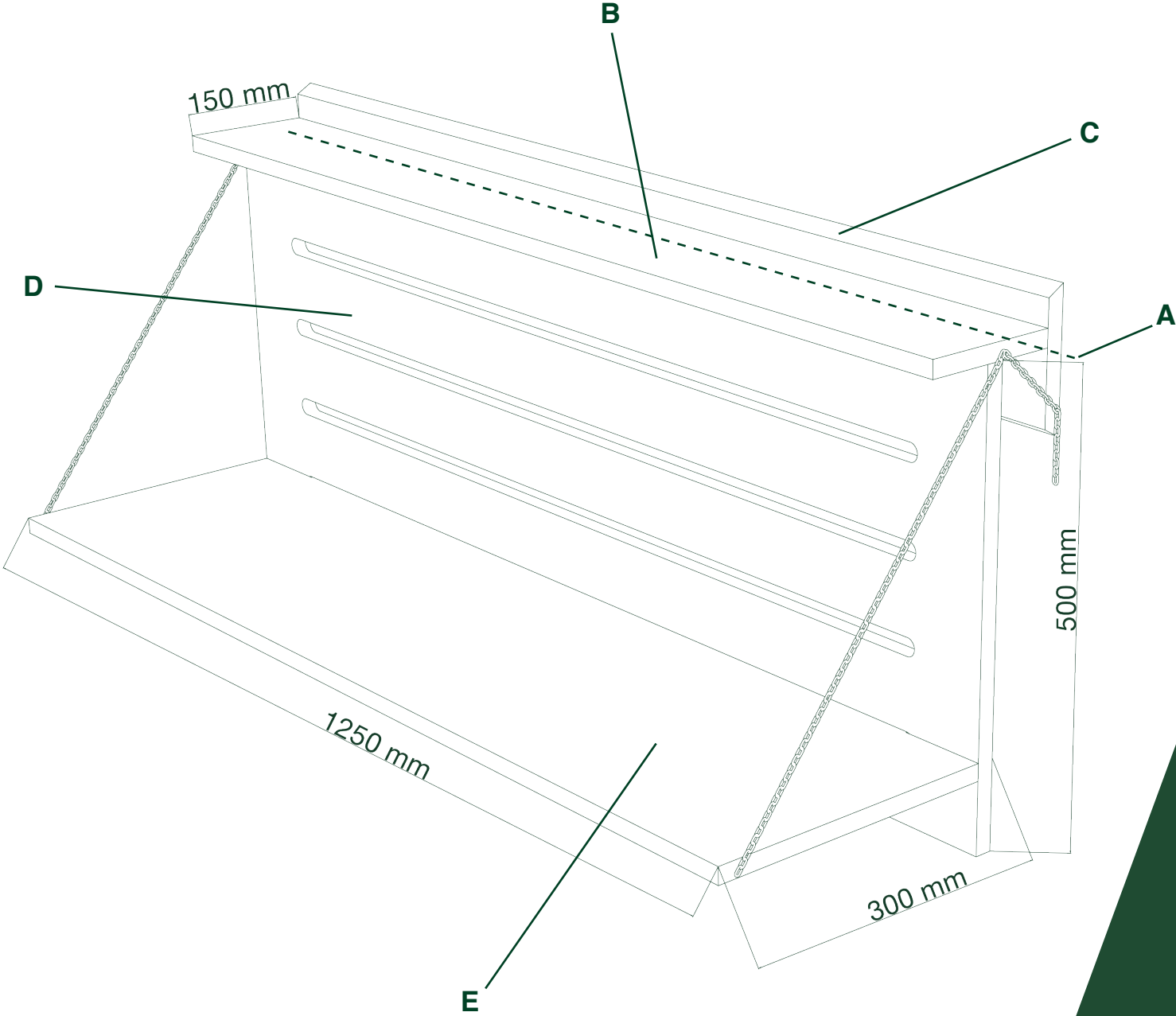


Work safety advice:

A large number of appliances are used in this project. Please always pay attention to your safety first and use the necessary protective equipment.

Sizes

quantity	material	part	size in mm	note
1x	plank	support railing (A)	60 mm x 80 mm x 1100 mm	
1x	three-plywood board	upper bar shelf (W)	150 mm x 1250 mm	
1x	three-plywood board	flashback (C)	150 mm x 1250 mm	
1x	three-plywood board	rear wall (D)	500 mm x 1250 mm	
1x	three-plywood board	bar top (E)	300 mm x 1250 mm	



LET'S GET STARTED

Step 1: Cutting the three-plywood boards and planks to size

Use the mtr saw to cut planks (A) and boards (B, C, D, E) to size.



Step 2: Marking the cutouts

On large rear board (D), measure and mark the position of the four horizontal cutouts into which the bar top (E) will later be inserted. Mark a point on the left and right 100 mm from the edge and 100 mm from the bottom edge. Join these two point with a line and mark the next three identical lines at a distance of 100 mm above them. These are out cutout central vertical lines.



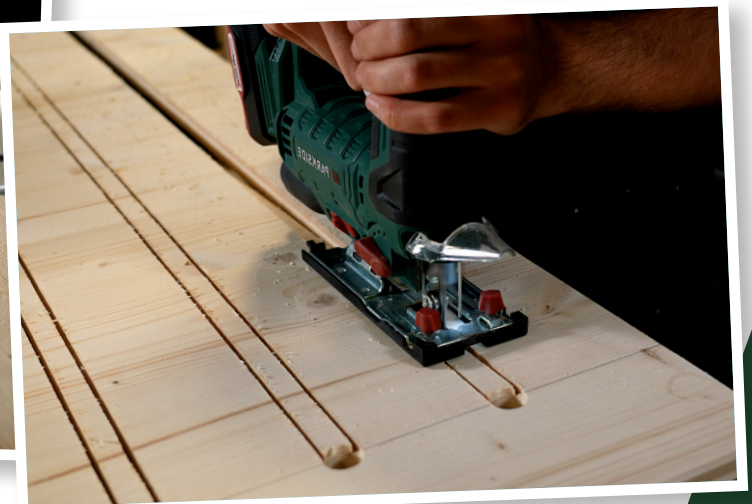
Step 3: Drilling the ends of the cutouts

The cutouts are 20 mm high and 1070 mm wide. Using the 20 mm Forstner drill, drill one hole through rear wall board (D) at the end points of the lines.



Step 4: Making the cut-outs

Use the plunge saw to cut the long cuts between the insertion points. To do this, use the saw twice per hole and cut until you reach the next one: saw once to the upper hole edge and once to the lower one. Make sure you saw on the "right" side!



Tip:

Due to the round geometry of the saw blade, sawing marks will be visible only on the underside of the board. Just short of the 20mm drill holes, leave some extra wood which we will then cut out using the jigsaw

Step 5: Chamfering edges

Chamfer both sides of the cutouts using the router and the rounding cutter. This will give you a neat edge.



Step 6: Thoroughly sand

Using a 120 grit sandpaper and round off all edges.



Step 7: Cutting the bar top to fit to the rear wall

The rear edge of bar top (E) must fit into the respective cutouts and sit flush with rear wall (D). To ensure this, left and right need to be 100 mm wide and 20 mm deep. Cutouts for making a plug connection. We will need the plunge saw and the jigsaw.



Step 8: Creating a recess (rebate) in the plank

To attach the balcony bar to your balcony railing, you'll need to cut a recess (rebate) into plank (A). In our case, the railing measures 30 x 40 mm. Using the plunge saw, cut this size recess out of the plank starting at one corner.



Step 9: Fine finishing the flashback

After cutting out the recess, you'll need to use the plunge saw once again for the balcony bar flashback (C). Make a 30° cut along both longitudinal edges of the flashback which will give the bar a more open finish. Sand the edge using 120 grit sandpaper.



Step 10: Staining

Before screwing all the parts together, we need to stain them. For example, you can use a white wood stain for outdoor use.

You may need to apply several coats. After leaving the stain to dry for a suitable time, sand using 150 grit sandpaper between coats to obtain a smooth finish.



Step 11: Attaching the upper bar shelf to the plank

Screw upper bar shelf (B) from below through the rebate (recess) to plank (A). In this way the screws will be recessed and not visible. Place the plank exactly in the middle to do this. Then pre-drill holes using the countersink and screw together using five 4.5 x 50 mm countersunk screws.



Step 12: Screwing the flashback to the plank

Now screw flashback (C) from the inside and also through the rebate to plank (A). Again, make the pre-drilled holes using the countersink and use five 4.5 x 45 mm countersunk screws. The lower edge of the flashback should be flush with the plank. The 30° angle should be pointing inwards respect to the surface.



Step 13: Joining the plank to the flashback.

Join plank (A), which will later sit on the balcony railing, to flashback (D). Make sure that the side with the larger distance to the outermost cutout is pointing upwards.

Then check the position of the plank using the ruler and mark the measurements on the flashback. In this way you'll be able to match the screw positions on the flashback. Drill, drop in the screws and screw from the front using five 5 x 70 mm countersunk screws.



Step 14: Fastening the chain

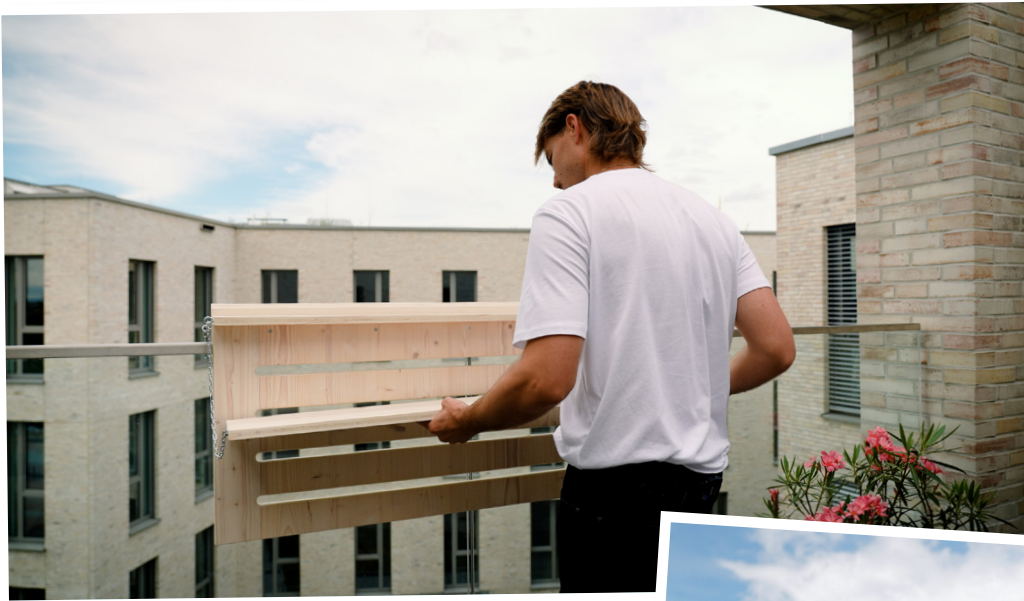
Now it's time to attach the chain that holds the bar top. To do this, screw one hook into flashback (C) on each side and one eye into upper bar shelf (B). Fix the end of the chain to the side edge of bar top (E). To check how long the chain needs to be, you can simply insert the bar top into the lowest cutout, guide the chain through the eyelet to the edge of the bar top and mark where it needs to be screwed tight using a 4 x 35 mm panhead screw at each point. Then hook up the end of the chain leaving some slack.

In this way you'll know where you need to cut the chain using the cutting pliers.



Step 15: Hanging the balcony bar

Hang your finished bar on the balcony railing using the board to set the desired height. Now all you need are the drinks!



**Here's wishing you fun
on your next project!**



**YOU
GOT
THIS!**