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**TOOLS YOU'LL
WANT TO USE**

A CUT ABOVE

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OUTDOOR BAR: PROJECT LEVEL BRONZE

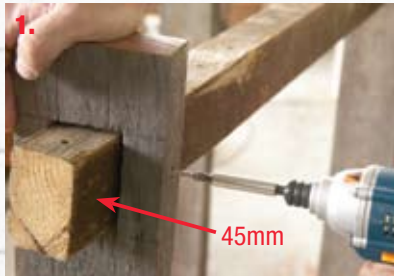
Undoubtedly one of the most important projects of the year. Our designer bar (as in, we designed it) was transformed from a broken hardwood paling fence and a length of recycled hardwood sourced from a secondhand building materials supplier for under 40 bucks. See if you can beat that for value for money, that way you'll have more money to spend on the important stuff – the booze to put in it. The sizes are tabled here, but basically you can just design your bar around whatever timber you can find. It's not like adhering to a fancy cocktail recipe - if it looks right, it probably is right. Cheers to that.

TOOLS YOU'LL NEED



OUTDOOR BAR

PROJECT LEVEL BRONZE



1. Rails
Carefully measure and cut posts to length, utilising the existing mortices. Slide top and bottom rails through, protruding 45mm (or the thickness of your side rails). Secure with two screws.



2. Side rails
Measure down to the top of the rail and bolt side rails to back legs. Drill a 6mm clearance hole through the front rail and screw to end of rail using one 100mm bugle batten screw. Repeat this process for the top and bottom rails of the opposite end.



3. Front palings
Cut the palings to length and attach to rails with 45mm screws. Save the natural end of the palings and position that at the bottom for a more authentic look. **Ryobi's tip:** Drilling a 5mm clearance through the palings prior to screwing will prevent the dry old hardwood cracking.



4. Side palings
Screw the side palings to the inside of the rails for a different look. (The neighbours' side of the fence.) The last paling had to be ripped down the width to fit within the legs. Again, screw fix with 45mm screws.



5. Servery top
Cut the servery top to length with the desired overhang. Place it on top of the front legs ensuring the preferred overhang (front and sides) is consistent. Trace around the shape of the legs from the underside of the top allowing 2-3mm clearance all sides.

MATERIAL LIST

MATERIAL	SIZE (MM)	NO.	UNIT COST	TOTAL COST
Palings	1800 x 100 x 15	16	nil	nil
Posts	1800 x 110 x 45	4	nil	nil
Tops	48 x 250 x 50	1	40.00	40.00
Galvanised bolts	100 x 12	4	2.36	9.44
Bugle batten screws	100 x 10g	4	10.50	10.50
Galvanised woodscrews	45 x 8	100	7.30	7.38
TOTAL				67.32

CUTTING LIST

ITEM	MATERIAL	SIZE L x W x T	NO.
Posts	Rough Sawn Hardwood	1230 x 110 x 45	4
Front Rails	"	1200 x 75 x 50	2
Side Rails	"	400 x 75 x 50	4
Palings	"	1140 x 100 x 15	16
Serving top	"	1300 x 240 x 50	1
worktop	"	1060 x 240 x 50	2

OUTDOOR BAR

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6. Mortice cut-out

Drill a 12mm spade bit hole in each corner of the morticed area. Drill from the underside until the point of the spade bit penetrates the face, then complete the hole by drilling from the face side. Join the 'dots' with a jigsaw.



7. A touch of detail

Use a rasp to chamfer all the sharp edges. It not only looks good but removes any possible splinter hazards. See, there was a legitimate reason for some detail!



8. Bench support

Cut a piece of (whatever you have) to a length 25mm short of the edge of the back legs. Screw to inside face of legs at the desired height. Here the position is 860mm from the floor to the top of the cleat, which resulted in standard benchtop height of 900mm.



9. Worktop

Ah, a little more detail! Measure and cut out the shape of the legs. Allow approx 5mm clearance around the leg and remove the sharp edges with a rasp. **Ryobi's tip:** Use the rasp in a direction away from the face to minimise chipping and splintering.



10. Dressing up

Smooth off the top with a belt sander fitted with a course 60-grit belt, that way there'll be no nasty splinters.



11. Trial

Tools down, bottoms up. Cheers - you've earned it!

Tool List

Cordless drill driver
Mitre saw
Tape measure
3, 5 and 6mm drill bits
12mm spade bit
Combination square

F clamps
Rasp
Belt sander
Jigsaw
PPE