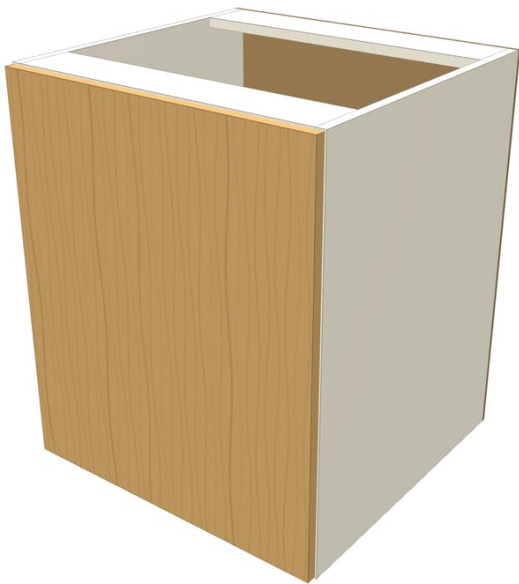


Kitchen Base Cabinet Plans

Width 23 5/8 · Height 28 3/8 · Depth 22 1/16 in · Doors 1 · Shelves 1



Parts

8 pieces

Sheets

1 × Carcass board 18 mm, 1 × Door board 18 mm (wood look), 1 × Back panel 6 mm

Difficulty

Intermediate

Build time

about 5 hours

Cut list (in)

ID	Part	Qty	Length	Width	Thick.	Board	Edges	Grain
A1	Side	2	28 3/8	22 1/16	11/16	Carcass board 18 mm	L1	
A2	Bottom	1	22 3/16	22 1/16	11/16	Carcass board 18 mm	L1	
A3	Top rail	2	22 3/16	3 15/16	11/16	Carcass board 18 mm	L1	
A4	Shelf	1	22 1/8	20 1/2	11/16	Carcass board 18 mm	L1	
A5	Back	1	28 3/8	23 5/8	1/4	Back panel 6 mm	-	
A6	Door	1	28 1/8	23 3/8	11/16	Door board 18 mm (wo...	all 4	along L

8 pieces. Length runs along the grain. Edges: L1/L2 = long edges, W1/W2 = short edges to band.

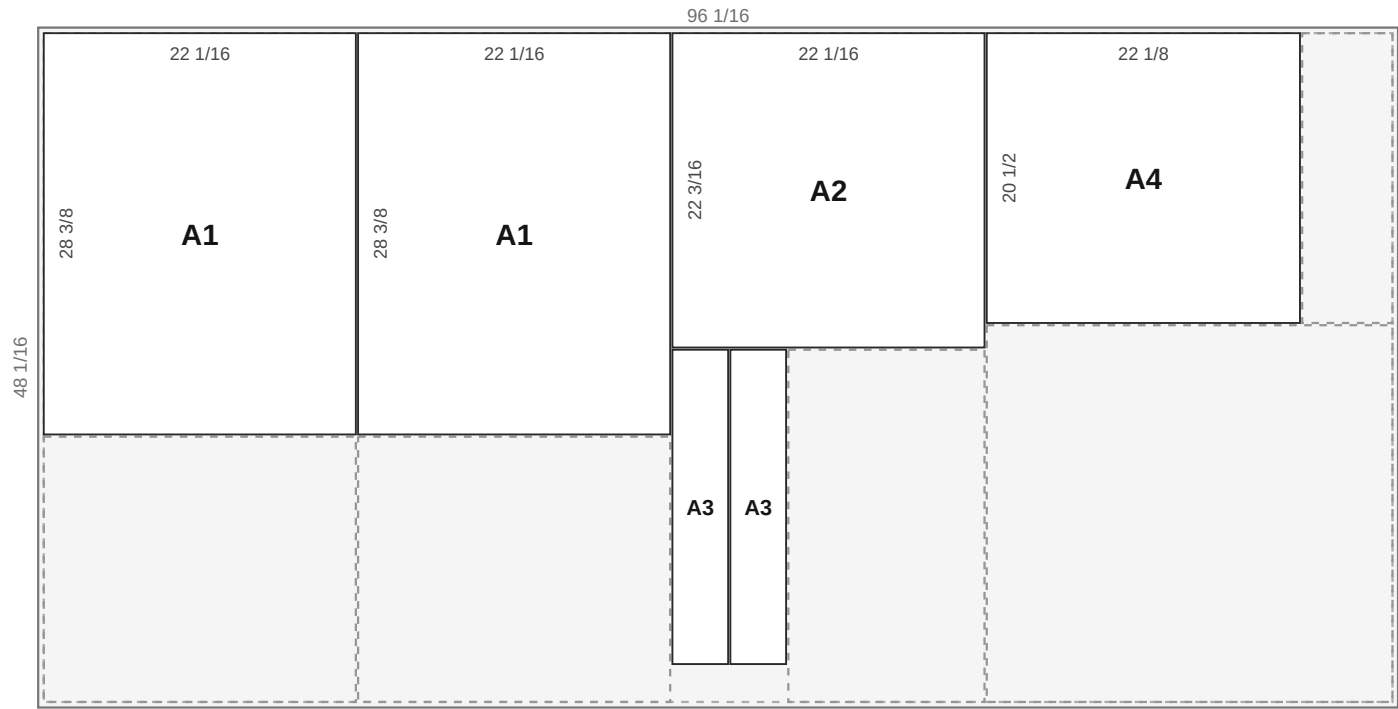
Sheets

Board	Sheets	Waste
Carcass board 18 mm	1	49%
Door board 18 mm (wood look)	1	86%
Back panel 6 mm	1	85%

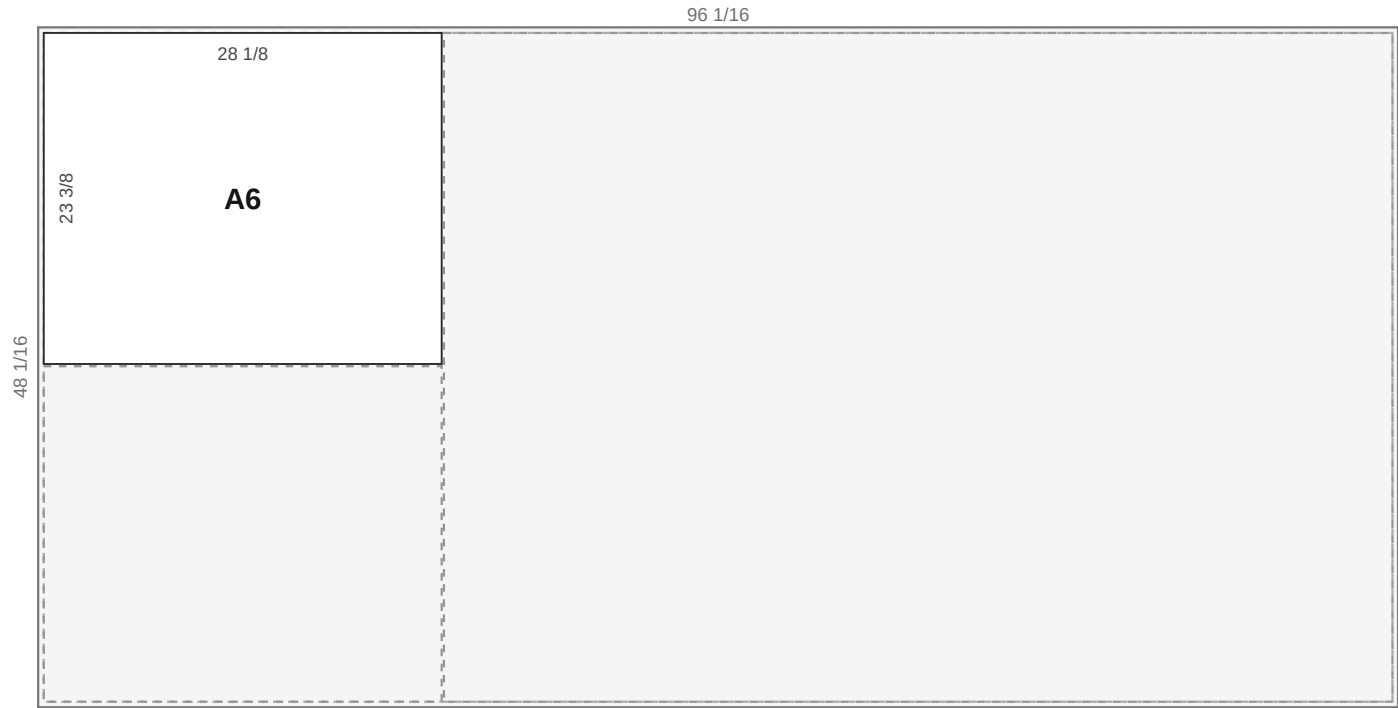
Kerf 3/16 · edge trim 3/8 · dashed areas are usable offcuts.

Sheet layouts

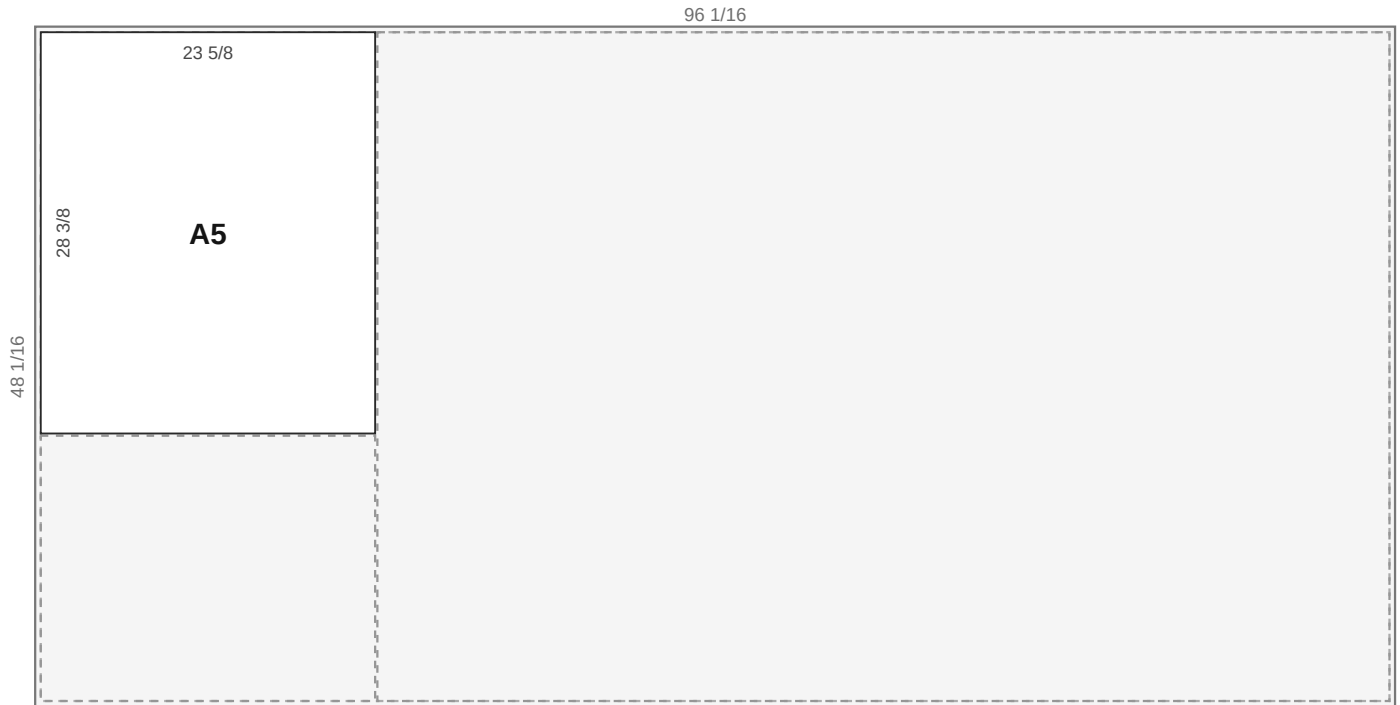
Carcass board 18 mm · sheet 1 of 1 · 96 1/16 × 48 1/16 · 12 cuts



Door board 18 mm (wood look) · sheet 1 of 1 · 96 1/16 × 48 1/16 · 2 cuts



Back panel 6 mm · sheet 1 of 1 · $96 \frac{1}{16} \times 48 \frac{1}{16}$ · 2 cuts



How it is built

- Doors leave a 3 mm gap on every side and between doors.
- Rails are 100 mm deep, front and back, so the worktop can be screwed from below.
- The shelf is 2 mm shorter than the opening and sits on pins, so it can move.

Common mistakes

- Using the worktop height as the carcass height. Subtract the plinth and the worktop thickness first.
- Forgetting the gap between two doors.

Tools

- Table saw or panel saw
- Drill/driver
- 35 mm hinge bit
- Edge banding iron