Oak entry bench

BEST FOUND CUT PLAN

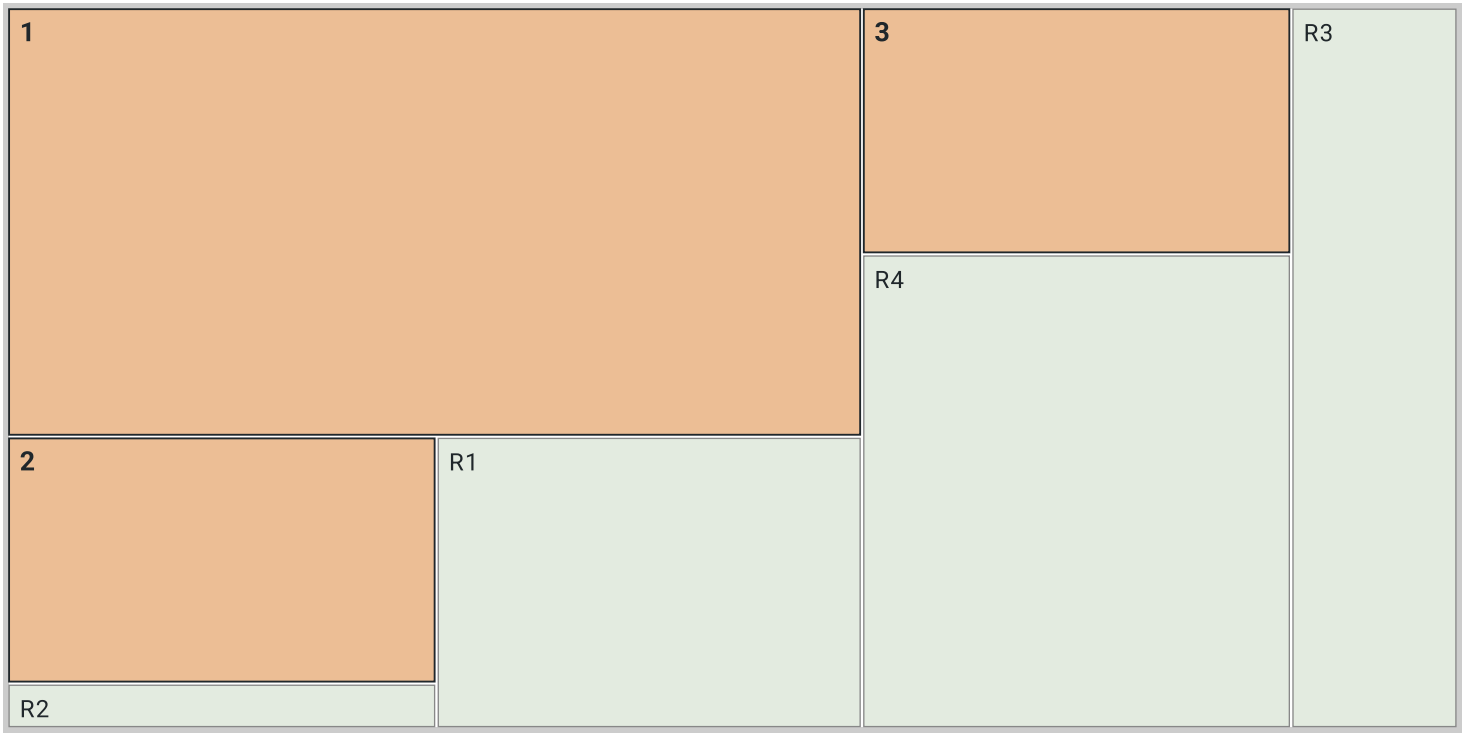
Sheet stock | Area first
Oak | thickness 18 mm
Kerf 3 mm | 1 stock pieces | 0 unplaced parts
Created Oct 19, 2026 12:56:04 PM
Layouts are schematic, not to scale when printed. Read the stated dimensions.
Results are best found. Mathematical optimality is not claimed.

Required parts

1 x Bench top: 700 mm x 350 mm; grain length; rotation allowed
2 x Side: 350 mm x 200 mm; grain length; rotation allowed

Oak panel, copy 1

Stock 1200 mm x 600 mm | grain length
Allowances: left 5 mm, right 5 mm
Top 5 mm, bottom 5 mm



Orange: required parts. Pale green: offcuts. Gray: edge allowances.
1200 mm by 600 mm

Parts in this layout

1. Bench top, copy 1: 700 mm x 350 mm
2. Side, copy 1: 350 mm x 200 mm
3. Side, copy 2: 350 mm x 200 mm

Cut sequence

Coordinates are measured from the original stock's top-left corner.

1. Vertical at x 705 mm across region x=5 mm, y=5 mm, 1190 mm x 590 mm. Saw loss 3 mm.
2. Horizontal at y 355 mm across region x=5 mm, y=5 mm, 700 mm x 590 mm. Saw loss 3 mm.
3. Vertical at x 355 mm across region x=5 mm, y=358 mm, 700 mm x 237 mm. Saw loss 3 mm.
4. Horizontal at y 558 mm across region x=5 mm, y=358 mm, 350 mm x 237 mm. Saw loss 3 mm.
5. Vertical at x 1058 mm across region x=708 mm, y=5 mm, 487 mm x 590 mm. Saw loss 3 mm.
6. Horizontal at y 205 mm across region x=708 mm, y=5 mm, 350 mm x 590 mm. Saw loss 3 mm.

Remaining offcuts

R1: 347 mm x 237 mm at x 358 mm, y 358 mm
R2: 350 mm x 34 mm at x 5 mm, y 561 mm
R3: 134 mm x 590 mm at x 1061 mm, y 5 mm
R4: 350 mm x 387 mm at x 708 mm, y 208 mm