

Assembly guide

Finger-joint box 200 x 150 x 100 mm · Finger-jointed box with removable cap lid · 200 x 150 x 103 mm. Diagrams are drawn from the real part outlines and positions.

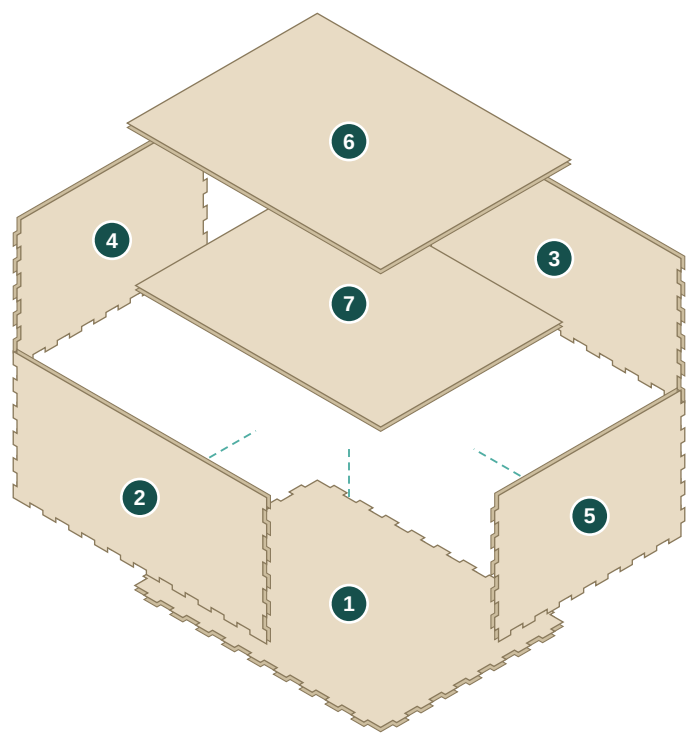
1. Identify the components

#	Part	Qty	Size mm
1	Base	1	200 x 150 x 3
2	Front wall	1	200 x 100 x 3
3	Back wall	1	200 x 100 x 3
4	Left wall	1	150 x 100 x 3
5	Right wall	1	150 x 100 x 3
6	Lid top	1	200 x 150 x 3
7	Lid lip (glue under lid top)	1	193.4 x 143.4 x 3

You will need

- Wood glue - The assembly steps glue the finger joints.
- Clamps or masking tape - To hold the joints square while the glue sets.

Exploded view



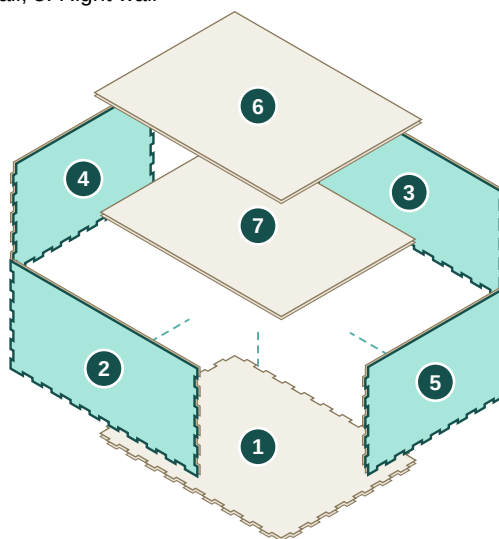
Arrows point from each part to its place in the finished piece.

2. Assembly steps

Step 1

Dry-fit the four walls: front/back tabs interlock with the left/right notches.

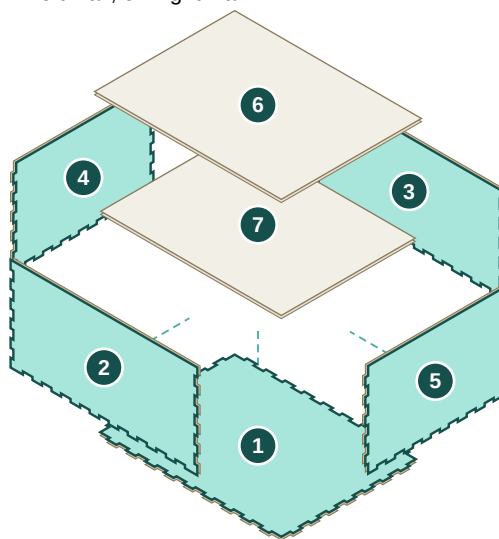
Parts: 2. Front wall, 3. Back wall, 4. Left wall, 5. Right wall



Step 2

Slide the base in from below so its tabs fill the wall notches; the base corners are open by design.

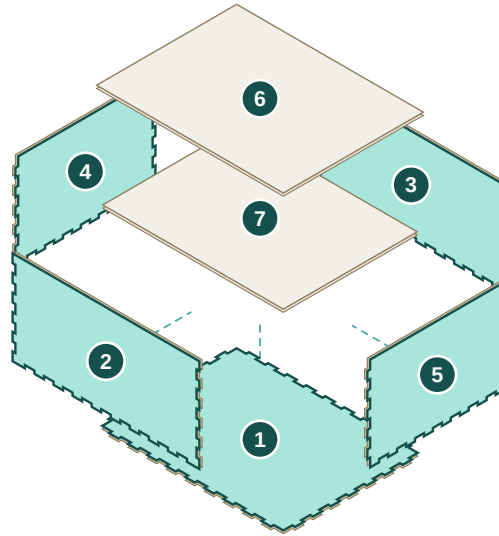
Parts: 1. Base, 2. Front wall, 3. Back wall, 4. Left wall, 5. Right wall



Step 3

Check squareness, then glue the finger joints and clamp.

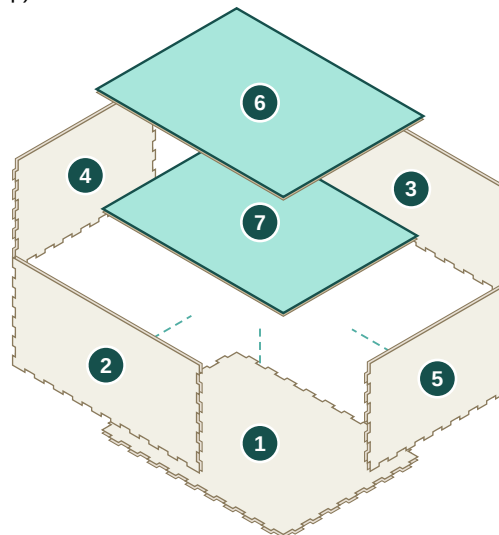
Parts: 1. Base, 2. Front wall, 3. Back wall, 4. Left wall, 5. Right wall



Step 4

Centre the lid lip under the lid top (0.3 mm clearance per side to the walls) and glue; the lip registers inside the box.

Parts: 6. Lid top, 7. Lid lip (glue under lid top)



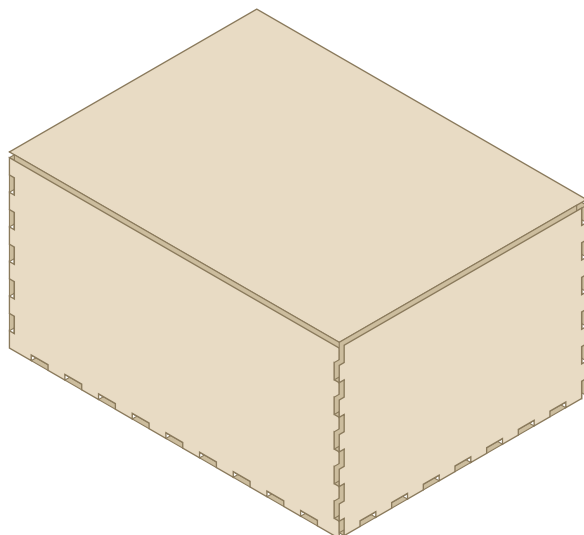
3. How the parts connect

- 2. Front wall interlocks by finger joint with 4. Left wall
- 2. Front wall interlocks by finger joint with 5. Right wall
- 3. Back wall interlocks by finger joint with 4. Left wall
- 3. Back wall interlocks by finger joint with 5. Right wall
- 1. Base interlocks by finger joint with 2. Front wall
- 1. Base interlocks by finger joint with 3. Back wall
- 1. Base interlocks by finger joint with 4. Left wall
- 1. Base interlocks by finger joint with 5. Right wall
- 7. Lid lip (glue under lid top) is glued to 6. Lid top (Centred, 0.3 mm clearance per side to the walls)

4. Finish and inspect

- Remove soot marks with fine sandpaper or a damp cloth if needed.
- Apply a finish only after the glue has fully set.
- Inspect the result: the finished size should be about 200 x 150 x 103 mm.

Finished piece



Glue, finishes and hardware are listed only when the design itself requires them. Test-fit before gluing.