



SPLINED MITER JIG

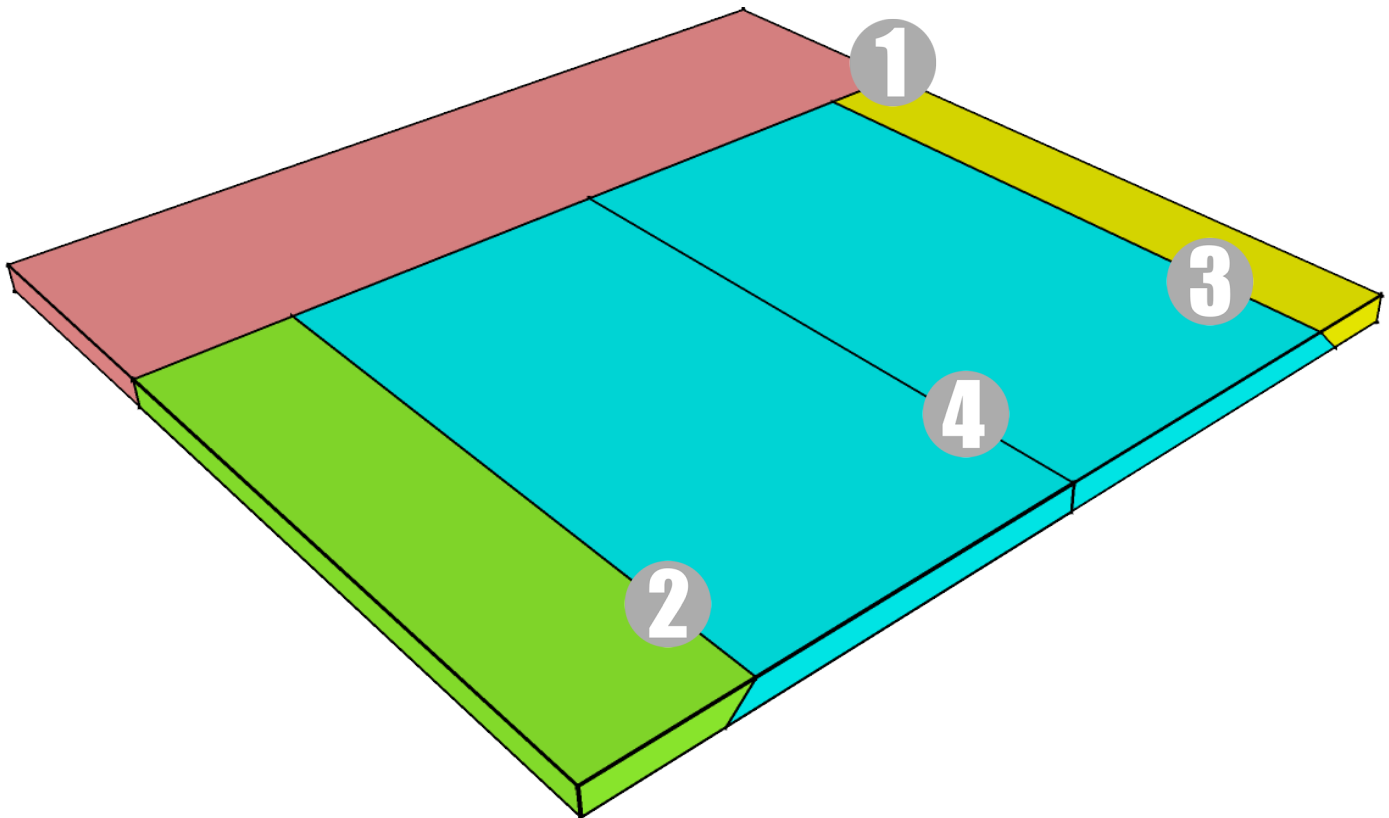
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Shopping List

Item	Quantity	Description
24" x 24" x 3/4" plywood	1	The more ply's the better!
Wood glue		

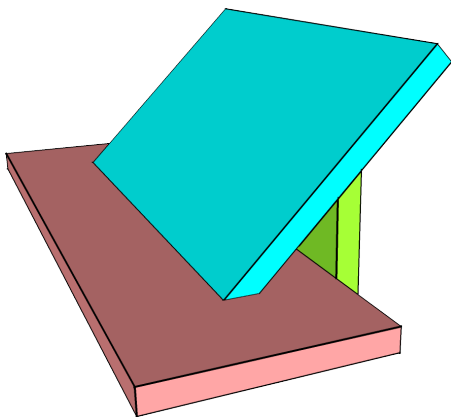
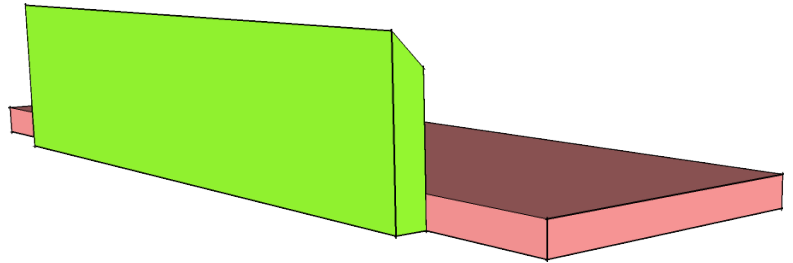
This entire jig is made from a 24" square piece of plwood. Make your cuts in this order:

1. Cut 7" off to use as the base
2. Tilt the blade to 45 degrees and place the fence at the 3-1/4" mark on your table saw fence ruler. This will result in a piece that is 4" wide if using 3/4" material. Getting it 100% on 4" isn't too critical so it's ok if your piece is slightly under or over 4."
3. Rotate the board 180 degrees and slide the fence over to 1-3/4." With the blade still at 45 degrees make your cut. The resulting piece should be close to 2-1/2" wide.
4. Move the blade back to 90 degrees and split the remaining piece in half. Exact measurements are not critical.



1

Center the 4" piece to the side of the base. Attach it with glue and one screw on each end.



2

Attach the first mitered face with glue and a couple brad nails or pins on each end. The end of the miter on the face piece should be close to center on the base.

3

To help in lining up the second mitered face I clamped a pair of speed squares to the first mitered face so that the 90 degree corner was facing down. Then I could add glue to the second face's miter and clamp it to the speed squares. The final piece is glued into place to brace the second mitered face piece. I clamped this piece down very gently making sure not to change any of the other geometry. That's it. Either secure it to a miter gauge or add a runner to the bottom to make it a sled.

