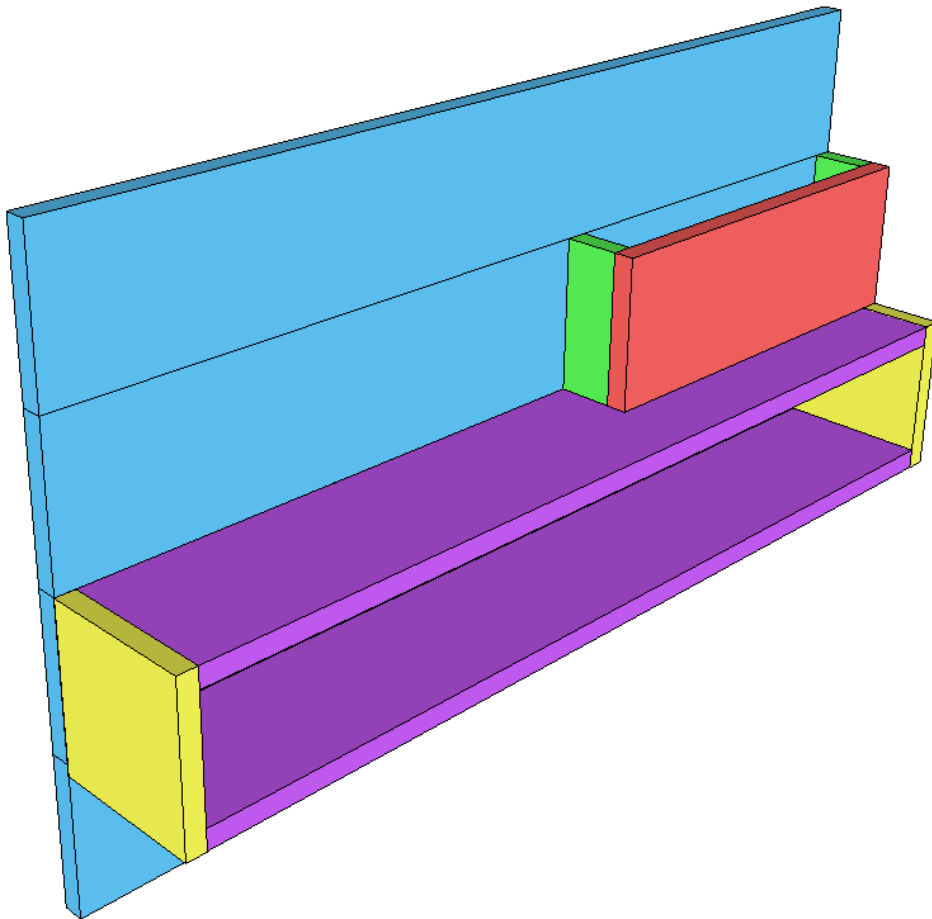


Industry DIY

# Entryway Shelf + Coat Rack



# Supply List

## Materials:

- 1" x 6" x 8' (QTY 3)
- Stain or Paint
- Finish (if staining)
- Coat Hooks (QTY 3-5)
- Key Hooks (QTY 3-6)

## Tools

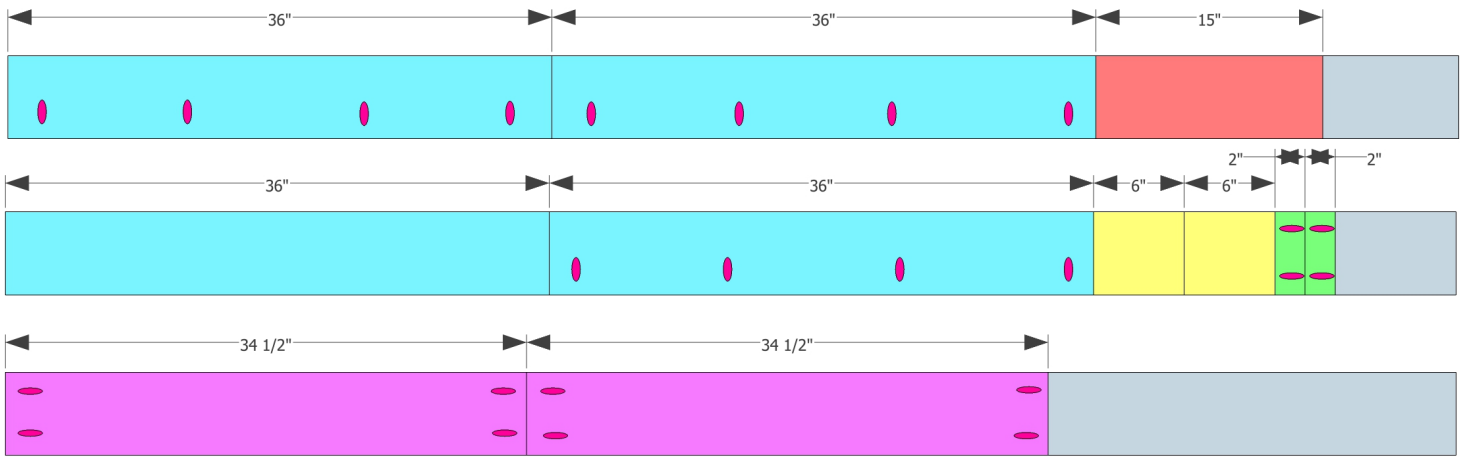
- Miter Saw
- Drill
- Kreg Jig
- Random Orbital Sander

## Other Hardware and Tools

- Tape Measure
- Kreg Drill Bit
- Sanding Disks (80, 150, 220)
- Kreg Screws (coarse - 1¼")
- Torx Head Screws (1½")
- Paint Brush
- Paint Thinner
- Cotton Rags
- 2 Sawtooth Hangers or 4 2½" screws
- Stud Finder

# Cut List

You can make these cuts all at once or as you need them.



The pocket holes are indicated by the pink ovals. These can be drilled as needed or all at once.

The jig and drill bit should both be set at the  $\frac{3}{4}$ " board thickness setting.

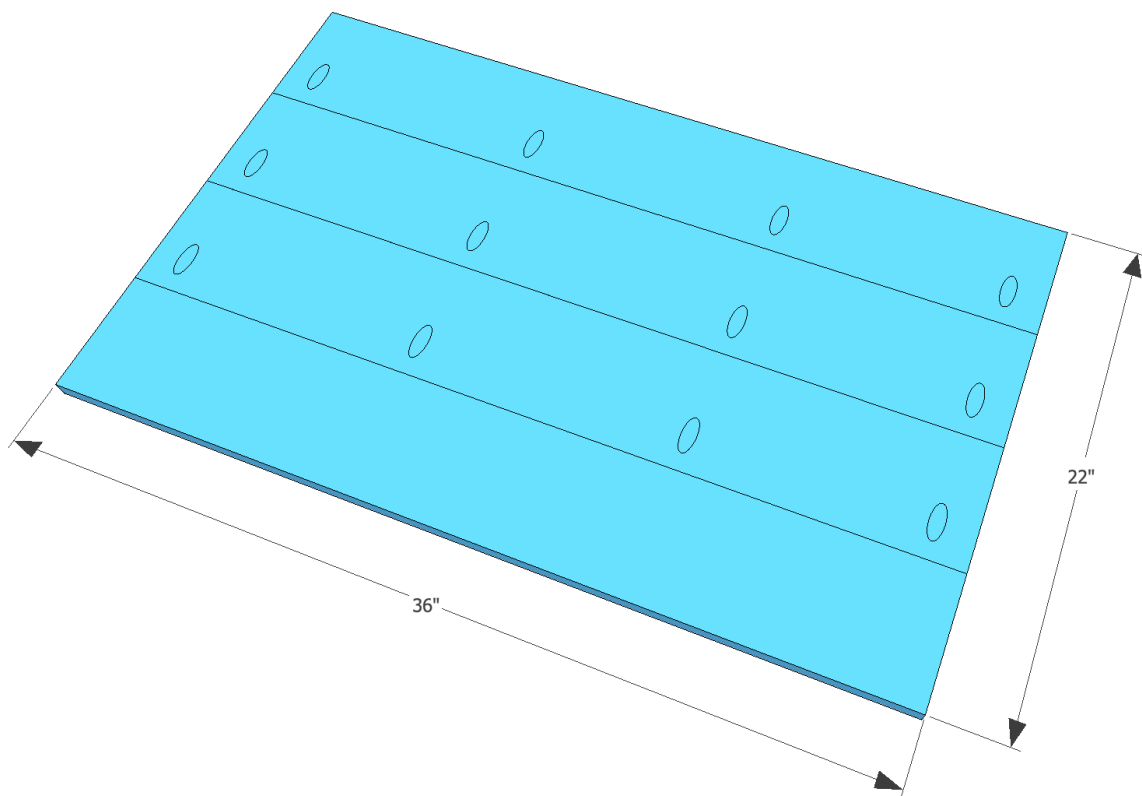
# Step 1

After making the cuts, assemble the backboard. It helps to clamp the boards together to hold the edges flush.

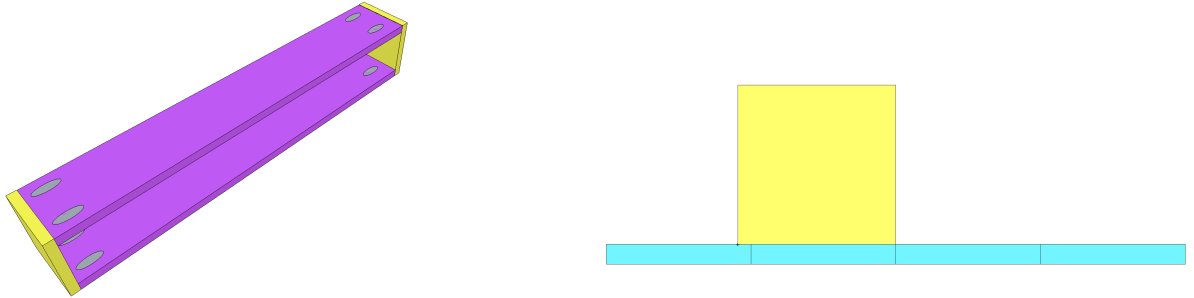
You can also clamp the boards down to a flat surface to keep the backboard flat.

Clamp 2 boards together then drive the 4 pocket screws. Add the third board, then the fourth.

Sand all surfaces and any splinters on the edges.



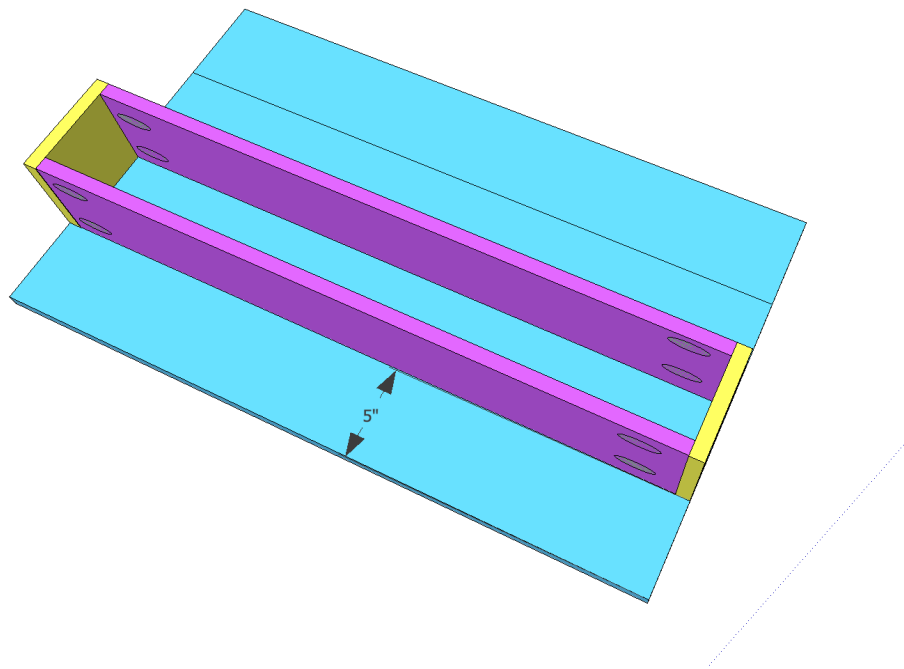
## Step 2 – Assemble Shelf



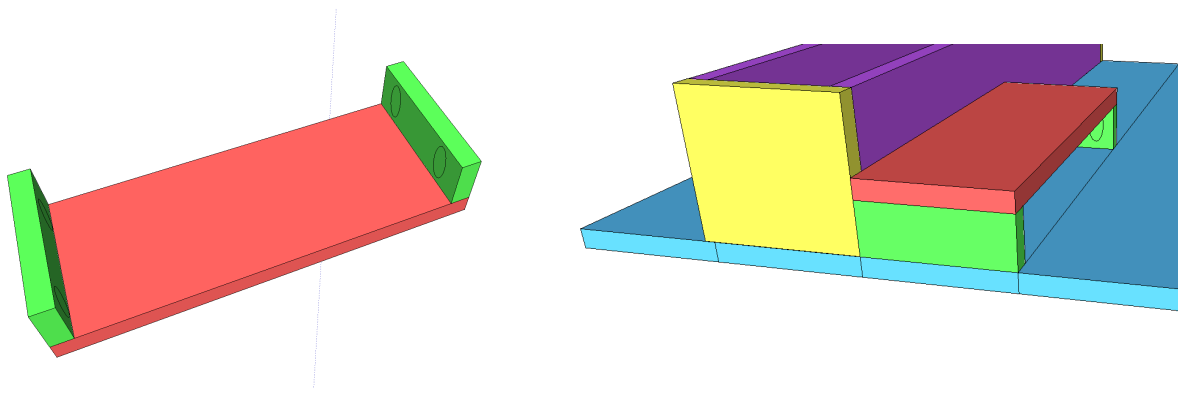
Use a Kreg clamp to hold each end piece to the long shelf board as you drive the screws.

Once assembled, sand around all edges, and set it on the backboard with pocket holes facing down.

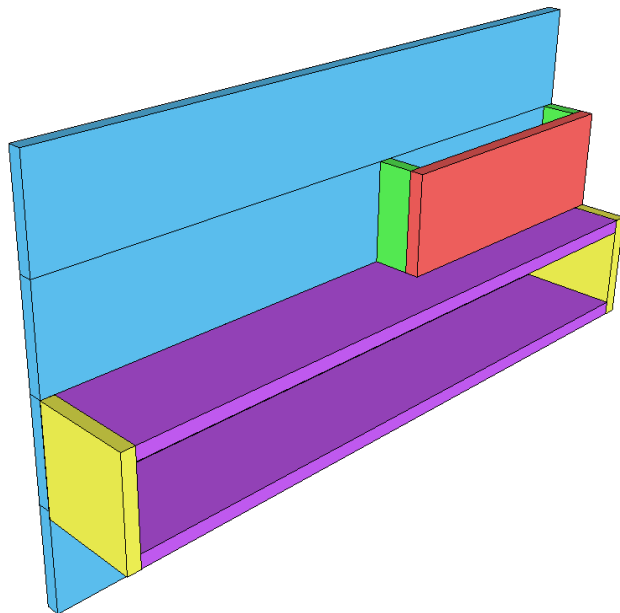
Mark where the shelf is on the back of the board, and drive in screws from the back. I used 8 1½” screws.



## Step 3 – Assemble Letter Holder



Drive your Kreg screws in the same fashion as the shelf. You can put this letter holder anywhere along the shelf. Drive some screws from the back to hold it in place.



## Step 4 – Sand and Prepare for Stain

This step involves sanding all of the surfaces. I generally use a 150 grit for this step because I usually just want a little bit of smoothing.

I will go back over it with 220 grit with the random orbital sander, and then by hand.

Make sure it is clean from dust and debris at the end of this step.

## Step 5 – Pre-Stain

Brush the wood conditioner on and follow the directions on the can.

## Step 6 – Stain and Apply Finish

Stain is not a necessity, but I did it because I wanted a darker color.

Use a finish that you are familiar with. I used a spray polyurethane. Do a couple coats with some light sanding in between.

## Step 7 – Install Hardware

Screw on your coat hooks along the bottom, and the key hooks along the top. You can customize this as you would like. See the [project page](#) for more info.