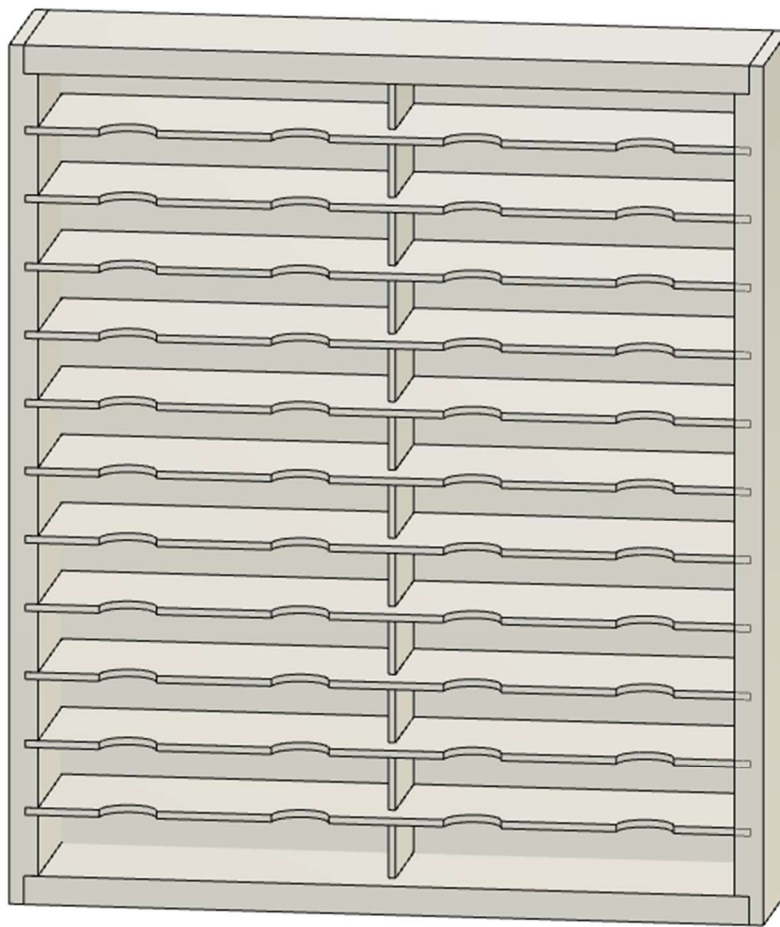




Tim Holtz Distress Oxide Inkpad Storage for Ikea Kallax

Build Plan – V1 – 01/2023

<https://HuntsWorkshop.com>



Introduction

This Plan will produce an Organizer that can hold 24 Tim Holtz Distress Oxide Inkpads. This plan assumes cuts are being made on a table saw with a standard 1/8" blade kerf. If you have a thin kerf or other blade, you will need to plan accordingly.

Videos

Video for this build is in the works, but not available yet.



Tools

- Table Saw (Substitutes: Track Saw, Miter Saw, Circular Saw, Jigsaw)
- Drill with 1" Forstner bit
- Brad/Pin Nailer

Materials

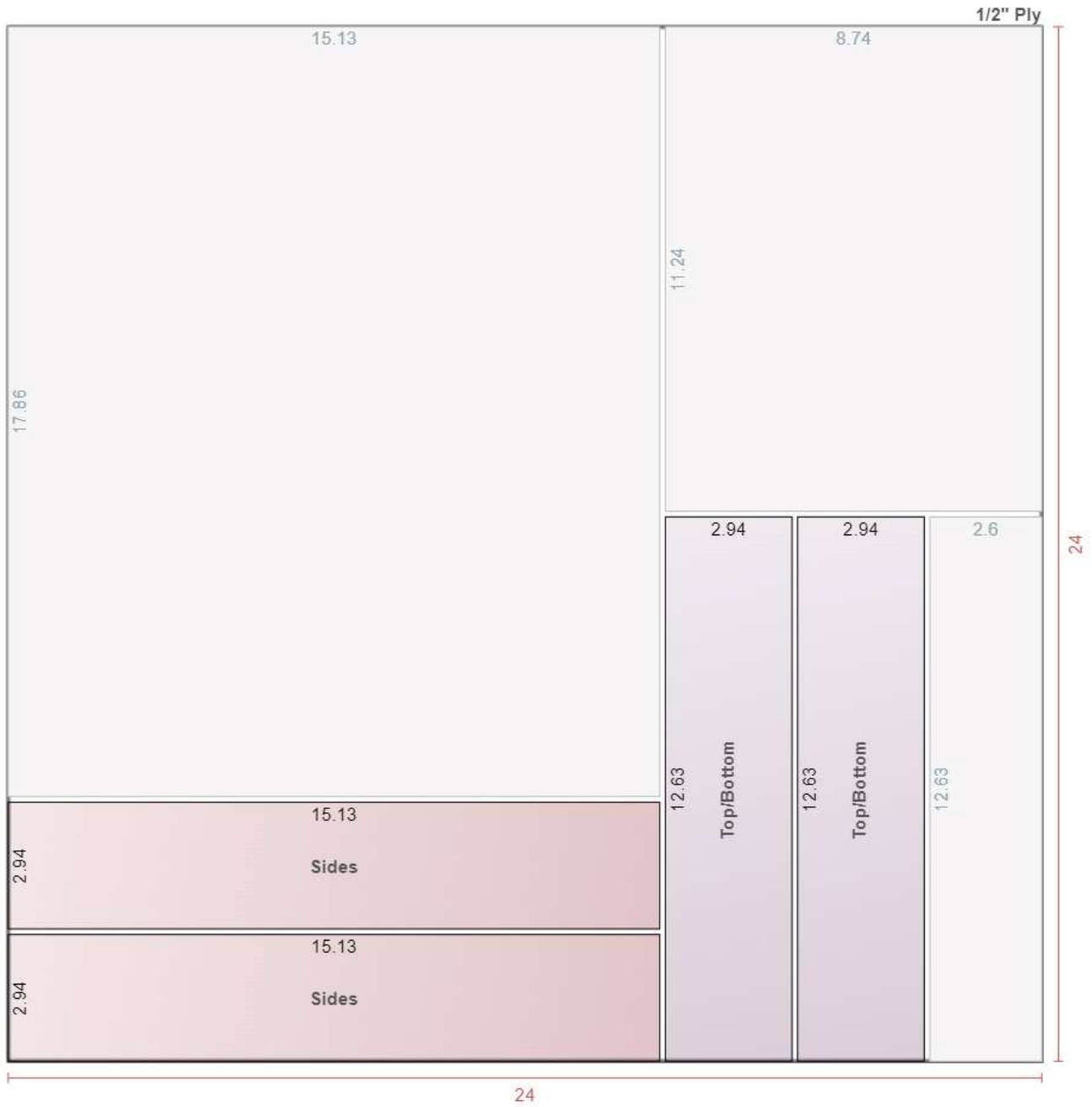
- ½" x 24" x 24" Plywood Scrap (available at most big box stores) | Qty: 1
- 1/8" 24"x48" Hardboard (or mdf) | Qty: 1
- ¾" Brad or Pin Nails | Qty: 8
- Glue
- Optional: Sandpaper
- Optional: White Paint

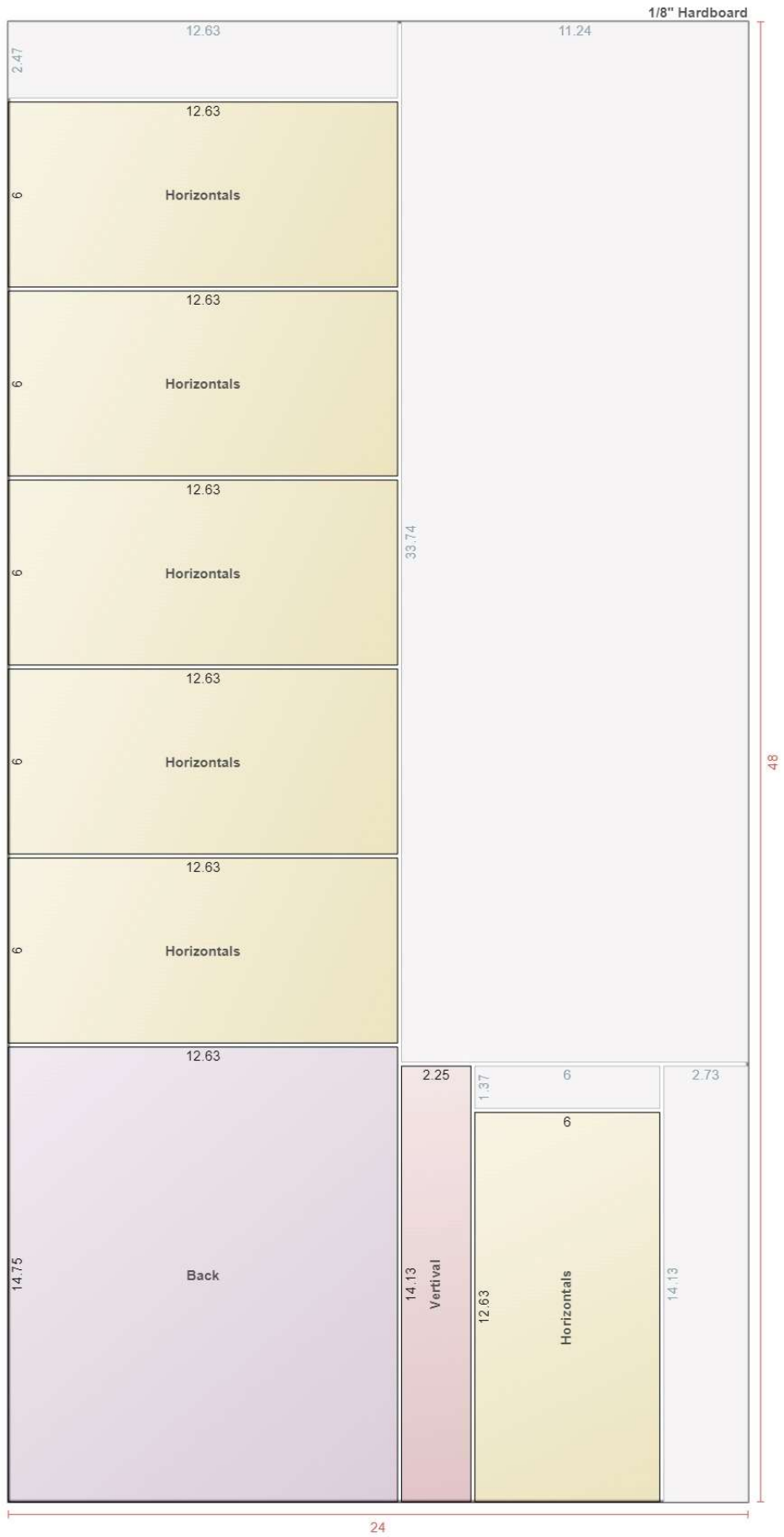
Cut List

Part Name	Stock	Quantity	Width in	Length in	Height in
Top/Bottom	1/2" Plywood	2	2-15/16	12-5/8	1/2
Side Rail	1/2" Plywood	2	2-15/16	15-1/8	1/2

Part Name	Stock	Quantity	Width in	Length in	Height in
Back	1/8" Hardboard	1	14-3/4	12-5/8	1/8
Vertical Divider	1/8" Hardboard	1	2-1/4	14-1/8	1/8
Horizontals	1/8" Hardboard	6	6	12-5/8	1/8

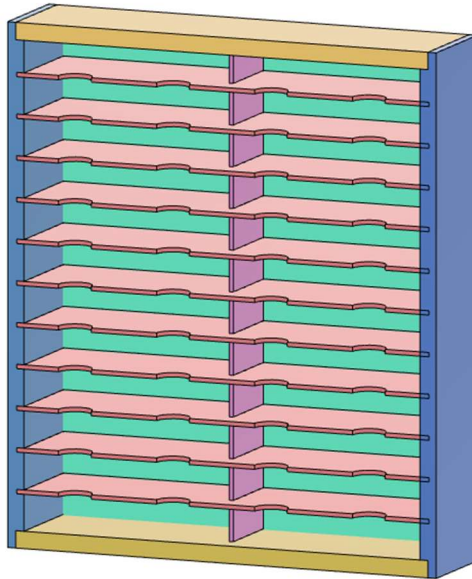






Instructions

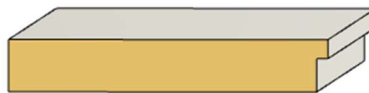
We'll use the following component color codes throughout the plan:



Cut Two pieces of $\frac{1}{2}$ " plywood to $12-5/8"$ x $2-15/16"$ for the top and bottom.



Cut $1/8"$ wide and $3/8"$ deep rabbet along one long edge of Top and Bottom pieces.

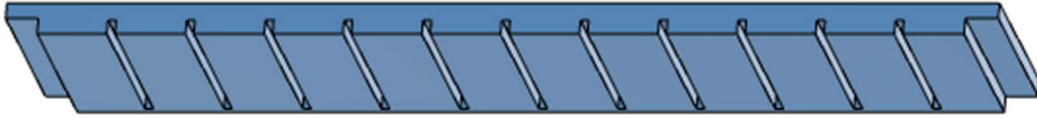


Cut Two pieces of $\frac{1}{2}$ " plywood to $15-1/8"$ x $2-15/16"$ for the sides.

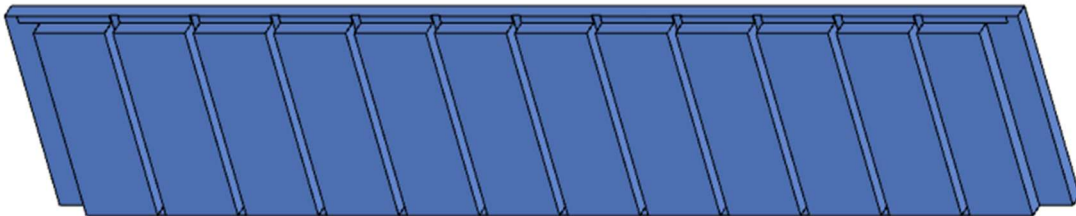
Cut $\frac{1}{2}$ " wide and $\frac{1}{4}"$ deep rabbets on each end.



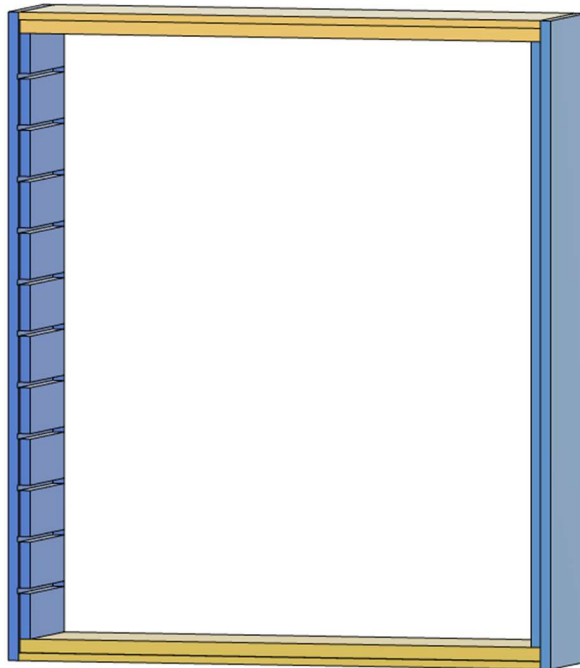
Cut 11 evenly spaced $1/8$ " wide by $1/4$ " deep dados in between the two rabbeted end. *Spacing is approximately 1"*.



Cut $1/8$ " wide and $3/8$ " deep rabbet along one long edge of both side pieces (just like you did to the top and bottom).

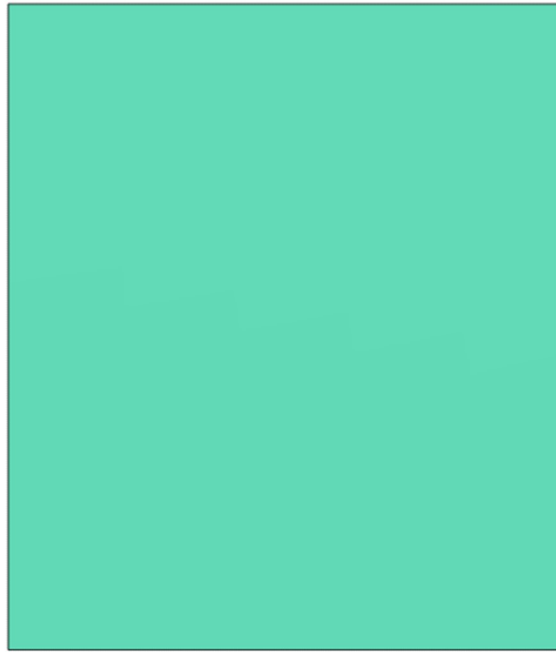


Assemble Top, Bottom and Sides with Glue and Brad nails, ensuring the frame is square.

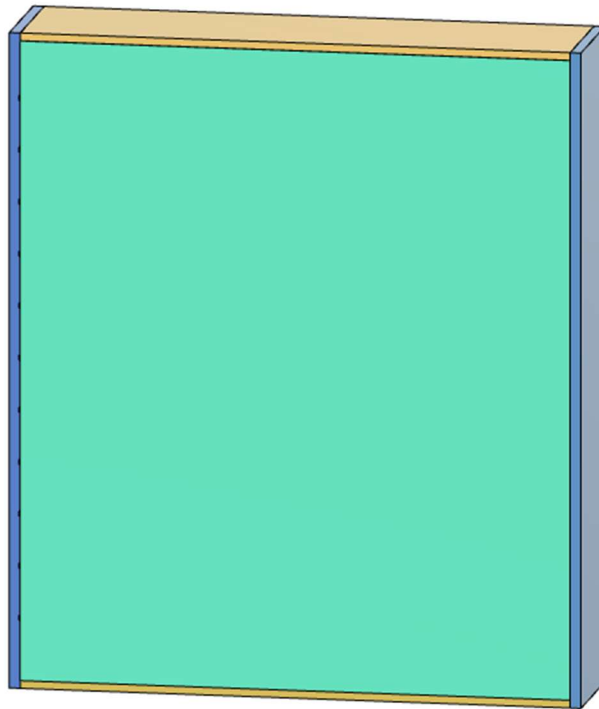


Cut $12-5/8$ " x $14-3/4$ " piece of $1/8$ " hardboard for the back.





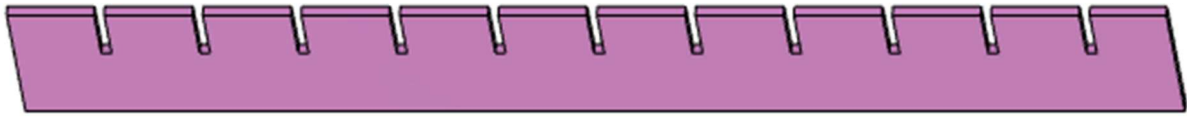
Install back in the recess on the back of the frame with glue and staples.



Cut $14\frac{1}{8}$ " x $2\frac{1}{4}$ " piece of $\frac{1}{8}$ " hardboard for center divider.

Make 11 evenly spaced $\frac{1}{8}$ " wide and $\frac{7}{8}$ " deep cuts from 1 long edge of the vertical divider. *NOTE: Using the sides as a reference to mark these cuts will keep everything consistent.



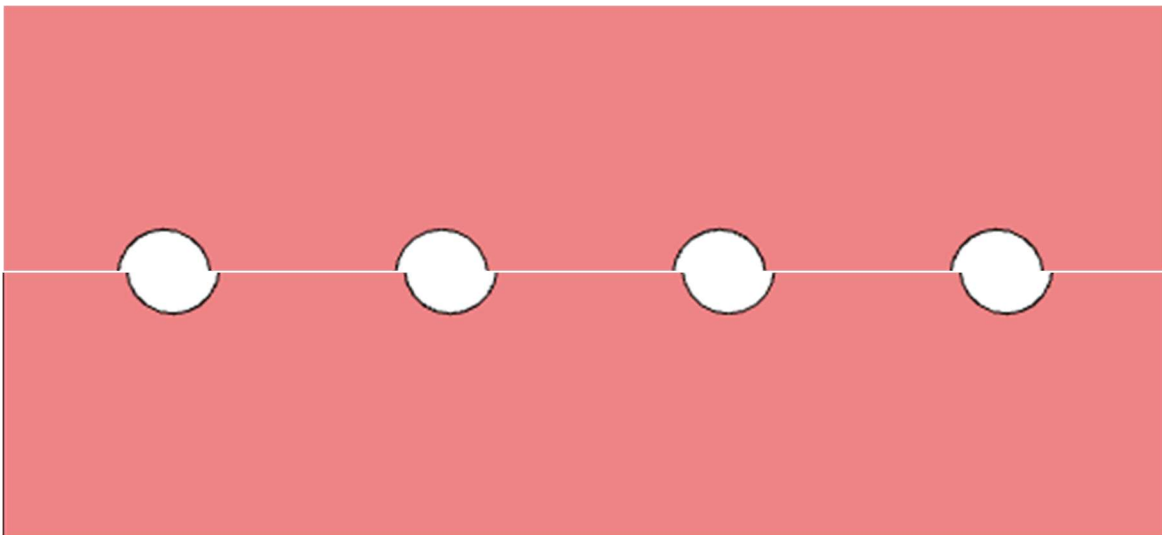


Cut 6 pieces of pieces of 1/8" hardboard to 12-5/8" x 6" for horizontal dividers.



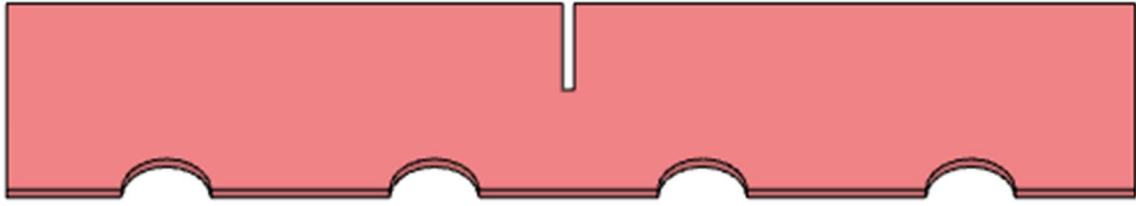
Use a 1" Forstner Drill Bit to drill 4 thumb recess holes across the center of the face.

Hole locations are 1-3/4", 4-3/4", 8" and 11" from the end.

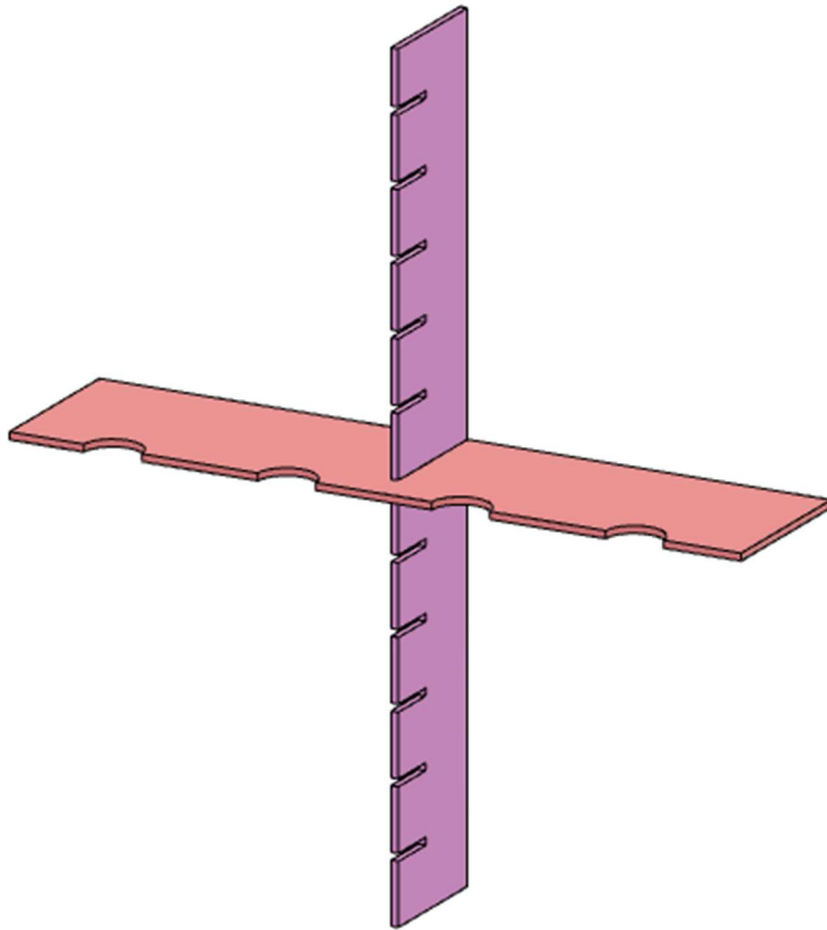


Cut all 6 pieces in half the long way to create 12 pieces.

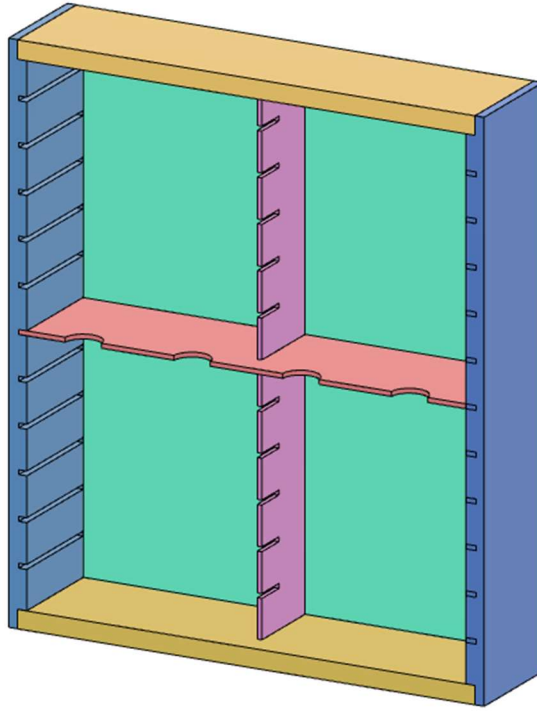
Make a 1-3/8" cut at center of long edge opposite the thumb recess holes.



Connect 1 horizontal divider to the vertical divider using the center recess to overlap.



Install the connected dividers into the center of the frame.



Install remaining horizontal dividers to complete the project.

