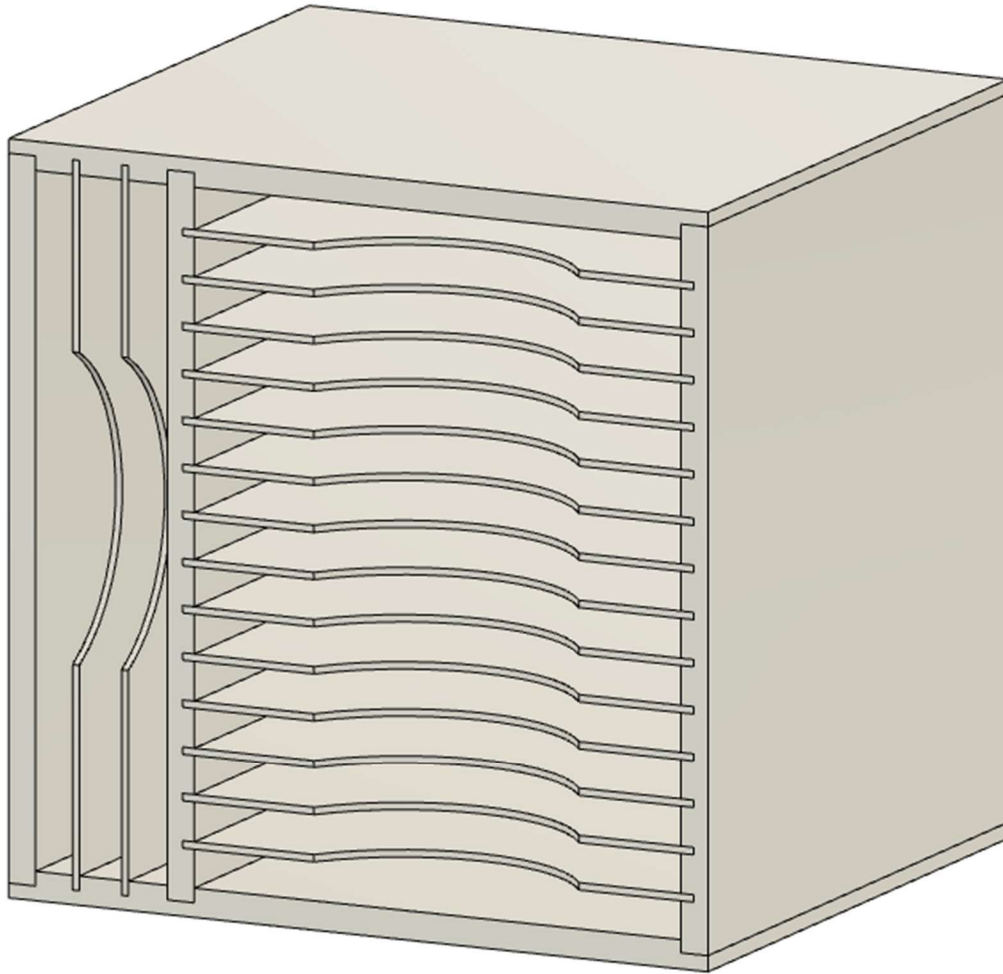




8.5" x 11" Paper Storage for Ikea Kallax

Build Plan – V1 – 01/2023

<https://HuntsWorkshop.com>



Introduction

This Plan will produce an Organizer that can hold 18 types of 8.5"x11" paper. 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)
- Brad/Pin Nailer

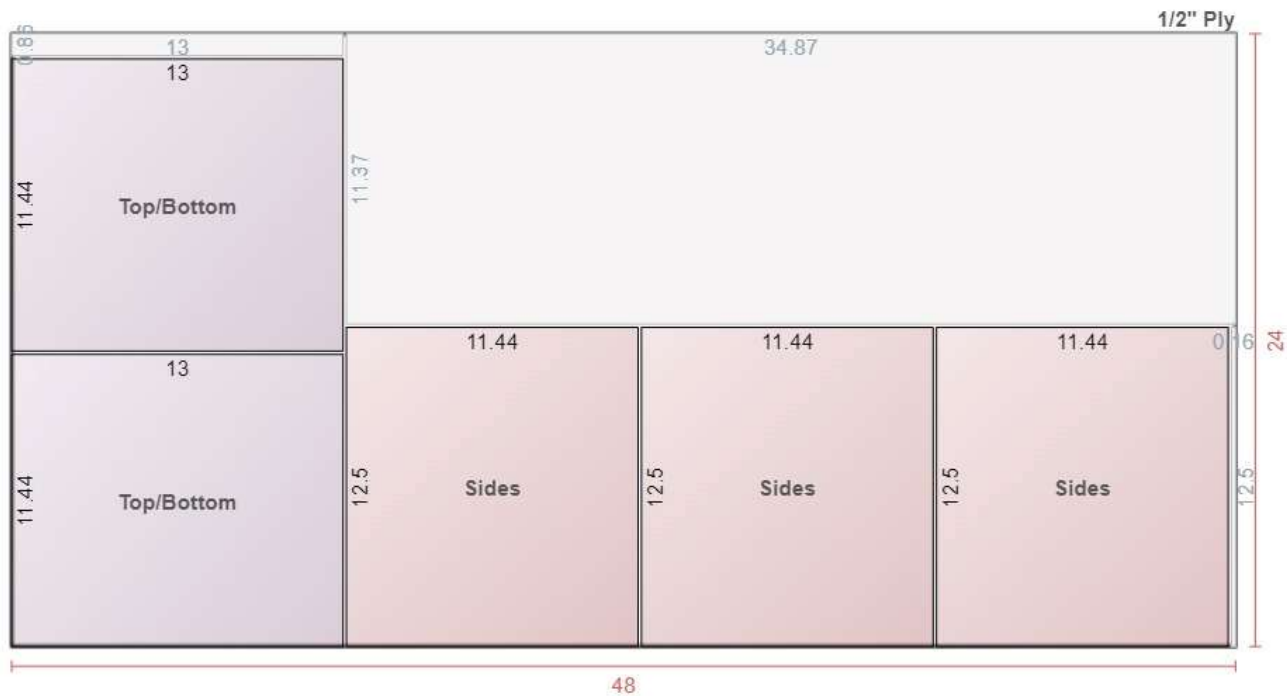
Materials

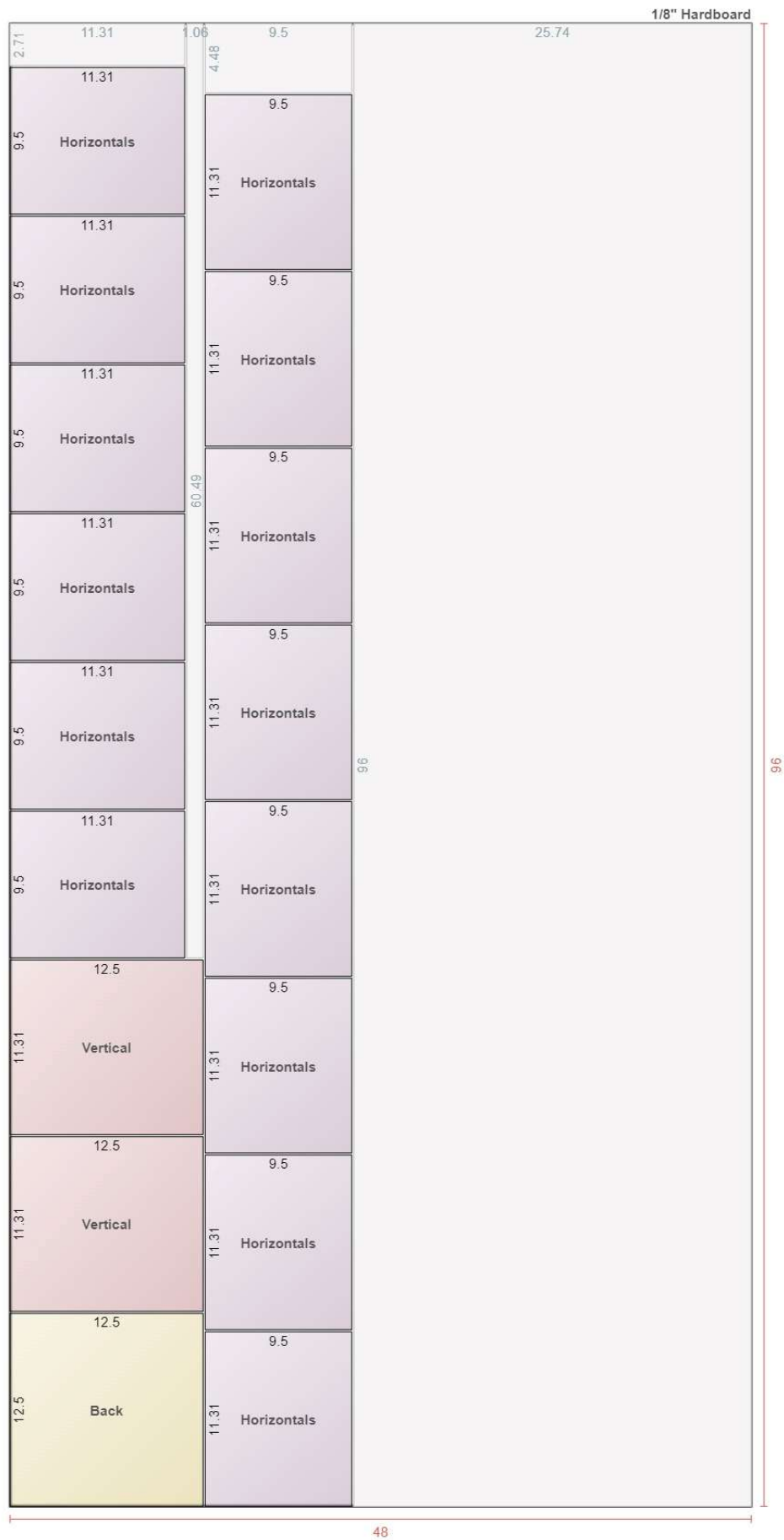
- ½" x 24" x 48" Plywood Scrap (available at most big box stores) | Qty: 1
- 1/8" 24"x96" Hardboard (or mdf) | Qty: 1
- ¾" Brad or Pin Nails | Qty: 8
- Glue
- Optional: Sandpaper
- Optional: White Paint

Cut List

Part name	Stock	Quantity	Width in	Length in	Height in
Top/Bottom	1/2" Plywood	2	13	11.438	0.5
Sides	1/2" Plywood	3	12.5	11.438	0.5

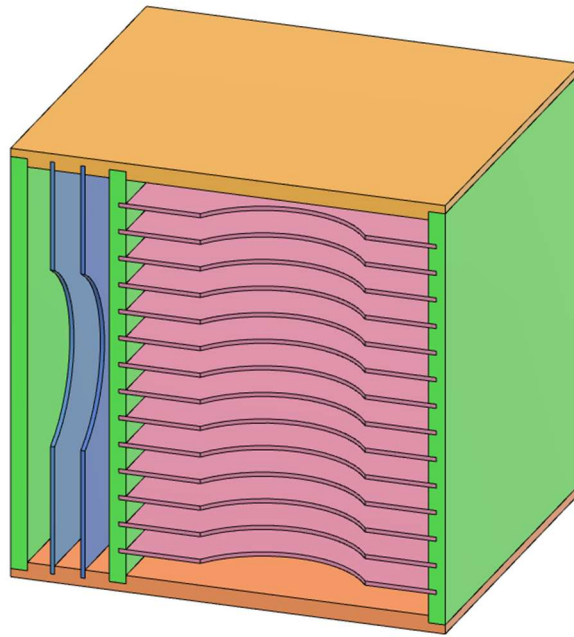
Part name	Stock	Quantity	Width in	Length in	Height in
Horizontal Dividers	1/8" Hardboard	14	9.5	11.313	0.125
Vertical Dividers	1/8" Hardboard	2	12.504	11.313	0.125
Back	1/8" Hardboard	1	12.506	12.506	0.125



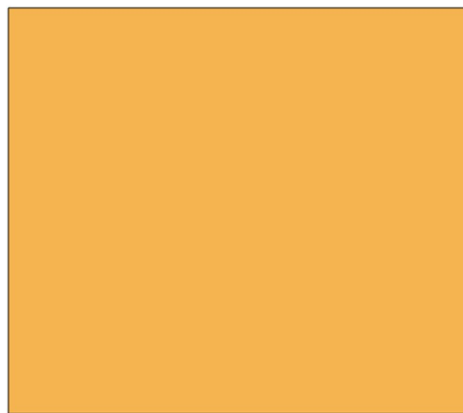


Instructions

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



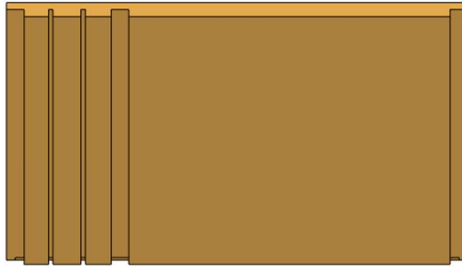
Cut Two pieces of $\frac{1}{2}$ " plywood for the top and bottom.



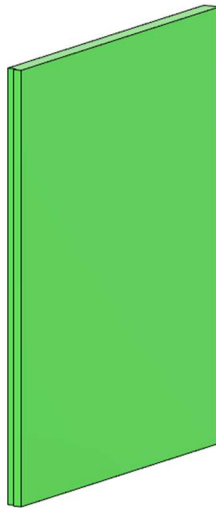
Cut $\frac{1}{2}$ " wide and $\frac{1}{4}$ " deep rabbets on each end.

Cut two $\frac{1}{8}$ " wide and $\frac{1}{4}$ " deep dado for vertical dividers.

Cut $\frac{1}{2}$ " wide and $\frac{1}{4}$ " dado for vertical support.

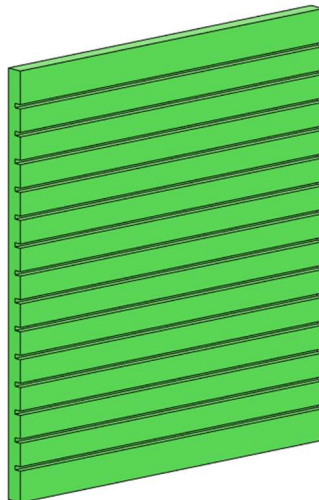


Cut Two pieces of $\frac{1}{2}$ " plywood for the sides.



Cut 14 evenly spaced $\frac{1}{8}$ " wide by $\frac{1}{4}$ " deep dados **TWO** of the Side Pieces. *Spacing is approximately $\frac{11}{16}$ ".*

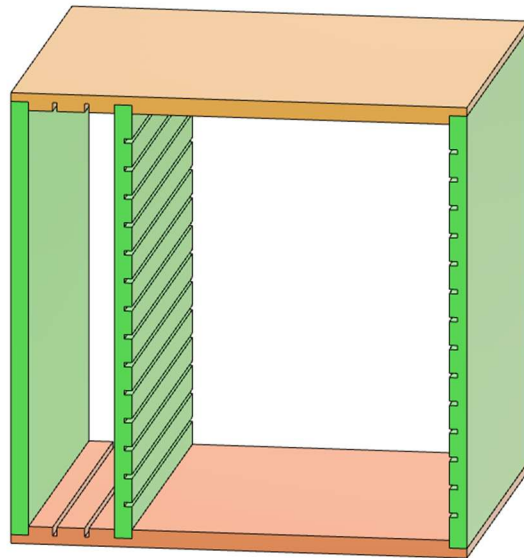
Trim $\frac{1}{8}$ " from **ONE** of the two sides with dado cuts (to account for the back panel).



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

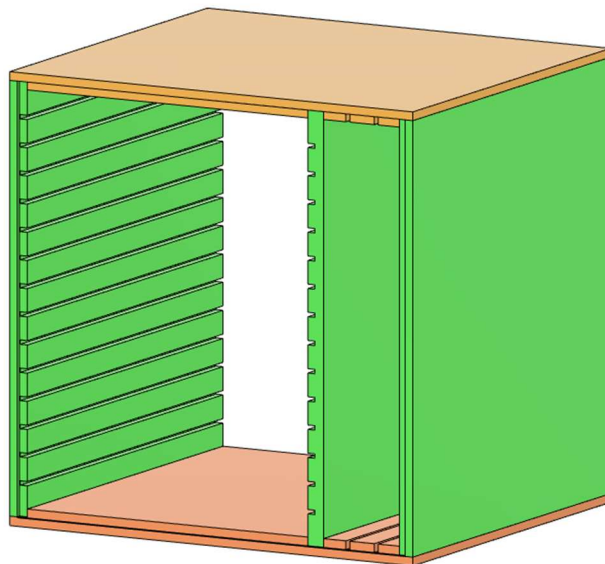
***NOTE: The 1'8" smaller side goes in the middle, aligned with front edge.**



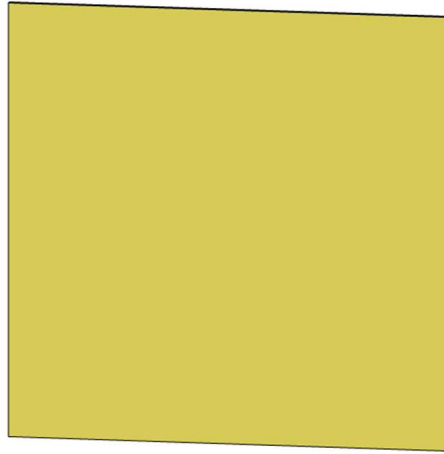


Cut $\frac{3}{8}$ " wide by $\frac{1}{8}$ " deep rabbet into back of frame to accept the back panel.

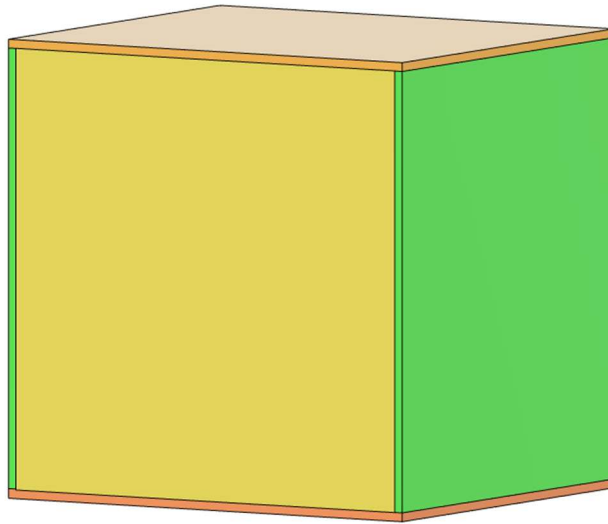
*Note you can do this with a router, or a table saw. Table saw will just leave small openings on the 8 corner edges that you can fill with putty. If you don't have a lot of experience with a router, this is the easiest way.



Cut $12\text{-}\frac{5}{8}$ " x $14\text{-}\frac{3}{4}$ " piece of $\frac{1}{8}$ " hardboard for the back.



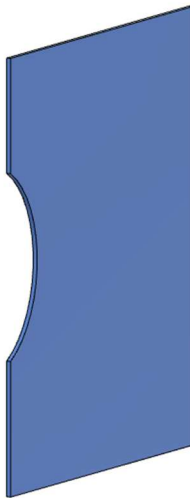
Install back in the recess on the back of the frame with glue and staples.



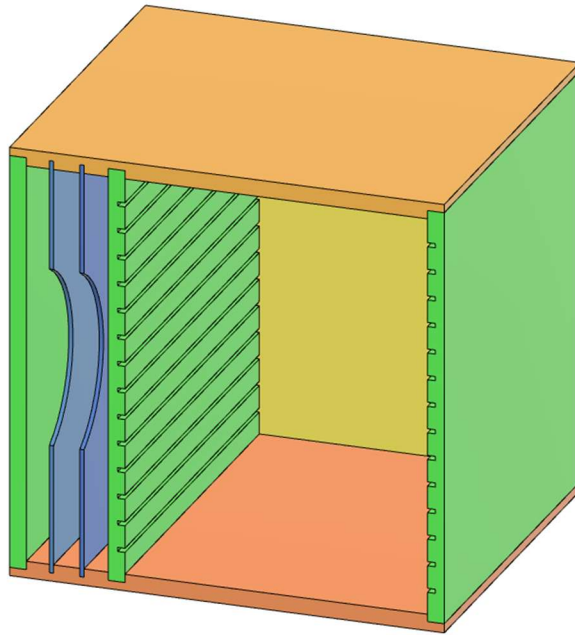
Cut 1/8" hardboard for vertical dividers.



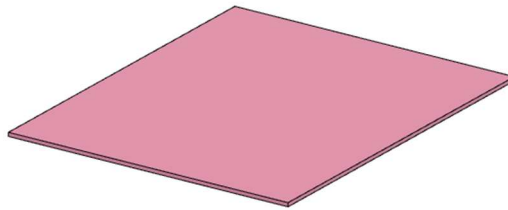
Cut front edge profile to make paper easier to access.



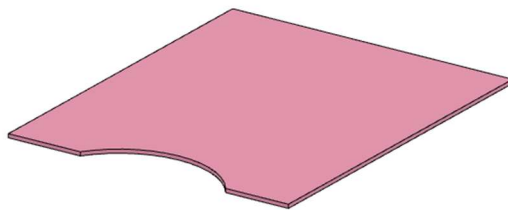
Install the vertical dividers into the frame.



Cut 1/8" hardboard for horizontal dividers.



Cut front edge profile to make paper easier to access.



Install the horizontal dividers into the frame.

