

HART™



Chalkboard Sign
@RootedInLove.Design

PROJECT PLAN

Skill Level: Intermediate

Materials

Item	Qty
3/4" x 1 1/2" x 10'*	1
1/8"* Plywood	1
Spray Chalk Paint	
Chalk Sticks, White	
Wood Stain	
Polyurethane	

* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

Tools Used



Miter Saw



Orbital Sander



Tape Measure



Hammer



Safety Glasses

ALSO NEEDED: Table Saw, T-square, Carpenter Square

Battery Tip: A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Assembly Instructions

Step 1

Clamp down miter saw. Set angle on miter saw to 45° and lock into place.

Step 2

Mark the $\frac{3}{4}$ " x 1 $\frac{1}{2}$ " x 10' board into four 25 $\frac{1}{4}$ " segments with inwards 45° on each end.

Step 3

Set up table saw to cut a $\frac{1}{8}$ " deep x $\frac{3}{16}$ " wide groove to allow artwork board to sit into the framework boards. Set the table saw fencing $\frac{3}{4}$ " from the inside of the blade to the fence.

Step 4

When cutting groove, run entire length of board through table saw. Rotate framework board 180° and repeat process for each of the 4 boards. NOTE: Make sure you cut the groove on the inside of the framework board. (That would be the short side of the angle.)

Step 5

Sand all 4 framework boards smooth with 220 grit sandpaper on the orbital sander, then wipe down each piece with tack cloth. Stain framework boards with your choice of stain. Let dry. Follow with indoor or outdoor polyurethane for desired area of hanging.

Step 6

Measure plywood to 24" x 24" square and then cut.

Step 7

Stain 1 side of artwork board. Let dry. Follow with polyurethane. Let dry. On opposite side, spray 3-4 coats of chalkboard paint. Let dry between coats.

Step 8

Place artwork board into the groove of the framework boards. Center framework boards with equal amount of overhang. Starting in one corner, align angles and nail together with a brad nailer or hammer. Repeat on each corner.

Step 9

Create artwork of your choosing: vinyl cutter, purchase a pre-made decal, or chalk art by hand drawing.

Step 10

Using piece of chalk, lightly cover entire surface in a vertical motion and repeat in a horizontal motion.

Step 11

Lightly wipe chalkboard surface with clean, dry cloth to desired aged look. NOTE: If using for outdoor décor, try to place in a covered area protected from moisture. The aged chalk look process may need to be repeated from time to time due to chalk wearing off naturally.