

HART™



French Cleat Equipment Organizer

@LowerHousetoHome

PROJECT PLAN

Finished Dimensions: 31.5" x 37" | **Skill Level:** Intermediate

Materials

Item	Qty
3/4" Plywood Sheet*	1
#8 x 1" Countersinking Screws	12
#8 x 2.5" Countersinking Screws	8
Wood Glue	-
3/4" Dowel Rod	1

* 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



Circular Saw



Drill/Driver



Drill Bits



20V 4.0Ah Battery



Tape Measure



Level



Safety Glasses



Carpenter Pencil

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

Assembly Instructions

Step 1

Using the circular saw, cut the $\frac{3}{4}$ " plywood to size for the backing of the organizer.

Step 2

Cut the French cleat strips 30.5" long - or 1" less than the width of your organizer backing. Bevel the circular saw to 45 degrees and cut down the length of the $\frac{3}{4}$ " plywood.

Step 3

Measure 2.5" from the cut edge and mark a cut line down the length. Set your circular saw set back to 0 degrees and cut down the board, making a straight edge. This will produce 1 cleat that has one angled side, and one straight side. Repeat this step until you have 8 cleats (6 for the board and 2 to be used for the attachments). The number of cleats may vary if your organizer is taller in size.



Assembly Instructions

Step 4

Attach the cleats to the board with the flat side facing out and the angled edge pointing up. Each cleat should be 3.5" apart and should be placed $\frac{1}{2}$ " from each side. Use a 2"x 4" piece of wood as a spacer.



Step 5

Apply wood glue to the back and place two to three 1" countersinking screws along the length of the cleat. You will want to countersink the screws approx. $\frac{1}{4}$ " with self countersinking screws. You can also use a countersink bit to pre-drill a hole if you do not have countersinking screws.



Step 6

Hang the organizer on the wall by attaching the backing to the wall studs using 2.5" screws.



Step 7

Create custom attachments to fit your needs for storing, hanging, and holding workout equipment. Each attachment should have a cleat attached to the back with the angle facing down. This will allow the attachments to hook onto the cleat wall. The cleats can be attached using wood glue and 1" countersinking screws. Hang attachments and organize your equipment!

