

# HOUSE ONE DIY MAGAZINE RACK

WWW.HOUSE.ONE - BY JENN LARGESSE



A wall-mounted magazine rack is the perfect place to store and display your favorite magazines. The clear front and slim design is also perfect displaying photos, records, and other artwork.

For this project, I'm using a small piece of plywood (sometimes called a "project panel" at the home center), a 1 x 2 board, and a thin acrylic sheet. To keep the design looking clean and fastener-free, I'm assembling it using a very strong glue called Clear Gorilla Glue.

*This project is sponsored by Gorilla Glue. All opinions are our own.*

## CUT LIST

Plywood – 1 @ 12" x 22"  
Acrylic – 2 @ 5" x 11"  
1 x 2 Sides – 2 @ 12"  
1 x 2 Divider – 1 @ 7"  
1 x 2 Bottom – 1 @ 20½"

## MATERIALS

Clear Gorilla Glue  
(1) ¼"x2'x2' Plywood  
(1) 1 x 2 x 8 Boards  
(1) .093"x12"x24" Acrylic  
Latex Gloves, Rag  
Sanding Sponge  
Painter's tape

## TOOLS

Circular Saw  
Miter Saw  
Drill/Driver  
Yardstick  
Hand Clamps

## STEPS

### **STEP 1 – PREP THE PLYWOOD**

Using the cut list above, mark the cut lines on the plywood. Place the plywood up on blocks, or so that the cut line is overhanging the edge of the work surface. Clamp the plywood in place.

Tip: Place a piece of painters tape inside each cut line to protect the edges from chipping.

### **STEP 2 – CUT THE PLYWOOD**

Using a circular saw, cut along the first line. Reposition the plywood, clamp it to the work surface, and then cut along the second line.

### **STEP 3 – CUT THE 1X2 PIECES**

Using a miter saw, cut the 1 x 2 pieces to length to make the sides, bottom, and divider.

### **STEP 4 – SAND THE PIECES**

Using a sanding block, lightly sand the edges and face of the plywood and 1 x 2 pieces.

### **STEP 5 – PREP THE ACRYLIC**

Apply a piece of painters tape along the center of the acrylic sheet. Using a permanent marker, mark a centerline on the tape.

### **STEP 6 – CUT THE ACRYLIC**

Using a miter saw (or circular saw) cut the acrylic to size. The acrylic can also be scored with a utility knife, and snapped along the line.

### **STEP 7 – LAYOUT THE PIECES**

Layout the pieces so that the 1 x 2 boards rest on the plywood. Position the bottom 1 x 2 board between the sides. Center the divider. Place the acrylic pieces across the sides and divider about two inches from the bottom edge.

### **STEP 8 – DAMPEN ONE SIDE OF THE CONNECTION**

Because Clear Gorilla Glue is activated by moisture, first wet the plywood beneath the bottom 1 x 2 board with a damp cloth.

### **STEP 9 – APPLY GLUE TO THE BOARDS**

Apply a thin bead of glue to the underside of the bottom board.

### **STEP 10 – CLAMP THE BOARD**

Place the board onto the plywood. Using hand clamps, apply even pressure to the connection between the board and plywood. Repeat to secure the remaining 1 x 2 boards using a damp cloth, Clear Gorilla Glue, and clamps.

### **STEP 11 – PREP THE ACRYLIC SHEET**

Remove the painter's tape and protective coating on each side of the acrylic sheet.

### **STEP 12 – WET THE CONNECTION**

Wet the 1 x 2 sides and divider where the acrylic sheet will rest.

### **STEP 13 – APPLY GLUE TO THE ACRYLIC**

Apply a thin bead of glue along each edge of the acrylic pieces.

### **STEP 14 – SECURE THE ACRYLIC**

Position the acrylic pieces onto the assembly, about 2 inches from the bottom edge, or so that their top edge sets flush with the height of the 1 x 2 divider. Keep the pieces clamped for two hours. Allow the assembly to cure for 24 hours before use.

### **STEP 15 – MOUNT THE MAGAZINE RACK**

Drive two nails or screws through the magazine rack and into the wall to hold it in place. As always, hitting a stud with at least one of the fasteners is recommended.