

# WINE RACK

This easy-to-make wine rack holds sixteen bottles and can be set in a cabinet, on a counter or shelf. But do not put it too close to a heat source – radiator, range, dishwasher, etc. Heat is harmful to wine.

Rack is made of two grids set 7 inches apart. Each grid is framed with 1" x 3/4" stock. The square openings for bottles in each grid are formed by 3/8" dowels.

**STEP 1 – SIDES**

- Cut 1" x 3/4" strips into four 17 1/2" lengths for the sides of the two grids, and four 16" long strips for top and bottom of grids.

**STEP 2 – LENGTHS**

- Set identical lengths side by side with tops and bottoms even and drill holes on the 1" face of the strip 4" apart for 3/8" dowels. Note on plan where holes are to be drilled.
- Drill holes right through each strip of 1" x 3/4" stock.

**STEP 3 – DOWELS**

- Make up twelve lengths of 3/8" dowel 17 1/2" long.
- Glue ends in holes and assemble rack by inserting dowels into frame pieces and joining frame pieces together at corners with glue and 4-penny finish nails.

**STEP 4 – MOLDING**

- Install 1" half-round molding around outside of each grid.
- Use miter corners and attach molding with glue and 1" long brads. Set brad heads and fill with wood filler.

**STEP 5 – FINAL ASSEMBLY**

- Set grids side by side and mark holes in similar pieces for connecting dowels. Dowel holes should be 3/8" diameter and 1/2" deep.
- Cut 4 connecting dowels 8" long and glue into holes.

**STEP 6 – FINISHING**

- Sand surfaces and apply polyurethane finish.

**MATERIALS:**

- 2 piece 1" x 3/4" 8' long\*
- 7 lengths of 3/8" dowel 36" long
- 2 pieces – 1" half-round molding 8' long
- Pkg. 4 penny finish nails
- Yellow glue, wood filler
- \*Need to be custom cut to size.

