

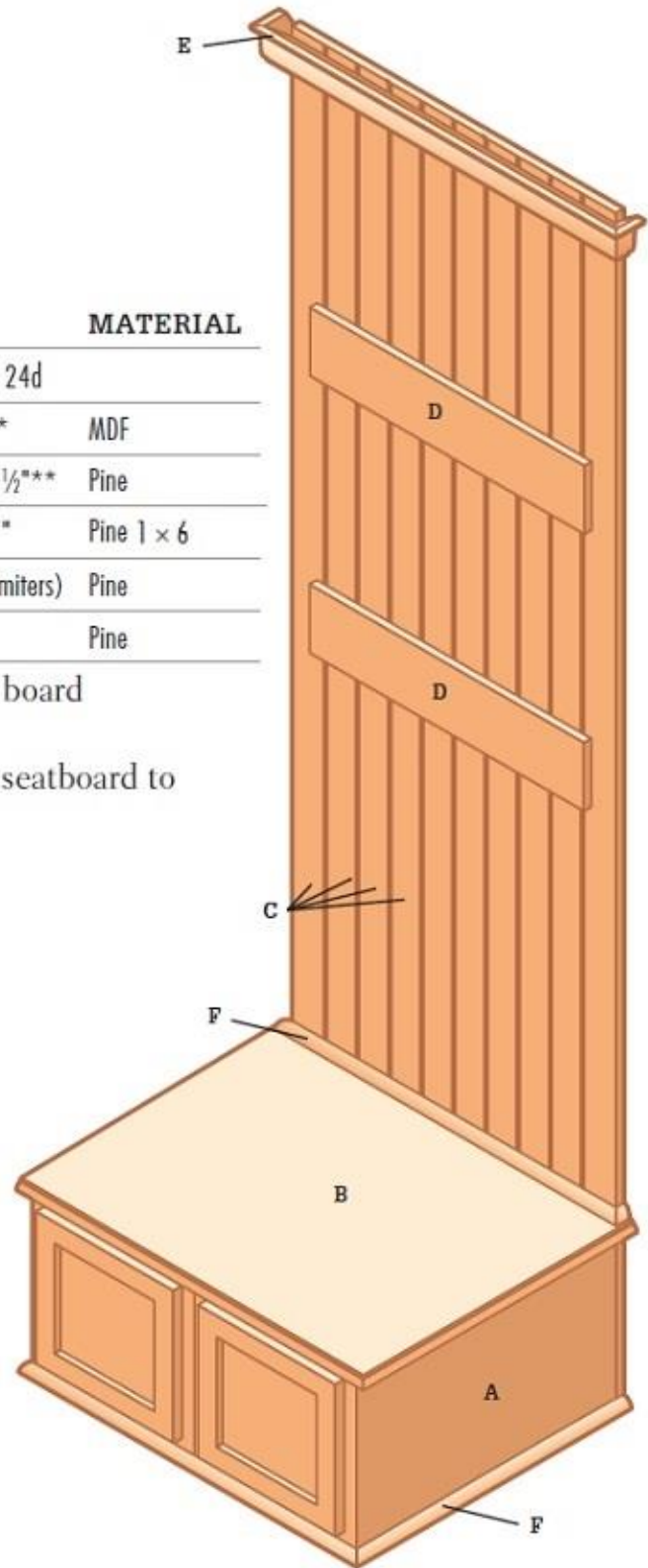
Towel Tower



KEY NO.	DESCRIPTION	SIZE	MATERIAL
A	Over-fridge cabinet	15h × 30w × 24d	
B	Seatboard	$\frac{3}{4}$ × 25 × 32*	MDF
C	T&G paneling	$\frac{3}{8}$ × 5½ × 71½***	Pine
D	Towel hook backers	$\frac{3}{4}$ × 5½ × 27"	Pine 1 × 6
E	3 lin. ft. Crown molding	Cut to fit (w/miters)	Pine
F	12 lin. ft. ¼-round molding	Cut to fit	Pine

* Finished size: requires slightly larger board for machining

** Length equals distance from top of seatboard to ceiling minus ½"



Step 1: Route a profile into Sides & Front of Seatboard



Rout a profile, such as an ogee or roundover, into the sides and front of the seatboard. Use a router table if you have one, otherwise hand-machine it with a piloted profiling bit.

Step 2: Flip Cabinet Upside-Down



Flip the cabinet upside-down so you can more easily attach the seatboard with screws.

Step 3: Mark Wall stub Locations



Drive screws through the back of the cabinet at the marked wall stud locations.

Step 4: Layout Tongue and Groove Boards



Lay out the tongue-and-groove carsing boards in a row, with the tongues fitted into grooves. Measure out in one direction (half the width of base cabinet) from a midpoint line in the center board.

Step 5: Cut boards down



Clamp a straightedge over a tongue-and-groove board, placing a piece of scrap plywood underneath as a backer. Ripcut the board to the correct thickness for the filler piece.

Step 6: Press Trimmed Filler board to wall



Press the trimmed filler board to the wall, seating it in construction adhesive, at the left edge of the panel area.

Step 7: Nail boards onto wall



Drive a pneumatic brad through the tongue of one of the far-right boards, and into a marked wall stud.

Step 8: Install moulding at top edge of seatboard



Install quarter-round or base shoe molding at the top edge of the seatboard where it meets the carsiding. Tie the molding back to the wall with mitered returns.

Step 9: Attach Crown Moulding



Attach crown molding at the top of the project, creating mitered returns at the ends. Mark the ceiling joists with tape.

Add Towel Hooks and finish as desired.