

TM WOOD PRODUCTS MANUFACTURING, INC.

Shelf Mantel Instructions (for permanent installation)



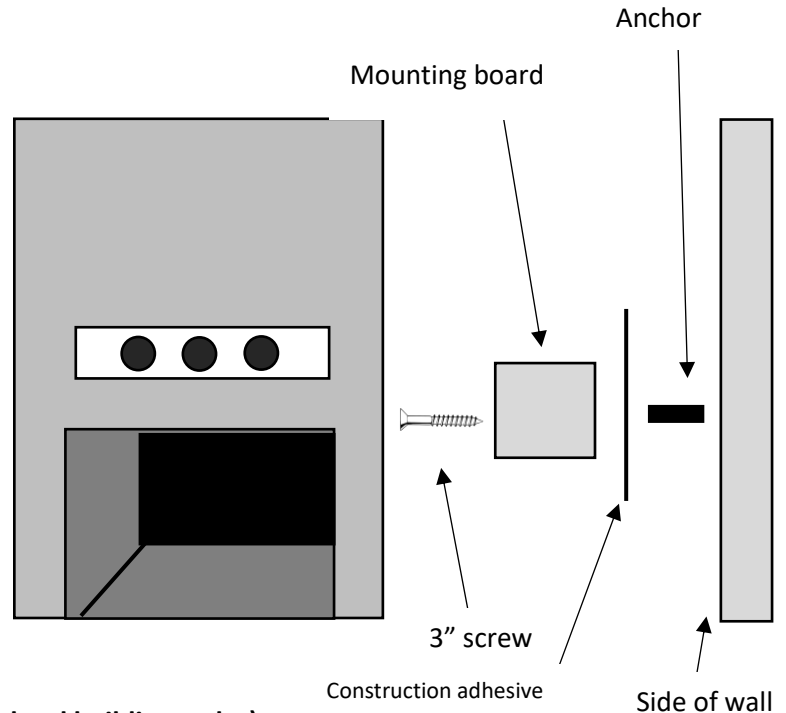
IMPORTANT: Please read instructions completely prior to installation. This may help you anticipate any potential problems with your installation, while you can still solve them easily. Always check local building codes before installation to ensure adequate clearance from your fireplace opening for combustible materials.

Mantel Carton Contains:

- 1 ea. Shelf Mantel
- 1 ea. Mounting Board (on request)
- 4 ea. 3" #10 Wood Screws
- 4 ea. Plastic Wood Anchors
- 2 ea. 2" #8 Wood Screws
- 1 ea. Installation Instructions
- 1 ea. Suggested Finishing Instructions

Additional items suggested for retail:

- Power drill (3/16" or 5/16" bit)
- #8 Counter Sink Bit
- Phillips Screwdriver
- Tape Measure
- Level
- Stud Finder
- Caulk Gun
- 11 oz. Construction Adhesive



STEP 1: Find Desired Installation Height (check local building codes):

This height is primarily based on what looks best to you, 50" – 60" is average range for overall height. But, be sure to check with your local building codes to ensure adequate clearance from fireplace opening to bottom hanging Mantel Shelf.

STEP 2: Attach Mounting Board:

With the 3/16" drill bit, pre-drill the mounting board evenly along its length for the 3" #10 screws. If you are mounting the mantel to wood framed drywall, locate at least two studs and drill the mounting board so the screws will hit those studs. Hold the board to the wall, check for level and mark the wall where the holes have been drilled through the board. With the 5/16" drill bit, drill holes into the wall surface at the points marked and insert the plastic anchors. Run a bead of construction adhesive along the back side of the mounting board, put it in place and tighten the screws until secure.

STEP 3: Mounting Shelf Mantel:

Run a bead of construction adhesive along the top edge of the mounting board. Slide the mantel over the board and use the 2" #8 wood screws to attach the mantel while holding it tight against the wall. You may want to countersink them and use wood plugs to give them a finished appearance. A helper will make this last step easier.

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FINISHING RECOMMENDATIONS:

Notice to Purchaser: T.M. Wood Products does not warrant performance of any finish materials applied by others. The following suggestions are offered as a guide to your selection and use of finish materials, however, we also recommend you consult with your painting contractor or local dealer.

OAK & PINE MANTELS – STAIN FINISH

1. Prior to staining, the mantel should be clean and free of dust. Use a 120-150 grit-sandpaper to final sand, paying careful attention to the putty covering the fasteners. Wipe the entire surface with a tack cloth or a soft lint-free dampened in mineral spirits.
2. You may finish your T.M. mantel without the use of stain (natural) or in a wide range of color tones using the proper stain. Select a high-quality oil stain and follow the manufacturer's instructions for best results. Most stains can be wiped dry after the application. The length of time the stain can penetrate before wiping and the amount of rubbing with a clean dry cloth will determine the depth of color tone. Pine and other soft woods frequently absorb stain unevenly and you may want to apply a wood conditioner or sanding sealer prior to staining a soft wood mantel. Most stains lighten in color upon drying and darken somewhat upon the application of a clear sealer or other finishes. You may want to experiment with a sample board to assure your satisfaction with the final appearance.
3. After you have allowed the stain to dry for 24 hours, apply at least two coats of a clear moist sealer to all surfaces, including the edges. Alkyd sealer is not the finish. Its purpose is to seal the wood pores as a highly penetrating, low viscosity material. Some stains contain sealers, however, unless additional clear sealers are applied over the stain-sealer, it is seldom possible to achieve sufficient sealer protection with a combination product, without having the stain color to become dark. Lightly sand with 400 grit sandpaper, then wipe the mantel with a tack cloth or soft lint-free cloth dampened in mineral spirits after each coat of clear sealer.
4. Apply at least two coats of a high-quality finish to all surfaces, including the edges. Many excellent products are available and suitable for the finishing coat, depending upon the appearance desired. Lacquer, tung oil, varnish and other polyurethanes have different appearance characteristics and application techniques. Make sure your finish is compatible with your sealer. Consult with your painting contractor or local dealer to make your selection.

NOTE: WHEN STAINING PRODUCT, DO NOT USE "ONE STEP" STAINS AND SEALERS SUCH AS MINWAX. THESE TYPES OF "ONE STEP" PRODUCTS ARE NOT COMPATIBLE WITH OUR PRODUCTS.

OAK & PINE MANTELS-PAINT FINISH

1. See Step 1 above.
2. Apply a high-quality oil-based primer according to the manufacturer's instructions. If you are painting an oak mantel and desire a smooth topcoat, use a paste wood filler to close the pores in the wood grain before applying the primer. Sand lightly, and then wipe the mantel with a tack cloth or soft lint-free cloth dampened in mineral spirits.
3. Apply at least two coats of high-quality finish paint. Many excellent products are available and suitable for the finishing coat depending upon the appearance desired. Lacquer, polyurethanes, oil, acrylic and latex enamels have different appearance characteristics and application techniques. Consult with your painting contractor or local dealer to make your selection.

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