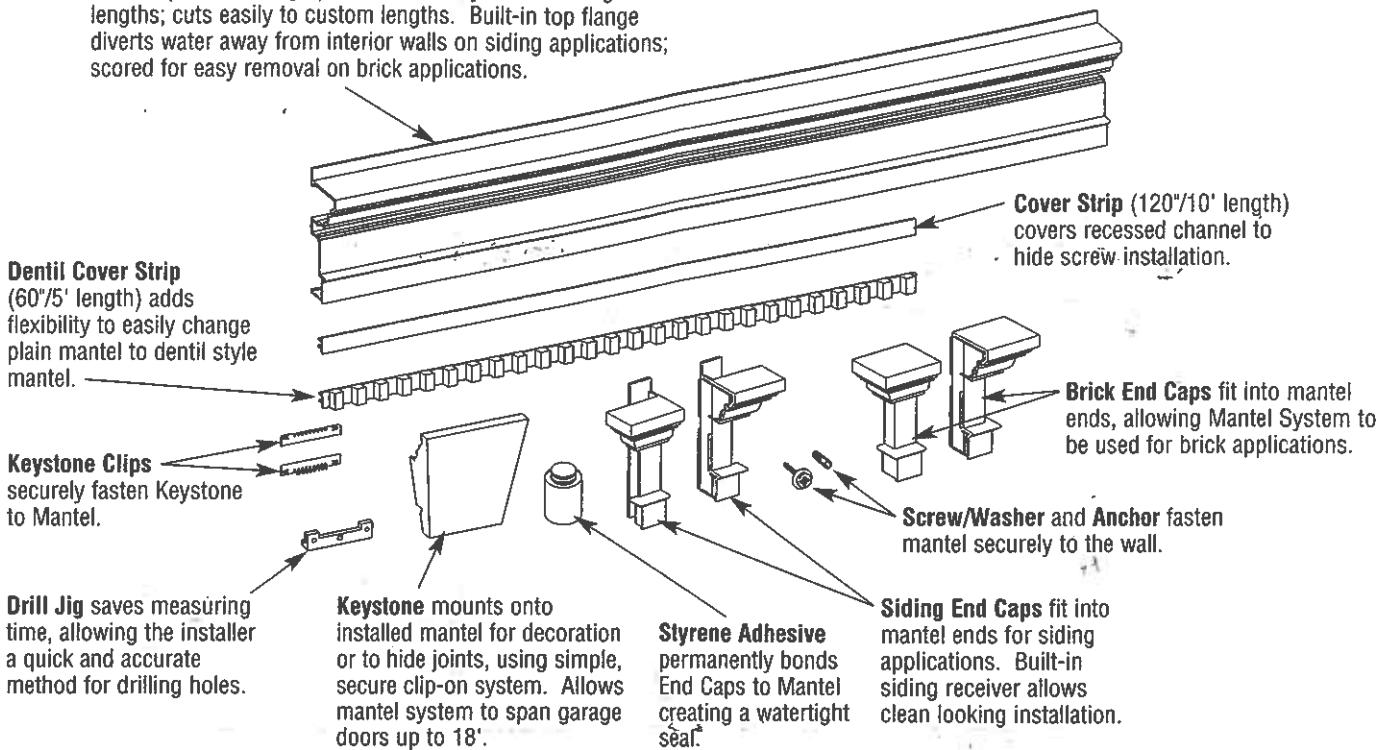


Mantel System Installation Instructions

Mantel (120"/10' length) allows flexibility to cover longer lengths; cuts easily to custom lengths. Built-in top flange diverts water away from interior walls on siding applications; scored for easy removal on brick applications.



Thank you for purchasing our 120"/10' Mantel System. Its longer length and tough, rigid polystyrene construction offer you greater installation flexibility and quality results for large windows and garage doors.

- No delays waiting for custom-ordered long lengths
- Span a 16-18' garage door with only one joint!
- Cuts cleanly and evenly to fit any size window or door
- Fewer pieces to keep track of or mix up on the job
- Superior strength over polyurethane offers greater resistance to denting and damage
- Fast, precise hidden installation system uses no face nailing, stays secure on the wall
- Works for both brick and siding applications
- Built-in water diversion system for siding; helps protect sub-walls
- Clip-on Keystone for decorative option or covering joints
- Paintable baked-on acrylic finish with UV stabilizers provides long term weatherability and custom color capability

IMPORTANT INSTALLATION INFORMATION

- If installing the Mantel System over existing siding, use **Brick End Caps** and see "Installing Over Brick or Existing Siding" on page 4.
- If installing new siding, the Mantel System should be installed before siding is applied.

TOOLS REQUIRED

- Hammer
- Pencil
- Screw driver
- Electric drill with 1/4" bit and 5/16" masonry bit
- Utility knife
- Clamps
- Table or radial arm saw with 10" diameter carbide-tipped saw blade

MAINTENANCE

- To clean, use mild soap with warm water to remove dirt, dust or surface stains that may collect from time to time.
- To protect this unit from accelerated degradation that may result from continuous exposure to ultraviolet rays, it is recommended to repaint every 5 years.
- To paint, make sure unit is clean and free of dirt or dust. Use high grade exterior latex paint.

CAUTION: Do not use oil-base paint.

Installing With Siding Applications

1. First, determine the type of siding accessory that will be used around the window or door.

- If standard "J" Channel is used, cut Mantel to width of window/door frame (Figure 1a).
- If 3 1/2" Window & Door Casing Lineal is used, cut Mantel to width of window/door frame *plus 5"* (Figure 1b).
- If 5" Corner Lineal (flat or fluted) is used, cut Mantel to width of window/door frame *plus 8"* (Figure 1c).

Note: To cut the Mantel, use a table or radial arm saw with a 10" diameter *carbide-tipped* saw blade. You can leave the cover strip mounted in Mantel for cutting purposes only (Figure 2), then remove by unzipping from end before installing End Caps.

Installing Siding End Caps to Mantel

2. Clean the cut end of the Mantel so that no shavings or grit remain.
3. Insert the lip of the End Cap into the Mantel and mark the Mantel with a pencil on the inside at the end of the End Cap lip. Remove the End Cap.
4. Spread a thin coat of styrene adhesive over the inside of the Mantel from the cut edge to the pencil line *and* on the lip of the End Cap (Figure 3).

CAUTION: Contact with Styrene Adhesive will cause painted surfaces to smear.

5. Insert the lip of the End Cap into Mantel and hold in place (Figure 4). Allow adhesive to set for minimum of 20 minutes before installing to wall.

To help hold End Caps, clamp top and bottom (Figure 5).

Helpful Hint: Lightly caulk the joint with a good quality latex caulk.

Installing Above Door or Window

6. For a tight, weather-proof seal, apply a 1/4" caulking bead along top back edge of window/door framing, and on the backside perimeter of the Mantel and End Caps (Figure 6).

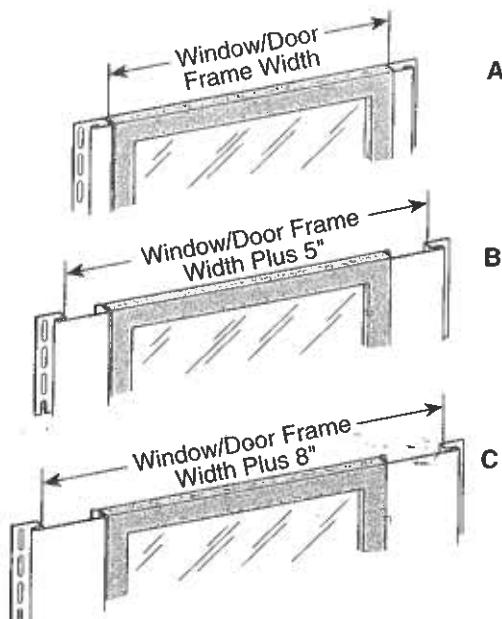


Figure 1

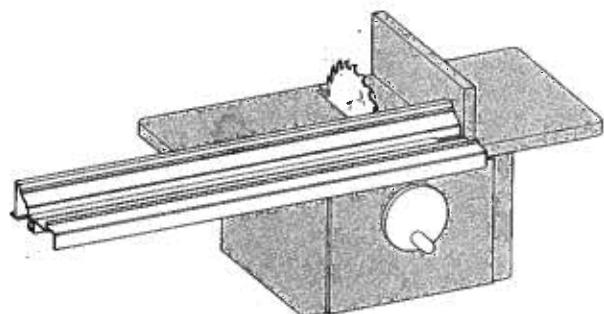


Figure 2

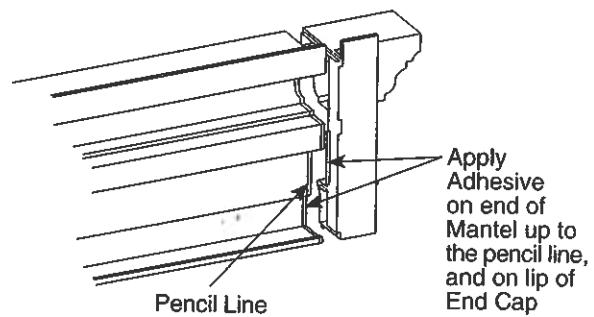


Figure 3

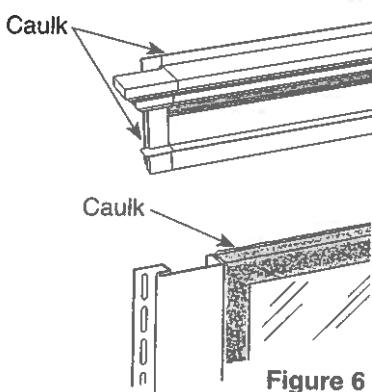


Figure 6

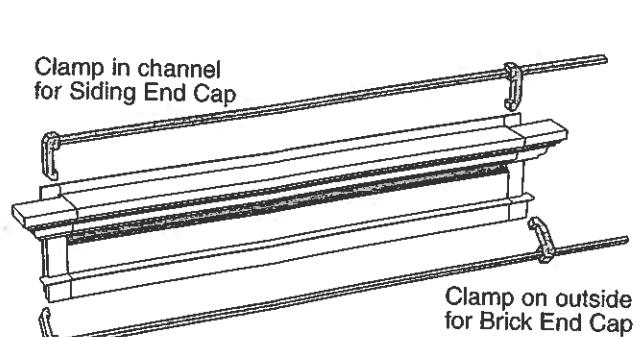


Figure 5

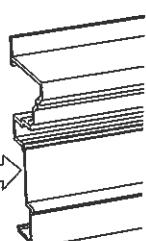


Figure 4

7. With Mantel and End Caps in place as one unit, center Mantel over window/door frame and attach through pre-drilled holes, using screws/washers provided (Figure 7).

8. Install the cover strip, starting from one end and working cover strip in with the pressure of thumb or fingers (Figure 8).

NOTE: When installing the optional Dentil Cover Strip, it may be necessary to trim/cut *from both ends* to center the Dentil blocks on the Mantel.

Accessories used over top of Mantel (Figure 9):

- Use "J" Channel for vertical siding or full horizontal panel applications.
- Use Dual utility trim (MVDFT) for a Dutch Lap application.
- Use Finish trim (MVFT) for regular panels.

Installing Keystone to One-Piece Mantel

NOTE: Keystone is mounted only after Mantel is installed to the wall. Clips can be in place before Mantel is mounted.

9. Pencil a centerline on Mantel top and bottom (Figure 10) and on Keystone top and bottom.

10. Place stepped edge of Drill Jig (provided with Keystone) on Mantel's top edge and align slotted hole over penciled centerline of Mantel. Drill two $1/4"$ holes through hole pattern of Drill Jig. Repeat second set of holes on bottom edge of Mantel (Figure 11).

11. Install clips by placing end "A" of clip in first and then snapping in end "B" (Figure 12). Once clip is snapped in, slide clip back $1/16"$ to ensure clamping legs are fully locked into place.

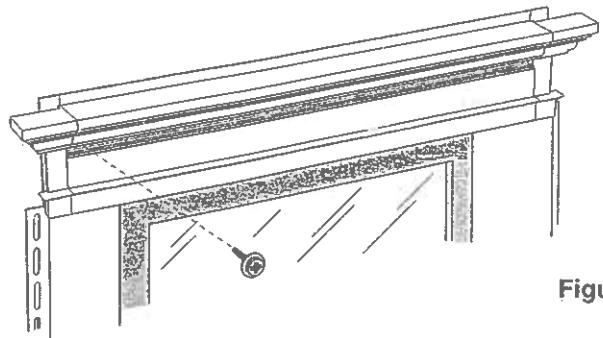


Figure 7

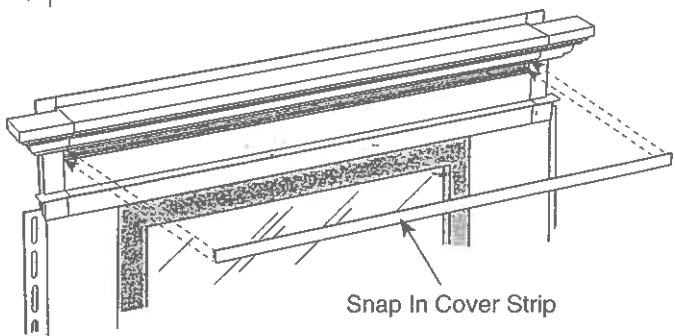


Figure 8

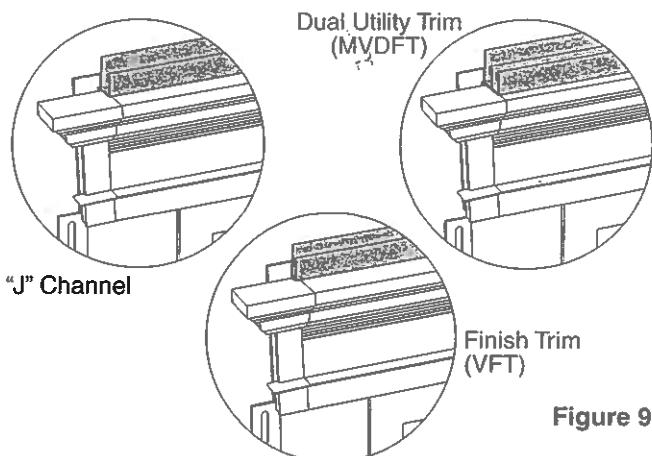


Figure 9

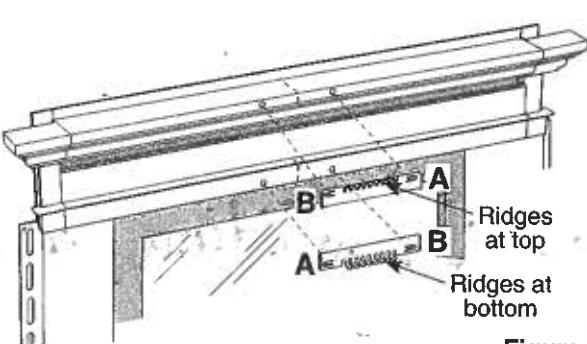


Figure 12

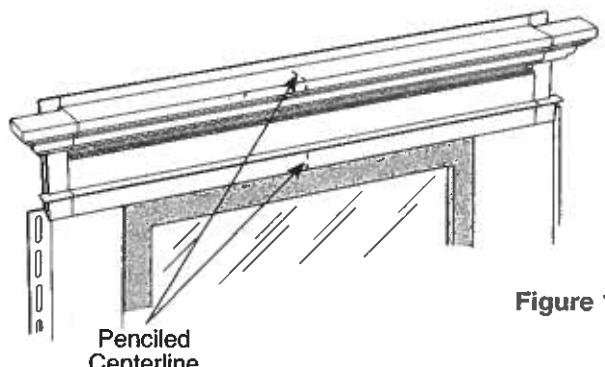


Figure 10

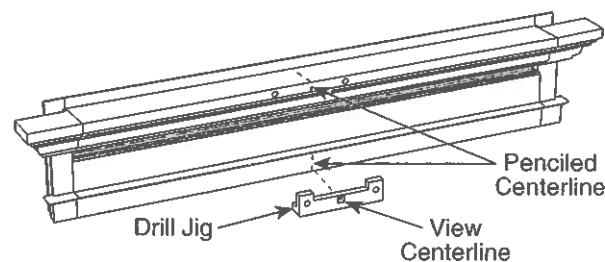


Figure 11

12. Using penciled centerlines to position Keystone on clips, press lightly into place. Starting at one end of top of Keystone, apply firm pressure with palm of hand to secure to top clip (Figure 13A), being sure that bottom of Keystone does not come out of Mantel. Then, firmly tap Keystone at bottom center to secure to bottom clip (Figure 13B).

NOTE: If Keystone is mounted over Dentil Strip, it may be necessary to cut out thin section on both sides of Keystone to fit over the blocks on the Dentil Strip (Figure 14).

Installing Keystone to Two-Piece Mantel:

Both pieces of the two piece Mantel should be equal in length, with the two cut ends forming the centerline for your clips and Keystone.

Caulk butted ends when installing, then follow steps 9 through 12 to complete Keystone installation.

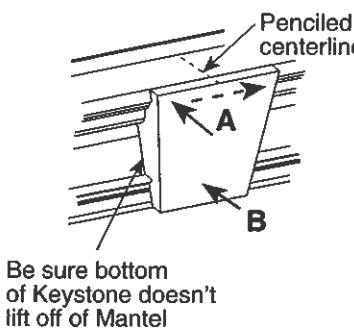


Figure 13

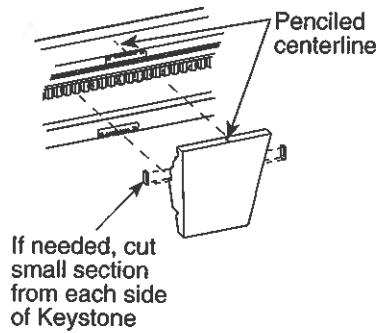


Figure 14

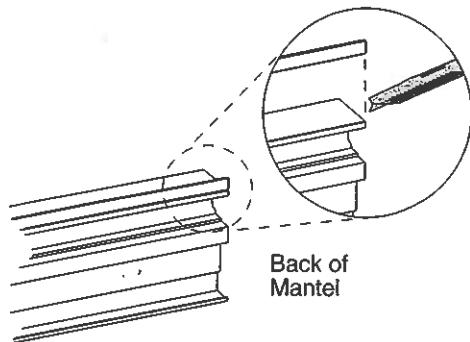


Figure 15

Installing Over Brick or Existing Siding

1. For brick applications, cut Mantel to desired length, allowing for Brick End Caps.
2. Score the groove on the back of the Mantel 3-5 times with a utility knife and snap off the Mantel's top flange (Figure 15).
3. Follow steps 2 through 5 from "Installing Siding End Caps to Mantel" on page 2.
4. Secure Mantel to wall using anchors and screws/washers provided (step 7, page 3).

Note: It may be necessary to re-drill Mantel holes for alignment to vertical mortar joints (16" centers).

5. Follow step 8 on page 3 to install Cover Strip or Dentil Cover Strip.
6. For Keystone installation, follow steps 9 through 12 from "Installing Keystone to One-Piece Mantel" on page 3.