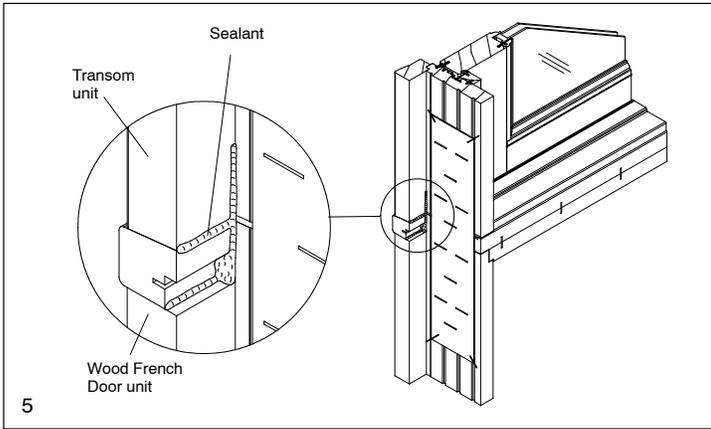


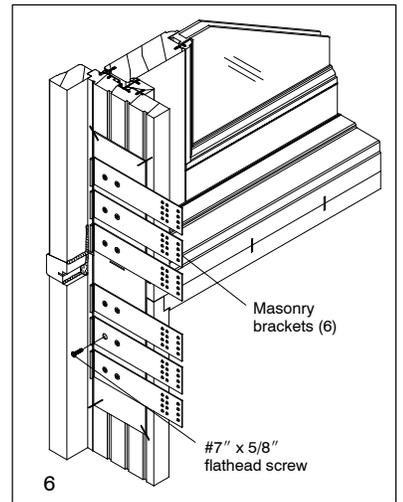




5. Apply a bead of sealant/adhesive across the joint of the transom sill and door unit exterior casing as shown in illustration 5.



6. Apply any jamb extension if applicable.
7. Next apply masonry brackets (six per side) centering over the mulling tin as shown in illustration 6. Secure to the frame using the #7 x 5/8" flathead screws (two per clip).
8. Follow specific product installation instructions.
9. Apply interior mull trim.



## Clad Transom

Use the following procedures to mull a clad transom over all Clad Ultimate Swinging and Ultimate Clad Sliding Doors

### STANDARD PARTS

- Transom unit
  - Interior mull trim
  - A- 104 Mull cap of appropriate length
  - One sided adhesive tape
  - 12- Masonry clips (appropriate length for jamb depth)
  - 24- #7 x 5/8" flathead screws
  - Mulling tin
  - V803 connecting barb\*
- \*Comes standard with doors prepped for field mulling. This item will need to be acquired for doors not prepped for mulling.

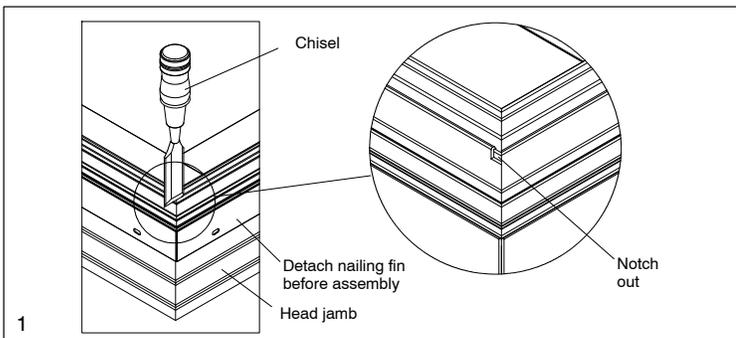
### YOU WILL NEED TO SUPPLY

- Safety glasses
  - Hearing protection
  - Rubber mallet
  - Drill/driver with #2 Phillips bit
  - Tape measure
  - Clamps
  - Hammer
  - Scrap wood block
  - Caulking gun
  - Staple gun
  - 15/16" crown x 1/2" staples
  - 15/16" crown x 7/8" staples
  - Sealant/Adhesive<sup>1</sup>
- <sup>1</sup>Must be APA AFG-01 specification

**NOTE:** Numbers listed in parentheses ( ) are metric equivalents in millimeters rounded to the nearest whole number.

**NOTE:** Outswing unit shown for illustrative purposes.

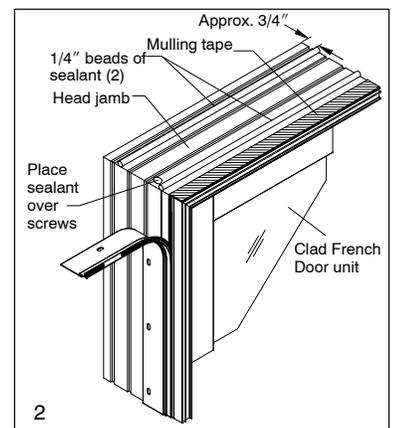
1. Remove nailing fin (rectangular transom application) attached to the head jamb of the door unit and fold side jamb nailing fin out of the way before mulling components together. See illustration 1 and 2. Round top applications will have separate unit nailing fins. Note: If clad casings are to be applied, nailing fins will not be applied to the units.
2. Using a chisel, notch out the clad frame corner (both door and transom) on one side to accept the clad mull cap. If clad casing is to be applied the unit will need to be notched on both sides as well as the head jamb of the transom. See illustration 1.



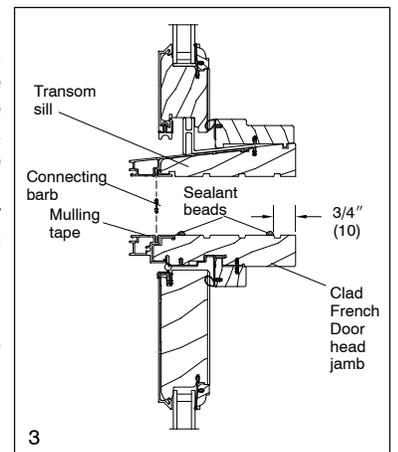
3. Cover both screw heads that secure the head cladding to the jamb cladding with sealant/adhesive as shown in illustration 2.

**NOTE:** Marvin recommends an APA AFG-01 sealant/adhesive (or equivalent) to be used in this application.

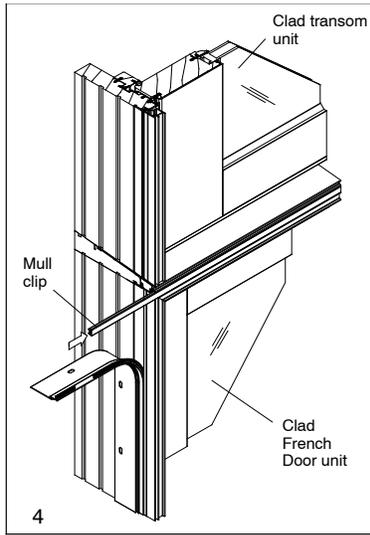
4. Apply one sided adhesive backed frame mullion sealant foam mull tape (if not factory applied) to the jamb and head jamb as shown in illustrations 2 and 3. Apply two 1/4" (6) beads of sealant/adhesive to the door head jamb along entire length as shown in illustrations 2 and 3. Locate one bead along joint of head jamb cladding and head jamb and the second bead approximately 3/4" (19) from the interior edge. See illustrations 2 and 3.



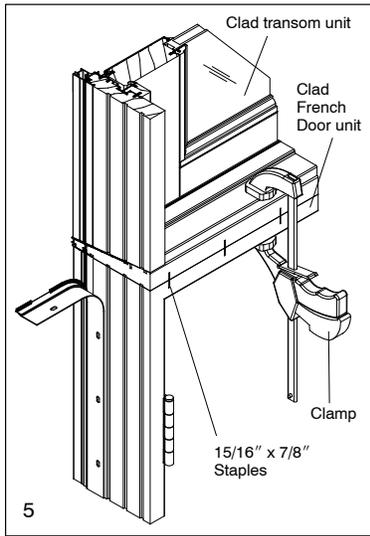
5. Position the transom on the head jamb of the door so that the connecting barb aligns with the slot in the bottom of the transom sill. Push units together to engage connecting barb. See illustration 3. Ensure that transom jamb is flush on both sides. See illustration 3 and 4.



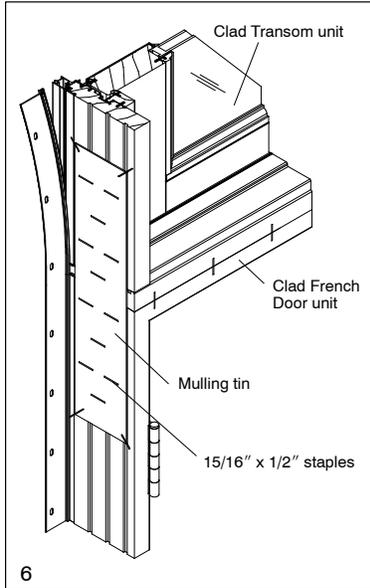
6. Slide the mull cap onto the head jamb and sill kerf from the side of the door that has the notches. Use a block and hammer to drive the cap the full length of the kerf. Cut off excess if necessary. Ensure that the mull cap does not extend in the vertical kerf. See illustration 4.



7. Once the transom sill and unit head jamb are flush apply clamps, to the interior for outswing units and to the exterior for sliding units, at both ends of the transom sill and door head jamb to prevent movement. Use scrap pieces of wood to prevent marring of the wood surface if clamps do not have rubber protectors. Apply a third clamp if necessary and fasten 1-2" (25-51) from each end with 15/16" x 7/8" staples and every 4-6" (102-152) along the mull. See illustration 5.



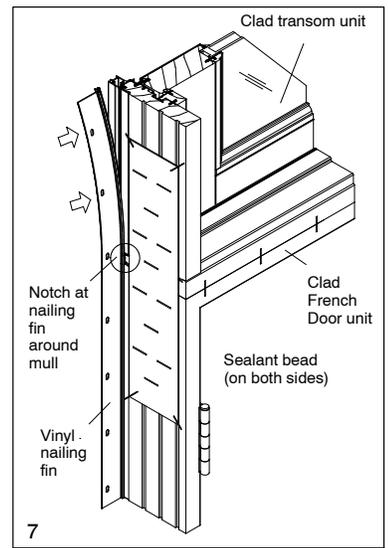
8. Apply mulling tin centered across the joint of the transom and door jamb on both sides of the assembly. Place mulling tin about 1/2" (13) from interior of jambs. Staple across all four corners of the mulling tin using the 15/16" x 1/2" staples. Apply 12 more of the staples through the mulling tin into the jambs (six into the transom and six into the door jamb). Apply in an even pattern as shown in illustration 6.



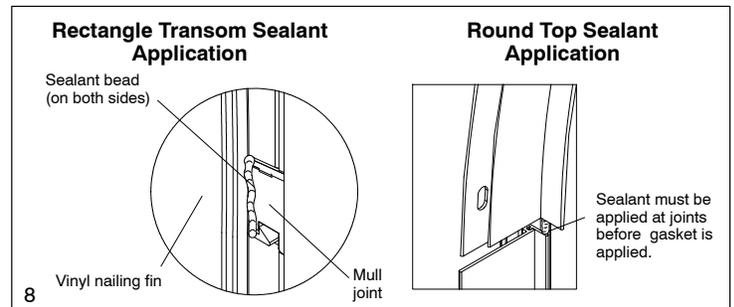
9. Apply transom nailing fin (rectangular transoms) by pushing the barb into the slot on the cladding.

*NOTE: Round top transoms will have separate unit nailing fins. Trim nailing fin to proper length as necessary. See illustration 7.*

Skip to step 11 if clad casing is being applied.

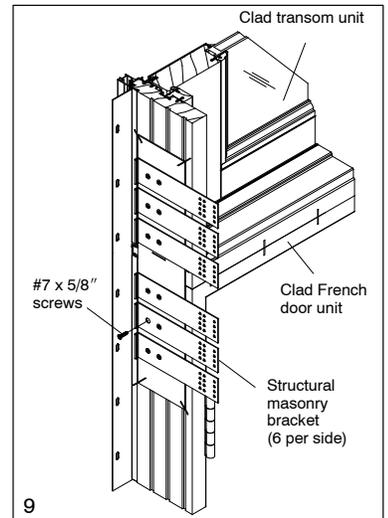


10. Seal with sealant/adhesive on both sides of the nailing fin per respective transom as shown in illustration 8.

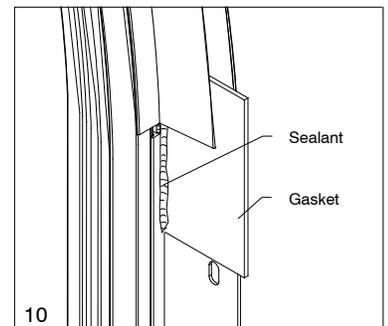


11. Apply any jamb extension if applicable.

12. Next apply masonry brackets (six per side) centering over the mulling tin as shown in illustration 9. Secure to the frame using the #7 x 5/8" flathead screws (two per clip).



13. If applicable (Round Tops only), position connector gasket under the flexible leg on the round top head jamb nailing fin at side jamb/sill joint and press in place. Corner gaskets are applied directly over the nailing fins. Apply additional sealant. See illustration 10.



14. Follow specific product installation instructions.