

# Clad Field Mulling Instructions

*Tools required: tape measure, utility knife, pencil, caulk gun, non-hardening caulk, cordless drill w/phillips head bit, #10 x 1 1/4" PPH screws, staple gun, 1" finish nails, 3/32" drill bit, hammer, and putty knife or sharp chisel.*

1. Unpack your new Atrium units. Verify the size, handing, and operation of your new door. Remove active panel(s) and frame weatherstrip from side-jamb(s) being mulled together. Now verify the parts in your accessory kits. If you ordered a unit with standard nailing fin your kit will include interior mull casing, exterior mull spline, head and side nailing fin, and drip cap. If you ordered a unit with brickmould you will have two kits. One kit will include head and side jamb brickmould, the other kit will include interior mull casing and exterior mull spline.
2. **Mulling units:**
  - a) Lay both units interior side down on the floor with both units in your desired mulling position and about a foot space between the frames. i.e. stationary unit on the left or right side of an active door. **Note: be sure to lay cardboard or a blanket down first so you will not scratch or scuff any of the interior surfaces of the door.**
  - b) Run two 3/16" dia. beads of silicone on one of the unit frames. The first bead is located approx. 1" from the interior face of the unit. The second bead is located 1 3/4" from the exterior face of the unit (1). Both beads must be continuous and run from the top of the unit down to the sill.
  - c) Next slide the units together until both mulling side jambs are completely tight together from the head to the sill.
  - d) Using a hammer and wood block apply the mull spline (2). Starting at the sill place one end of mull spline into accessory groove tight against the sill. Gently hammer the mull spline into place from the sill to the head being careful not to dent the mull spline. The top end of the mull spline should come out flush with the bottom of the accessory groove at the head.
  - e) Carefully flip mulled units so the exterior side is now facing down. Carefully remove the sidejamb frame weatherstrip from it's kerf on mull jambs. If both mull jambs are active you will remove both sidejamb weatherstrips. If one is active and the other is stationary you will only be able to remove the active mull jamb weatherstrip. Mark frame for pilot hole drilling. Start on one mull sidejamb 2" down from the head and in the center of the weatherstrip relief make a light mark. Rotating to the other side of the mull measure down 4" from the head and in the center of the weatherstrip relief make a light mark. Do the same from the sill up for both sides of the mull. Continue marking 10" to 12" o.c. between top and bottom marks on both sides of the mull. For units with an active and stationary mull jambs you will only mark on the active sidejamb of the mull 2" from head and sill and 10" to 12" o.c. thereafter. Now drill 3/32" pilot holes 1 3/4" deep through jambs at the marked locations (3). To ensure proper depth apply a piece of masking tape 1 3/4" from drill bit tip.
  - f) Screw the mull together using the #10 x 1 1/4" screws at all the locations (4). Be careful when countersinking screw heads flush with wood.
  - g) Now stand your mulled unit up and prep it for installation into the opening. If your unit has exterior casing refer to the instructions included in your casing kit for application. If your unit is to be installed using standard nail fin refer to the installation instructions sent with the unit for application.
3. **Installing unit:** To install your unit follow the installation instructions sent with your unit.
4. Once the unit is installed correctly apply the interior perimeter casing to the unit. Once the perimeter casing is applied the interior mull casing can be applied (5). Measure from the floor to the bottom of the head interior perimeter casing at the mull location. Cut the supplied interior mull casing to the proper length. To apply to the unit center the casing over the interior mull seam and staple in place using 1" finish nails. Locate the nails 2" from each end and 16" – 18" on center thereafter, or sufficient amount of finish nails to secure interior casing in place (6). **Note: you may want to finish or stain the interior of your unit and interior mull casing first and then apply the interior mull casing. Refer to maintenance and finishing instructions supplied with the unit for finishing tips.**
5. Your mulled installation is now complete and your unit can be finished and/or painted. Refer to maintenance and finishing instructions supplied with your unit for finishing tips.

