

Installation Instructions*ARAD Stacking W/Brickmould*Clad

Tools required: tape measure, utility knife, pencil, caulk gun, non-hardening silicone, drill w/phillips head bit and 1/4" nutsetter bit, #8 x 1 1/4" PFH screws, staple gun, 1" finish nails, 1/8" drill bit, hammer, wood putty, 1 5/8" luan strips, sharp putty knife or chisel, aluminum cutter, & compound miter saw.

1. Unpack your new ARAD. Verify the size and type of ARAD unit you ordered. Also verify the frame width of your ARAD matches the frame width of the unit you will be stacking it over.
2. Unscrew side brickmould (1) and sill nosing and remove; save brickmould and screwboss screws from brickmould. Prep the ARAD for stacking by cleaning the silicone off the bottom of the ARAD.
3. Mulling units:
 - a) Lay both units exterior side down on the floor with both units in your desired mulling position and about a foot space between the frames.
Note: be sure to lay cardboard or a blanket down first so you will not scratch or scuff any of the exterior 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 2 1/16" from the exterior face of the unit (2). Both beads must be continuous and run from one end of the unit frame to the other.
 - c) Next slide the units together until both mulling head and ARAD sill jambs are completely tight together from one end to the other.
 - d) Mark frame for pilot hole drilling. Starting on one end of the ARAD measure 2" over from the sidejamb and 3/8" inward from the glazing stop and make a light mark (3). Do the same from the other end of the ARAD. Mark center holes by measuring in 3/8" from the glazing stop and every 8" – 10" o.c. in between the previous two marks. Again starting at one end of the ARAD measure 12" over from the sidejamb & 5/8" outward from the interior edge and make a light mark (4). Do the same from the other end of the ARAD. Mark center holes by measuring outward 5/8" from the interior edge and every 8" – 10" o.c. in between the previous two marks. Now drill 1/8" pilot holes 1 3/8" deep through jambs at the marked locations (5). To ensure proper depth apply a piece of masking tape 1 3/8" from the tip of the drill bit.
 - e) Screw the mull together using the #8 x 1 1/4" PFH screws at all the locations (6). Make sure screw heads are countersunk flush to 1/8" max. below wood surface. After the mull is secured apply a small amount of wood putty to cover holes.
 - f) Turn the mulled unit over. Check to make sure mull spline is 3/8" shorter than mulled ARAD/door width. Run one 3/16" bead of silicone in top accessory groove 1" in length from each corner. Run another 3/16" bead of silicone in bottom accessory groove 1" in length from each corner (7). Using a hammer and wood block apply the mull spline (8). Starting at one side of mulled unit, work end of mull spline into accessory groove 3/16" from outside of frame. Gently hammer the mull spline into place from one side to other side being careful not to dent the mull spline. The other end of the mull spline should end up being 3/16" from the outside of the frame on that end of the unit.
 - g) Remove horizontal trim legs at mulls using a putty knife or chisel & hammer. Using removed side brickmould determine the angle to cut top end of supplied longer side brickmould and cut. Using tape measure, measure from top corner of head brickmould to top of sill and cut side brickmould to length. Run a 3/16" bead of silicone inside accessory groove on both sides. Using a hammer and wood block apply the brickmould from top-down. Using saved screws fasten top corners of brickmould together. Now stand your mulled unit up and prep it for installation into the opening.
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 (9). Measure from one side to other side of the 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 (10). **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.

