



**WINDSOR**  
WINDOWS & DOORS  
A Woodgrain Millwork Company

# NEXT DIMENSION CLASSIC SERIES SERIES 2 MULLING INSTRUCTIONS

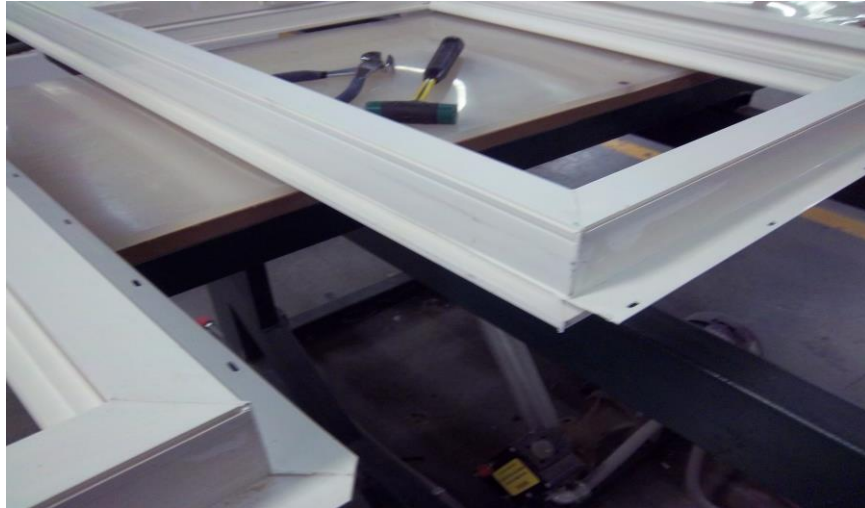
<u>Materials</u> (See Instructions for Qty's)	<u>Part#'s</u>
Mull Cover - White	900056
Mull Cover - Clay	901056
Steel Reinforcement - 60" RO	2370424-5
Steel Reinforcement - 72" RO	2370424-6
Steel Reinforcement - 84" RO	2370424-7
Galvanized Spray	2370575
2-Sided Tape	394100
4" Mull Tape - White	2370462
4" Mull Tape - Clay (Clear)	2370463
#6x 5/8" Screws	500005
Foam End Plugs – Single Hung	951009
Foam End Plugs – Double Hung	951010
Drip Cap – White	920027
Drip Cap - Clay	920062
Gusset Plates	519057
Silicone – White	798018W
Silicone - Clay	770029
1/2" Backer Rod	(Local Hardware Store)

## Tools:

Hacksaw  
Utility Knife  
Rubber Hammer  
Screw Driver  
Putty Knife  
Caulk Gun  
Diagonal Cutting Pliers

## Assembly:

- 1.) Remove the nailfin on the side to be mullled on both windows using a utility knife. Lay the units side by side with the interior facing up.



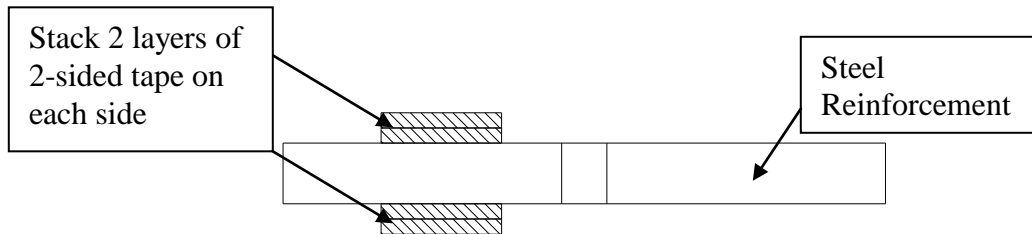
If mull length is < 41 1/2" skip step 2

2.) If mull length is  $\geq 41 \frac{1}{2}$ ", Install Steel Rebar

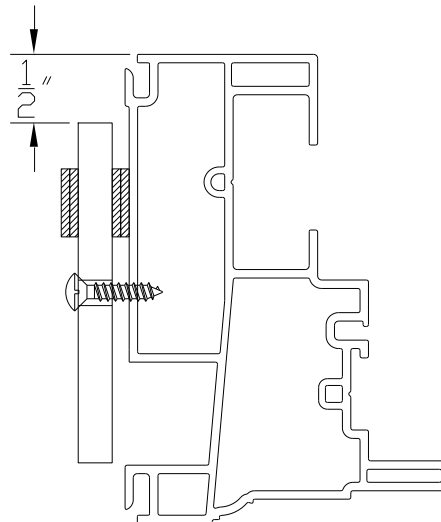
- a.) The steel reinforcement bar comes in 3 pre-cut lengths for the most common sizes. Should the steel reinforcement need to be cut, use a hacksaw to cut to length. Spray the cut end with Galvanized Spray to prevent corrosion.

$$\text{Reinforcement Length} = \text{Frame Dimension} - 3 \frac{1}{2}"$$

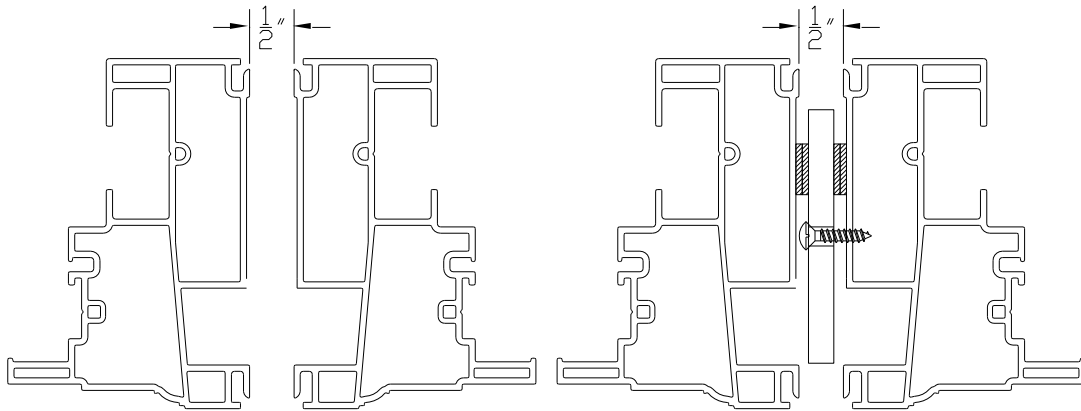
- b.) For ease of application of the steel reinforcement, apply 2 layers of 2-sided tape on each side of the reinforcement making sure to remove the back between the tape layers. The tape is not required, however does make installation of the reinforcement easier.



- c.) Remove the tape backing on one side of the reinforcement. Place the reinforcement on the frame so that neither end is protruding in to the J-Channel and is 1/2" from the interior face. Apply screws through the predrilled holes in the reinforcement into the frame. Remove the tape backing from the remaining side.



3.) Push the frames together leaving 1/2" gap between the frames.

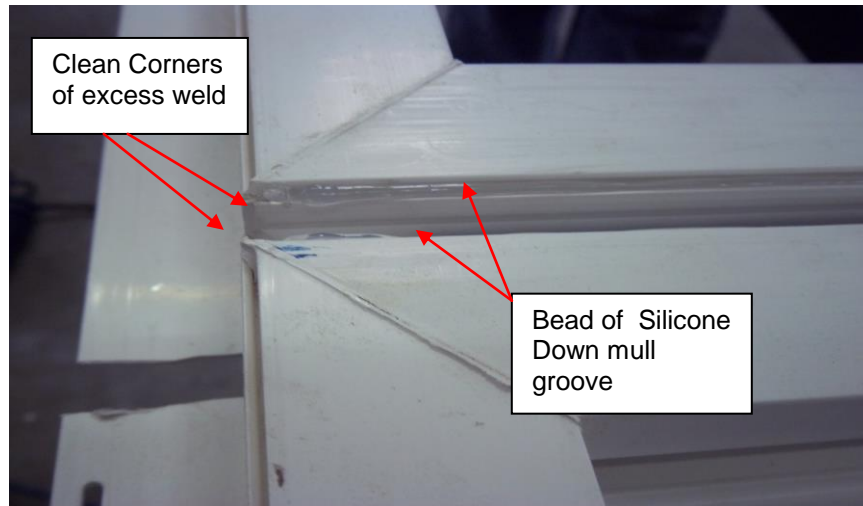


4.) Cut the interior and exterior mull cover to the length of the frame dimension. Notch the end of the mull cover as shown using a pair of diagonal cutting pliers. The notch allows for weld clearance at the ends of the frames.

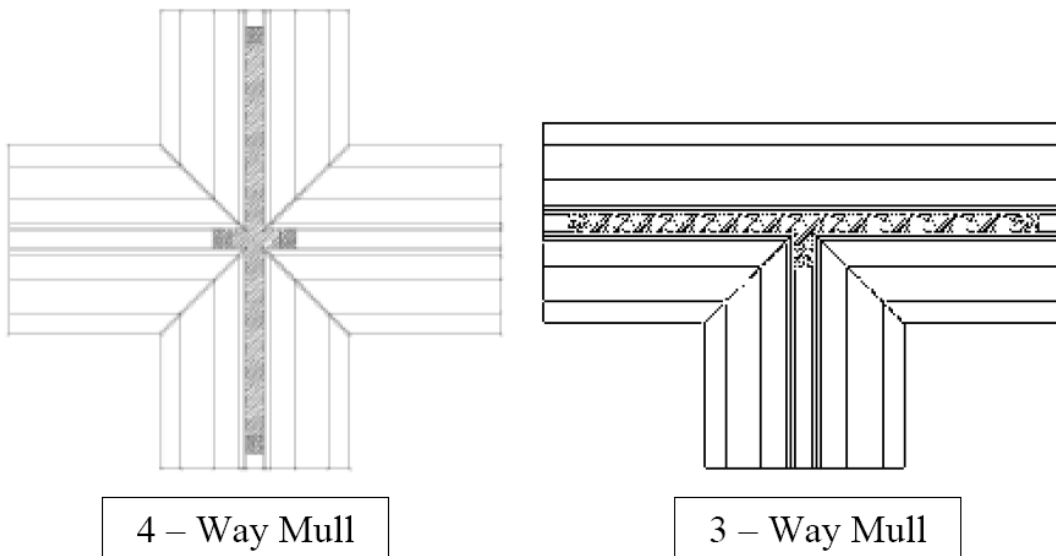


5.) Clean the weld corners at the ends to allow the notched portion of the mull cover to sit flat and flush when snapped in place.

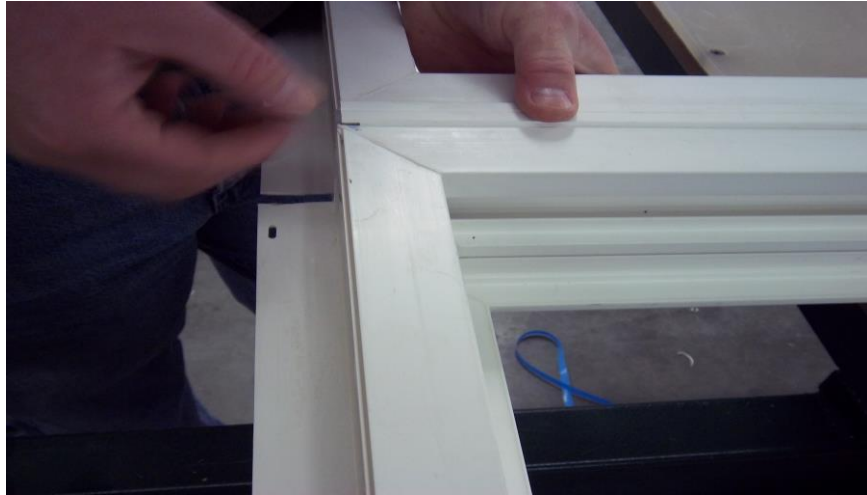
6.) Apply a continuous bead of silicone down the entire length of the accessory groove on both frames.



7.) If mull configuration requires a 3-way or 4-way mull; use backer rod and color matched silicone to seal the cavity at the intersection.

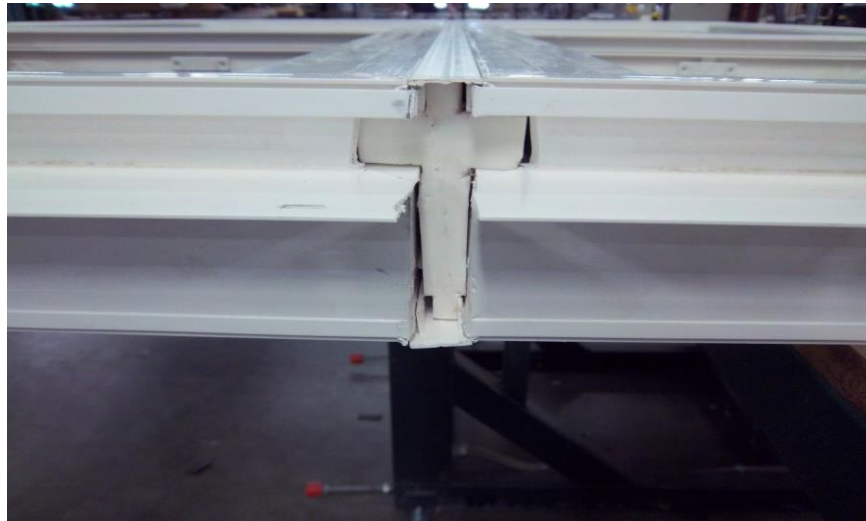


8.) Install the interior mull cover. Flush the mull cover with the edge of the frame. Hammer the mull cover into place along the length of the mull using a rubber hammer.



9.) Carefully flip unit over and repeat steps 4 thru 8. **Note:** On some larger units, it may be beneficial to apply the gusset plates in step 14 to assist with holding the unit sturdy while flipping the unit. **Caution: Gusset Plates should be removed after flipping unit to allow for proper sealing in the remaining steps. Gusset Plates are to be applied in Step 14.**

10.) Insert Foam Plug into cavity at both ends of the mull. The foam plug should sit inset from the back of the J Channel.

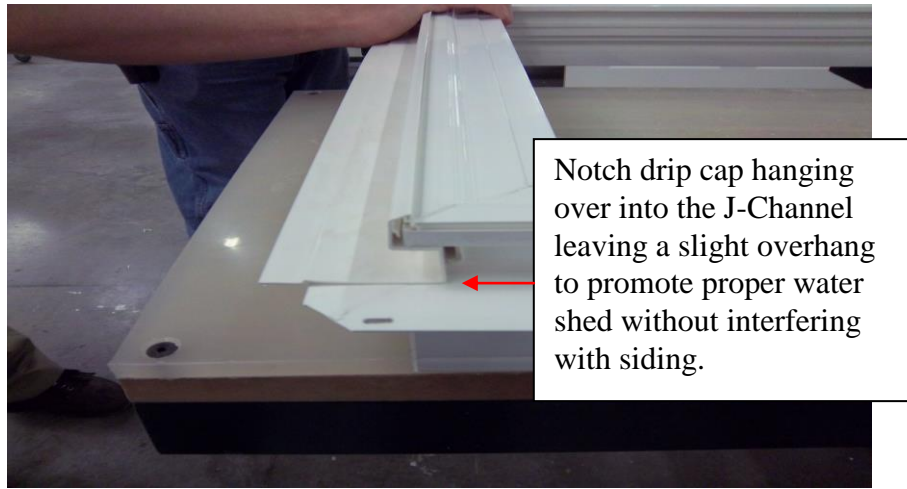


11.) Fill up end cavity created by the foam plug with color matched silicone.



12.) Tool in Silicone:

- a.) If mull is vertical, apply a drip cap continuously across the top of the unit flush or slightly over hanging ends of the frame. The ends of the drip cap should be notched with diagonal pliers to allow for siding clearance in the J-channel. The drip cap should push into the J-channel and seal into the wet sealant applied in step 11.
- b.) If the mull is horizontal or at the bottom, tool in the color matched silicone using a putty knife.



- 13.) Apply 4" tape over the drip cap at the mull location closing the backside of the drip cap and 1/2" nailfin gap. Also apply tape over any color matched silicone to provide a finished look.





14.) Apply Gusset Plate over each side of the mull using 3 screws into each side of the mull.

