Mulling Instructions for Structural Field Mullion

**Parts**

(a) structural aluminum mull piece (x2)  
(b) drip cap  
(c) PVC mull cover  
(d) flexible flashing tape  
(e) L-bracket cover  
(f) Long L-bracket and short L-bracket  
(g) #8x3/4” pan-head screws

**Step 1**

Remove the nailfin along each window jamb that is to be joined together.

**Step 2**

- Apply a bedding bead of clear silicone sealant in a zig-zag pattern along the center rib of each extrusion.  
- Apply a liberal amount of sealant at either end, embedding a short section of foam rope in the mulling channels.  
- Fill both cavities with sealant.
Step 3
Fasten the structural aluminum mull pieces (a) to the center rib of each jamb, orienting them so that male and female sides fit together when joined with the stainless steel #8 x ¾" pan head screws provided (g).

Note: Ensure that the aluminum reinforcements are cut 1" shorter than the frame on either end. Fastener locations should be approximately 12" O.C. Spacing, and no closer than 3" from either end.

Step 4
➤ Set the windows together.
➤ Install one PVC mullion cover (c) on the exterior side and one PVC mullion cover on the interior side, using either a low-impact hammer or a block of wood and a steel hammer.

Step 5
➤ Install L-Brackets (f) at either end by screwing them into the exposed ends of the aluminum reinforcement with 2 of the stainless steel #8 x ¾" pan head screws provided. (For vertical mulls, use the longer bracket at the head, and the shorter one for the sill. Horizontal mulls include 2 short brackets and 2 bracket covers.)
➤ After the L-Brackets are secured, fill each cavity with sealant.

Note: The bottom L-bracket includes a bracket cover (e) that should be pushed into the center hole of the bracket at the bottom. Add sealant to bracket before snapping in bracket cover.
➤ Bracket covers are not needed for frames that include J-Pocket Filler.
Step 6
➤ Apply a bedding bead of sealant at either end.
➤ Install the drip cap (b) by snapping it into the accessory groove along the head jamb.

Note: If sliding this piece in, make sure **NOT** to use a petroleum-based lubricant, as it will stain the vinyl. Only use a clear silicone spray.

Step 7
Clip the overhangs of the drip cap (b) and bend the tabs down along each side. This will assist in proper drainage in the field.

Step 8
Apply flashing tape (d) over the mull on either end. Make sure the tape covers the mull channel and extends up along the nail fin.
Field Mull Patio Door Sidelite and Transom Assembly Instructions

**Parts**

(A) 1" Aluminum tube - cut tabs to 1-3/8" long.
   1 tab for sidelite mull (x1)
(B) 1" PVC mull covers (x2)
(C) #8 x 1" Self-tapping pan head screws (x1 pkg.)
(D) 3/8" PVC plug covers (x1 pkg.)
(E) Large flashing tape (x2)
(F) Small flashing tape (x2)

**Step 1**
Remove the nail fins at the frame of the patio door and at the frame of the patio door transom or sidelite where they will be joined.

**Step 2**
Apply a bedding bead of an approved sealant to the transom or sidelite frame.
   ➤ Set the 1" aluminum tube (Part A) into bedding bead of sealant with the anchoring tabs facing to the exterior.

**Step 3**
Drill 3/8" Countersink holes at 18" o.c. spacing, to within 3" from either end.
   ➤ Using fasteners (Part C), screw through transom or sidelite frame into Part A, securing them together.
   ➤ Cover screw holes with plug covers (Part D) as shown.
Step 4
Apply a bedding bead of sealant to the patio door frame with a liberal amount at either end.
➤ Align the transom or sidelite frame to the patio door
➤ Using a low-impact hammer or steel hammer with a wood block, install PVC mull Covers (Part B) to both interior and exterior sides.

Step 5
For a transom mull, drill 3/8” Countersink holes at 18” o.c. spacing, to within 3” from either end through head jamb of patio door.
➤ Using fasteners (Part C), screw through transom or sidelite frame, and into Part A, securing them together.
➤ Cover screw holes with plug covers (Part D).
➤ For a sidelite mull, remove jamb covers, and fasten with screws (Part C), and replace jamb covers once completed.

Step 6
Apply a liberal amount of sealant into the hollow ends of the tube mull at both sides until exposed ends are completely filled with sealant.

Step 7
➤ Apply large flashing tape (Part E) so that it covers the mull connection just behind the nail fin.
➤ Apply small flashing tape (Part F) to the area in front of the nail fin. Upon completion, the application of the flashing tape should resemble the inset figure above.

Note: Upon installation, secure the tabs in the aluminum tube mullion with a lag screw (not included) that penetrates into the framing at least 1”. This will properly distribute the wind load for that opening.