



WINDSOR
WINDOWS & DOORS
A WOODGRAIN MILLWORK COMPANY

Excellent Choice

PINNACLE PRIMED & LEGEND SPREAD MULL FIELD SOP

Purpose:

The purpose of this document is to describe the method of mulling two or more Pinnacle Primed and Legend products in the field with a spread mull. Units can be mulled side-by-side and/or placed above one another. This will also include 3 and 4-way mull configurations. Adherence to this procedure will provide a quality product.

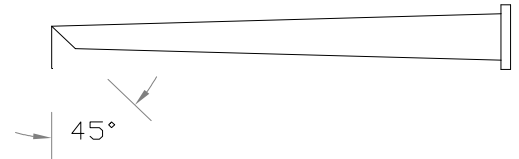
Equipment:

1. Staple Gun
2. Nail Gun
3. Screw Gun
4. Handi-Clamp
5. Straight Edge Level
6. Silicone Gun
7. Tape Measure

Materials: (See Below For Part Numbers)

1. Solid Mull Material
2. 5/8" PVC Spread Mull Filler
3. Interior Mull Cover(s)
4. Exterior Mull Cover(s)
5. 1 1/4" Nails – By Others
6. 2" Nails – By Others
7. 2" Wood Screws – By Others
8. Corrugated Staples – By Others
9. Silicone (See Figure 1) – By Others
10. Liquid Nails PL Polyurethane Construction Adhesive – By Others
11. Brickmould – If Applicable

Figure 01. Silicone Nozzle Angle

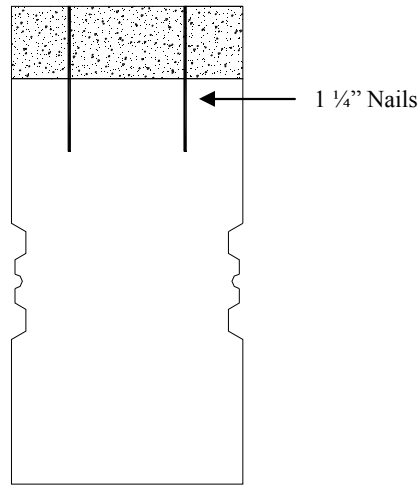


Description	Part Number	UOM	Spread Mull Size
1" Solid Mull Material	292129	LF	1"
2" Solid Mull Material	292131	LF	2"
2 1/2" Solid Mull Material	292132	LF	2 1/2"
3" Solid Mull Material	292133	LF	3"
4" Solid Mull Material	292134	LF	4"
Custom Width Solid Mull Material	See Inside Sales	LF	Custom Sizes
5/8" PVC Filler	See Inside Sales	LF	All Sizes
Interior Mull Cover	See Inside Sales	LF	All Sizes
Exterior Mull Cover	See Inside Sales	LF	All Sizes

Procedure:

1. Obtain the necessary materials
2. Position the units with the exterior facing downward.
3. Obtain the solid mull wood material. The solid mull material will run the entire length of the frame. For mull intersections, the material will run the entire length of the unit in the vertical direction.
4. Attach the PVC solid filler to the wood member using 1 ¼” nails side-by-side every 8”-10”. Reference figure 2 for further details.

Figure 02. Solid Mull Assembly



5. See below for product specific rules for attachment:
 - a) Casement / Direct Set: The solid mull material will sit flush interior face of the main jamb. Apply a 3/8” bead of “Liquid Nails PL Polyurethane” construction adhesive on each side of the spread mull filler. Using corrugated staples, staple side by side every 8”-10” connecting the solid mull material to the frame. Center the staples between the frame and the solid mull material. Reference Figures 3 & 5 for further details.
 - b) Double Hung / Patio Door / Radius: The solid mull material will inset 7/16” from the interior face of the inside stop. With the sash and jamb liners removed, screw the mull material to each frame using 2” screws. Position the screws 4” from each end and 8”-10” on center. Reference figures 3 & 4 for further details.

Figure 03. Photo of the Solid Mull Material



Figure 04. Section Detail of DH Solid Mull Assy.

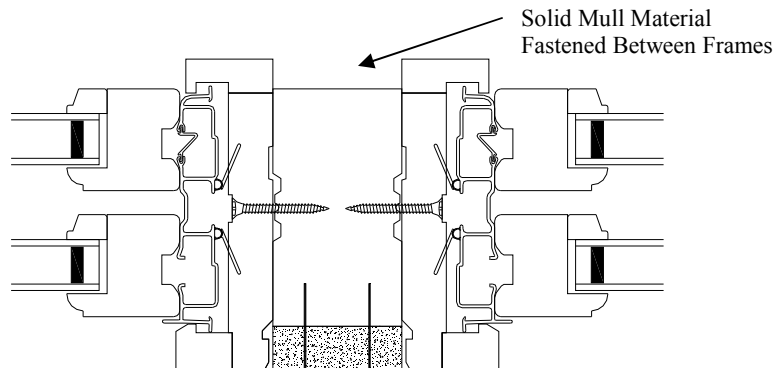
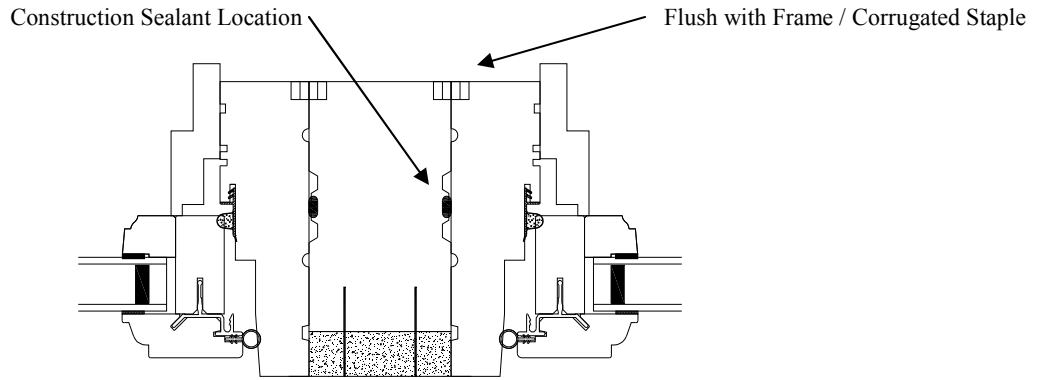
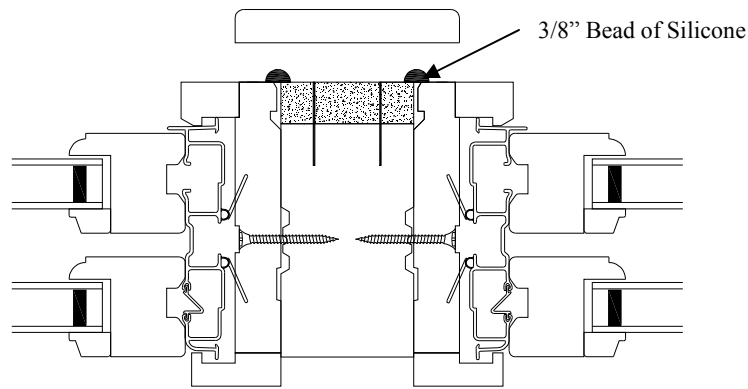


Figure 05. Section Detail of Casement Solid Mull Assy.



6. Apply the interior spread mull cover. The interior mull cover will run the entire length of the frame. For mull intersections, the mull cover will run the entire length in the vertical direction.
7. Using 1 1/4" nails, nail side-by-side every 8"-10" the entire length of the mull.
8. Position the unit with the exterior facing outward.
9. Apply the Brickmould and sillnose per the current SOP.
10. Apply a 3/8" bead of silicone along the face of the frame where the mull cover will be fastened to the unit. See Figures 6 & 7 for details.

Figure 06. Section Detail of Mull Cover Silicone Path



11. Apply a 3/8" bead of silicone at the end of the spread mull(s) along the brickmould and the sillnose. Ensure that the silicone is continuous with step 11. See figures 7 & 8 for details.

Figure 07. Sealant Path for Step 9 & 10.

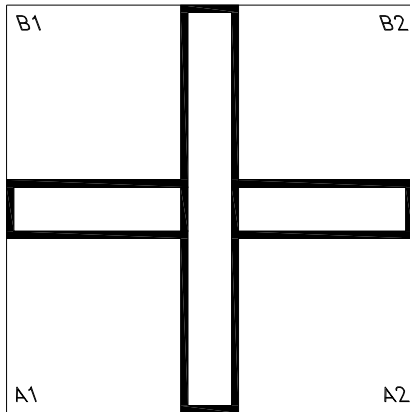
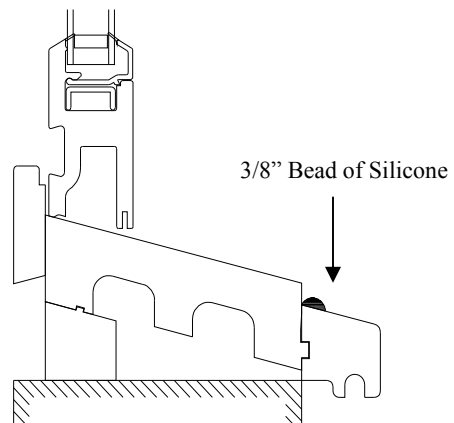


Figure 08. Section Detail of Sillnose Sealant Path



12. Apply the exterior mull cover. For mull intersections, the exterior mull cover will run continuous in the vertical direction.
13. Using 1 1/4" nails, nail side-by-side every 8"-10" the entire length of the mull.