SUPPLEMENTAL INSTRUCTION

VINYL FIELD MULLING
TIGHT MULL AND STANDARD ½" MULL

Introduction:

This instruction will provide the necessary steps to successfully field mull vinyl windows using either a tight mull or standard ½" wood or aluminum mull.

General Information:

- This instruction is specific to side-by-side mulling or single stacking of units. **If combination mulling side-by-side with stacking, an additional step of cutting through the exterior accessory kerf must be done to run the mull connector through the mull.**
- This general mulling procedure applies to the field mulling of Builders', Designers', Direct Set, and Premium Vinyl Windows. See details at the end of the instruction for unit specific deviations.

⚠ IMPORTANT

- **Please read these service instructions in their entirety prior to working on any product.** Contact Sierra Pacific Windows for any clarification.

⚠ SAFETY PRECAUTIONS

- Always wear necessary protective gear such as safety glasses, gloves, ear plugs, clothing, etc.
- Be certain to do a pre-service site inspection to ensure the work area is accessible and safe for performing necessary service.
- Use all power tools in accordance with manufacturers' instructions.

TOOLS REQUIRED

- Utility knife
- Caulking gun
- Rubber mallet
- Chop saw (cutting of mull connector)
- Tape measure

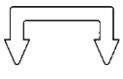
MATERIALS *(SUPPLIED BY OTHERS)*

- Silicone sealant
- 50/50 water/de-natured alcohol solution
- Clean cloths
- #7 x 7/8" SS Screws
  -Flat Head screws on wood reinforcements
  -Pan Head screws on interlocking reinforcement

MATERIALS REQUIRED *(ORDERED SEPARATELY)*



Premium Tight Mull Connector
PN- 051232 (WHITE)
PN- 051233 (BEIGE)



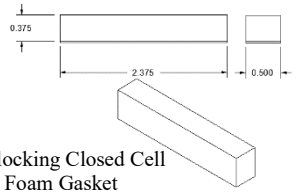
Builders' Tight Mull Connector
PN- 051469 (WHITE)
PN- 051865 (BEIGE)



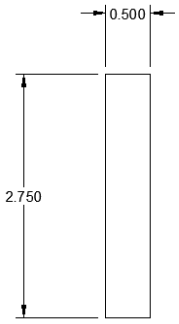
½" Mull Connector
PN- 051541 (WHITE)
PN- 051542 (BEIGE)



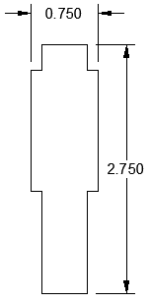
½" Aluminum Interlocking
PN- 061465



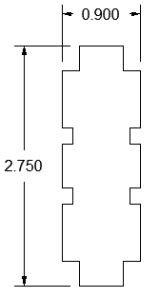
Interlocking Closed Cell Foam Gasket
PN- 052220



Casement to Casement
Premium to Premium
PN- 223371



Designers to Designers
Designers to Direct Set
PN- 223424



Direct Set to Direct Set
PN- 223142

General Mulling Procedure
(All Products)

NOTE: Refer to the details on page 3 through page 6 for required product specific sealant patterns.

Step 1 Identify the units that are to be mulled together.

Step 2 On an adequate and clean surface area, arrange the units as they are to be mulled, with the exterior facing up

Step 3 Remove the nail fin on each unit where each jamb is to be mulled. Use a utility knife to score the fin flush to the vinyl jamb, bend back and forth at the score until it detaches. Alternatively, a Dremel cutting tool or similar may be used.

Step 4 Clean the vinyl jambs using a solution of water and de-natured alcohol ensuring they are clean of any dust and/or debris. This will ensure proper adhesion of the silicone sealant.

Step 5 Cut the mull reinforcements to jamb length (–1/2”). This will leave a 1/4" void at each end of the mull joint when centered and applied to the jamb.

Step 6 Apply a nominal 3/8” bead of sealant to the jamb to be joined, or to the 1/2” mull reinforcements. Refer to the details on pages 3-6 for required product specific sealant patterns.

Step 7 For 1/2" reinforced mulls, predrill 5/32” holes in the center of the solid wood or interlocking aluminum mulls. Holes should be counter sunk on the wood reinforcement and 3” from each end and 10” maximum on center.

Step 8 Using #7 x 7/8” screws, fasten the reinforcement to one of the prepared jambs. For interlocking reinforcements, fasten a plate to each jamb to be joined. Ensure the plates are fastened in the correct orientation to be interlocked.

Step 9 While lying flat, slide the two units together until the jambs are tight and flush. Ensure the units are aligned and flush along the top and bottom of the assembly.

Step 10 Pre-drill and screw fasteners through the attached unit as noted in the following product specific details.

Step 11 Per the following product specific details, apply sealant along the kerf and/or reinforcements and tool in place ensuring all joints are sealed.

Step 12 Apply the cut to length mull connector in the accessory kerf. Beginning at one end, use a rubber mallet to snap the mull connector into the accessory kerf.

Step 12 Flip the assembly over to install the mull connector on the other side.

IMPORTANT: It may take several people to safely maneuver the assembly, avoiding injury or damage to the units.

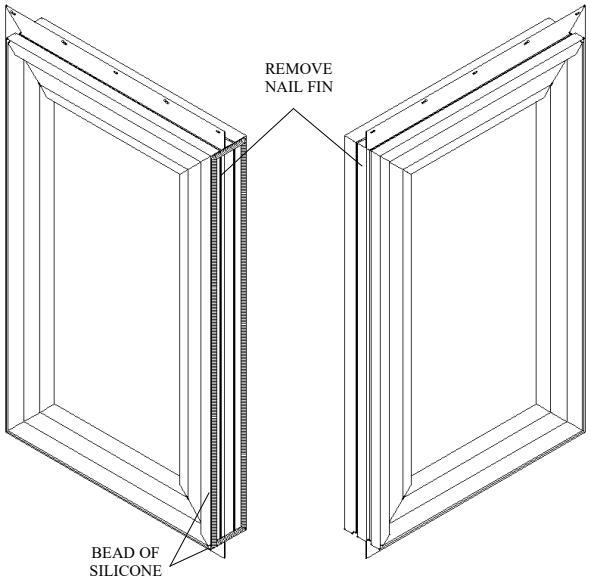
Step 13 Fill the voids at each end of the mull joint with sealant.

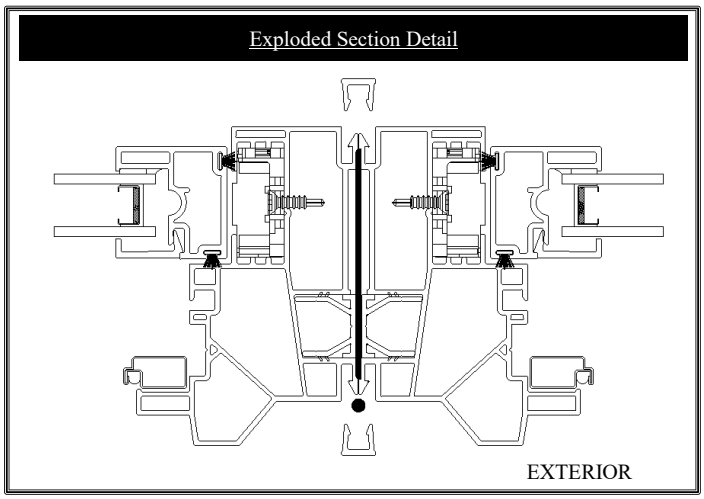
Step 14 Apply butyl flashing wrap at the head & sill over the transition of the mull joint between the nail flange

Step 15 At time of install, a head drip cap **MUST** be used on any vinyl units with vertical mulls.

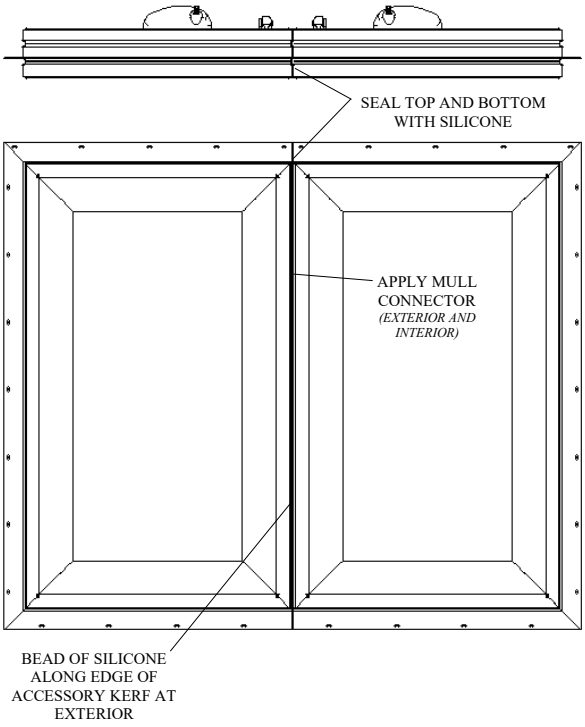
Vinyl Tight Mull (All Products)

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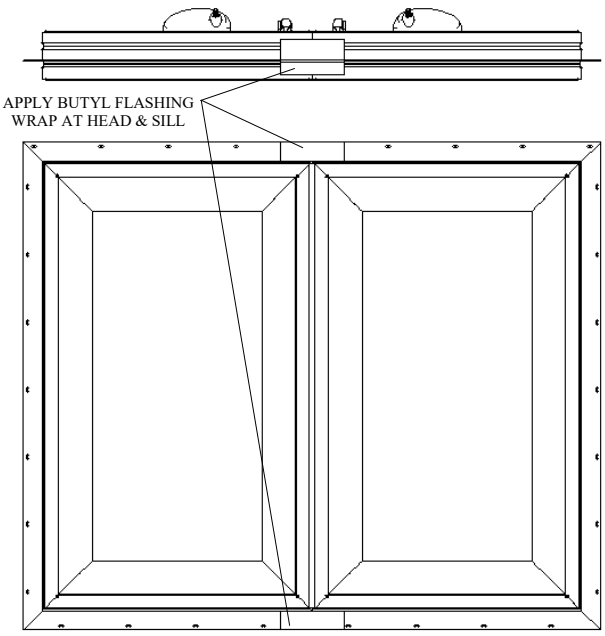




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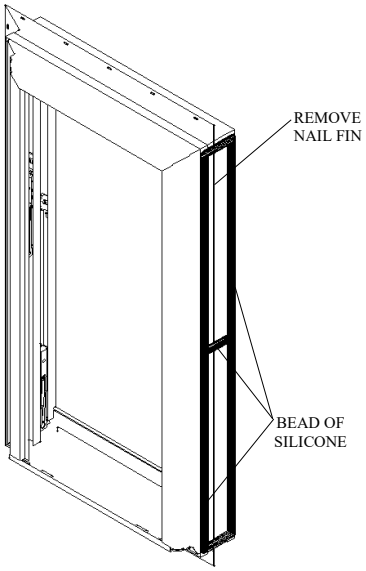


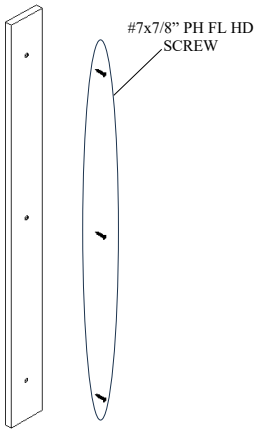
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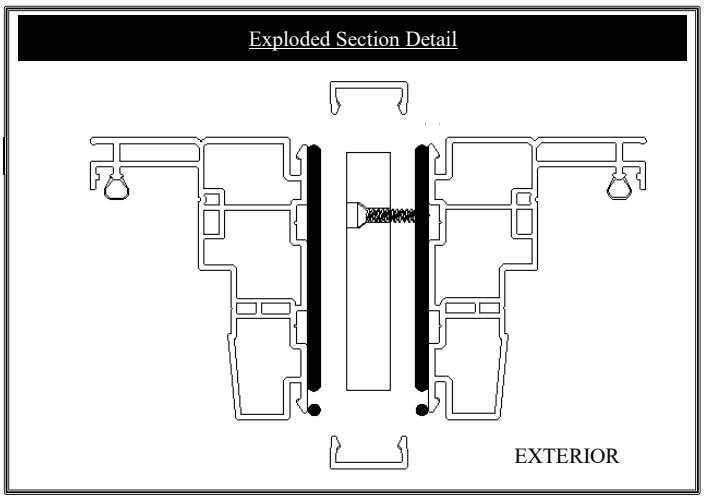


1/2” Reinforced Wood Mull (Premium DH/Casement/Awning Products)

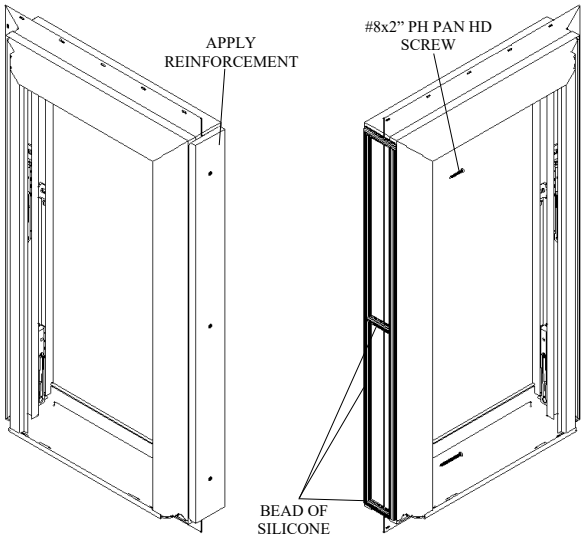
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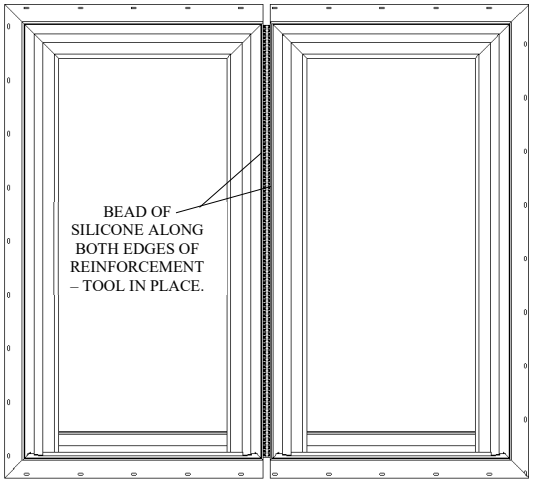




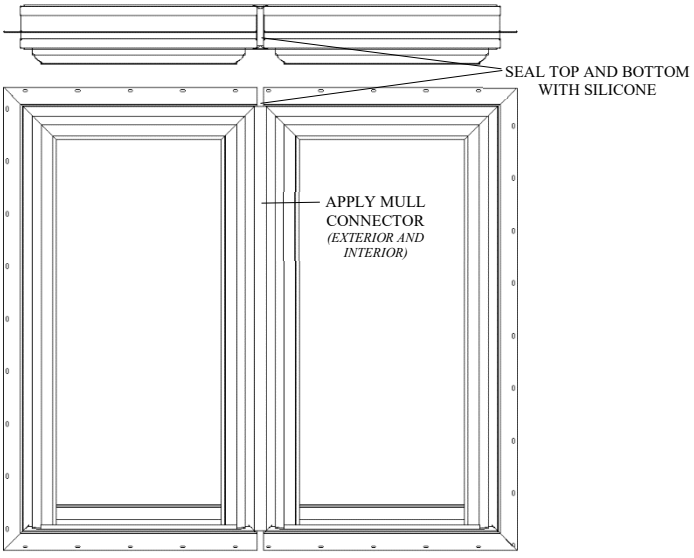
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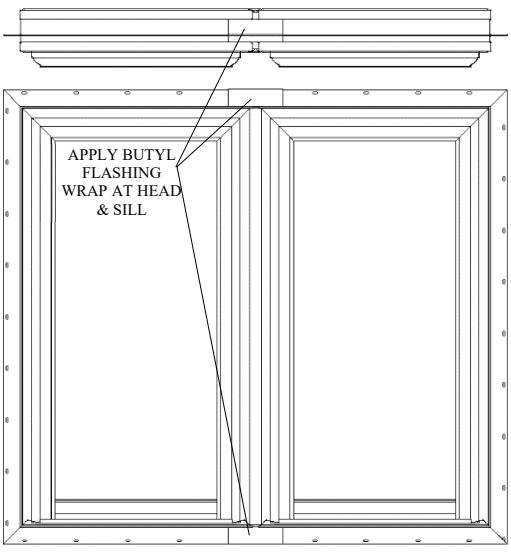
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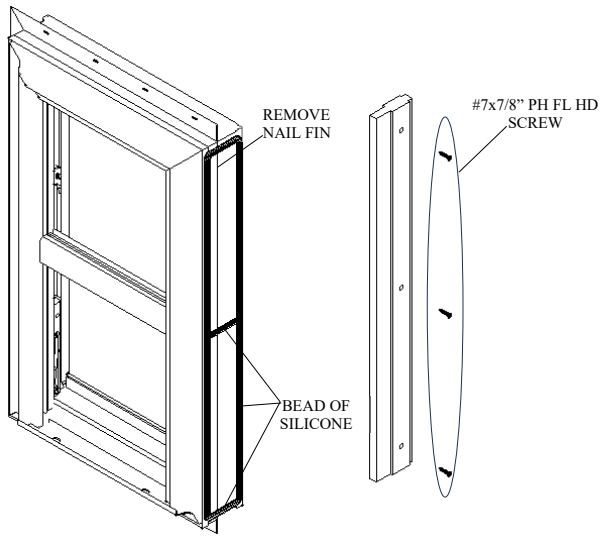


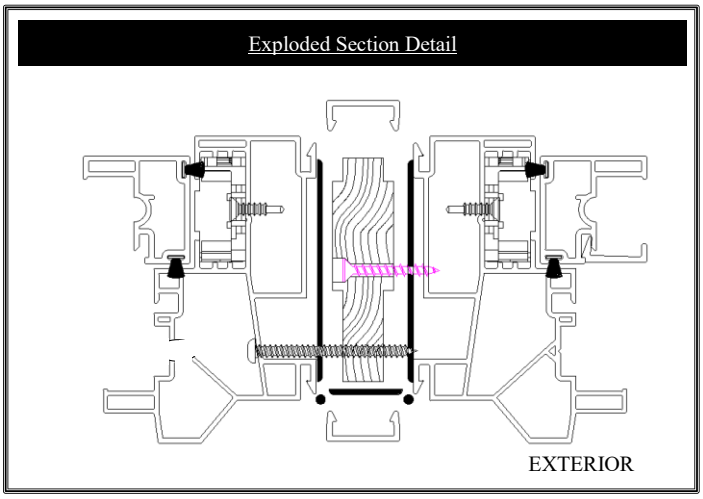
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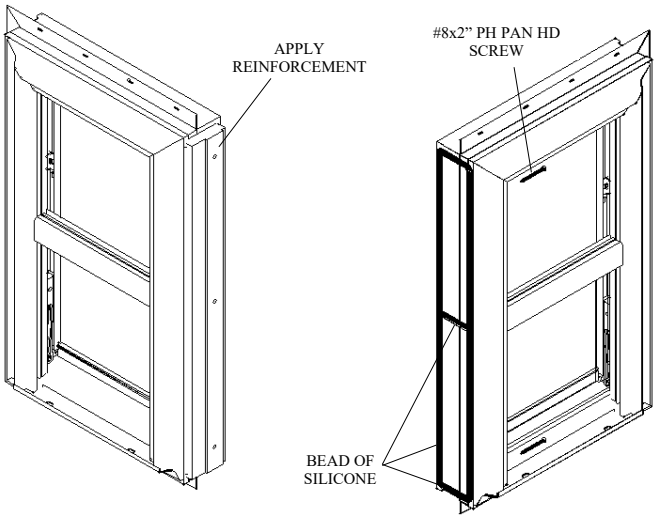
1/2” Reinforced Wood Mull (Designer SH Products)

1

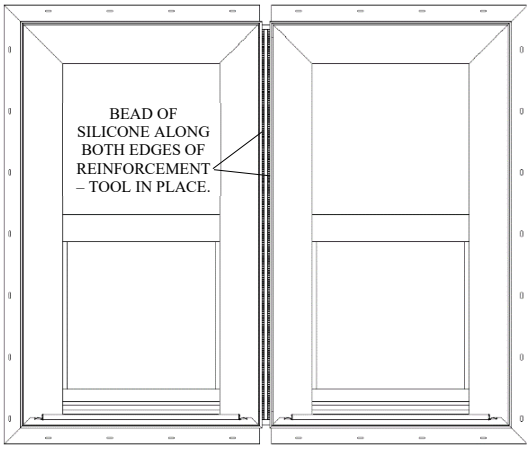




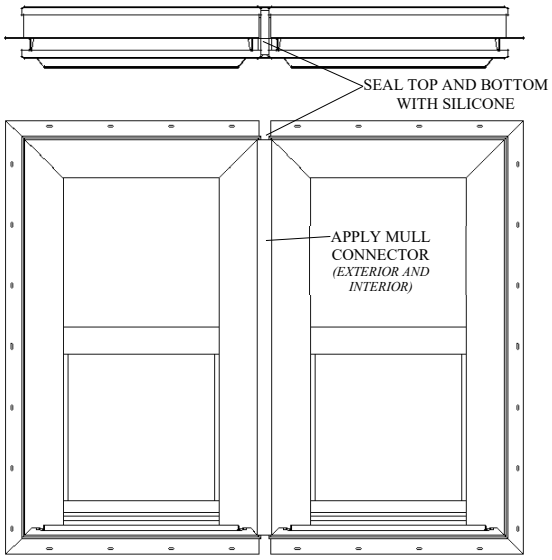
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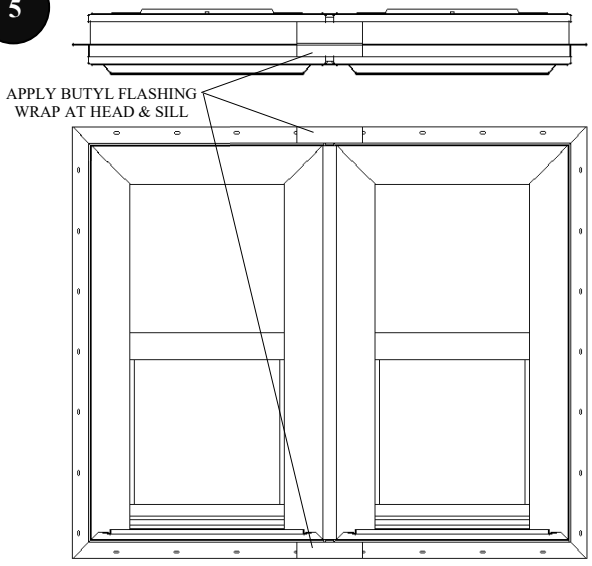
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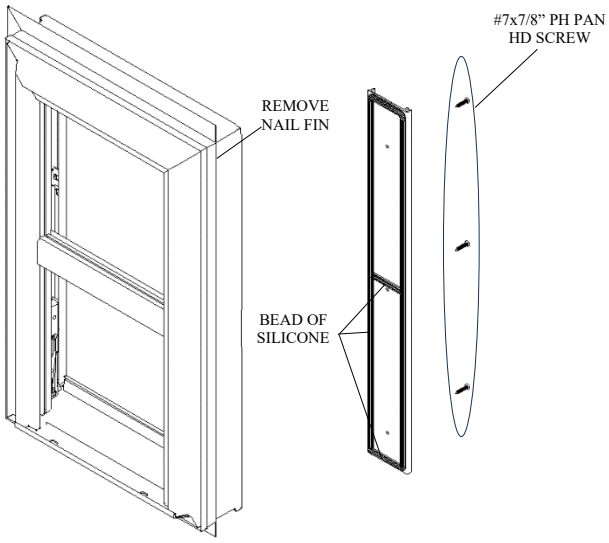


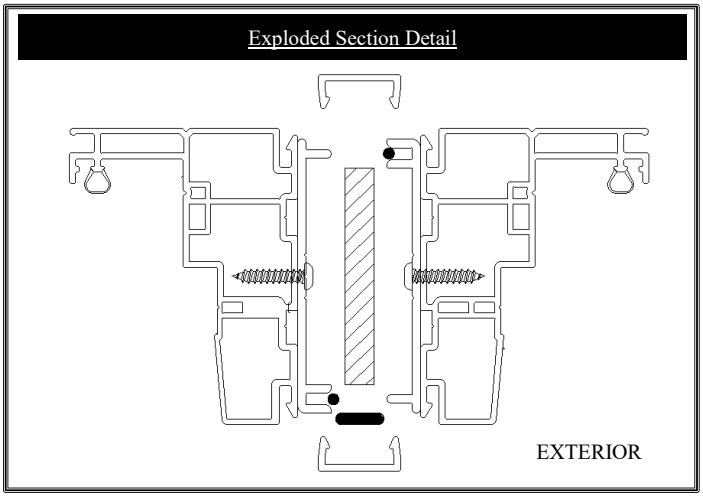
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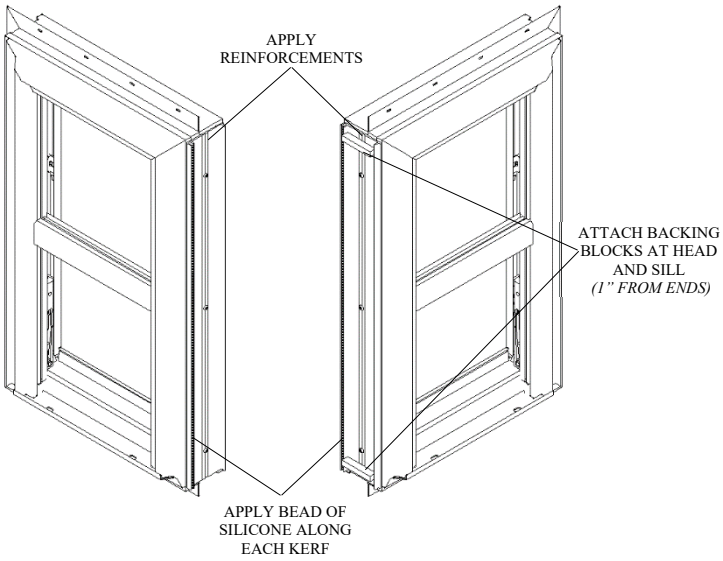
1/2” Reinforced Interlocking Mull (All Products (Excluding Builders Series))

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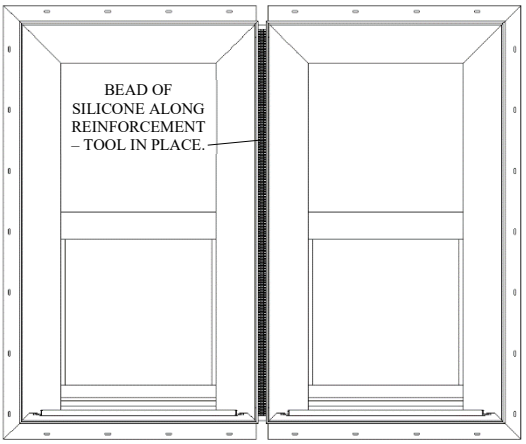




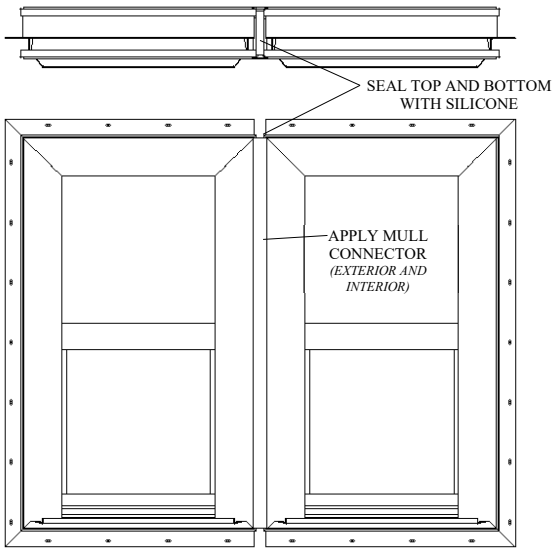
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