



INSTALLATION INSTRUCTIONS - INSTRUCCIONES DE INSTALACIÓN ENTRY DOOR FIELD MULLION

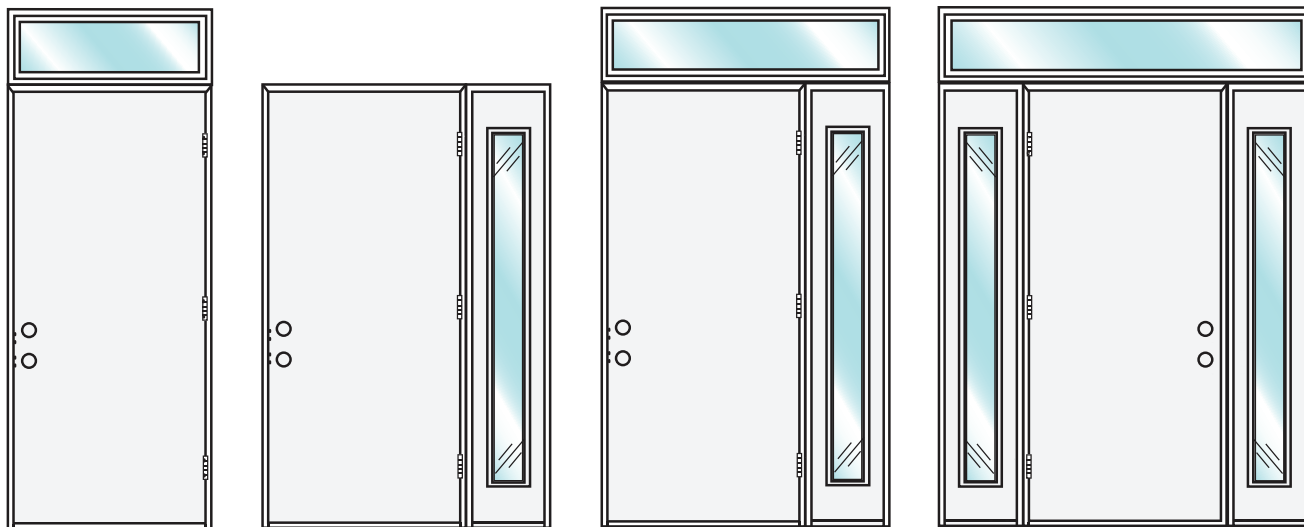
Important!

Performance requirements may vary by regions and local codes, consult www.pellaadm.com or your local Pella retailer for combination size limitations. DO NOT join multiple windows over door(s).



Assembled combination units should be stood upright and stored upright until they are installed!

NOTE: These instructions apply to the following mullion situations:

- Single Transom over 1-wide (Single door).
- Single Transom over 2-wide (Single door and sidelight).
- Single Transom over 3-wide (Single door flanked by 2 sidelights) or mulling a Circlehead over a door.
- Any Sidelight mullied to a door.









YOU WILL NEED TO SUPPLY:

- Pella® SmartFlash™ foil backed butyl window and door flashing tape or equivalent 
- Pella Window and Door Installation Sealant or equivalent high quality, multi-purpose sealant 
- 2" Corrosion resistant brad or finish nails
- Exterior mullion cover (Supplied with properly configured out of unit Brickmould or ordered separately.)

Supplied with 2020 Entry Door Mull Kit:

- #10 x 1-1/4" corrosion resistant flat head screws (In-Swing) (9)
- #10 x 2" corrosion resistant flat head screws (In-Swing) (9)
- #10 x 1-3/4" corrosion resistant flat head screws (Out-Swing) (18)
- Butyl triangles (4) Optional to reduce squeeze out
- Interior mullion cover
- Mullion plates (2)
- Plate screws (24)

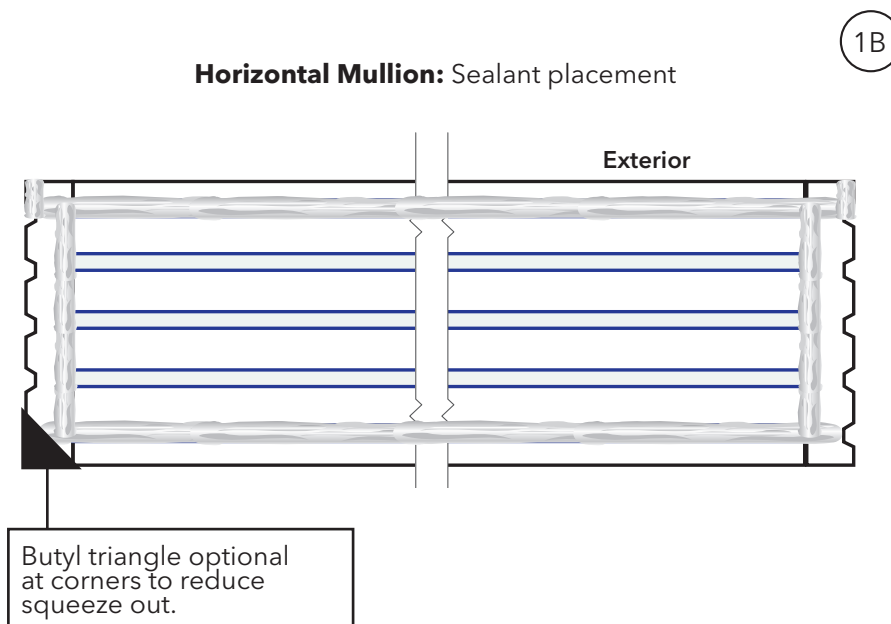
TOOLS REQUIRED:

- Tape measure 
- Rubber mallet 
- Saw
- Drill with 3/32" drill bit 
- #2 Phillips screwdriver
- Pliers 
- Sealant Gun 
- Quick grip clamps 

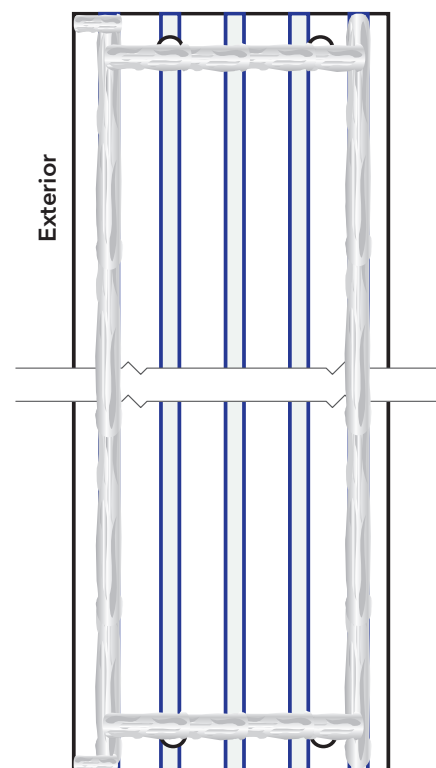
REMEMBER TO USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

1 Mulling the Products Together:

A. **Place the products, exterior side** up on a clean flat surface.



Vertical Mullion: Sealant placement



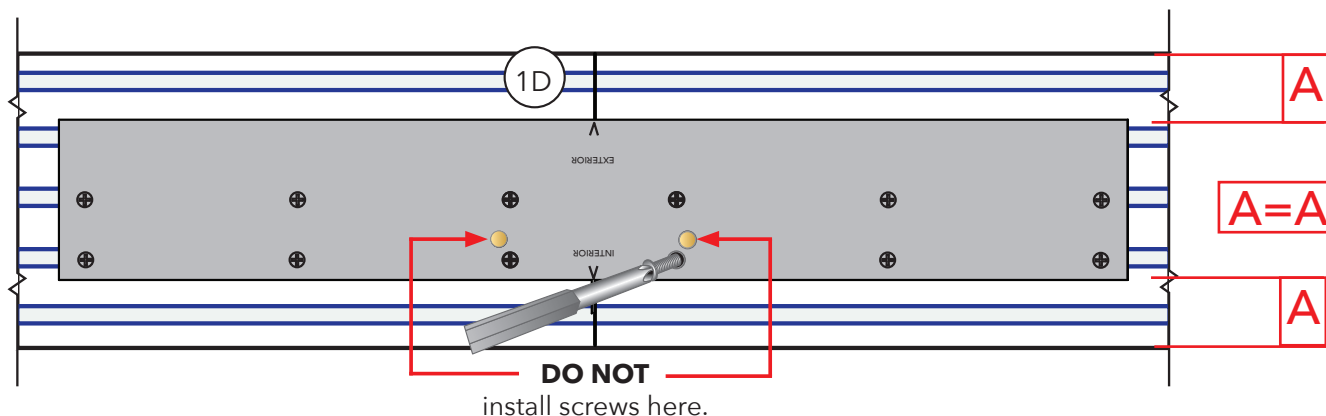
B. **Place a 3/8" sealant bead** 9/16" from frame edge around the perimeter of the side to be mullied.

C. **Align the two products** and squeeze or clamp tightly.

NOTE: Use quick grip clamps to bring the frames together.

D. **Attach a mullion** plate at the end of each mullion joint. Position the plate centered up and down on each unit with the arrows aligned over the mullion joint. Secure the 3" x 20" plate in place using (12) #8 x 5/8" flat head wood screws for each gusset plate.

Vertical Mullion Note: When mulling a sidelight to an entry door, no gusset plate is required at the sill.



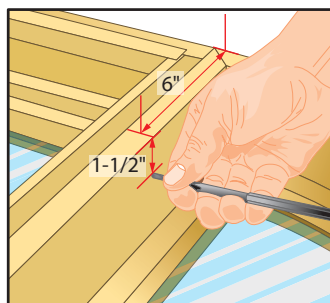
Mulling In-Swing doors; proceed to step 1E.

Mulling Out-Swing doors; go to step 1K.

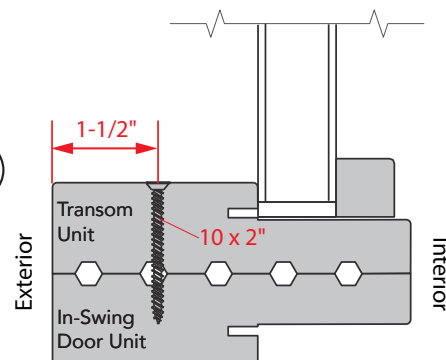
1 Mulling the Products Together (Continued):

Mulling Transom to In-Swing Door:

- E. **Secure the exterior of the units;** Pre-drill $\frac{3}{32}$ " pilot holes $1\frac{1}{2}$ " deep and drive #10 x 2" flat head corrosion resistant screws, $1\frac{1}{2}$ " from the exterior edge and 6" from each side of the frame of the units and 12" on center between each screw.



1E

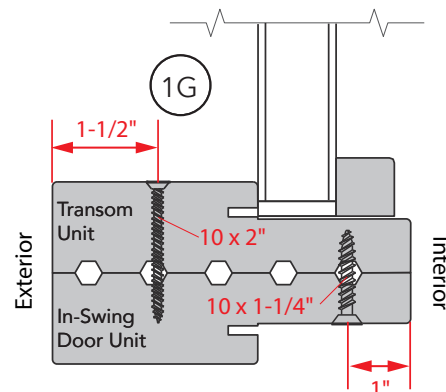


- F. **Turn the products over carefully,** making sure the products stay together.

NOTE: When turning doors over, lift at the head and not the jambs. Make sure the door panel is latched shut.

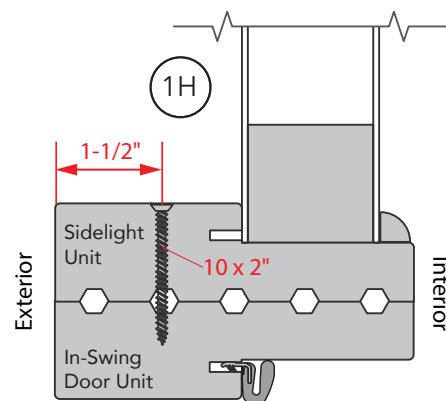
- G. **Secure the interior of the units;** With the door panel open, pre-drill $\frac{3}{32}$ " pilot holes 1" deep and drive #10 x $1\frac{1}{4}$ " flat head corrosion resistant screws, 1" from the interior edge and 6" from each side of the frame of the units and 12" on center between each screw.

DO NOT USE A SCREW LONGER THAN $1\frac{1}{4}$ " ON THE INTERIOR OR DAMAGE MAY OCCUR.



Mulling Sidelight to In-Swing Door:

- H. **Secure the exterior of the units;** Pre-drill $\frac{3}{32}$ " pilot holes $1\frac{1}{2}$ " deep and drive #10 x 2" flat head corrosion resistant screws, $1\frac{1}{2}$ " from the exterior edge and 6" from each end of the jamb of the units and 12" on center between each screw.



1 Mulling the Products Together (Continued):

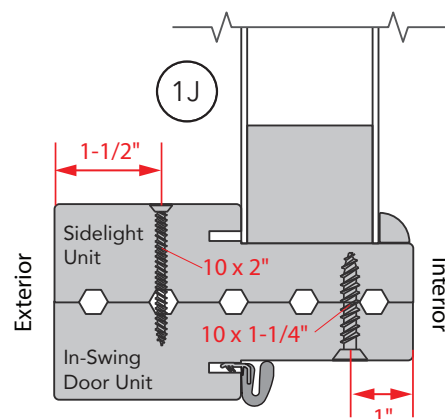
Mulling Sidelight to In-Swing Door (Continued):

- I. Turn the products over carefully, making sure the products stay together.

NOTE: When turning doors over, lift at the head and not the jambs. Make sure the door panel is latched shut.

- J. **Secure the interior of the units;** With the door panel open, pre-drill $\frac{3}{32}$ " pilot holes $\frac{1}{2}$ " deep and drive #10 x $1\frac{1}{4}$ " flat head corrosion resistant screws, 1" from the interior edge and 6" from each end of the jamb of the units and 12" on center between each screw.

DO NOT USE A SCREW LONGER THAN $1\frac{1}{4}$ " ON THE INTERIOR OR DAMAGE MAY OCCUR.



Mulling Transom to Out-Swing Door:

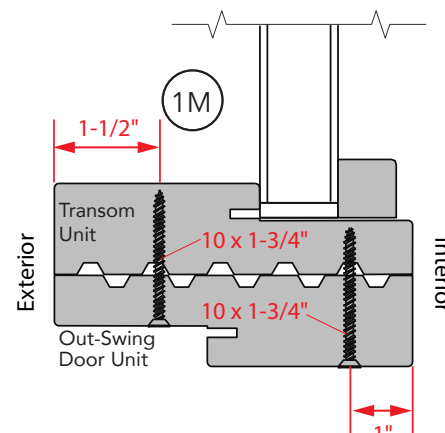
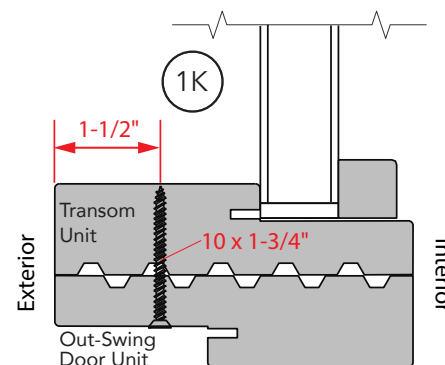
- K. **Secure the exterior of the units;** With the door panel open, pre-drill $\frac{3}{32}$ " pilot holes $1\frac{1}{4}$ " deep and drive #10 x $1\frac{3}{4}$ " flat head corrosion resistant screws, $1\frac{1}{2}$ " from the exterior edge and 6" from each side of the frame of the units and 12" on center between each screw.

- L. Turn the products over carefully, making sure the products stay together.

NOTE: When turning doors over, lift at the head and not the jambs. Make sure the door panel is latched shut.

- M. **Secure the interior of the units;** Pre-drill $\frac{3}{32}$ " pilot holes $1\frac{1}{4}$ " deep and drive #10 x $1\frac{3}{4}$ " flat head corrosion resistant screws, 1" from the interior edge and 6" from each side of the frame of the units and 12" on center between each screw.

DO NOT USE A SCREW LONGER THAN $1\frac{3}{4}$ " ON THE INTERIOR OR DAMAGE MAY OCCUR.



1 Mulling the Products Together (Continued):

Mulling Sidelight to Out-Swing Door:

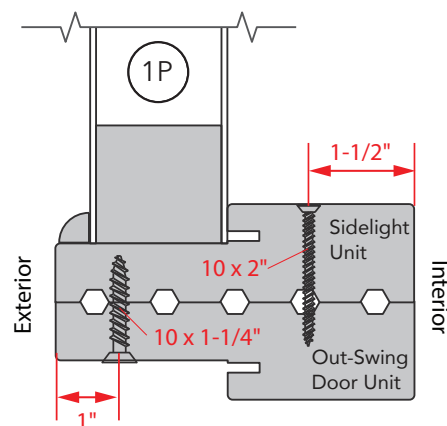
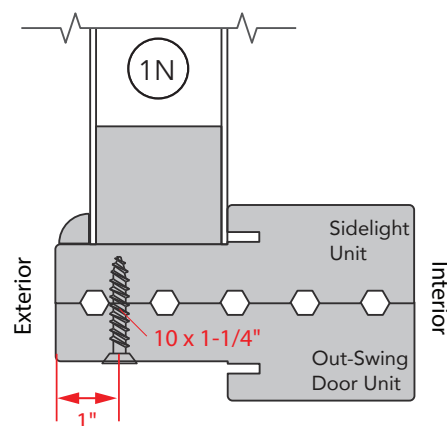
- N. **Secure the exterior of the units;** With the door panel open, pre-drill 3/32" pilot holes 1" deep and drive #10 x 1-1/4" flat head corrosion resistant screws, 1" from the exterior edge and 6" from each end of the jamb of the units and 12" on center between each screw.

DO NOT USE A SCREW LONGER THAN 1-1/4" ON THE INTERIOR OR DAMAGE MAY OCCUR.

- O. **Turn the products over carefully,** making sure the products stay together.

NOTE: When turning doors over, lift at the head and not the jambs. Make sure the door panel is latched shut.

- P. **Secure the interior of the units;** Pre-drill 3/32" pilot holes 1-1/2" deep and drive #10 x 2" flat head corrosion resistant screws, 1-1/2" from the interior edge and 6" from each end of the jamb of the units and 12" on center between each screw.



2 Install Brickmould and Exterior and Interior Mullion Covers:

- A. **Brickmould may need to be trimmed to fit on special size doors.** Fasten Brickmould to the frame edge with 2" corrosion resistant finish or brad nails. Set reveal of brickmould as follows:

In-Swing = 1/2"

Out-Swing = 1/4"

- B. **Trim exterior mull covers to fit between the brickmould, trim, or wall covering at jambs.** Fasten with 2" corrosion resistant finish or brad nails.
- C. **Install interior mull cover** to match interior trim.

Assembled combination units should be stood upright and stored upright until they are installed!

