Support Mullion

for Andersen® Gliding and Frenchwood® Gliding Patio Doors

Congratulations! You have just purchased one of the many fine Andersen® products. For ease of assembly and installation and continued enjoyment of your Andersen® product please read and follow this Installation Guide completely. You may direct any questions about Andersen® products to your local Andersen® dealer. Andersen® dealers can be found in the Yellow Pages under Windows.

Installer: Please leave the Installation Guide with the homeowner to file for future reference. Thank you for choosing Andersen®.

Importance of Proper Assembly and Installation

Proper assembly, installation, and maintenance of Andersen products are essential if the benefits of experienced product design and engineering, quality materials, and skilled workmanship are to be fully attained. General recommendations regarding assembly and installation are guidelines only. Every assembly and installation is different (windloads, structural support, etc.), and Andersen strongly recommends consultation with an Andersen supplier or an experienced contractor, architect, or structural engineer prior to the assembly and installation of any Andersen product. Assembly and installation of Andersen products is the sole responsibility of the architect, building owner, contractor and/or consumer and Andersen has no responsibility in this regard.

Parts Included

- (1) Exterior Trim Strip
- (1) Wood Filler Piece
- (1) Mullion Head Flashing
- (8) No. 10 x 1-5/8" Screws
- (2) No. 10 x 1" Screws
- (1) Silicone Sealant

Installation Tools and Supplies Needed:

- Safety Glasses
- No. 2 Phillips Head Screw driver
- Masking Tape
- Hammer
- Utility Knife
- Wood Block

Component Identification

- #10" x 1-5/8" Screws
- #10" x 1" Screws

Notice

Installation Guides (included in frame assembly package) must also be followed to complete Support Mullion procedure.

Caution

The 1" Security Screw included in this kit will be used in place of the 3" Latch Receiver Security Screw included in the Trim Set when joining Receiver Jamb to Receiver Jamb. The 1" screw will not damage the opposite receiver jamb. Refer to Trim Set Installation Guide when units are completely installed.

Warning

Improper use of hand or power tools could result in personal injury and/or product damage. Follow equipment manufacturer’s instructions for safe operation. Always wear safety glasses.

Use of ladders and/or scaffolding and working at elevated levels may be hazardous. Follow equipment manufacturer's instructions for safe operation. Use extreme caution when working around window and door openings. Personal injury and/or falls could occur.

Warning

Weight of window and door unit(s) and accessories will vary. Use a reasonable number of people with sufficient strength to lift, carry and install window and door unit(s) and accessories. Always use appropriate lifting techniques.
1. Prepare Frames for Joining

- Refer to, and follow instruction guide for Frame Assembly and Installation for Gliding Patio Doors, #0005310.
- Place assembled door frames, exterior side up, in correct joining position on a clean, flat work surface.

2. Install Side Flanges

- Position Side Flanges in groove on frame, short leg pointing toward interior, flush with bottom of Sill. Tap with a hammer and wood block to firmly seat Side Flanges.

3. Apply Head Flange/Flashing

**Standard Installation**

- Attach Head Flange to Head Jamb Cap Flashing making sure ends are flush.

**Masonry / Replacement Installation**

- Using a sharp utility knife, score and snap long leg off Head Flange.
- Attach modified Head Flange to Head Jamb Cap Flashing making sure ends are flush.

**NOTICE**

Some masonry wall, and replacement situations do not require the use of side flanges. If side flanges are not being used proceed to STEP 3.

- Position Side Flanges in groove on frame, short leg pointing toward interior, flush with bottom of Sill. Tap with a hammer and wood block to firmly seat Side Flanges.

**CAUTION**

Handle aluminum head flashing with care to avoid bending or kinking.

- Apply Head Flange to Head Jamb Cap Flashing. Make sure Head Jamb Cap Flashing is fully seated into Head Flange.

Installing Unit Without Installation Flanges:

- (Masonry wall or replacement)- Cut and remove the long leg of the Head Nailing Flange. Snap onto Head Flashing as shown.
4. Seat Head Flange/Flashing Member

- Push Head Flange/Flashing into groove of frame and firmly seat with a wood block and hammer by tapping along short leg with wood block and hammer. Make sure Head Flange/Flashing overlaps Side Ranges to the exterior.

5. Prepare Rough Opening

- Rough opening dimensions for individual door units are used to locate Support Mullion.
- Apply a strip of sheathing to the exterior face of Support Mullion.

6. Install One Door Frame

- Install one of the door frames according to directions in the unit Installation Guide.

7. Install Second Door Frame and Wood Filler Piece

- Install the other door frame using the Wood Filler Piece to correctly space units. Wood Filler Piece should be flush with bottom of sill.
- Secure Wood Filler Piece to Support Mullion using 8d casing nails. Do not nail into saw kerf.
8. Secure Door Frames to Rough Opening

- Follow procedures in unit Installation Guide to make sure frames are plumb, level, and square and shimmed correctly before securing.
- Secure frame into **Support Mullion** through predrilled holes with #10 x 1-5/8” screws.

9. Install Exterior Trim Strip

- Position notched end of **Exterior Trim Strip** at head end and under lip of **Head Cap Flashing** and flush with head jamb. **Trim Strip** should be flush with bottom of sill.
- Press legs into saw kerfs and seat firmly with wood block and hammer.

10. Apply Silicone Sealant

- Apply **Silicone Sealant** to the top and side of the mullion joint area. Avoid applying **Silicone Sealant** more than 3/4” from edge of **Trim Strip** to prevent excessive squeeze out.

11. Apply Head Flashing

- Apply **Head Flashing** over mullion area by snapping over lower lip of **Head Cap Flashing**. Tape in place against **Head Flange**.
- Proceed to installation instructions for installing door panels.