

Full Frame Replacement with Nail Fin Product

- INSTALLATION WILL REQUIRE 2 OR MORE PERSONS FOR SAFE INSTALLATION
- ALWAYS STORE WINDOWS IN THE UPRIGHT POSITION, AND OUT OF DIRECT SUNLIGHT
- ALWAYS INSPECT PRODUCT FOR ANY DAMAGE SUCH AS DENTS, CRACKS OR SCRATCHES. DO NOT INSTALL DAMAGED WINDOWS
- ALWAYS REMEMBER TO USE APPROPRIATE PERSONAL PROTECTIVE EQUIPEMENT
- READ AND UNDERSTAND THIS SET OF INSTRUCTIONS FULLY, BEFORE YOU BEGIN
- ALWAYS CHECK THE SIZE OF THE EXISTING WINDOW AND THE SIZE OF THE REPALCEMENT WINDOW TO VERIFY FIT BEFORE PROCEEDING.
- REFERENCE AAMA 2410-10 SECTION 5 FOR RECOMMENDED INSTALLATION METHODS.

Tools Required:

- Utility Knife
- Phillips and Standard screwdrivers
- Pry Bar
- Reciprocating Saw
- Hack Saw
- Hammer
- Putty knife
- Tape Measure
- Level
- Square
- Stapler
- Caulk Gun
- Screw Gun

Installer Will Need To Supply:

- Shims/spacers
- 1.5" Galvanized Roofing Nails, or equivalent
- Closed cell foam backer rod/sealant backer
- AAMA approved Foil Backed Butyl Window and Door Flashing tape or equivalent
- AAMA approved low expansion, low pressure insulating window and door foam sealant. DO NOT use high pressure or latex foams. Batt insulation may also be used in the Header and Jamb cavities.
- NOTE: Other materials for specific application may be required.

Removal of Existing Window

Caution: Windows in older homes may be painted with lead-based paint. Removal of these windows may disturb this paint. Precautions must be taken to minimize exposure to lead dust and debris. Consult state and local authorities and/or go to www.epa.gov/lead for more information.

- **Removing Existing Nail Fin Window**
 - **Sash Removal**
 - Remove the screen and vent sash from the existing window.

- Remove the fixed sash. There may be screws holding the fixed sash in place. Remove the screws, and then take out the fixed sash. (Fig. 1)



Fig. 1

- Remove the fixed meeting rail by removing the fasteners holding it in place. If the screws are not accessible, use a hack saw to cut the fixed meeting rail off at the top and bottom flush with the sill and head. (Fig. 2)

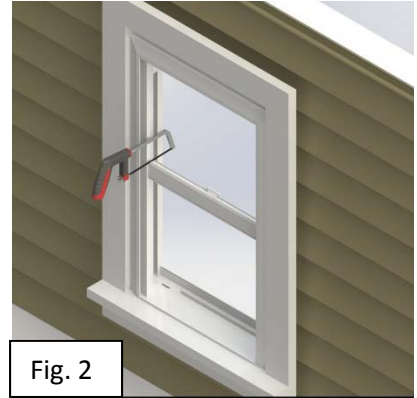


Fig. 2

- **Windows With Exterior Trim**

- Cut through existing sealant using a utility knife.
- Remove existing exterior trim. Use a pry bar and wood block to protect the exterior wall. (Fig. 3)



Fig. 3

- Remove the fasteners attaching the window nail fin to the wall.
- Remove the window from the opening

- **Windows without Exterior Trim**

- Cut back siding 3-4" to expose the full nail fin.(Fig.4)
- Alternatively, remove siding to expose the nail fin.
- Remove fasteners from the nail fin.
- Remove the window.



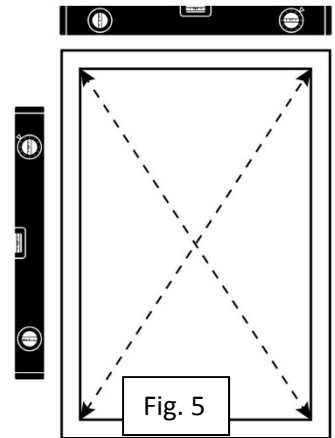
Fig. 4

Verify the Opening

- Verify the opening is plumb, level, and square. (Fig. 5)
- Remove all debris from the opening.
- Verify the window will fit in the opening. Measure all four sides of the opening. The opening should be a minimum of ½" larger than the window in both width and height. Ensure the surrounding framing is not bowed.
- Inspect opening for water damage or other issues and repair before proceeding.

Prepare New Window for Installation

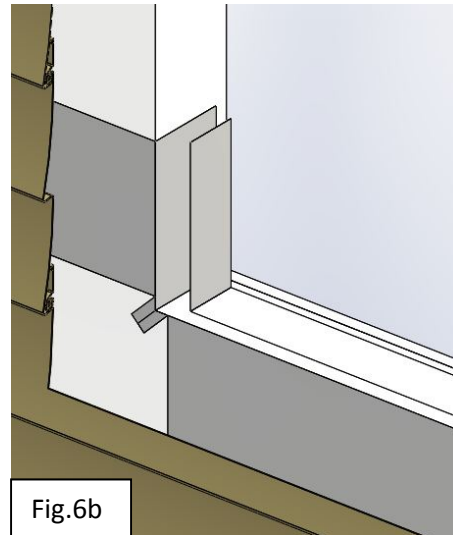
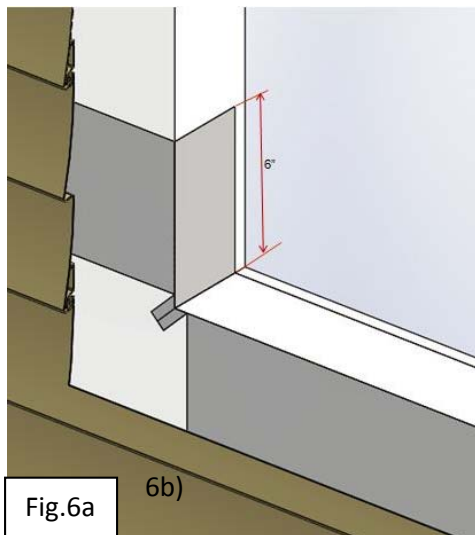
- (If not already completed) Remove corrugated corners and blocks, as well as plastic wrap from the window. Inspect the window for any damage such as scratches, dents or cracks. DO NOT install damaged windows.
- Remove any accessory extrusions taped to the top of the window.



Install plumb, level and square

1) Prepare the Opening

- a. Apply and fasten the horizontal sill flashing material first. Cut a piece of flashing tape 12" longer than the opening width. Place the flashing tape on the rough sill opening, and wrap 6" up on each side of the jamb. Flashing tape should be wide enough to wrap around the face of the house and extend under the siding material to overlap the house wrap on both sides of the jambs and sill. (Fig. 6a) A second piece of flashing tape of equal length and overlapping the first, may be required to reach half the depth of the rough opening. (Fig.



- b. Ensure the flashing tape has proper adhesion by pressing down firmly. Remove and replace flashing tape if necessary to ensure proper adhesion and placement.

- c. Apply ¼" shims under the sill, at the jambs, to ensure the window will be level and centered vertically in the opening.

2) Setting and Fastening the Window

- a. Apply a continuous bead of sealant to the backside of the nail fin, half the distance between the frame and nailing holes in nail fin, and immediately set the window in the opening. (Fig. 7)
- b. Apply ¼" shims as required to ensure the unit is plumb, level and square and fasten the window perimeter securely into position. Fasteners should be placed at a minimum of every other hole in the nail fin.

3) Sealing the Nail fins

- a. Apply a continuous bead of sealant to the exposed nail fin at the side jambs of the installed window. Continue the sealant bead at the jambs vertically up under the existing siding material above the rough opening at the head of the window. **NOTE: If using self-sealing flashing tape, sealant is not required.**
- b. Install the jamb flashing by pressing the flashing into the sealant beads applied in step (a), unless using self-sealing flashing tape. Extend the flashing up to the siding material at the head and sill. Attach flashing into position using appropriate fasteners, unless using self-sealing flashing tape. (Fig. 8)



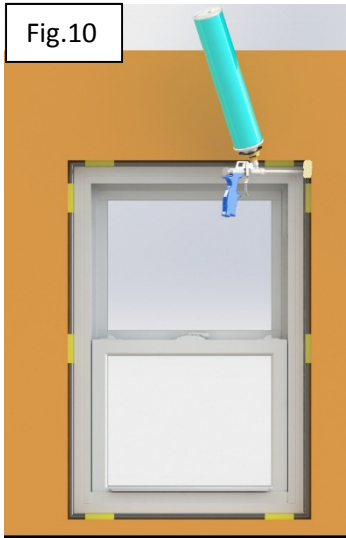
- c. Apply a continuous bead of sealant to the exposed nail fin at the head of the installed window. **NOTE: If using a self-sealing flashing tape, sealant is not required.**
- d. If sealant was used, install the head flashing by pressing the flashing into the sealant bead previously applied across the nail fin. Press the bottom edge of the flashing into the sealant. Extend the head flashing over the top of the jamb

flashing and under the siding material. Fasten into place using the appropriate fasteners, unless using self-sealing flashing tape. (Fig. 9) **NOTE: Check State and Local codes that may require rigid head flashing (drip cap).**

- e. Reinstall siding if it was previously removed. Apply J-Channel or trim as required to complete the exterior façade.



4) Interior and Exterior Sealant Instructions



a. Insulate the interior cavity between the window frame and the rough opening. Use low pressure polyurethane window and door insulating foams. (Fig. 10) Follow the directions on can. Do not use high pressure or latex foams.

- i. Apply sealant over the interior surface of any shims or clips interfering with the foam seal.
 - ii. Re-check window operation after foam installation. Excess foam may be removed with a knife after it cures.
- b. Install exterior sealant. **Note: Use a high quality, multi-purpose exterior sealant. Follow directions on the tube.**

- i. Insert backer rod 3/8" deep in the space around the window as needed. Backer rod adds shape and controls the depth of the sealant line.
- ii. Apply a continuous bead of sealant to the entire perimeter of the window.
- iii. Shape, tool, and clean excessive sealant.

5) Cleaning Instructions

- a. Label and tape adhesive should be removed by alcohol-based cleaners on small glass areas only. After this is removed, thoroughly wet the glass and rinse with plain water.
- b. Glass can be cleaned with regular or ammonia-based glass cleaners.
- c. Vinyl products can be cleaned with a solution of mild soap and water. Use any non-abrasive cleaner for tough jobs. Do not use solvents, paint removers or sharp objects to clean your windows.

NOTE: Any cleaning information suggested in these instructions are only to assist you. The window manufacturer assumes no responsibility for results obtained which are dependent on the chemical solutions as prepared, and method of application.

6) Care and Maintenance

- a. Painting or varnishing your window is not required and will void the warranty.

- b. Alside/AMI/Revere/Gentek is not responsible for damage to windows and/or patio doors during the installation process. This includes, not is not limited to, scratches, scuffs, or other damage to surfaces of windows and patio doors that have an interior wood grain finish and/or an exterior factory applied pain or coating.
- c. The tracks of double-hung windows are exposed to the outdoor elements, which can contain abrasive elements such as dirt, leaves, sand, grease, soot, etc. If these elements are not removed, they can be ground into the vinyl tracks when the sashes are operated. These tracks can be cleaned with a small, stiff nylon brush, then wiped down with a soft cloth. If necessary, an occasional light coat of silicone spray lubricant on the balance shoe track of a double-hung, and the tracks of a sliding window, will help ease the operation without leaving any oily residue.

IMPORTANT: Recycling of Materials

Scrap materials, including vinyl, wood, metals, glass, and others, generated by the installation of the new windows or doors, should be taken to their appropriate recycling center, or manufacturing facility that reuses any of these materials, to the extent of feasibility. Check with local recycle centers for a list of products they will process, or Municipal Service Centers that can direct you to manufacturing facilities that accept specific materials. Adhere to all Federal, State, and Local guidelines where applicable.