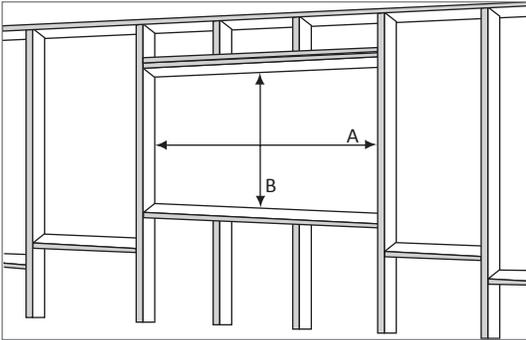


Vinyl & Aluminum Windows Nail-on Frame Application

INSTALLATION INSTRUCTIONS

Please read all instructions before beginning the installation.

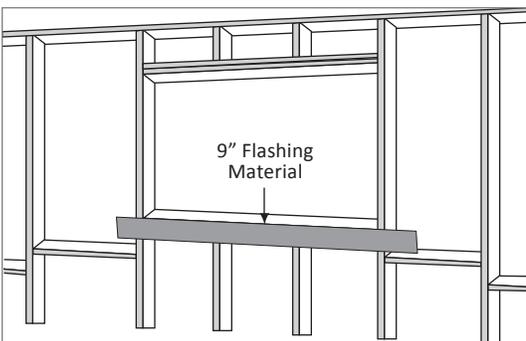


We recommend using a professionally trained installer who is familiar with all relevant building codes and regulations. These instructions are to be used as a guide. Actual conditions may change installation process. Failure to properly install the window may void the warranty and result in damage to window and surrounding area.

All windows should be inspected upon delivery, note any defect on shipper and do not install product that is defective.

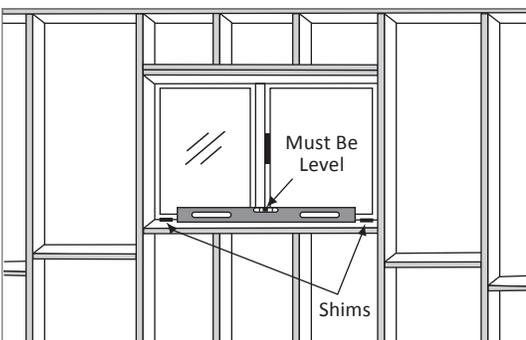
1. Frame rough opening $\frac{3}{8}$ " to $\frac{3}{4}$ " larger than actual net window size. Net window size does not include nail-on fin. The framing should be plumb, square and level.

Note: For vinyl windows, a double sill plate is recommended.



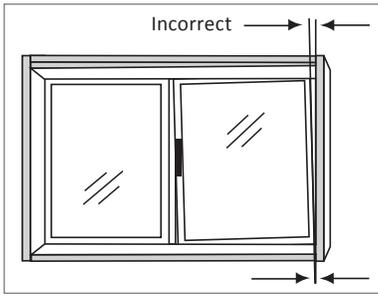
2. Apply first strip of 9" flashing material horizontally along sill plate. Top edge of material should be leveled with top edge of rough opening. Flashing should extend $8 \frac{1}{2}$ " beyond opening on each side.
3. Apply a continuous bead of sealant to back side (interior surface) of nail-on fin prior to installing window.

Note: Apply sealant in line with prepunched slots located on nail-on fin.

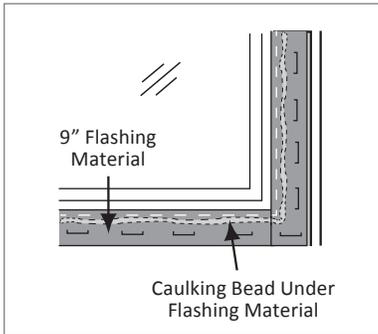
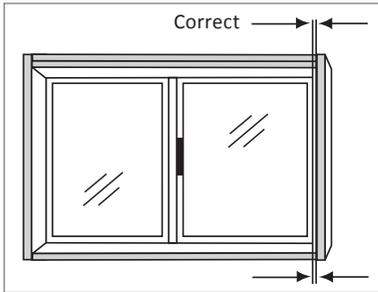


4. Immediately after sealant is applied place window into opening from the outside (handle goes to the inside), centered between the vertical studs. Shim and adjust window as necessary to achieve a plumb and level condition, as well as an even reveal around the frame opening. Secure jambs and sill with the equivalent of 6d galvanized or aluminum nails through nail fin on a maximum of 16" center. Do not nail through nail fin at the head. Put nails $\frac{1}{2}$ " above fin and bend them over fin.

Note: DO NOT shim directly under vinyl window frame. Shim between sill plates.



To check for squareness, open vent panel 1/2". The reveal should be the same at top and bottom.



5. Apply a continuous and generous bead of sealant to exposed nail fin vertical jambs. Continue the bead at jamb vertically 1/2" above rough opening at the head of window. Sealant should be applied in line with prepunched holes on nail fin and over the head of fasteners. Seal the full length of any mechanically fastened seams at the nail fin corners.
6. Install 9" jamb flashing material by pressing the material into sealant. Extend jamb flashing 8 1/2" above rough opening and 8 1/2" below rough opening sill. Tack flashing into place.
7. Apply a continuous bead of sealant across window header at a height of 8 1/2" above rough opening and a second bead across nail fin. Extend sealant 8 1/2" beyond rough opening on each side to ensure that it will completely overlap jamb flashing.
8. Cut and install head flashing material by pressing top and bottom edges into sealant being careful to work out any air bubbles that could hold water. Extend jamb flashing 10" beyond opening on either side so as to ensure it completely overlaps jamb flashing. Tack in place.

Extreme caution should be used to avoid damage to windows during and after installation and throughout any construction.

PLEASE NOTE

- Hinged and pivoted windows may require additional fasteners located near the hinge or pivot points.
- Field applied protective coatings can damage window sealants and gaskets and are not recommended.
- Masking tapes should NOT be used on window surfaces as they may cause damage when removed.
- Stucco or concrete left to cure on frames and glass may damage these surfaces. Remove and clean all such materials from surfaces before any curing action takes place. Rinse all surfaces exposed to leaching water from new concrete or stucco with clean water to prevent permanent damage.
- Periodically check weep holes in the sill. Keep them clean and unclogged to ensure proper drainage.

