

# **Installation Instructions Casement & Awning Windows**

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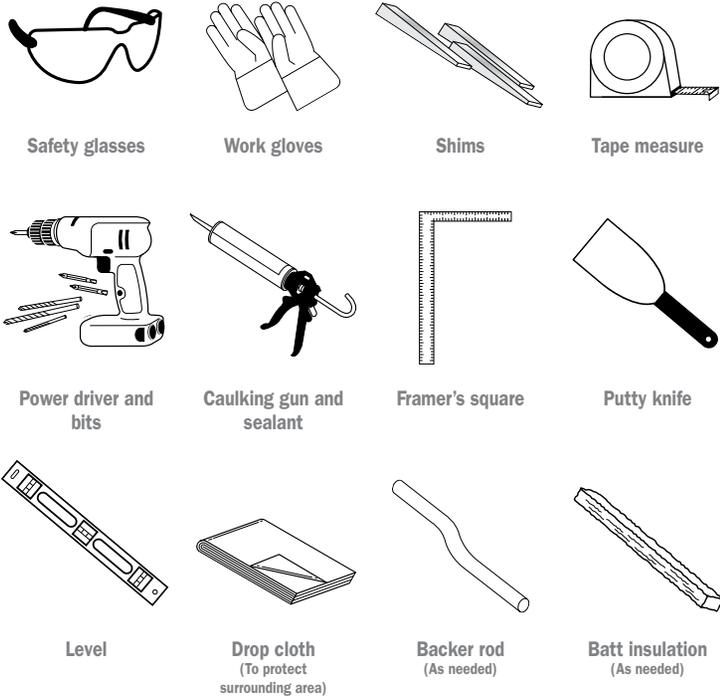
Block Replacement Windows

**Project Requirements:**

- Installation must comply with all applicable building codes.
- This product is designed to be used as a replacement window installed into an existing “old style” wood window frame.
- Existing window frame, wall and weather-resistant barrier must be adequate and wall must be structurally sound.
- The replacement window should be approximately 1/4" less in both width and height than the opening (minimum clear opening of the existing window frame after removal of sash and components).

If you have questions in regard to project requirements or installation, call 800-234-4228.

**Tools & materials required:**



**Warnings and Cautions:**

**NOTE**  
Read all instructions, warnings and cautions before starting installation.

**NOTICE**  
Important safety information. Leave this information for the building occupant.

**⚠ WARNING**  
Use caution when working at elevated heights and around unit openings. Follow manufacturers' instructions for ladders and/or scaffolding. Failure to do so may result in injury or death.

**⚠ WARNING**  
Follow manufacturers' instructions for hand or power tools. Always wear safety glasses. Failure to do so may result in injury and/or product damage.

**⚠ WARNING**  
Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry and install window and door products to avoid injury and/or product damage.

**CAUTION**  
Do not overfill with low expanding foam or overpack with backer rod to avoid bowed jambs.

**⚠ WARNING**  
Contains small parts. If swallowed could pose a choking hazard to young children. Remove and dispose of any loose or easily removed parts.

**CAUTION**  
Do not drill or fasten through sill. Product and/or property damage will result.

**CAUTION**  
Do not overdrive screws or nails. Product damage may result.

**⚠ WARNING**  
Support window in opening while shimming. Failure to do so may result in injury and/or product/property damage.

**⚠ WARNING**  
Before, during, and after installation, place all tools as well as any casing or window parts on a drop cloth or in a location that will not pose a hazard to installers, customers, or property.

**⚠ WARNING**  
Do not leave the window opening unattended, especially when small children are present. A fall from the window opening could cause death or serious injury.

**Warnings and Cautions:**

**CAUTION**

Acid solutions used for cleaning masonry or concrete will damage glass, fasteners, hardware, vinyl and metal flashing.

Protect unit and follow cleaning product instructions carefully. If acid contacts unit, wash all surfaces with water immediately.

**CAUTION**

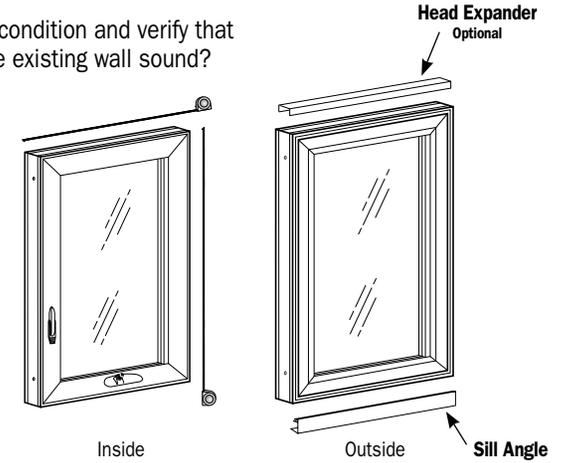
Abrasive cleaners will damage glass and vinyl surfaces.

**Step 1**

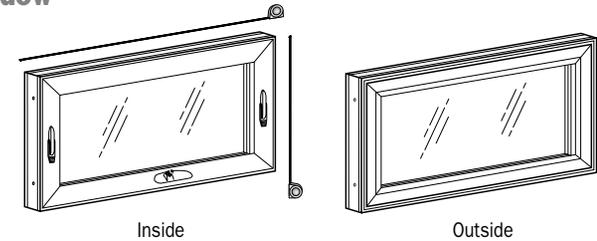
**Inspect new window and verify opening.**

Inspect for proper size and condition and verify that all parts are included. Is the existing wall sound?

**Casement Window**



**Awning Window**



**NOTE:** These instructions show images of a casement window installation.

**Hardware Included:**

**One hardware bag containing:**

Quantity	Item
4	#8 x 3" Pan Head Screws

Handles may be packaged separately

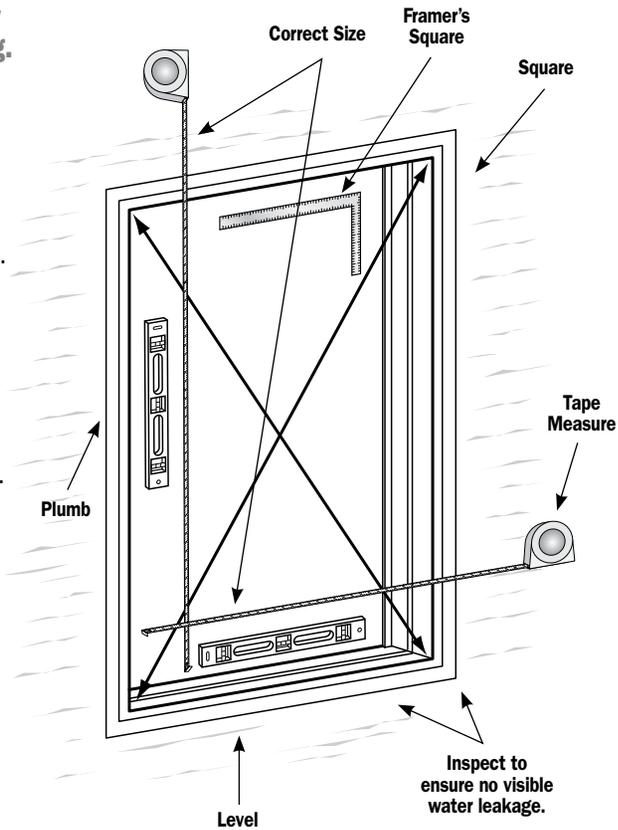
Step 2

**Remove old window and inspect opening.**

After removing old window sash and operating hardware, inspect opening.

Make sure opening is plumb, level and square.

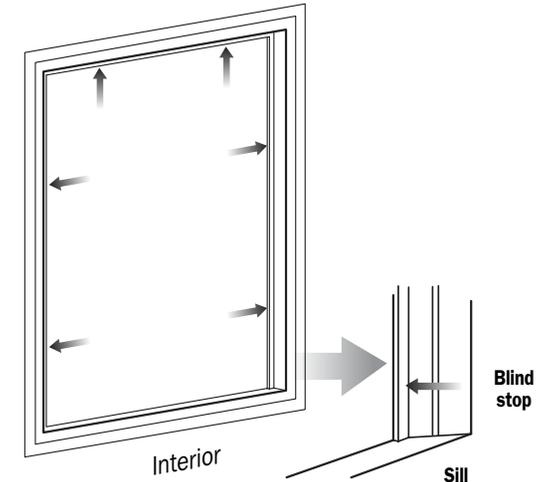
Measure the opening at the smallest width and height, vertically and horizontally. Remember to check to make sure the opening is square by measuring diagonally. Measurements must be within 1/8".



Step 3

**Check blind stop.**

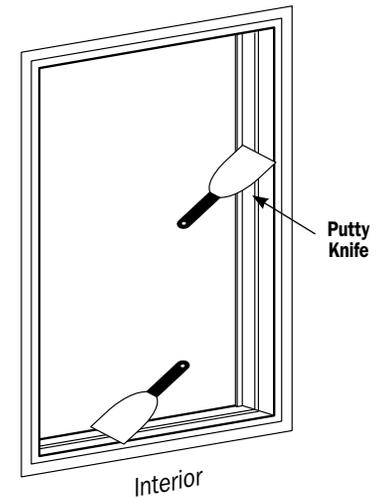
Leave existing blind stop intact. If any portion of the blind stop is damaged, the entire stop will need to be replaced.



Step 4

**Clean opening of all debris.**

Cover or fill all holes.

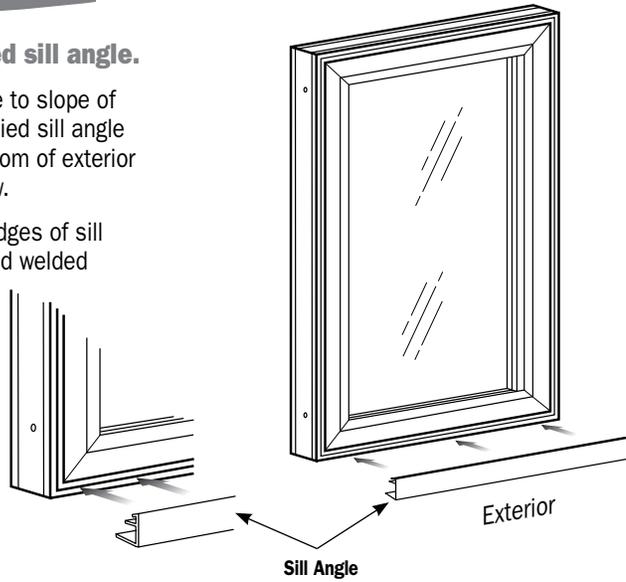


Step 5

**install supplied sill angle.**

If necessary (due to slope of sill), install supplied sill angle in groove on bottom of exterior sill of the window.

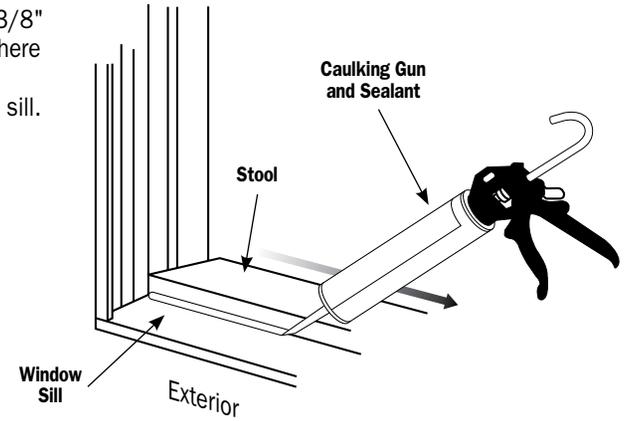
If needed, trim edges of sill angle to fit around welded corners.



Step 7

**Apply sealant to bottom of opening.**

Apply continuous 3/8" bead of sealant where the existing stool meets the window sill.



Step 6

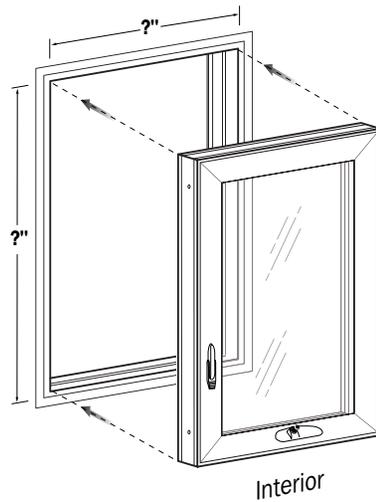
**Check fit of window.**

Temporarily place window into opening and check for fit.

Ensure blind stops will not interfere with window operation.

Then remove window.

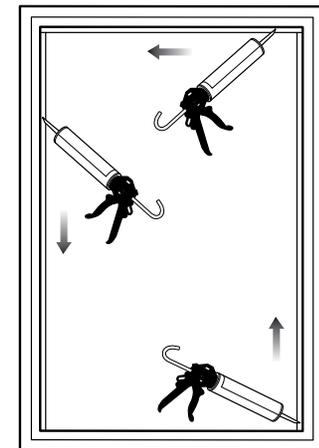
Adjust and trim sill angle as necessary.



Step 8

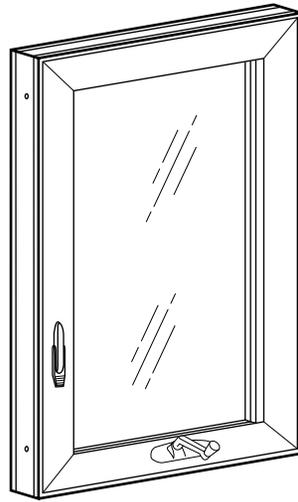
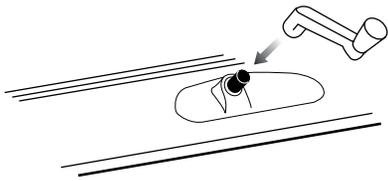
**Apply sealant to top and sides of opening.**

Apply continuous 3/8" bead of sealant to inside edge of blind stop at top and both sides.



Step 9

If necessary, install handle.

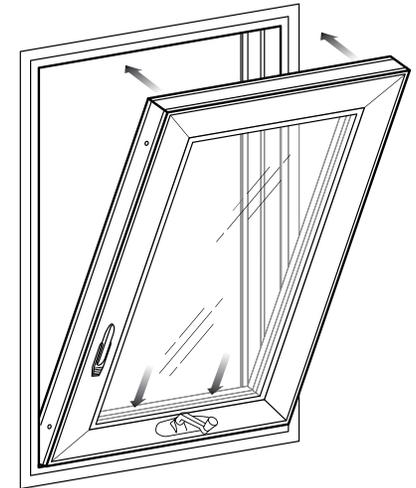


Interior

Step 11

Place new window into opening, tilting in from bottom.

If using, push head expander tight against upper part of opening. Make sure both interior and exterior of head expander are tight against upper part of opening.



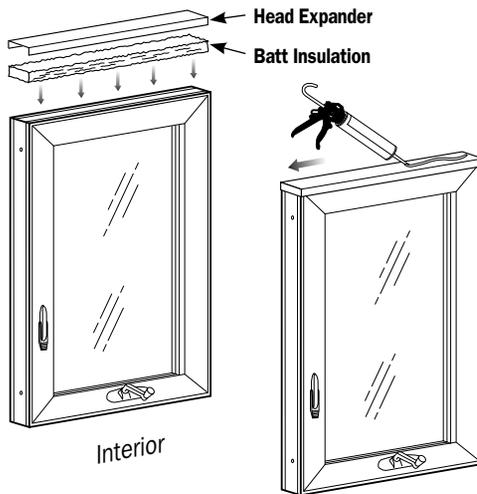
Interior

Step 10

If necessary, install optional head expander on top of window.

Place insulation between head expander and window and push head expander into place.

Apply 3/8" bead of sealant across top of head expander.



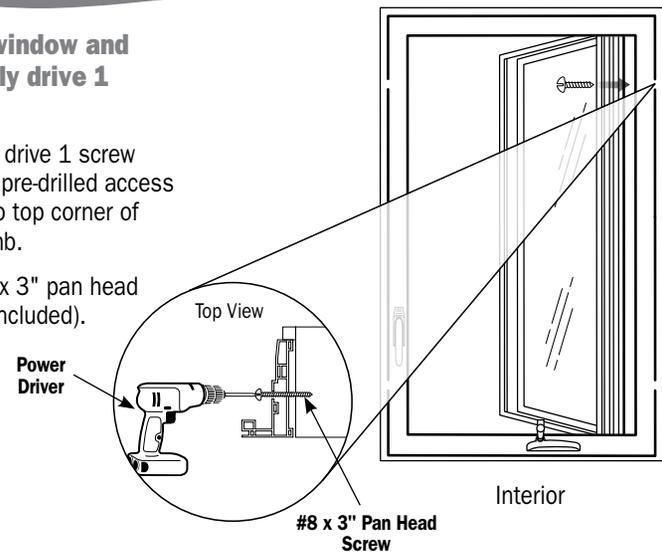
Interior

Step 12

Open window and partially drive 1 screw.

Partially drive 1 screw through pre-drilled access hole into top corner of side jamb.

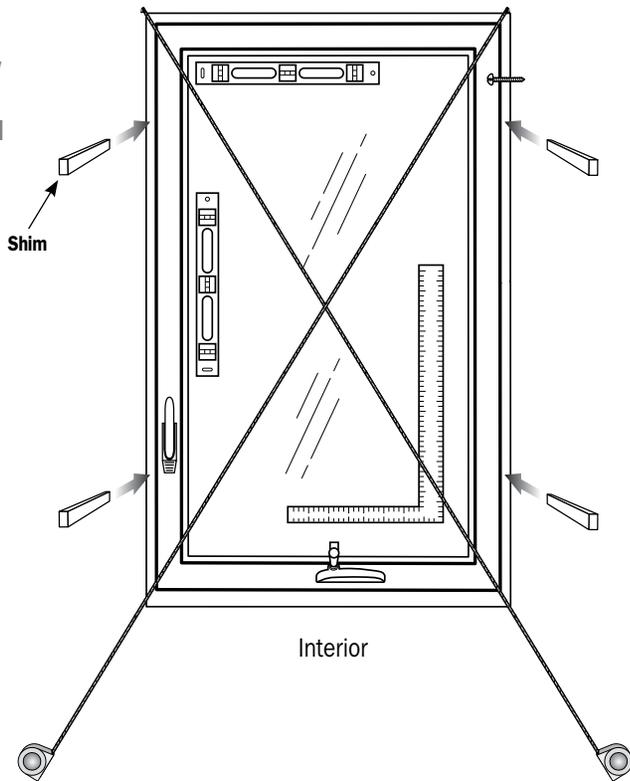
Use #8 x 3" pan head screw (included).



Interior

**Step 13**

**Close window and shim behind screw holes so window is plumb, level and square.**



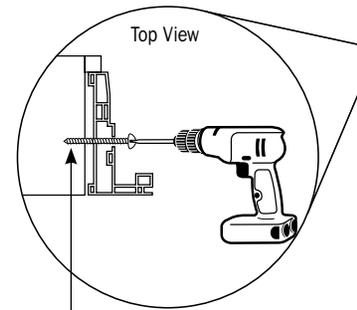
**Step 14**

**Open window and fasten.**

Use #8 x 3" pan head screws (included).

Drive screws only in jambs using pre-drilled holes.

Screw through access holes and snug all screws, including screw from Step 12.



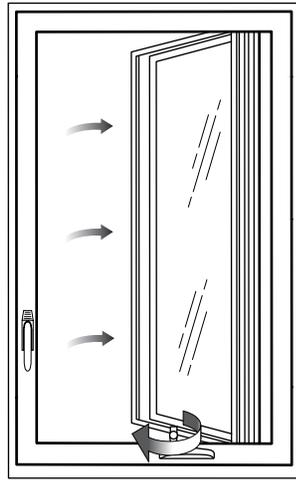
**#8 x 3" Pan Head Screw**

**Step 15**

**Check for proper operation.**

Ensure that window opens and closes properly and that lock engages smoothly.

Adjust and shim as necessary to ensure plumb, level and square.

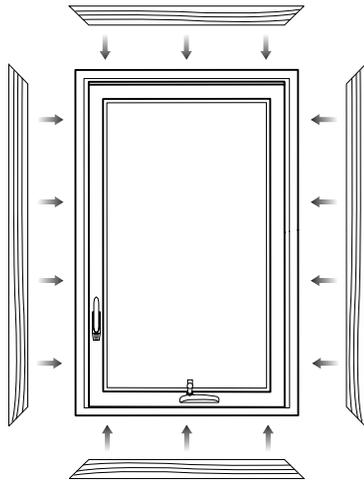


Interior

**Step 16**

**Finish and trim interior as desired.**

If necessary, replace interior stops or molding tight against window and optional head expander.



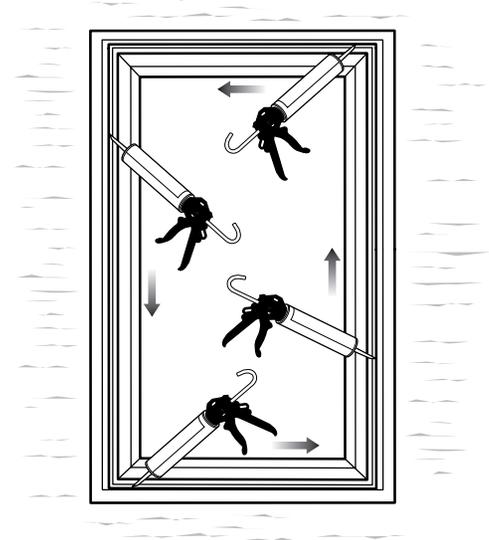
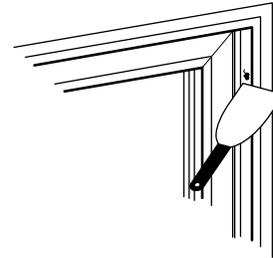
Interior

**Step 17**

**Apply sealant around perimeter of window where window frame meets the blind stops.**

Fill all old screw holes.

Be sure all gaps are filled with sealant. If necessary, use backer rod.



Exterior

**Questions:** Call 800-234-4228

**Installation Instructions**

Block Replacement Casement & Awning Windows