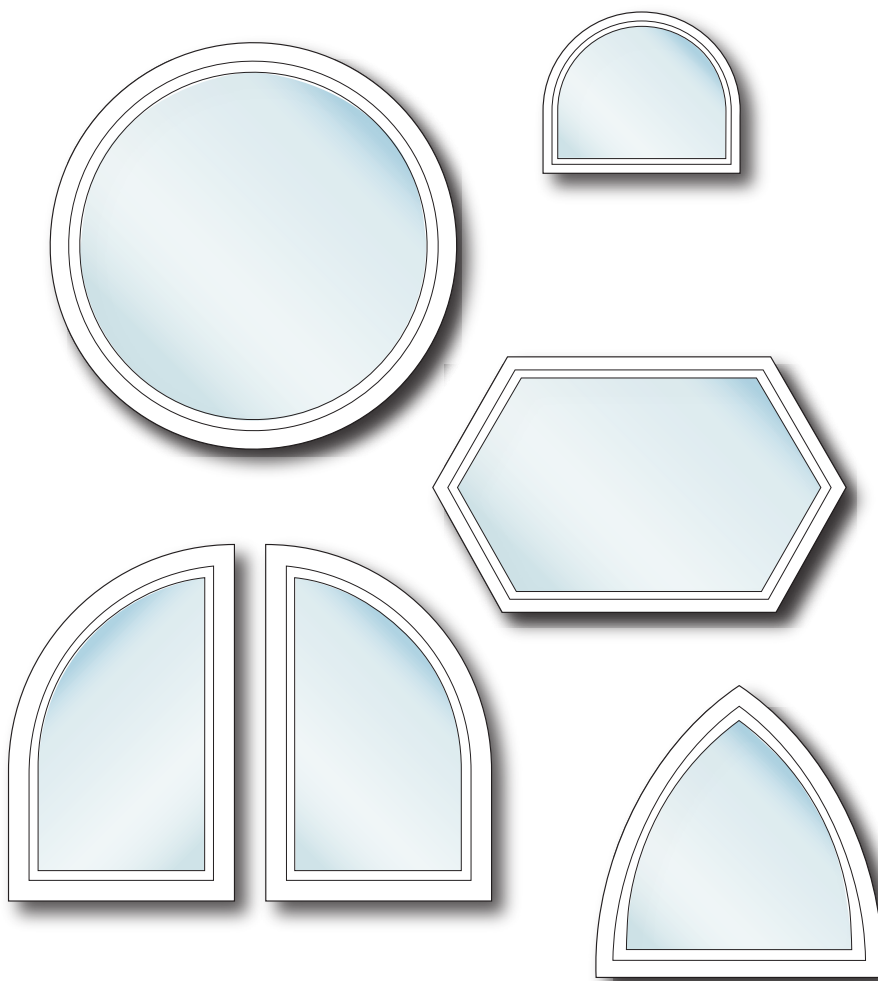




INSTALLATION INSTRUCTION MANUAL ARCHITECTURAL VINYL SHAPE WITHOUT NAIL FIN

(ASPECT™ AND ENDURE™)



Illustrations are for reference. Actual shape may vary.

*** Find QR Codes inside for additional information, helpful installation tips, and videos.**



Contact the local recycling waste management center for waste disposal in the area. Always check local waste requirements and carefully dispose of waste in accordance with Federal and other regulations.



Homes built before 1978 may contain lead paint. All replacement installations must comply with the U.S. EPA's Lead-Based Paint Renovation, Repair, and Painting Program (RRP Rule). Read more about the RRP Rule and lead-safe work practices, on the U.S. EPA's website at: www.epa.gov/lead



GETTING STARTED

TOOLS & MATERIALS YOU WILL NEED

- Tape Measure
- Pencil
- Shims
- Drill & Drill Bits
- Utility Knife
- Putty Knife
- Square
- Level
- Hammer or Mallet
- High Quality Silicone Caulking in accordance with ASTM C920, Class 25 & Caulking Gun
- AAMA approved Low-Expanding Window Insulation Foam in accordance with ASTM C1620



REMEMBER: ALWAYS USE THE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.



Read these instructions carefully before starting installation. Product warranty does not cover damages resulting from improper installation.



IMPORTANT NOTES BEFORE YOU BEGIN

- Inspect your package(s) for any visible damage to the product. In addition, double check your paperwork with label on product(s) and verify all information is a match. Open packaging to confirm style, color and that order was shipped complete. Double check size of new unit by comparing it for fit to opening.
- If damage or irregularities are found, please scan the product's packaging QR Code label using your phone's QR Code Scanner to access ProVia's After Sale Product Support to enter a request and post pictures/videos to the order, or you can call the Customer Support Team at 1-800-669-4711.
- If you have ordered optional items, verify that they are included in packaging contents. This includes checking for multiple packages (For example, 1 of 2 and 2 of 2).



VINYL SHAPE WINDOW CONTENTS

NOTE: Please refer to information below for assembly and installation contents.

Assembly Contents

Vinyl Window Unit (3¼" Main Frame Depth)

Sill Extender (Bottom Only), shipped loose, Part #: S-VE-4473-CC (Refer to Section 'D')

OPTIONS:

- Sill Extender (Complete Set), shipped loose, Part #: S-VE-4473-CC (Refer to Section 'D')
- Stucco Flange, Integrated

(2) Installation Pack

S-HS-521S-CC

(CC = Color Match)

(6) ⅜" Low Profile Hole Plug, (Color Matched), Part #: S-HG-698-CC



(6) #8 x 2" Phillips Pan Head Screws, Part #: S-HS-046-00



(2) #6 x ½" Phillips Pan Head Screws, (Color Matched),
Part #: S-HS-783-CC (**NOT USED**)



WINDOW INSTALLATION GUIDELINES

- Windows achieve maximum performance from proper installation methods. It is critical to maintain alignment.
- A window gains strength from the surrounding wall structure. This is obtained with proper sizing, support and installation methods.
- Use a high quality grade of silicone with a neutral base.
- Approved sealants for this use must meet the requirements of ASTM C920, Class 25.
- The plastic applied to UV resistant paint finish windows is for the protection of the paint finish and should remain on the window until the installation is complete.
- **DO NOT OBSTRUCT WEEP HOLES** with flashing or sealant. The weep holes located at the bottom sill area of window are necessary to prevent water accumulation. Covering or applying trim to the product will need to allow for proper drainage. Failure to do so will create a risk of water infiltration.
- Windows should be stored in a cool location. **DO NOT** store in direct sunlight or in non-vented hot containers.
- **IMPORTANT!** Allow for expansion and contraction of the window unit when contacting exterior finish material. For installation of the finished exterior material surrounding the window, scan or tap the QR code shown for all gap recommendations per exterior material type.
THIS INFORMATION MUST BE PASSED TO THE EXTERIOR FINISH INSTALLER.





IMPORTANT INFORMATION!

- ProVia® understands there are various methods and conditions affecting the installation of a replacement window. We feel the most critical steps to follow are securing and shimming as instructed in this document.

A. INSPECT VINYL SHAPE WINDOW

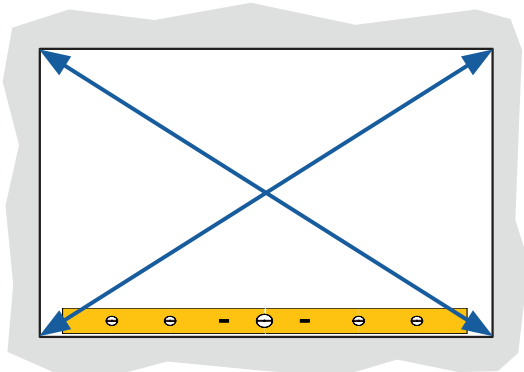


IMPORTANT! Window units with painted exterior, **DO NOT** remove the protective plastic cover until after installation is completed.

- 1 Inspect window for any material damages. **NOTE:** Scan the product packaging QR Code label to access ProVia's **After Sale Product Support** to enter a request and post pictures to order, or call the Customer Support Team.

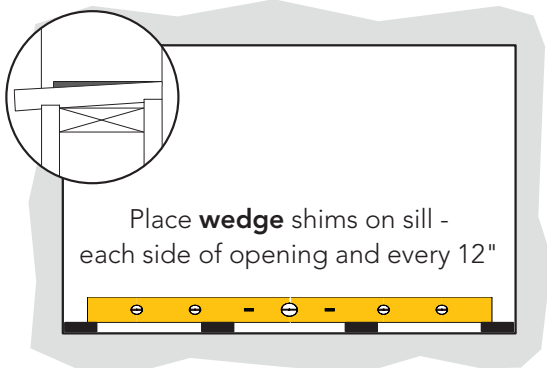
B. PREP OPENING

RECTANGULAR SHAPED WINDOW OPENING



(Figure B.1)

SLOPED SILL WITH WEDGE SHIMS



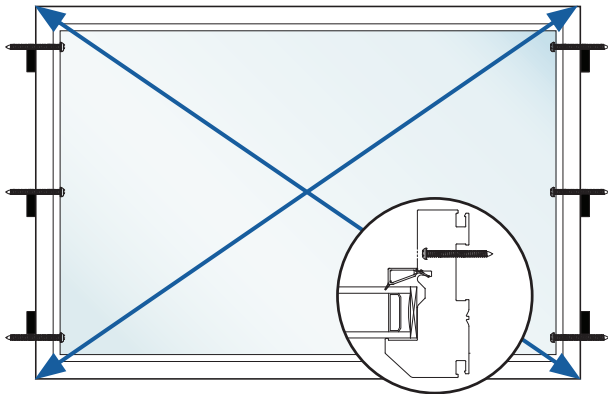
(Figure B.2)

- 1 Clean opening of dirt, debris and obstructions.
- 2 For a **rectangular shaped window**, check for overall square of opening by measuring diagonally from corner to corner and each side. (Figure B.1)
- 3 Fill all voids or open cavities, found after removal of old window, with AAMA approved low-expanding window insulation foam that complies with ASTM C1620.
- 4 Check sill for level, flat, and for proper structural support of opening to ensure a proper installation and seal of window unit. Shims are **NOT REQUIRED FOR LEVEL AND FLAT SILLS**. If sill is sloped, refer to Step 5.

NOTE: If foam wrap is used under the sill, shim thickness **MUST** be increased to prevent the foam wrap from crowning the sill.
- 5 To level a sloped sill, place **wedge shims** against each jamb side of opening, in the center, and space every 12" maximum. Be careful shims **DO NOT** tilt sill toward the inside of the home. (Figure B.2)

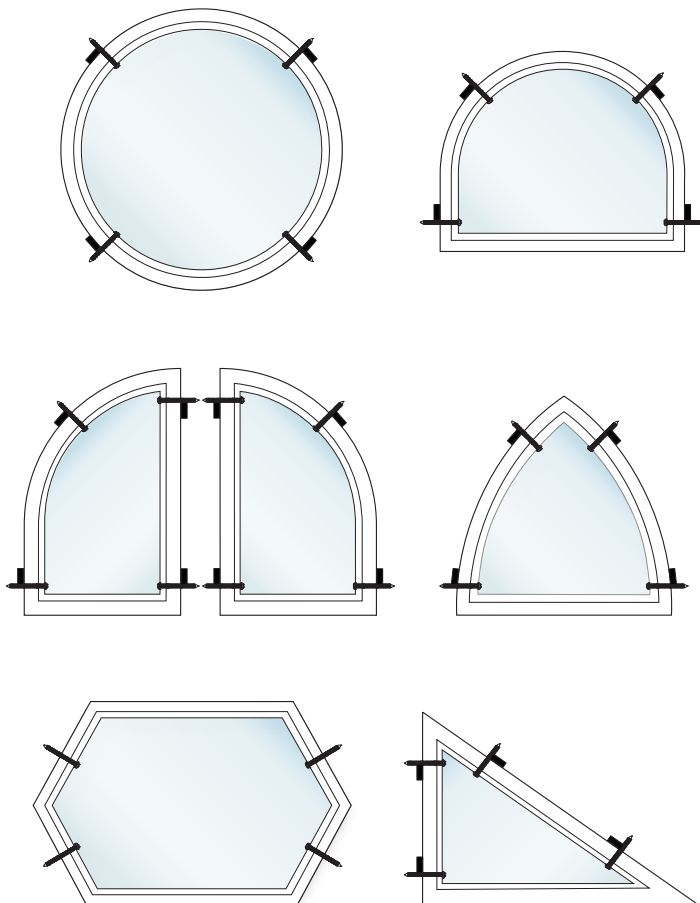
C. INSTALLATION

RECTANGLE SCREW AND SHIM LOCATIONS



(Figure C.1)

ALL OTHER SHAPE SCREW AND SHIM LOCATIONS

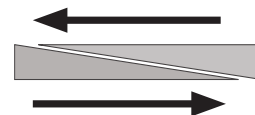


(Figure C.1)

- 1 Place window in opening and onto the flat or shimmed sill. Center within opening. *For a shimmed sill, if the top of the window is against the top of the opening, reduce height of the bottom shims.*
- 2 Secure to the opening. ALL screw holes must be pre-drilled with a $\frac{1}{8}$ " thru-hole through the first and second wall of the frame followed by a $\frac{3}{8}$ " hole through the first wall only. Install a #8 x 2" Phillips pan head screw tight to the second vinyl wall.
 - **For a rectangular shape**, place a vertical jamb screw $4\frac{1}{2}$ " from the top and bottom. Check unit for overall square. Adjust screws as needed. Additional screws may be needed if distance between top and bottom is greater than 31". If needed, install a header screw. (Figure C.1)
 - **For all other shapes**, follow recommended screw locations shown and every 31" in between. (Figure C.2)

! IMPORTANT! Shims can be installed prior to installation of screws. It is critical to monitor alignment throughout installation.

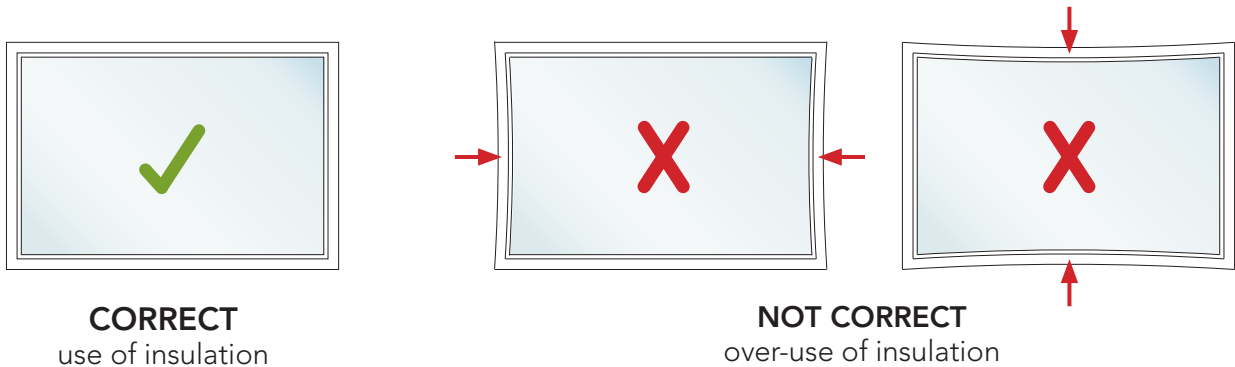
! IMPORTANT! CORRECT shimming application; stack wedge shaped shims contrasting and plane to plane. See diagram below. **DO NOT** use a single wedge shim. This will cause the frame to roll.



- 3 Place shims next to all screw locations. **DO NOT PLACE SHIMS WITHIN 4" OF TOP OR BOTTOM CORNERS.** This will cause frame distortion. If spacing between shims is greater than 12", additional shims may be needed to stabilize the frame. **DO NOT over shim. Over shimming may change alignment.** (Figure C.1 & C.2)
- 4 Final check on frame alignment. Adjust shims and screws as needed to achieve and maintain straight alignment, all sides.

D. INSULATE AND FINAL ADJUSTMENTS

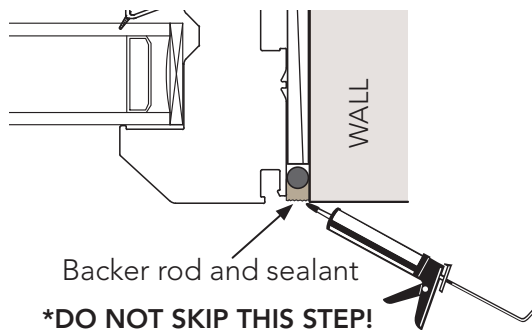
LOW-EXPANDING FOAM - ALIGNMENT CHECK



(Figure D.1)

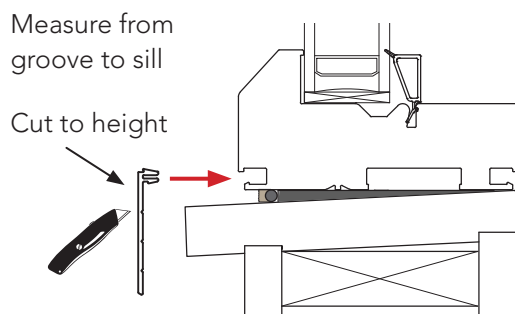
- 1 Install hole plugs into all jamb screw locations.
- 2 Insulate by using an AAMA approved ASTM C1620 low-expanding foam to fill all cavities between frame and opening. **Over use of low-expanding foam may cause frame to bow.** (Figure D.1)

SEAL EXTERIOR FRAME TO WALL JOINT



(Figure D.2)

OPTIONAL SILL EXTENDER



(Figure D.3)

- 3 Apply caulking to seal the **EXTERIOR** window frame to wall joint. Use backer rod if needed. **DO NOT SKIP THIS STEP.** (Figure D.2)
- 4 If optional **sill extender** is to be used, measure distance from sill accessory groove to existing sill or edge of rough opening. Cut fin to height required and install. **DO NOT** install until foam has fully cured. (Figure D.3)
- 5 If **MasterFit™ Trim** is ordered, **DO NOT** nail trim to jamb extension. Refer to QR code on back for measuring assistance.



TROUBLESHOOTING & TIPS

PROBLEM	CAUSE	SOLUTION
Frame racked or out of square	Improper or no shims.	Re-shim window unit per this instruction.
Sill bowed up	1. Over insulated below sill. 2. Installing sill extender before foam below sill has cured. 3. Exterior trim is tight against window, not allowing for vinyl expansion in the heat. 4. Jamb side shims placed too close to bottom of unit, not allowing for vinyl expansion in the heat. 5. Insufficient shimming under jambs when foam wrap is used under sill.	1. Remove foam. Re-square and level window unit. Refer to this instruction for proper insulation procedure. 2. Remove sill extender and foam below sill. Re-foam and let cure completely before re-installation of sill extender. 3. Refer to "Installing Exterior Veneers to Windows" QR code at end of this instruction 4. Remove shims at bottom sill locations. Shim per this instruction. 5. Re-shim window unit per this instruction.
Condensation is present on inside or outside glass of window	Various normal conditions/reasons.	Refer to "Condensation, Humidity and Dew Point Temperature" QR code below for a detailed explanation of normal condensation conditions.

****Please call Customer Support for additional installation inquiries at 1-800-669-4711.***

****For additional information and helpful videos, SCAN or TAP the QR Codes.***

VISIT OUR INSTALLATION SUPPORT HOMEPAGE



Measuring Instruction
MasterFit™ Trim



Installing Exterior Veneers
to Windows



Condensation, Humidity and
Dew Point Temperature

