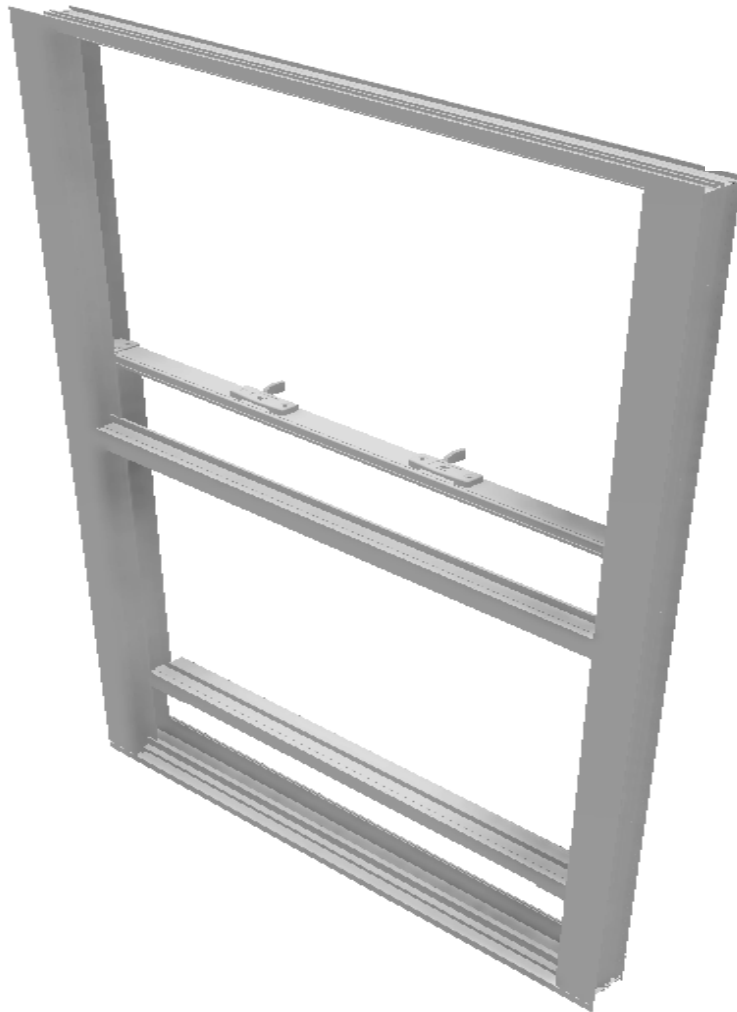


PLEASE REVIEW COMPLETELY BEFORE STARTING INSTALLATION

VISTA VIEW

HIGH PERFORMANCE DOORS & WINDOWS

SINGLE HUNG WINDOW INSTALLATION GUIDE



STEP 1: UNPACK WINDOW PACKAGES AND VERIFY CONTENTS

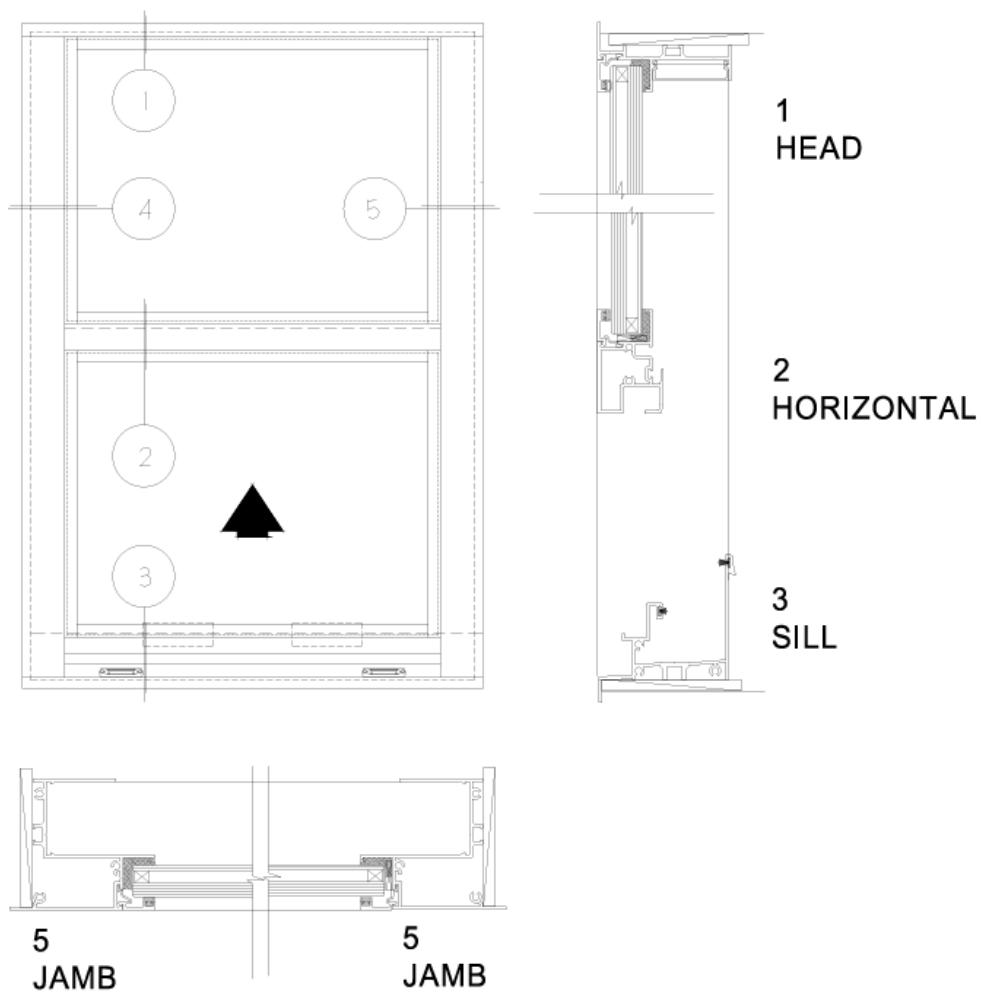
Upon receipt of your Single Hung Window, unpack all window packages and verify that the following items are present:

- Frame
- Vent
- Hardware Box
- Covers

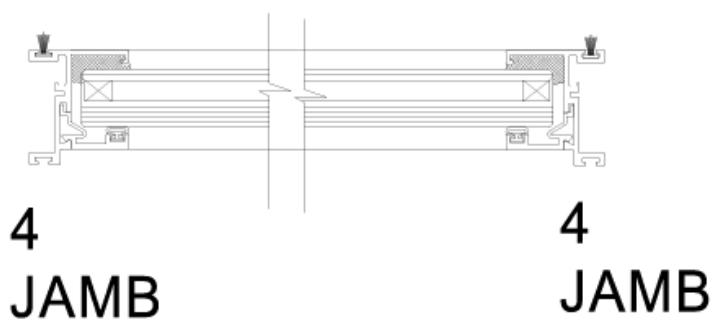
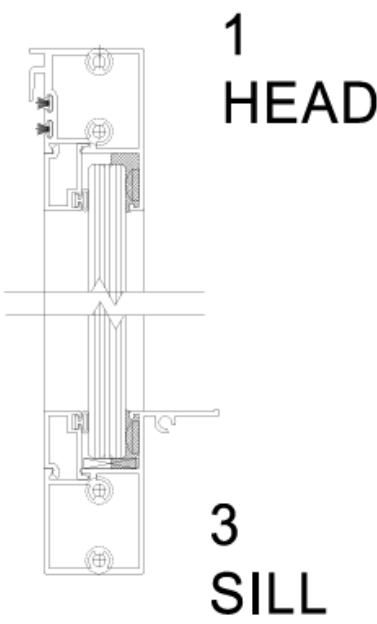
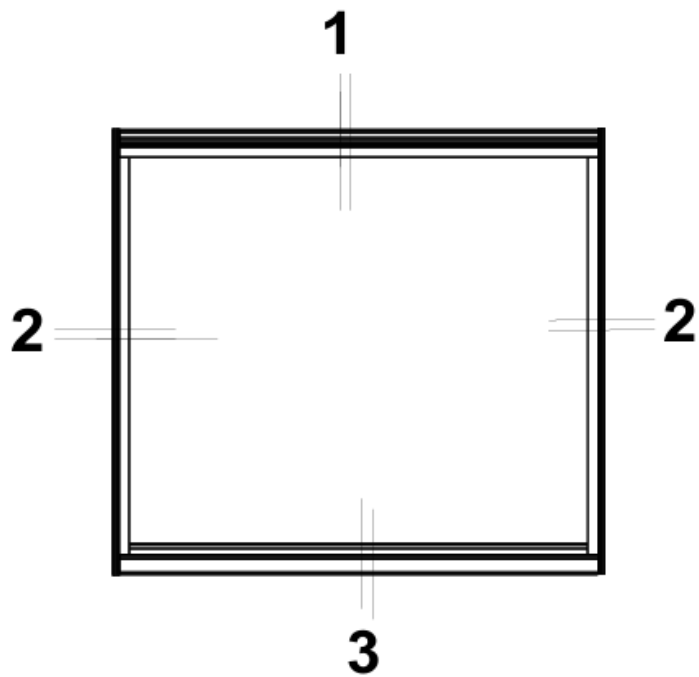
PART DRAWINGS AT-A-GLANCE

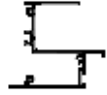
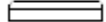
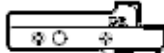
The following components are included with your Single Hung Window. Familiarize yourself with each part prior to beginning installation.

FRAME



VENT



PROFILE	PART #	DESCRIPTION	PROFILE	PART #	DESCRIPTION
	SMI-851	FRAME SILL		SMI-W09	WOOL PILE
	SMI-852	FRAME HEAD		SMI-W10	WOOL PILE
	SMI-853	FIXED INTERLOCK		SMI-B02	T-SLOT BULB GASKET
	SMI-854	FRAME JAMB		SMI-B09	SETTING BLOCK
	SMI-855	VENT INTERLOCK		SMI-P14	TOP GUIDE
	SMI-856	VENT BOTTOM RAIL		SMI-P15	INNER BOTTOM GUIDE
	SMI-857	VENT SIDE RAIL		SMI-P16	OUTER BOTTOM GUIDE
	SMI-858	GLAZING BEAD FOR 7/16" GLASS		SMI-P20	END COVER HANDLE R&L
	SMI-859	GLAZING BEAD FOR 11/16" GLASS		SMI-P31	TOP COVER GUIDE R&L
	SMI-860	HEAD SCREW COVER		SMI-P32	BOTTOM COVER GUIDE
	SMI-861	JAMB SCREW COVER			#8 X 1/2" FH PH SMS ST/ST SWEEP LOCK SCREW
	SMI-862	HIGH RISE FRAME SILL			#8 X 1" FH SMS ULTRA LIFT SCREW
					ULTRA LIFT 670

TOOLS, FASTENERS AND SEALANTS REQUIRED

The following tools and materials will be required to complete the installation:

Fasteners

- 1/4" Diameter Ultracon, if installing into a masonry (min. penetration 1-1/4")
- #14 into a wood frame (min. penetration 1 3/4")

Sealants

- High-performance silicone or polyurethane for perimeter seal, screws, and joints
- Clear silicone for sealing sill riser joints

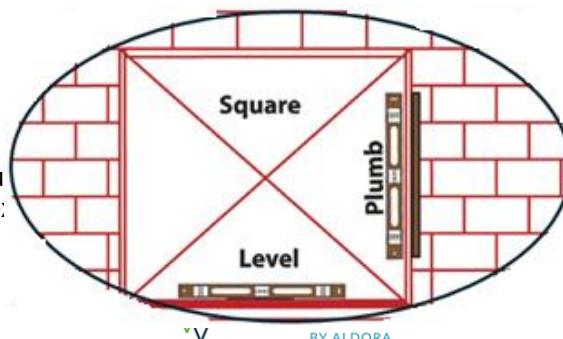
Tools

- 6' Level
- Torpedo Level
- String Line
- Tape Measure
- Framing Square
- Laser Level (required for 90- and 135-degree corner doors)
- Hammer Drill with multiple drill bits (for masonry installations)
- Screw Gun / Impact Driver
- #3 Phillips Screwdriver
- #2 Square Drive Bit (for assembling head and sill bumpers)
- Small Flat Head Screwdriver (for adjusting locks)
- #2 or larger Flat Head Screwdriver (for installing handles)
- Glass Suction Cups (required for installing large panels)
- Rubber Mallet(s)
- 2x4 Block of Wood
- Plastic, Nylon, or Composite Shims — wood shims are NOT permitted

STEP 2: PRE-INSTALLATION INSPECTIONS

- Unpack the window, set the window in a vertical position on the floor. Unlock the sash and open and close the vent. Verify the vent move easily, if the vent does not move properly, DO NOT install the window, ask for warranty before install.
- Verify that the rough opening is square, level, plumb, and true. Notify the general contractor to remedy any discrepancies prior to proceeding.

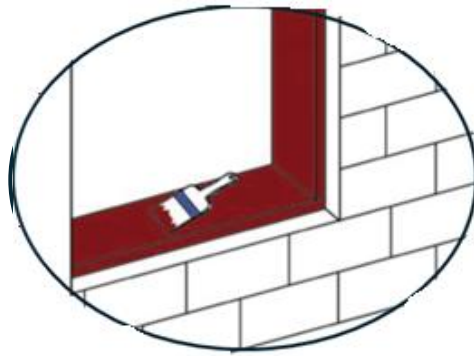
- Apply CMU sealer (liquid) onto the face of the exterior masonry opening, returning 10" from the rough opening with a CMU sealer to



the masonry opening, returning 10" from the rough opening with a CMU sealer to

Page 5 of 11

prevent the window cavity from absorbing water. This application must be completed before the installation of the buck materials.

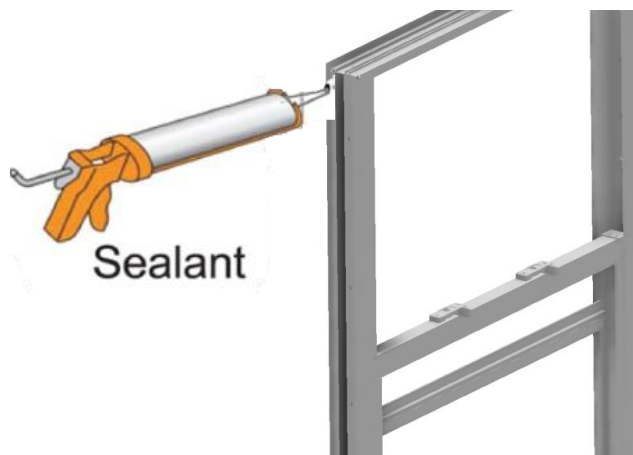


STEP 3: WINDOW INSTALLATION

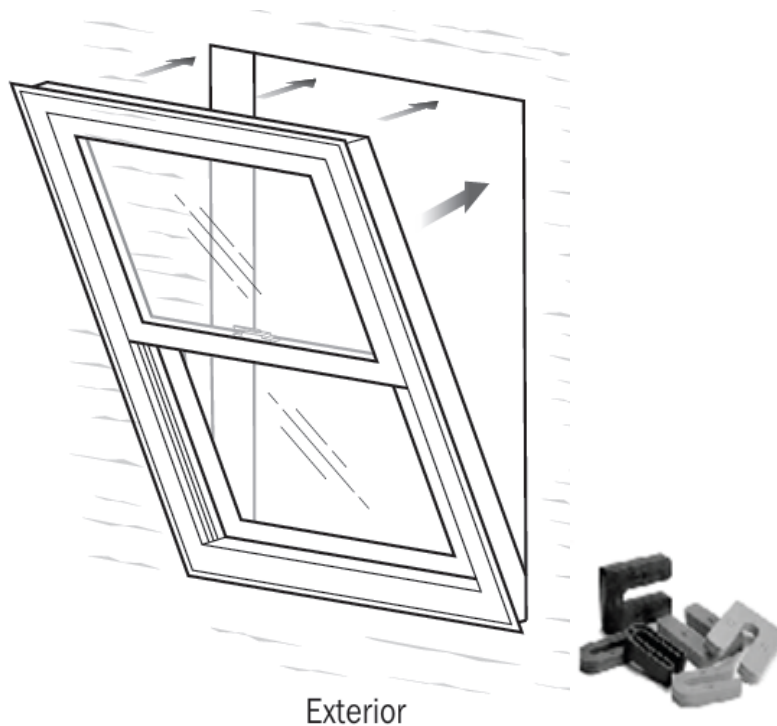
All Vista View products must be installed with sealants applied in such a way as to ensure a weather-tight product. Vista View recommends the use of a high-quality polyurethane or silicone sealant that complies with ASTM C 920 Class 25 NS Specifications.

- d. Set the window into the opening.
- e. Ensure that there is no more than 1/4" shim space at the sides, top and bottom of the window, unless job-specific engineering qualifies otherwise. Use ONLY plastic, nylon, or composite shims.
- f. Remove the window from the opening once proper spacing is verified.
- g. Clean all ends of the head, jamb, and sill (any area that sealant will contact) with denatured alcohol.
- h. Apply a continuous bead of sealant to the back side of the flange around the window on the interior surface.
- i. Alternatively, sealant may be applied to the frame opening at the point where the back side of the window flange will make contact with the perimeter seal.

When wood bucks are used, all members must be pressure- or chemically-treated. Apply a 3/8" bead of sealant under the buck material to ensure a weather-resistant barrier. The buck materials must be installed in such a manner that all gaps between the buck and the structure are fully sealed.



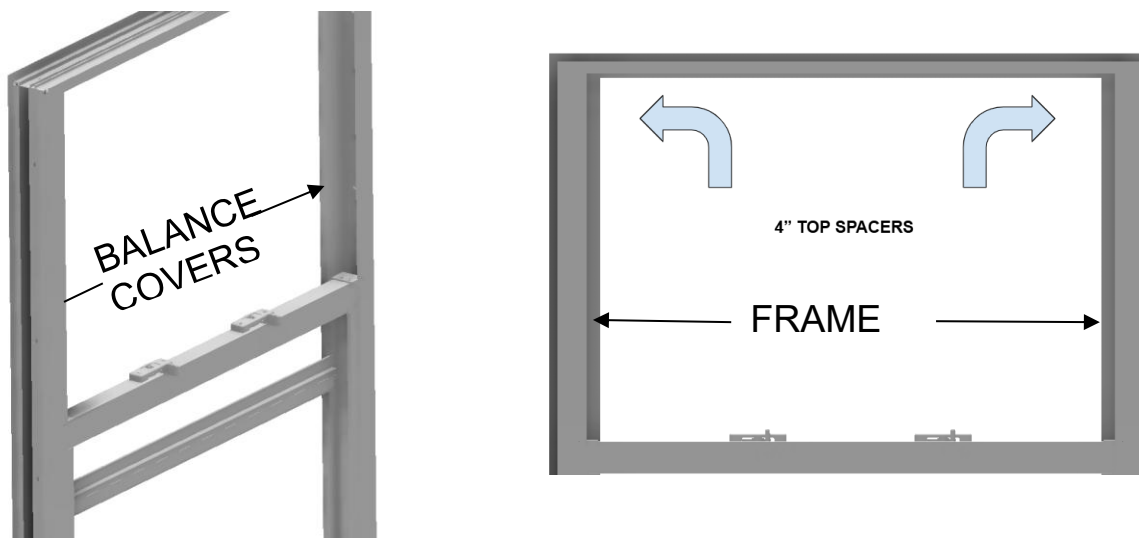
- j. Immediately set the window into the opening, being sure not to disrupt the continuous seat.
- k. Shim level from front to back and end to end. Shims must be installed at all fastener locations. **NOTE: Multiple, twin, or triple windows should have a shim under each mullion.**
- l. **Ensure that the entire window is plumb, level, and square before proceeding.**
- m. Install appropriate fasteners in all factory pre-punched holes using shims at all fastener locations to eliminate excess gaps.
- n. When installing the mounting screws, remember not to apply excessive torque, so as to avoid bending the frame jamb; this causes deformations in the frame that result in improper window operation and void the warranty.



Fill all drilled holes with appropriate sealant before installing fasteners to ensure a watertight barrier.
• Wood Substrate: Minimum penetration into wood is 1-3/4". • Masonry Substrate: Minimum penetration into masonry is 1-1/4". • Concrete Substrate: Minimum penetration is 1-3/4".

- o. Lower the sash and slide down the balance covers, thereby gaining access to the upper installation holes.
- p. Plumb the frame jambs with a level and fasten one top corner. Check the diagonals to make sure the frame is square. Fasten the opposite top corner.
- q. Double-Check ... Using a straight edge, or laser to ensure the frame is straight on all four sides.
- r. Install remaining fasteners, raising and lowering the sash as necessary, into each factory pre-drilled hole.
- s. Seal all installation anchors with small joint seam sealant during installation of anchor.
- t. Apply sealant in countersink before anchor installation. Seal anchor head after anchor installation.
- u. Shims should be used at all fastener locations around the frame. **NOTE: These shims should fill the gap without being loose or deforming the frame. Be sure to not over tighten the fasteners.**
- v. Close the window and lock it using the two sweep locks located on top of the moving sash.
- w. Install the screw cover at head, be sure to snap completely.
- x. Install the balance covers at both sides of the window, be sure to snap completely.
- y. Install the 4" Top plastic spacer at the upper right and left corners, snapping into the jambs.

The sashes are installed and checked for proper operation prior to shipment. When there are operating problems, it is either the result of parts not being correctly re-installed during the installation process or the frame not being installed level or square. In this event, diagnose the problem and adjust accordingly.

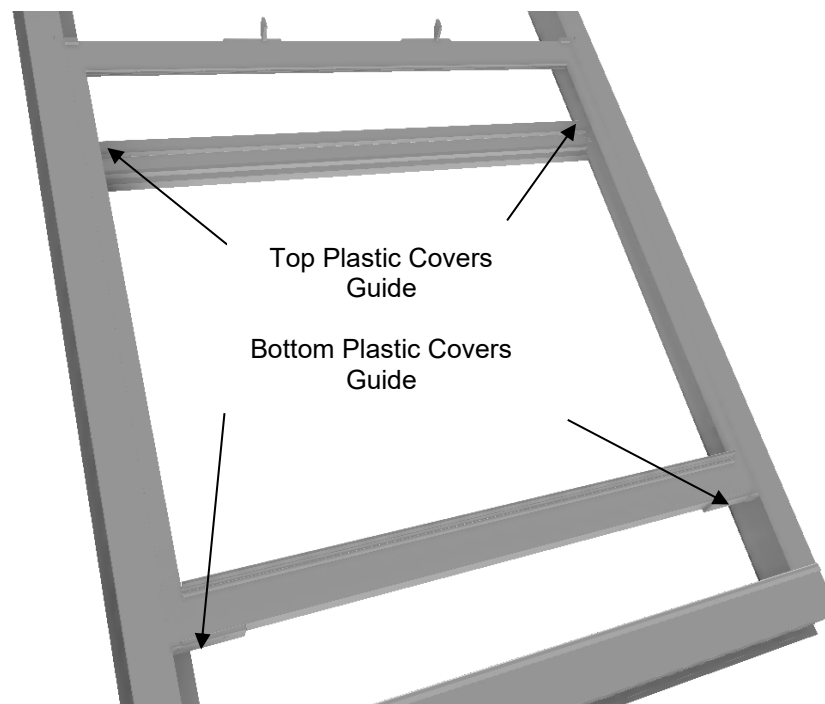


DO NOT BLOCK OR RESTRICT WEEP HOLES IN ANY WAY. If weep holes are blocked, the window can leak water over the interior sill riser.

STEP 4: SASH REMOVAL - ONLY SPECIAL CASES

In special cases where the operational sash needs to be removed, these easy steps can be followed:

- z. Close the sash (Vent) with a lock.
- aa. Remove the top spacers that are snapped into the jamb at each side of the frame.
- bb. Remove the balance covers that are snapped into the jamb at each side of the frame.
- cc. Remove the upper plastic guide covers at top of the sash (vent), using a manual screw driver.
- dd. Unlock the sash and open the vent slowly and completely to the top, the balances set the limit.
- ee. Remove the bottom plastic guide covers at the bottom of the sash (vent), using a manual screw driver.



- ff. Block the sash with a piece of wood or hard plastic to prevent the sash fall, when lose the balances.
- gg. Remove the metal brackets from the bottom of the sash (vent), using a manual screw driver.
- hh. With another person carrying the weight of the window, lift the sash up three (3) to four (4) inches.
- ii. Remove the sash by sliding it either toward the left or right jamb until there is enough clearance on the opposite side to take out. This will be removed from the interior.
- jj. **To reinstall the sash, reverse these steps that were used in order to remove it.**

STEP 5: SCREEN INSTALLATION

- kk. Open the window completely, sash up.
- ll. Install the screen(s) onto the screen tracks. A standard screen rides on the screen track adapter. The screen can be installed from inside and outside.

STEP 6: PERIMETER SEALANTS

- mm. Install backer rod and exterior perimeter sealants as specified to ensure a watertight condition. Vista View recommends that all products be sealed and installed with a high-quality polyurethane or silicone sealant that complies with ASTM C 920 Class 25 NS Specifications.
- nn. Confirm that all exterior weep holes are free and unobstructed.



MAINTENANCE & CARE GUIDELINES

All Vista View Sliding Hung Window are engineered for minimum maintenance requirements.

Plastic Guides

Because of the special plastic, no lubrication is required under normal conditions. A normal clean is necessary.

Locking Mechanism

The locking mechanism does not need lubrication. A light oil lubricant or silicone spray may be used to keep the thumb turn operating smoothly.

Glide Tracks

The glide tracks should be cleared of dirt and debris periodically. Inspect them visually to determine the appropriate frequency based on your environment.

Exterior Surfaces

The exterior surfaces of windows, and glass should be washed with a mild cleaning solution of detergent and water. In coastal conditions, panels must be cleaned monthly. In non-coastal areas, cleaning a minimum of twice per year is required.

DO NOT USE RAZOR BLADES TO CLEAN GLASS on Vista View Sliding Glass Doors

Should parts need to be replaced, contact your local Vista View dealer.

www.vistaviewwindows.com

Vista View Incorporated reserves the right to change materials, design, and/or construction without notice or liability.

Warning: Proper installation procedures are necessary to ensure the performance of this product. Failure to follow recommended installation procedures may result in voiding the warranty. Refer to the installation instructions included with this product.