

**PLEASE REVIEW COMPLETELY BEFORE STARTING INSTALLATION**

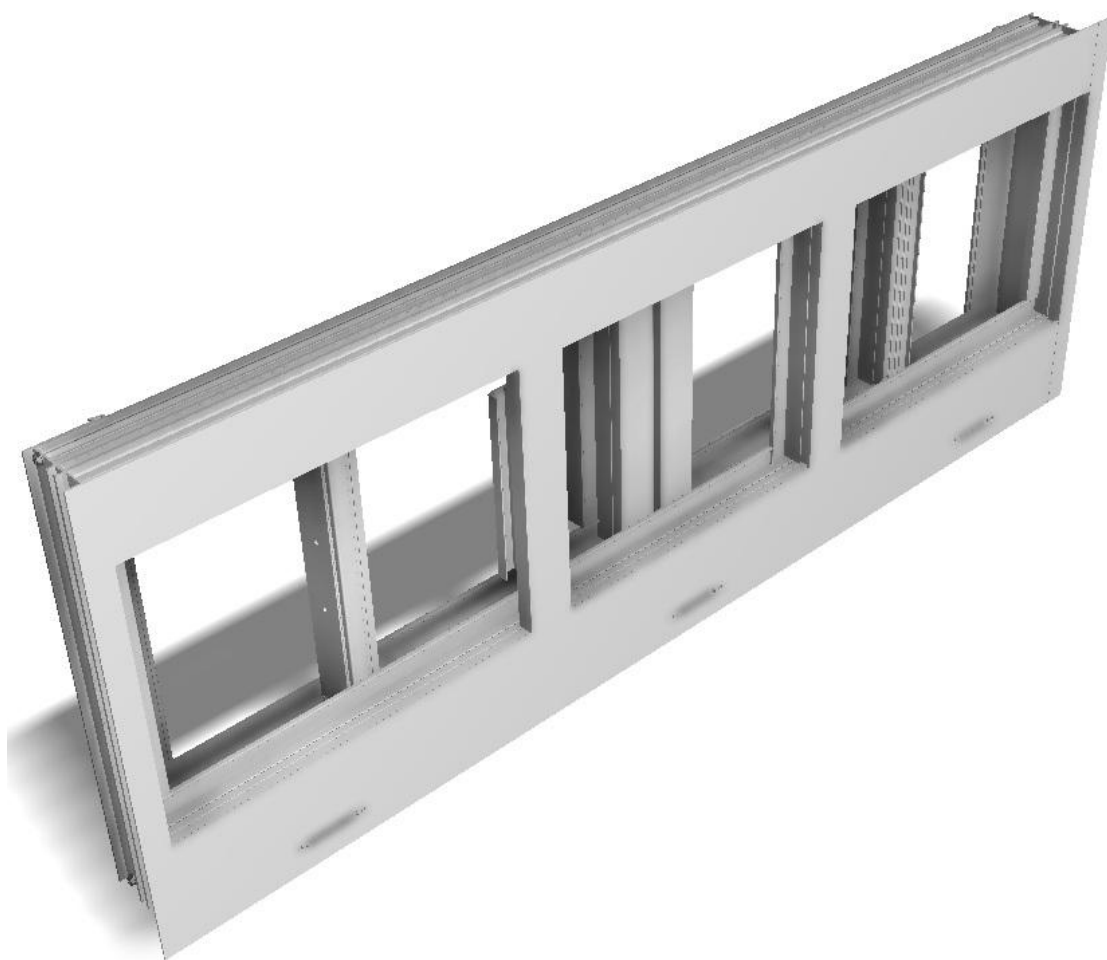
# **VISTA VIEW**

HIGH PERFORMANCE DOORS & WINDOWS

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## **HORIZONTAL SLIDING WINDOW INSTALLATION GUIDE**

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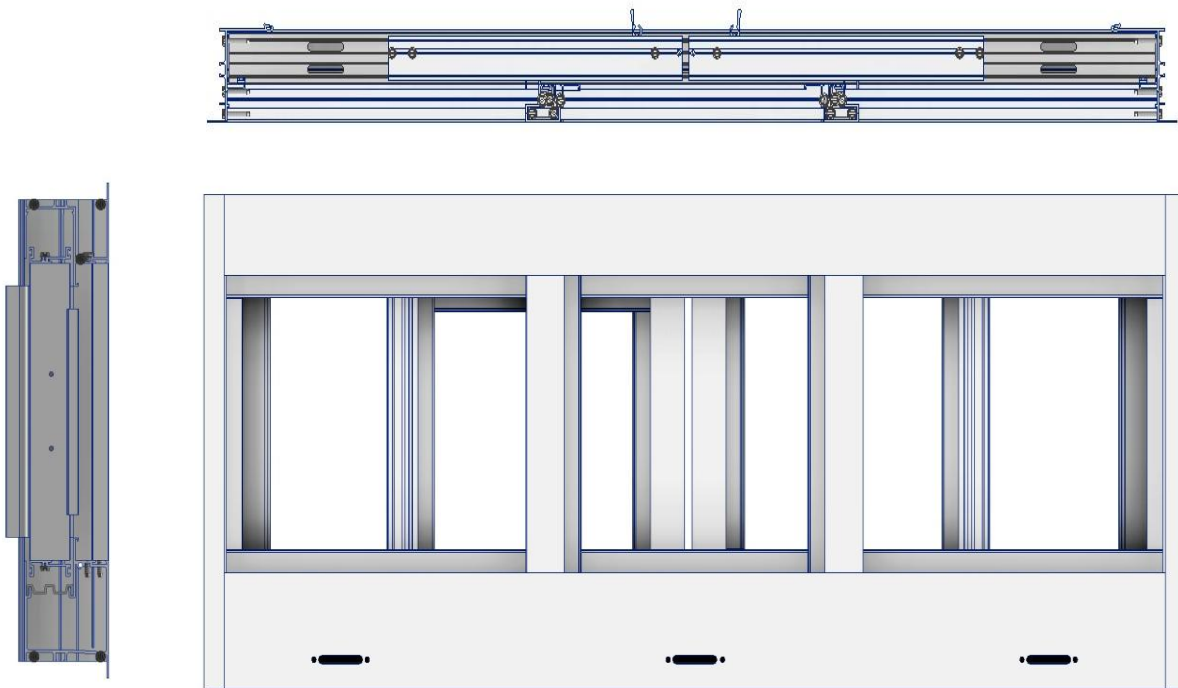
## **STEP 1: UNPACK WINDOW PACKAGES AND VERIFY CONTENTS**

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

- Frame
- Vent or Vents
- Hardware Box
- Covers

## **PART DRAWINGS AT-A-GLANCE**

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



| PROFILE                                                                             | PART #  | DESCRIPTION                   | PROFILE                                                                             | PART #  | DESCRIPTION                    |
|-------------------------------------------------------------------------------------|---------|-------------------------------|-------------------------------------------------------------------------------------|---------|--------------------------------|
|    | SMI-853 | FIXED INTERLOCK               |    | SMI-870 | SHEAR CLIP                     |
|    | SMI-854 | FRAME JAMB                    |    | SMI-871 | LARGE FRAME JAMB AT FIXED SIDE |
|    | SMI-855 | VENT INTERLOCK                |    | SMI-W09 | WOOL PILE                      |
|    | SMI-856 | VENT BOTTOM RAIL              |    | SMI-W10 | WOOL PILE                      |
|    | SMI-857 | VENT SIDE RAIL                |    | SMI-B09 | SETTING BLOCK                  |
|    | SMI-858 | GLAZING BEAD FOR 7/16" GLASS  |    | SMI-P20 | END COVER HANDLE R4L           |
|    | SMI-859 | GLAZING BEAD FOR 11/16" GLASS |    | SMI-P28 | HSW HOUSING                    |
|  | SMI-860 | HEAD SCREW COVER              |  | SMI-P29 | HSW TOP GUIDE                  |
|  | SMI-863 | FRAME SILL STD.               |  | SMI-P30 | HSW WHEELS                     |
|  | SMI-864 | FRAME SILL HIGH RISE          |                                                                                     |         |                                |
|  | SMI-865 | SILL TRACK                    |                                                                                     |         |                                |
|  | SMI-866 | FRAME JAMB VENT SIDE          |                                                                                     |         |                                |
|  | SMI-867 | FLUSH FRAME ADAPTOR           |                                                                                     |         |                                |
|  | SMI-869 | FRAME JAMB FIXED SIDE         |                                                                                     |         |                                |

## 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 masonry (min. penetration 1-1/4")
- #14 into wood frame (min. penetration 1 3/4")

### Sealants

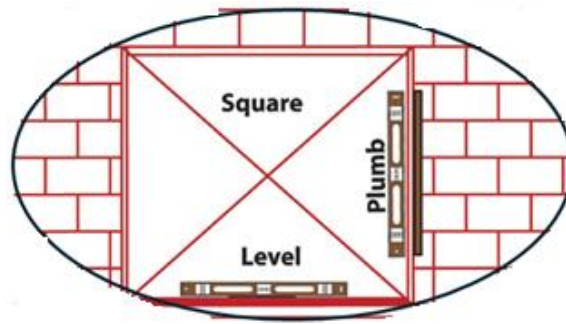
- High-performance silicone or polyurethane for perimeter seal, screws, and joints
- Clear silicone for sealing sill riser joints

### Tools

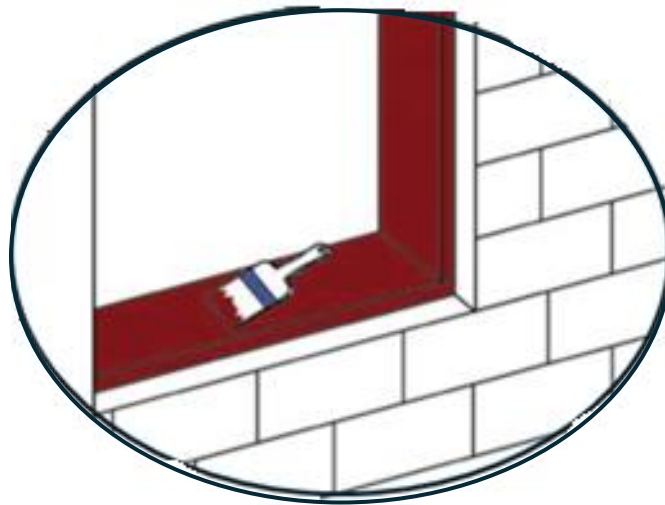
- 6' Level
- Torpedo Level
- String Line
- Tape Measure
- Framing Square
- Laser Level (required for 90- and 135-degree corner doors)
- Hammer Drill with multiple drill bits (for masonry installations)
- Screw Gun / Impact Driver
- #3 Phillips Screwdriver
- #2 Square Drive Bit (for assembling head and 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

- a. **UNPACK WINDOW PACKAGES AND VERIFY CONTENTS:** Upon receipt of your Horizontal Sliding Window, unpack all window packages and verify that the following items are present: **Frame; Vents Hardware Box; Covers.**
- b. Set the window in a vertical position on the floor or flat surface. 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 Vista View for customer support before install.
- c. Verify that the rough opening is square, level, plumb, and true. Notify the general contractor to remedy any discrepancies prior to proceeding.



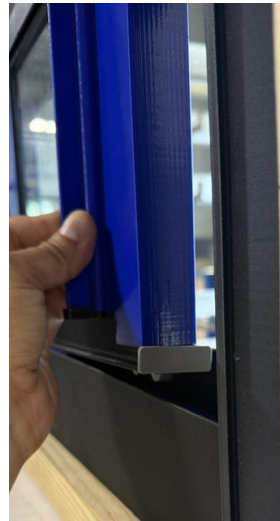
- d. Apply CMU sealer (liquid-applied waterproof coating) to all four sides of the masonry opening, returning 10" onto the face of the exterior CMU. The installer must treat the masonry opening with a CMU sealer to prevent the window cavity from absorbing water. This application must be completed before the installation of the buck materials.



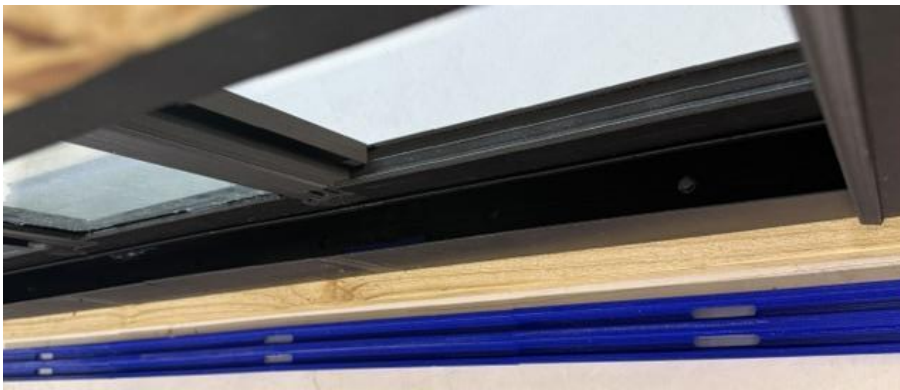
### STEP 3: WINDOW INSTALLATION

**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.**

- e. Remove the vent or vents from the window frame using a Glass Suction Cup. With the suction cup attached in position, move up the vent (lift the vent) and take it out from the bottom side, be careful not hit or brake the wheels, then take out all vent and put on the floor in a straight position, with the wheels on the floor. Repeat this action with all vents. **Note: For your safety, if the panels are big don't do this action alone.**



- f. Now remove the track from the sill using a tool, starting for a corner, please be careful not to break the gaskets and wool piles at the sill and jamb.



Sill

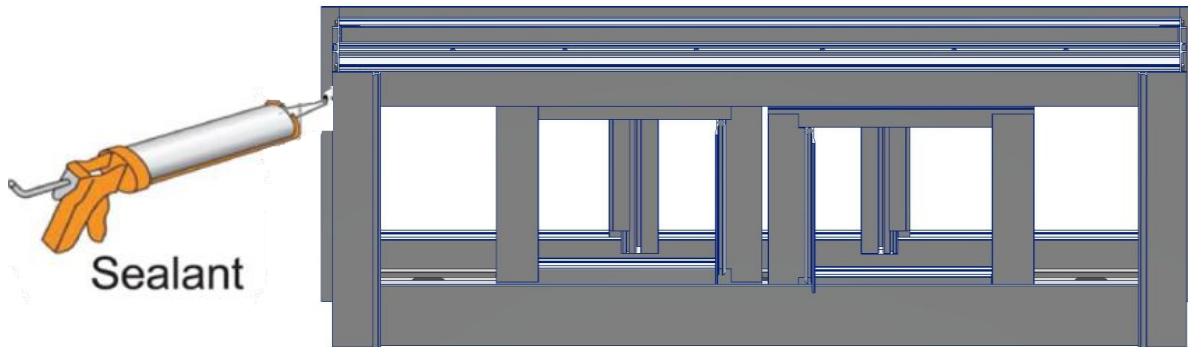
Track

- g. Set the window frame into the opening.  
h. 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.



- i. Remove the window from the opening once proper spacing is verified.

- j. Clean all ends of the head, jamb, and sill (any area that sealant will contact) with denatured alcohol.
- k. Apply a continuous bead of sealant to the back side of the flange around the window on the interior surface.
- l. 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.**

- m. Immediately set the window into the opening, being sure not to disrupt the continuous seat.
- n. Shim level from front to back and end to end. Shims must be installed at all fastener locations.
- o. **Ensure that the entire frame window is plumb, level, and square before proceeding.**
- p. Install appropriate fasteners in all factory pre-punched holes using shims at all fastener locations to eliminate excess gap.

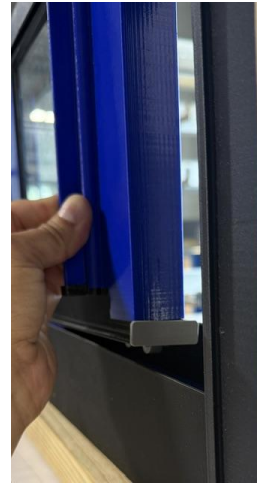
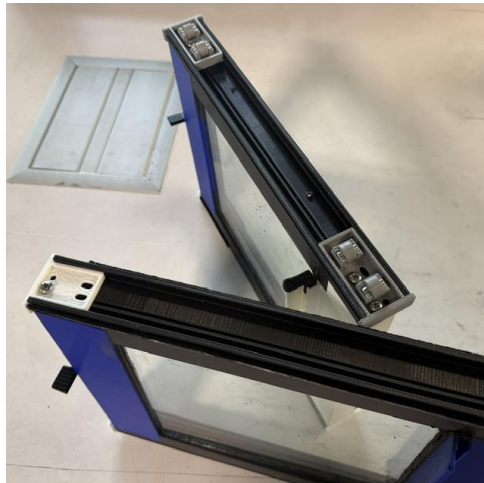
**Fill all drilled holes with appropriate sealant before installing fasteners to ensure a watertight barrier.**

- **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".

- q. Seal all installation anchors with small joint seam sealant during installation of anchor.
- r. Apply sealant in countersink before anchor installation. Seal anchor head after anchor installation.
- s. 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.**
- t. 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.
- u. Double-Check ... Using a straight edge, or laser to ensure the frame is straight on all four sides.
- v. Install the track on the sill, and verify that the gaps at both ends of the track relative to the sill are equal.



- w. Place the vent or vents back into the window, following, in reverse order, the steps you took to remove them. Place the vent or vents back into the window frame by reversing the steps you took to remove them. It is crucial that you fully insert the vent into the head of the frame so that the bottom edge and the rollers fit into the sill; if the vent does not slide in easily, do not force it, verify that it is misaligned before proceeding.



- x. Close the window and lock it using the two sweep locks located on the side of the moving vent.

The vents 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.

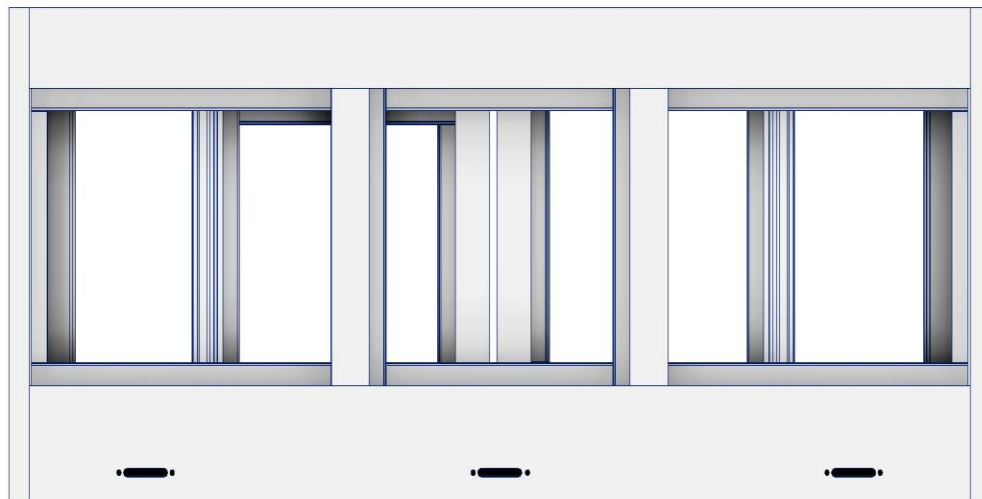
**DO NOT BLOCK OR RESTRICT WEEP HOLES IN ANY WAY. If weep holes are blocked, the window can leak water over the interior sill riser.**

## STEP 4: SCREEN INSTALLATION

- y. Open the window completely.
- z. 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 5: PERIMETER SEALANTS

- aa. 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.
- bb. Confirm that all exterior weep holes are free and unobstructed.



Sealant

## MAINTENANCE & CARE GUIDELINES

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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**

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

**[www.vistaviewwindows.com](http://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.**