

INSTALLATION INSTRUCTIONS

MX-2000



HSEQ REGULATIONS

Read all instructions carefully before attempting this procedure. If you have any questions about your ability to complete this procedure, contact ESWINDOWS for further direction.

If swing stages are required for installation, the HSEQ inspector must approve the permissions.

- Wear the necessary personal protective equipment for product installation.
- Take safety precautions when performing the activity.
- Please follow the steps and make sure you have appropriate personal protective equipment and follow the rules established by the guidance for working at height, if required to do so.

IMPORTANT:

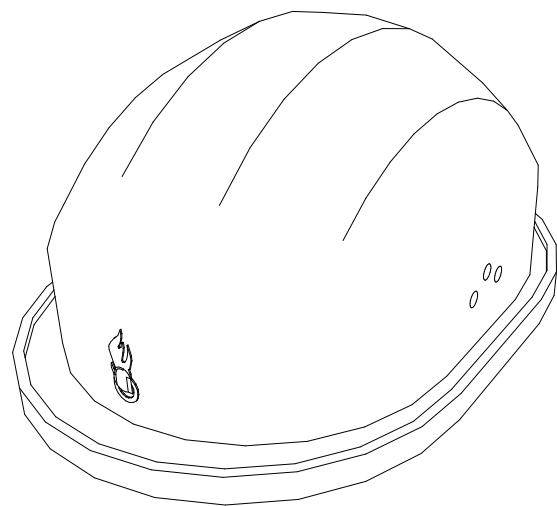
Contractors must have and execute an adequate QA/QC policy to guarantee the product installation is within industry standards and ESW guidelines. Once the product is received in acceptance by the contractor, any damage or installation problems are no longer responsibility of ESWINDOWS.

INTRODUCTION

MX-2000, Sliding glass window systems.

This guide illustrates step by step how to install the system properly.

Prior to installation process check that all parts and materials are in right conditions, verify that the quantities and descriptions the match production drawings.



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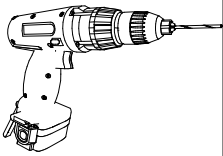

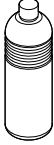
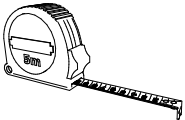

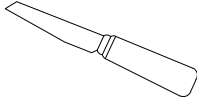
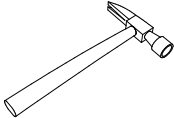
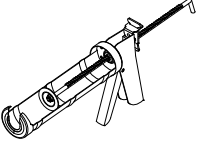
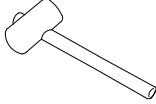
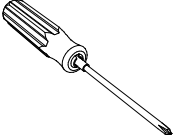

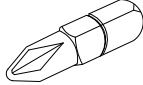
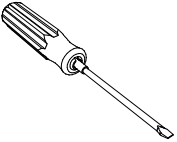
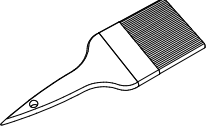
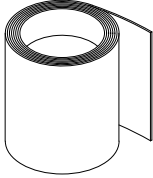
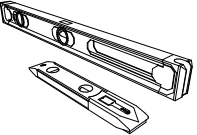
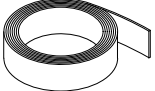
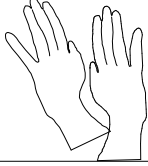
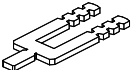
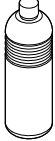

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

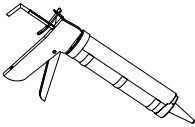
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REVIEW

TOOLS AND SUPPLIES FOR INSTALLATION

| Detail | Description | Detail | Description | Detail | Description |
|---|----------------------|---|-------------------------|---|----------------|
|  | Drill |  | Plumb |  | Thinner |
|  | Measure tape |  | Thread |  | Knife |
|  | Hammer |  | Industrial Silicone gun |  | Mallet |
|  | Phillips screwdriver |  | Bits for concrete |  | Point |
|  | Slot screwdriver |  | Brush |  | Clean rag |
|  | Level |  | Masking tape |  | Safety gloves |
|  | Plastic shims |  | Isopropyl alcohol |  | Safety glasses |

| PARTS REQUIRED FOR INSTALLATION | | |
|--|--|--------------------------------|
| PART | DETAIL | DESCRIPTION |
| ES-2002 |  | SILL TRACK |
| ES-2011 |  | SILL RAISER |
| D.S 791 or equal |  | Weatherproofing sealant |

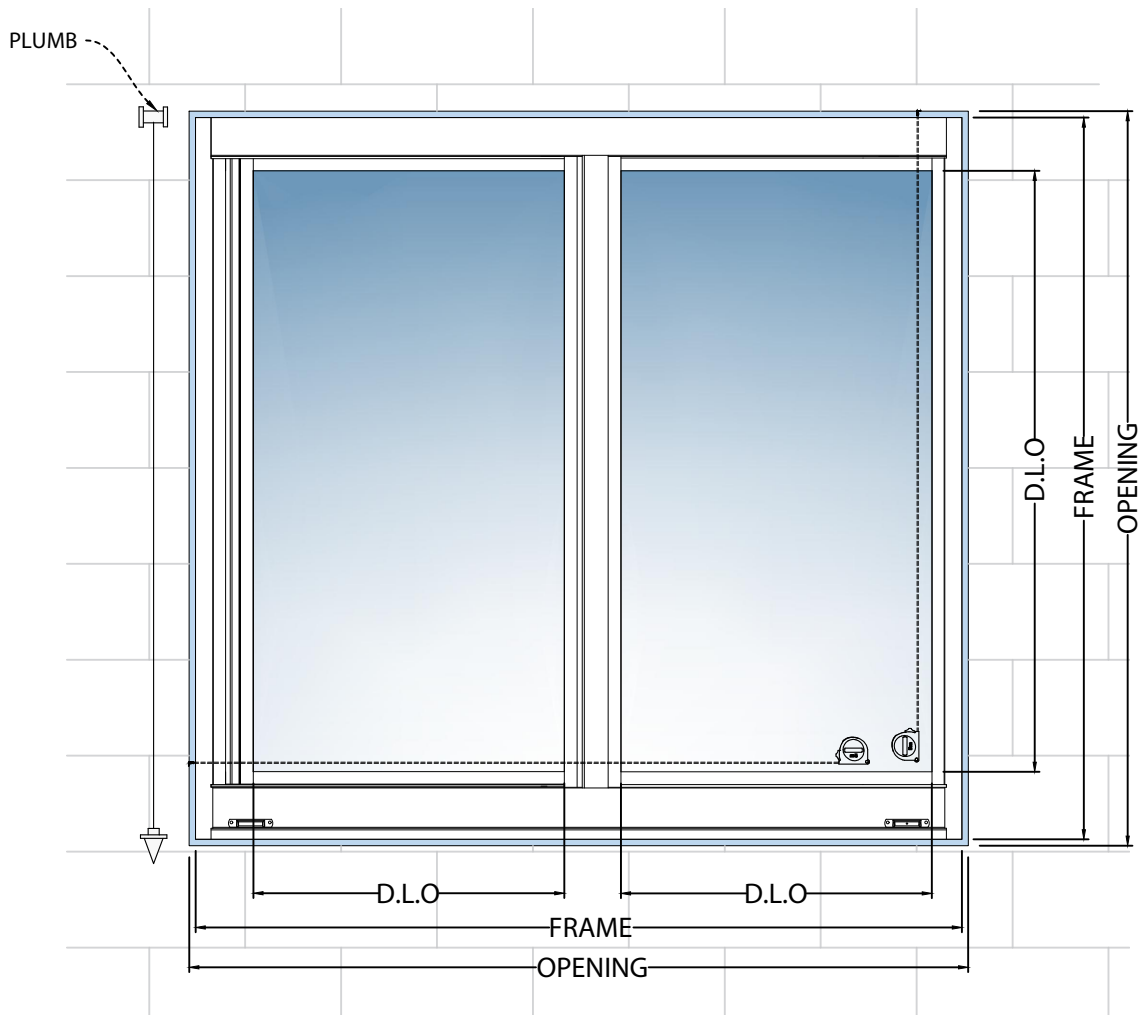


Check the technical manuals and guides by sealant manufacturers to apply silicone correctly.

STEP 1

INSPECTION AND VERIFICATION:

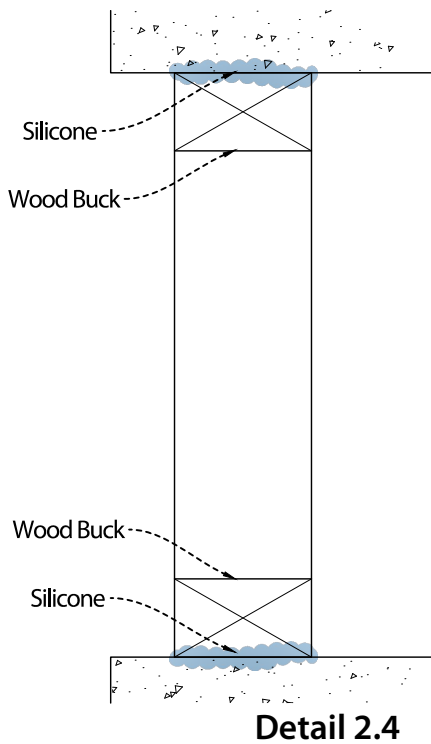
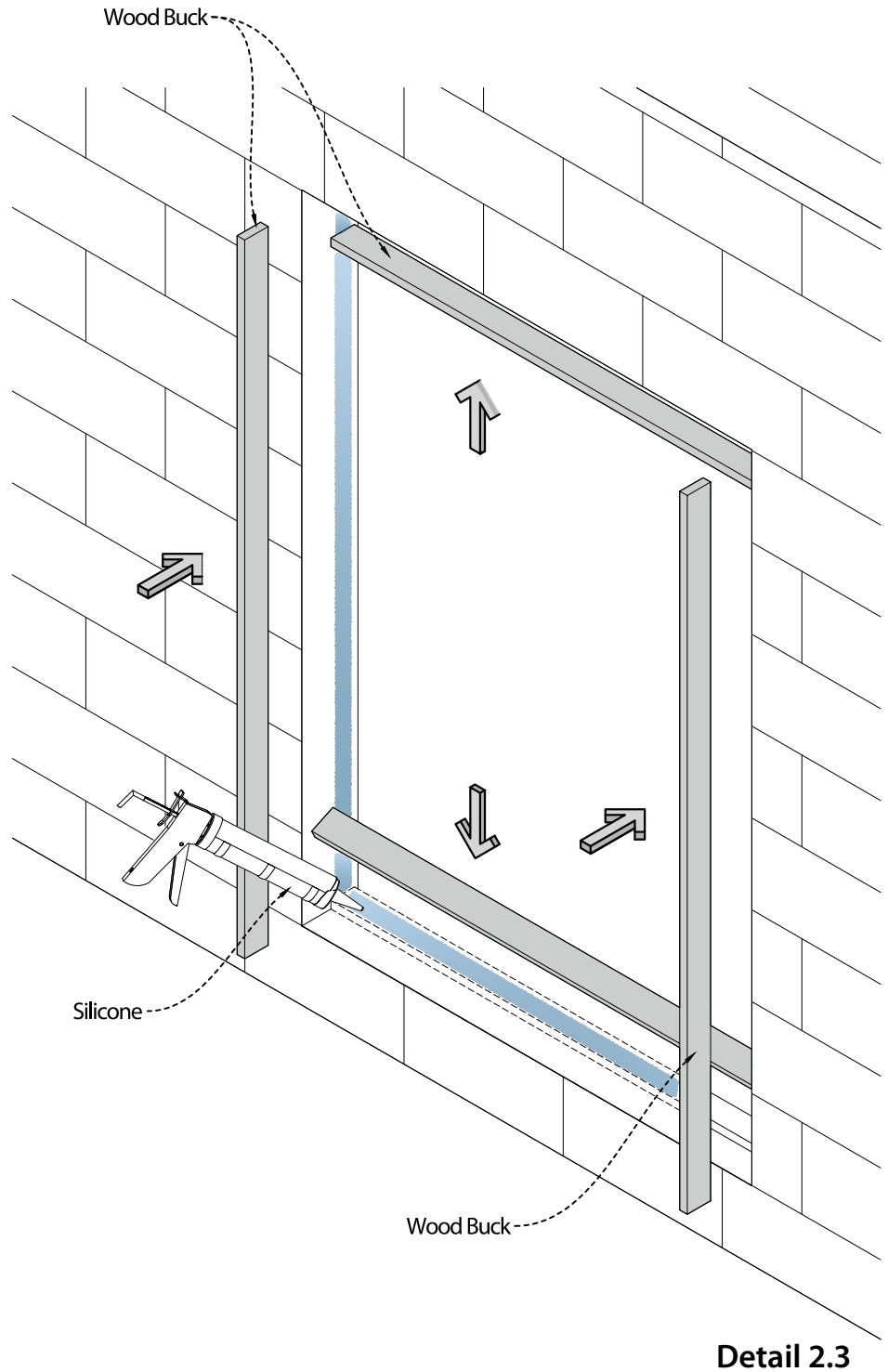
- 1.1 The rough opening should be checked for the correct size as determined by dimensions listed in the architectural specifications and the shop drawings. Measure rough opening in several places to determine variations.
- 1.2 Check all the material upon arrival for quantity and damage.
- 1.3 Remove any debris that interferes with the proper installation of the unit.
- 1.4 If you have any irregularities notify ESWINDOWS.



STEP 2

WOOD BUCKS INSTALLATION:

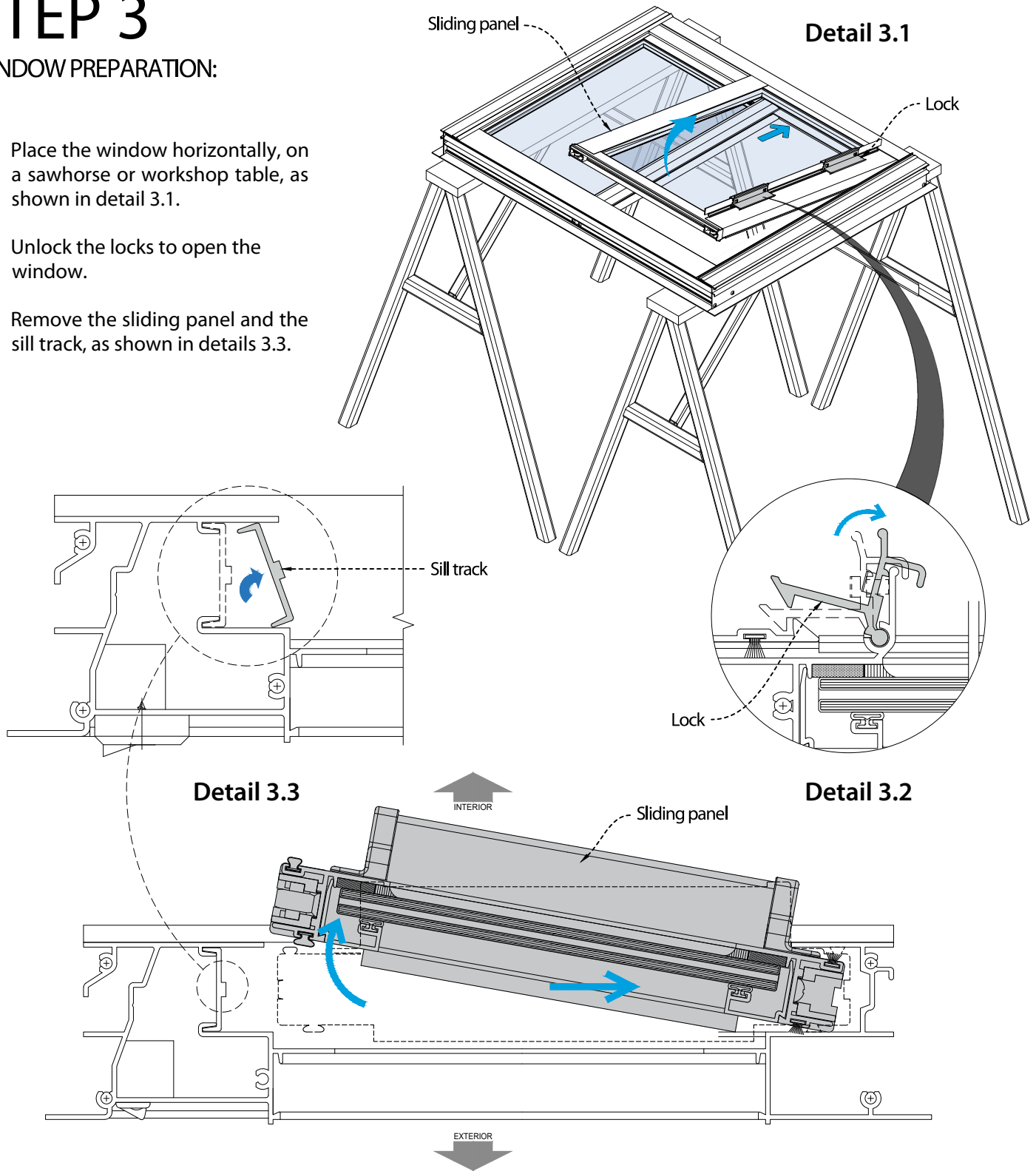
- 2.1. Clean the opening.
- 2.2. Clean wood the faces to be in contact with the opening.
- 2.3. Apply silicone in the perimeter of the opening.
- 2.4. Place the wood bucks as shown in the detail.



STEP 3

WINDOW PREPARATION:

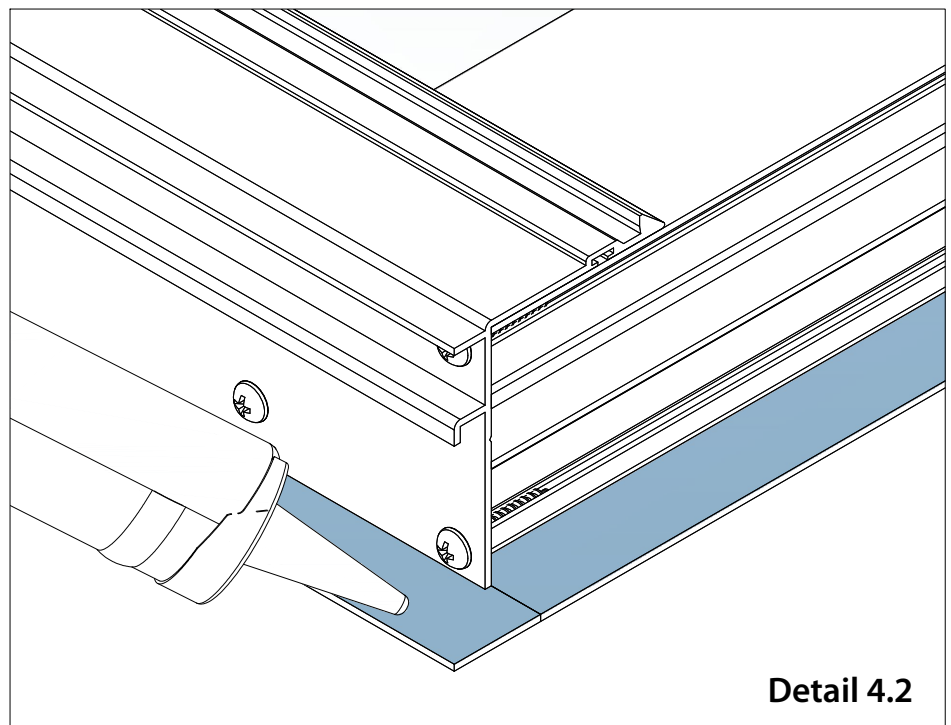
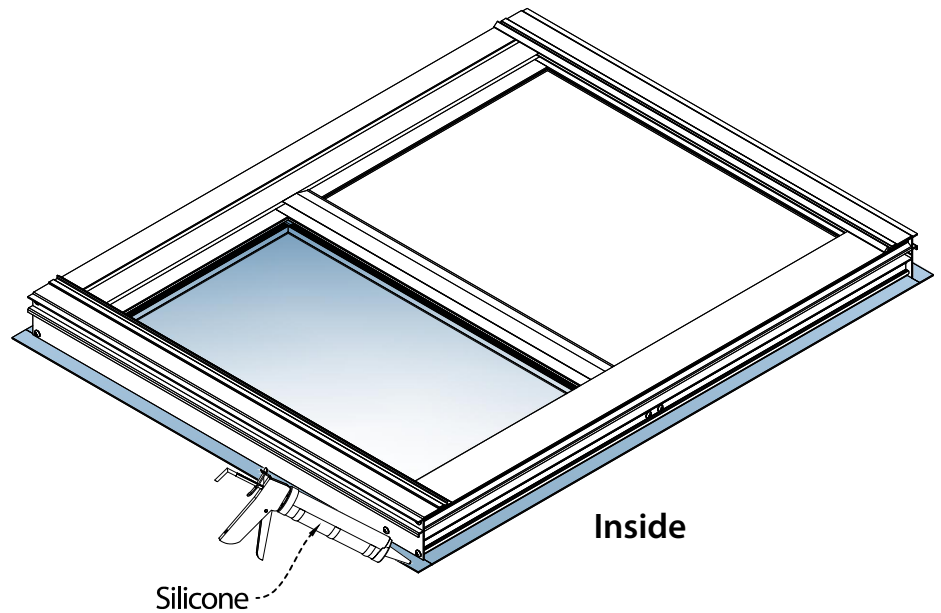
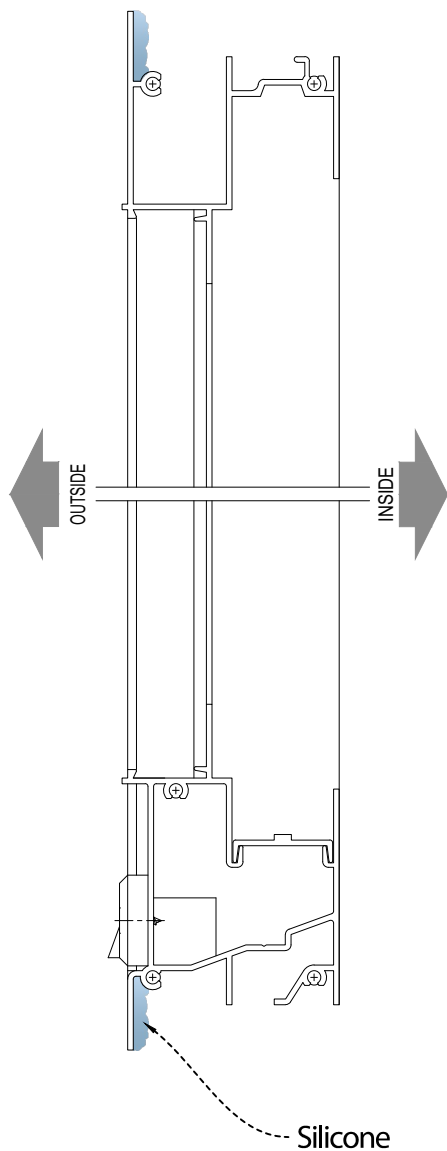
- 3.1. Place the window horizontally, on a sawhorse or workshop table, as shown in detail 3.1.
- 3.2. Unlock the locks to open the window.
- 3.3. Remove the sliding panel and the sill track, as shown in details 3.3.



STEP 4

FRAME SEAL:

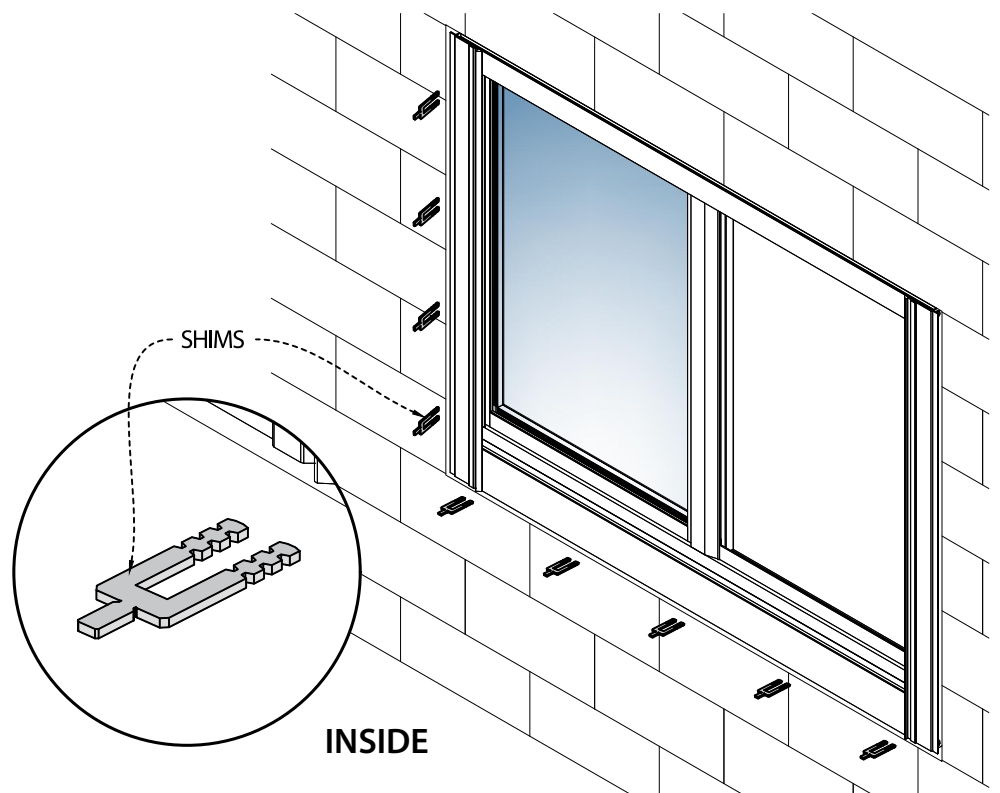
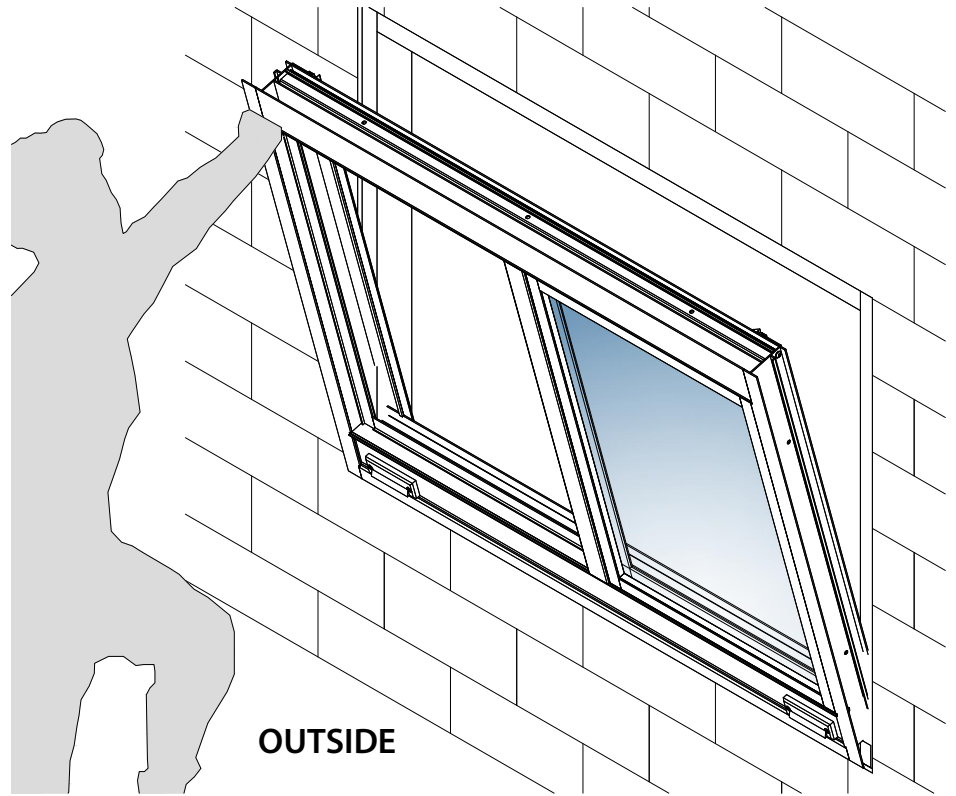
- 4.1. Clean edges of the window.
- 4.2. Apply silicone around the frame as shown in the detail.



STEP 5

INSTALL WINDOW:

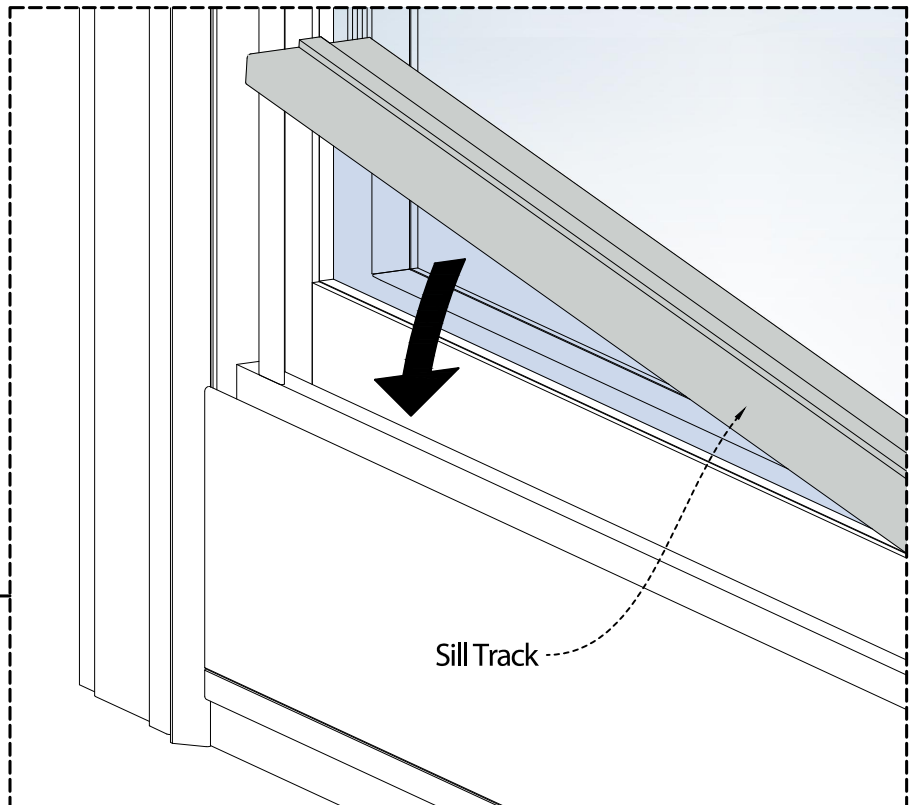
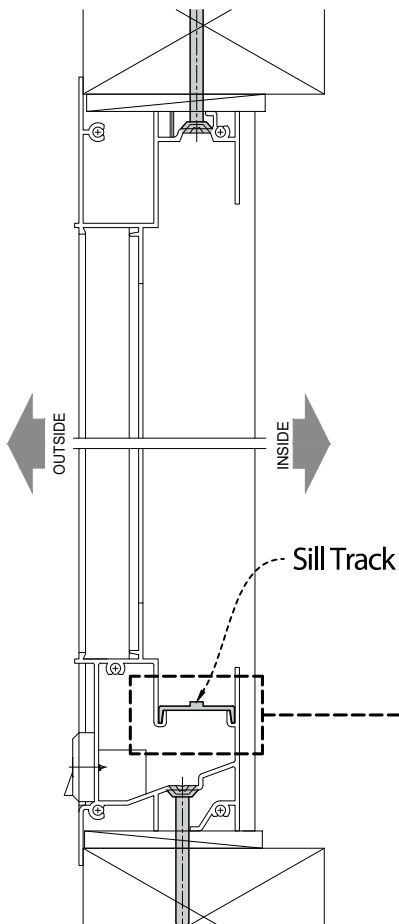
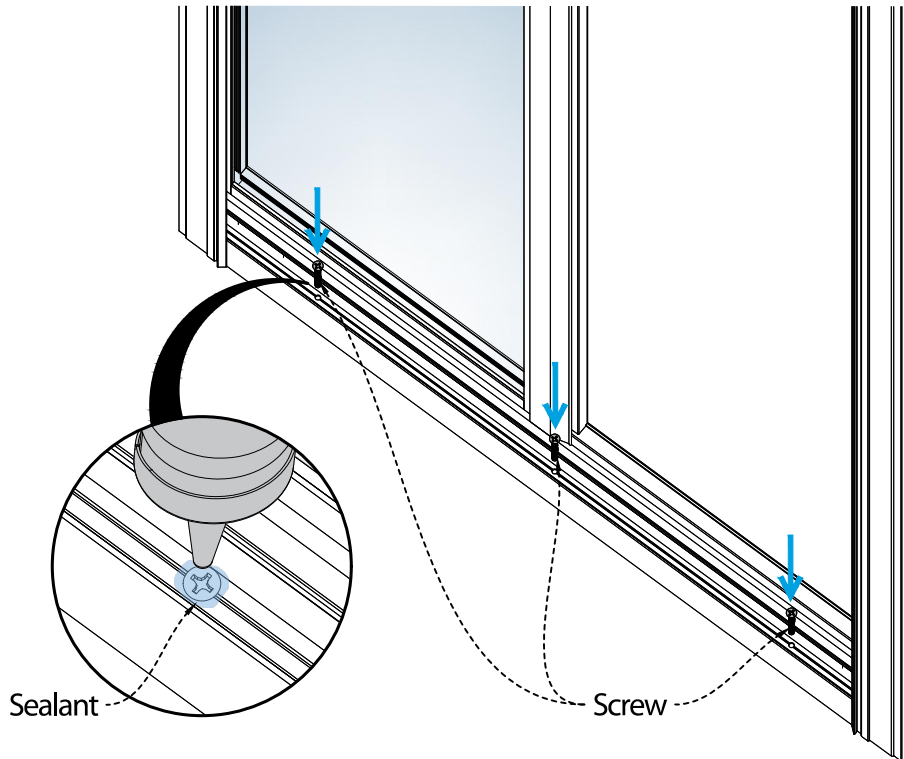
- 5.1. Place the window on the wooden blocks from the outside of the building.
- 5.2. After installing the window, use Shims to level the window from the inside of the building.



STEP 6

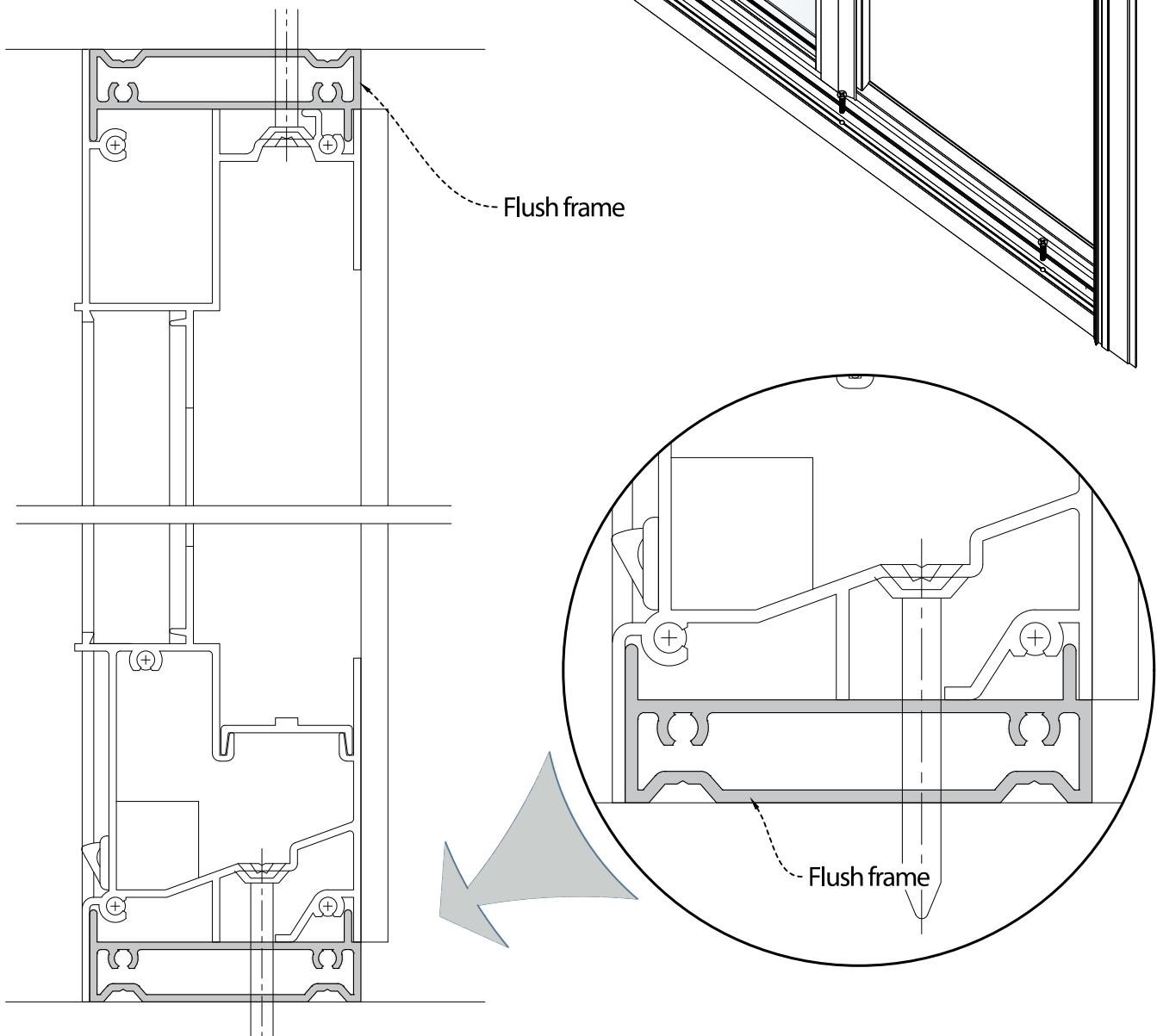
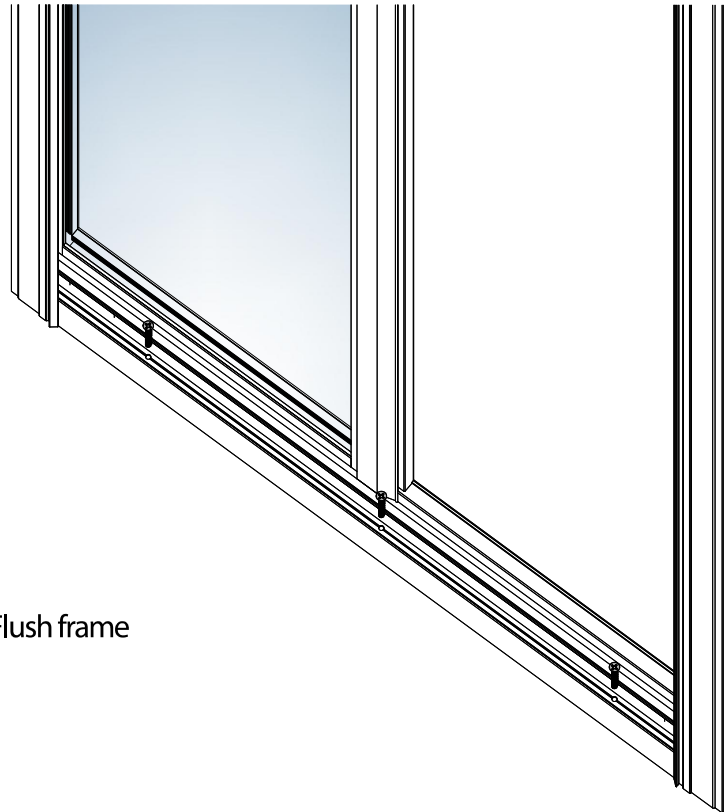
FIXING THE WINDOW:

- 6.1. Fix the window with screws indicated in the architectural specifications and the shop drawings, as the detail.
- 6.2. Apply silicone in the head of screws.
- 6.3. Place the sill track as shown in the detail 6.3.



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- 6.4. For installation with Flush Adapter; place the window on the opening.
- 6.5. Use Shims to level the window from inside.
- 6.6. Fix the window with screws assigned in the architectural specifications an the shop drawings.
- 6.7. After the screws are placed in the holes apply silicone.

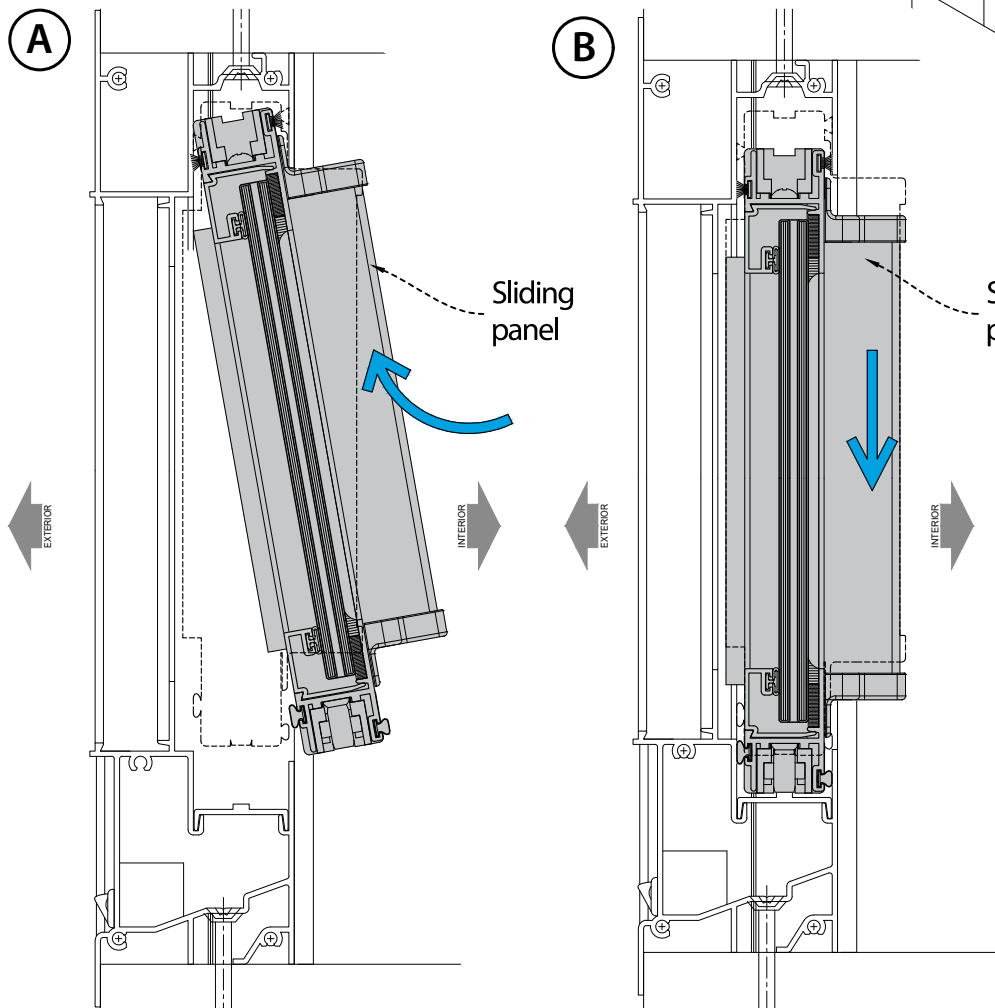
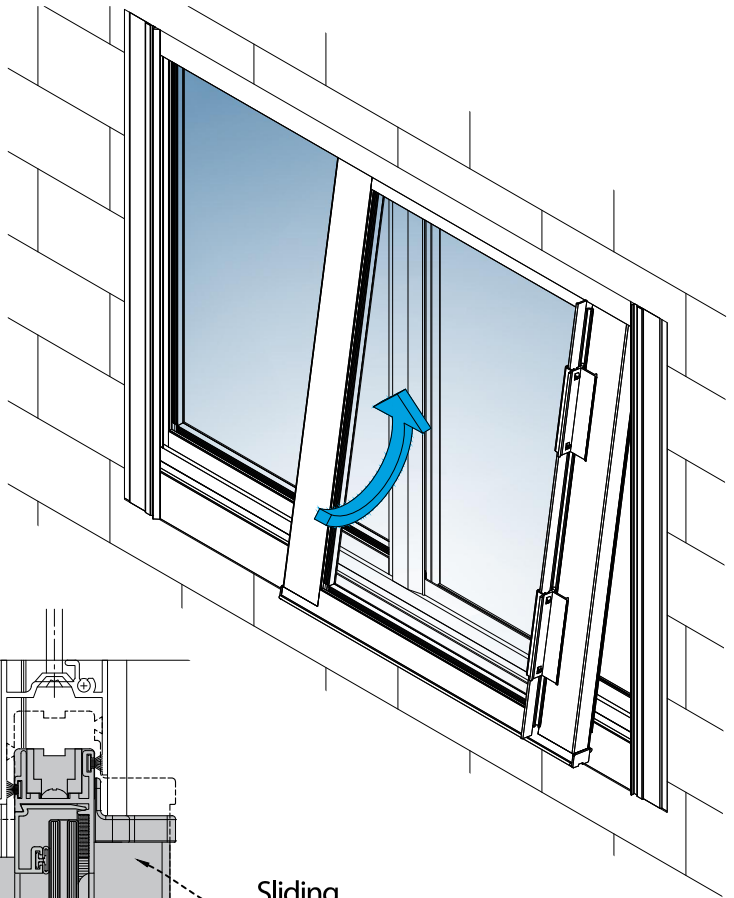


STEP 7

INSTALL THE PANEL:

- 7.1. From the inside install the sliding panel, as shown in the detail. Insert the top of the panel first then move the bottom towards the frame and rest the panel on the sill track.
- 7.2. Verify the correct operation of the window.

 Make sure to use available crane or other equipment capable of carrying the weight of the units.

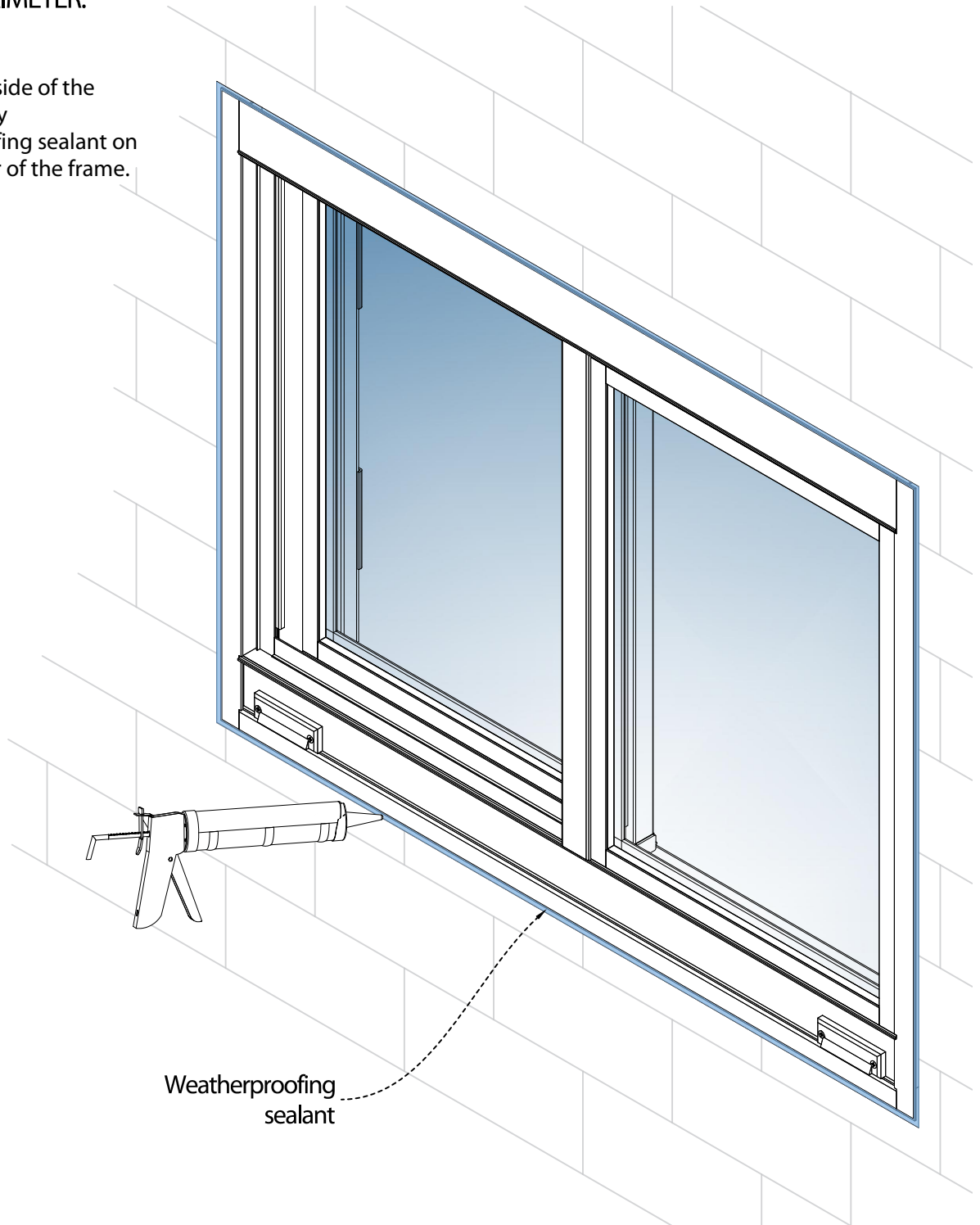


- A** Move the top of the panel inside the frame's head, and then swing the bottom of the panel in, over the sill track.
- B** Rest the panel into place, making sure the rollers are seated squarely on the sill track.

STEP 8

SEAL WINDOW PERIMETER:

- 8.1. From the outside of the building apply weatherproofing sealant on the perimeter of the frame.



INSTALLATION INSTRUCTIONS



| REVIEW No. | DATE | DESCRIPTION | BY. |
|-------------------|-------------|---|------------|
| △ 2 | 05/08/15 | Adding the installation of Flush Adapter | |
| △ 3 | 31/08/19 | General update; installation of sliding panels updated; installation of sill riser added. | E.S |
| △ 4 | 04/05/20 | Installation instructions for ES-2000/2050 were unified with ES-2100. | E.S |
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