

INSTALLATION INSTRUCTIONS

MX-1500



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:

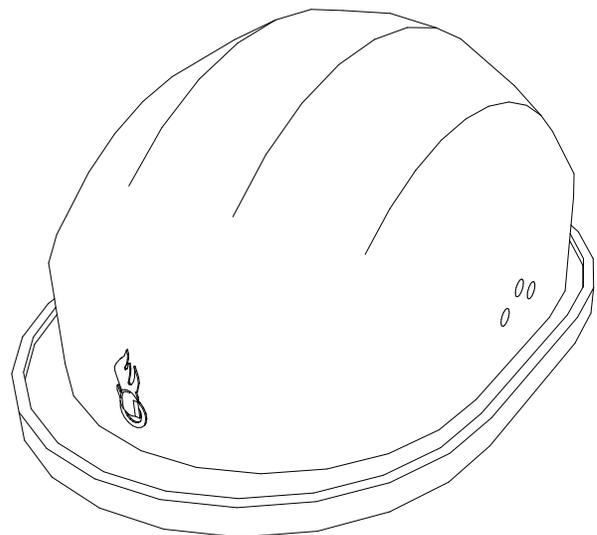
Contractors must have and execute an adequate QA/QC policy to guarantee the product installation is within industry standards and ESW guidelines. Once the product is received in acceptance by the contractor, any damage or installation problems are no longer responsibility of ESWINDOWS.

INTRODUCTION

MX-1500, are fixed 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 match production drawings.



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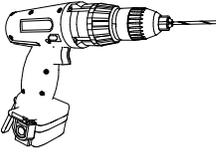
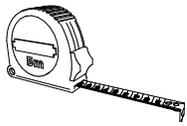
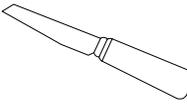
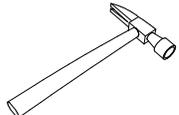
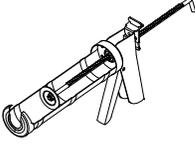
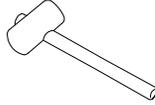
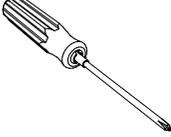
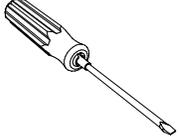
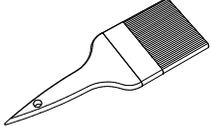
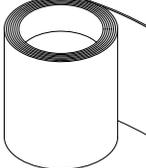
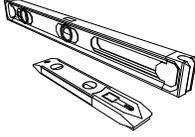
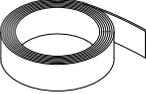
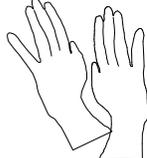
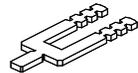
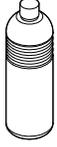
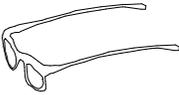
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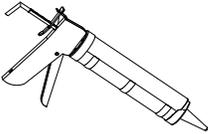
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REVIEW

TOOLS AND SUPPLIES FOR INSTALLATION					
Detail	Description	Detail	Description	Detail	Description
	Drill		Plumb		Thinner
	Meassure 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-1502		Frame cover
D.S 791 or equal		Weatherproofing sealant

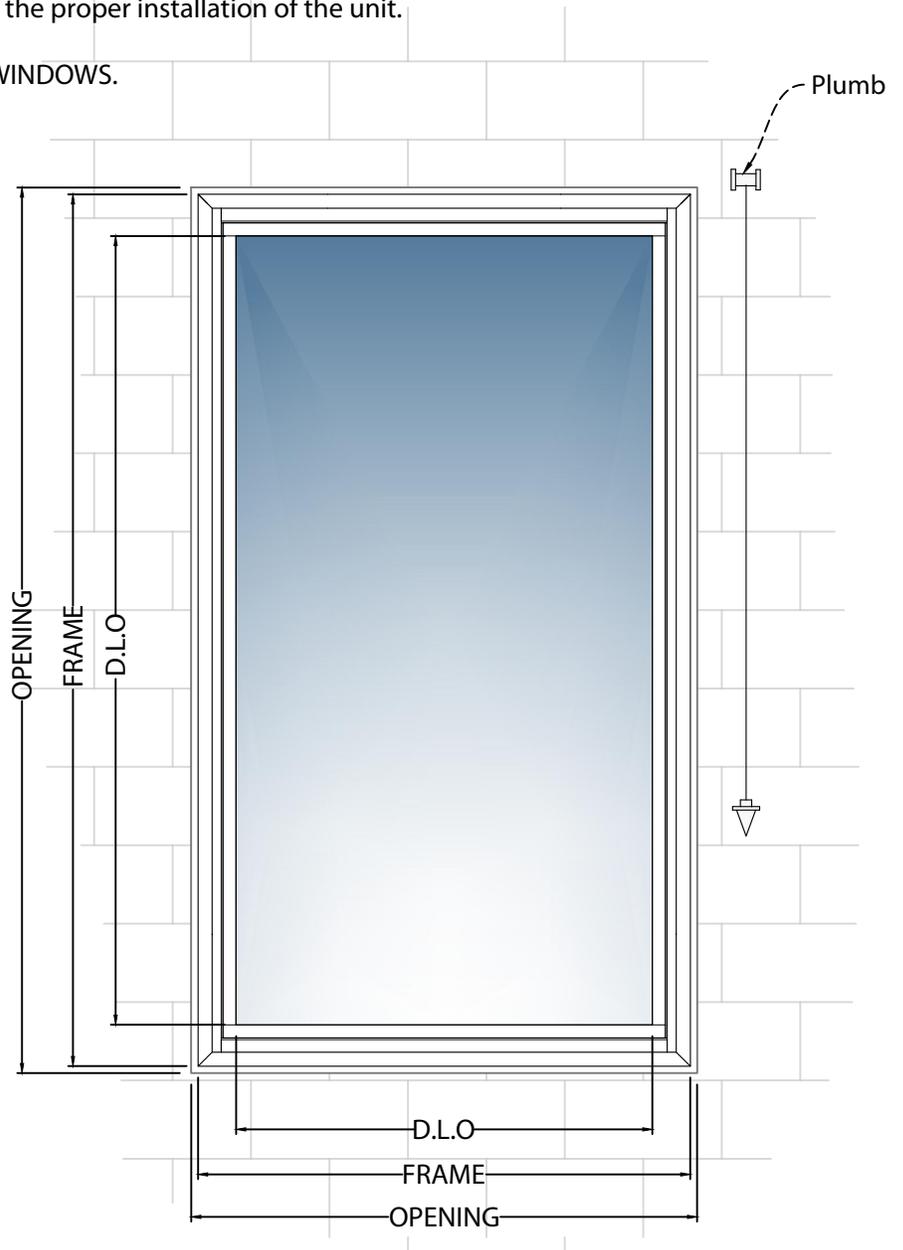


Check the technical manuals and guides by sealant manufacturers to apply silicone correctly.

STEP 1

INSPECTION AND VERIFICATION:

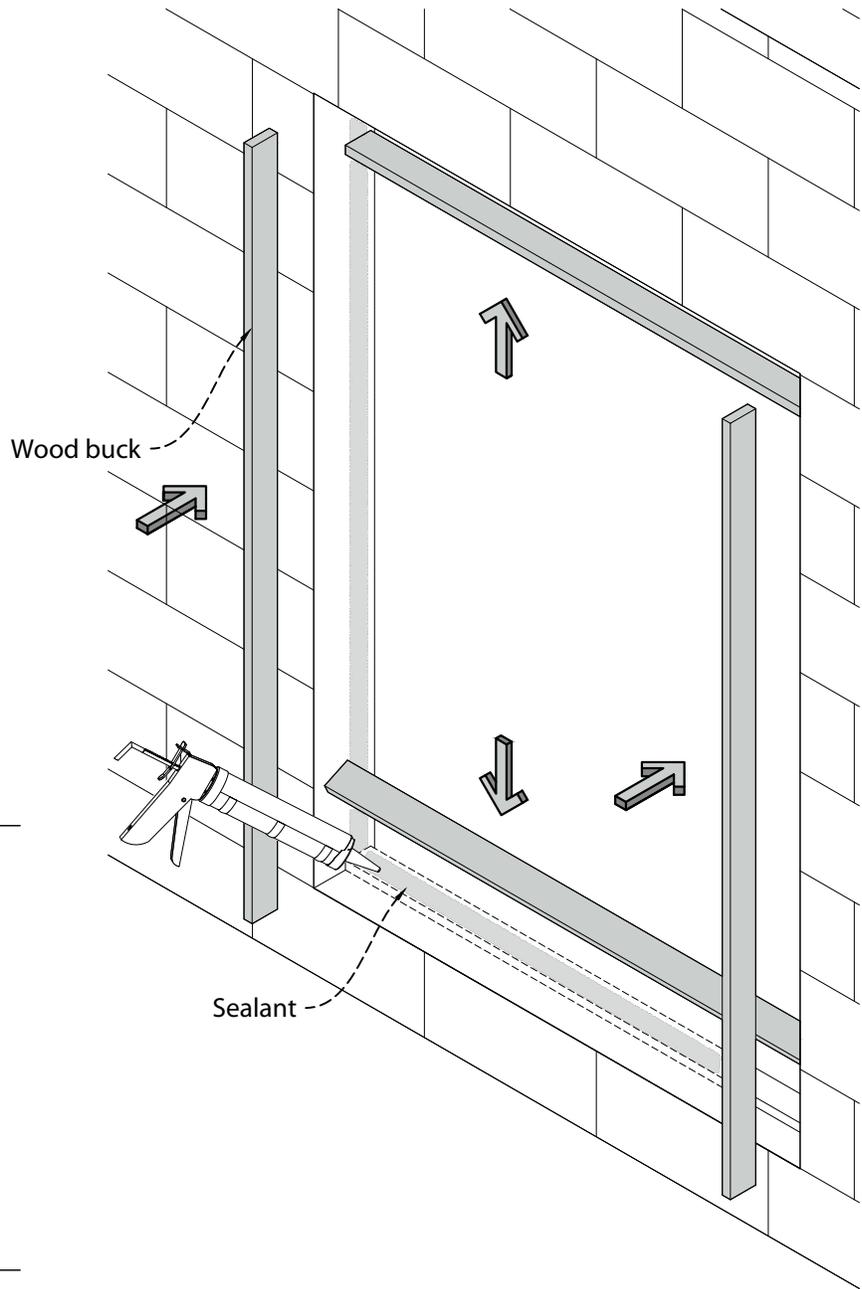
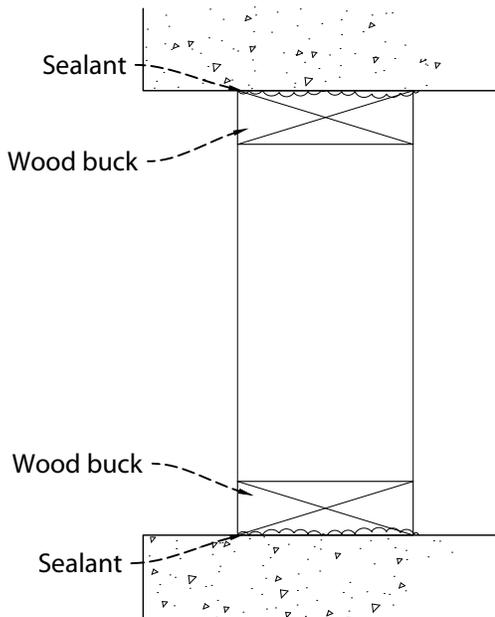
- 1.1 The rough opening should be checked for the correct size as determined by dimensions listed in the architectural specifications and the shop drawings. Measure rough opening in several places to determine variations.
- 1.2 Check all the material upon arrival for quantity and damage.
- 1.3 Remove 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 the faces to be in contact with the other faces.
- 2.3. Apply silicone around the opening.
- 2.4. Place the wood bucks as the detail.

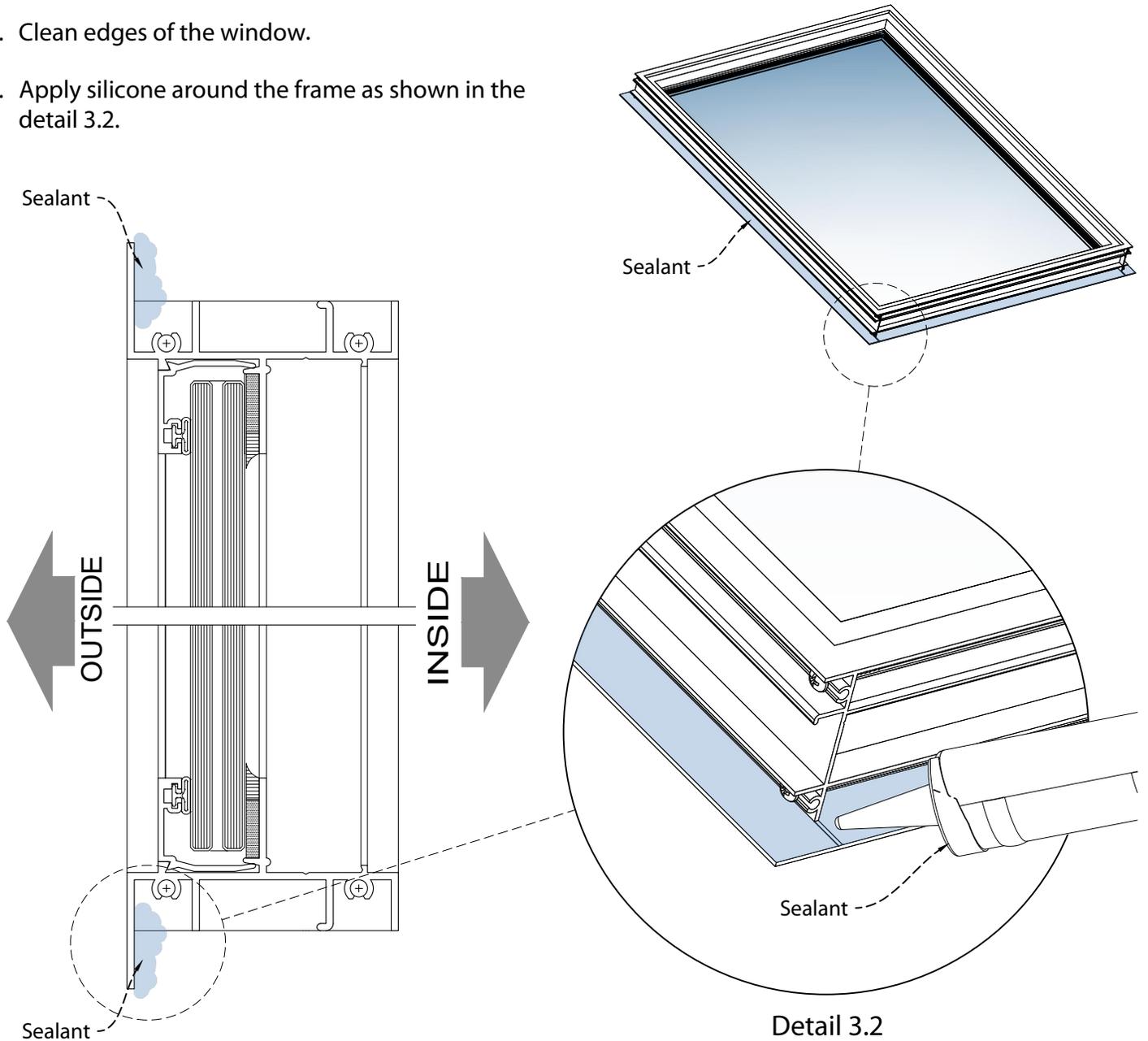


Detail 2.4

STEP 3

FRAME SEAL:

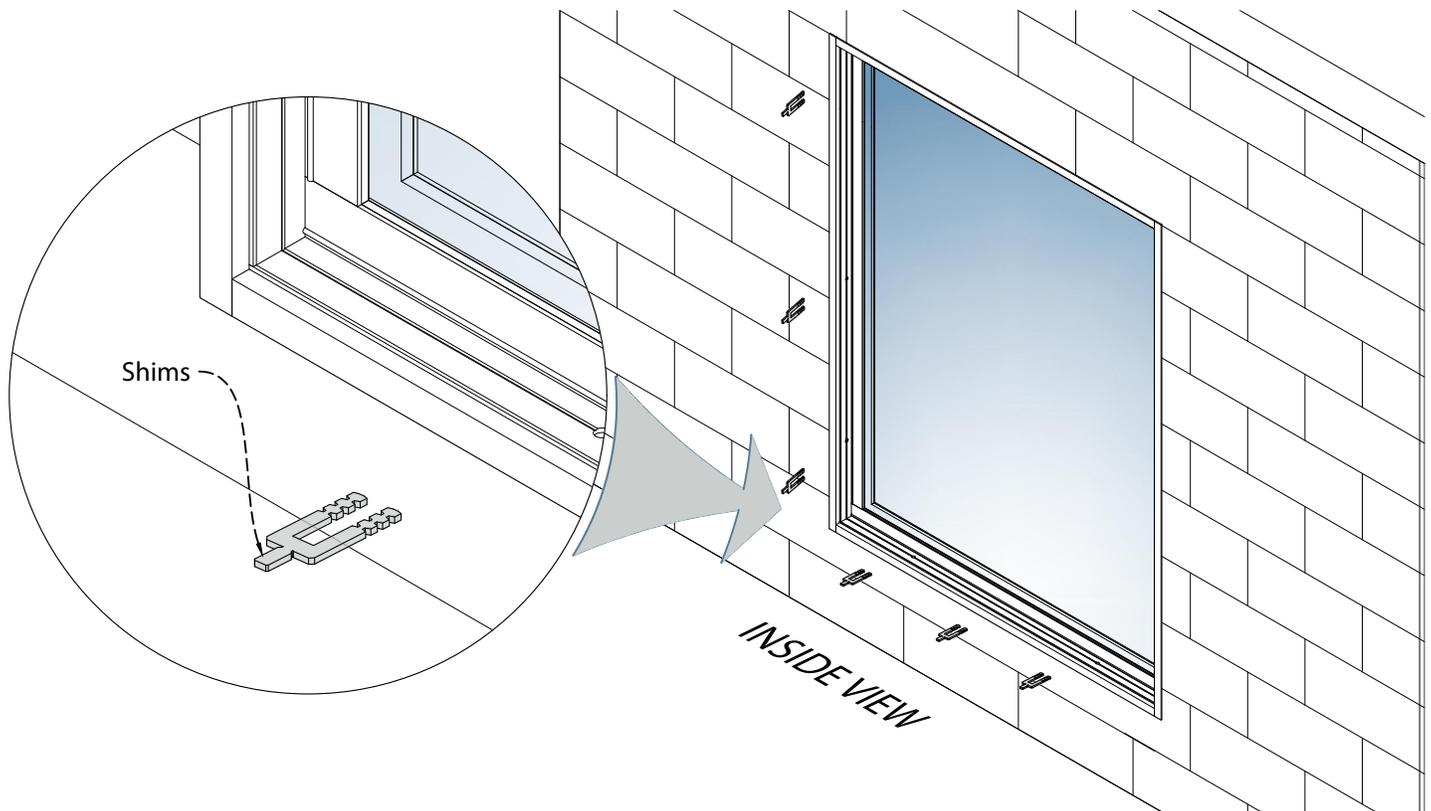
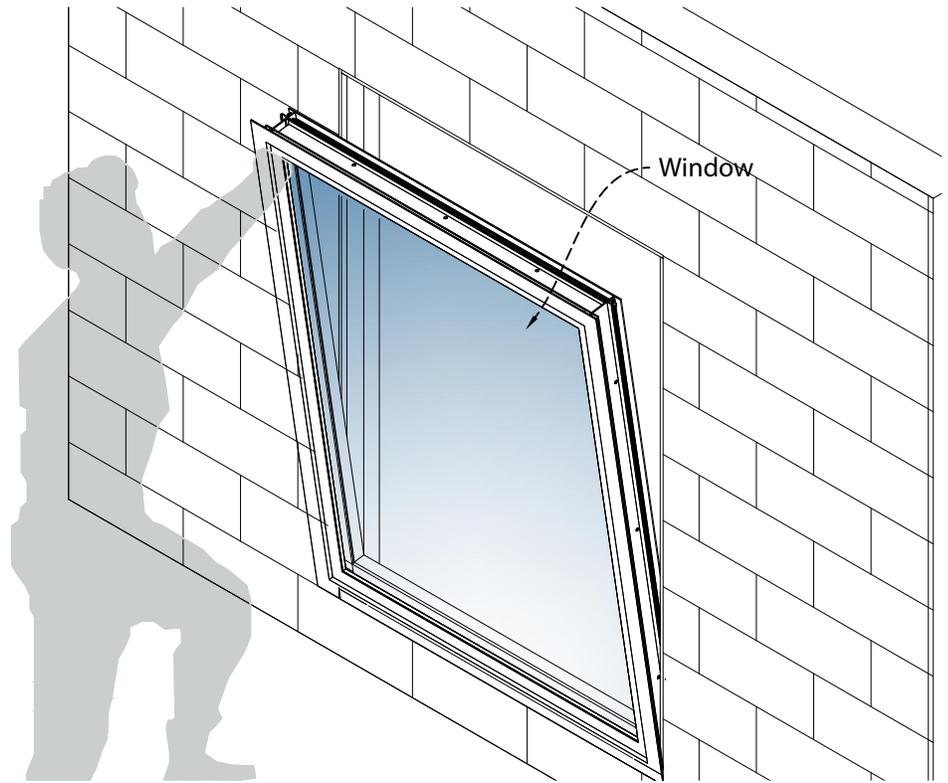
- 3.1. Clean edges of the window.
- 3.2. Apply silicone around the frame as shown in the detail 3.2.



STEP 4

INSTALL WINDOW:

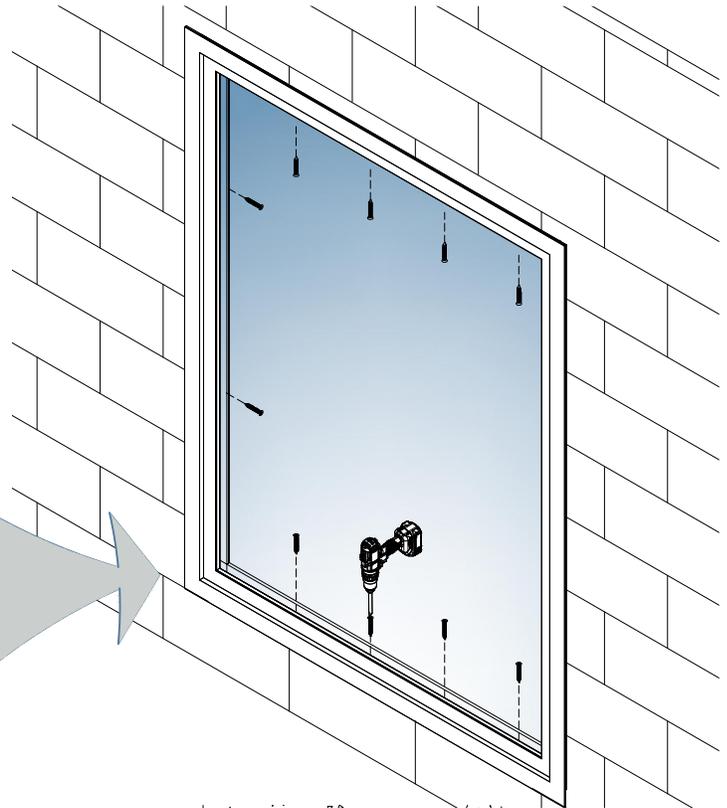
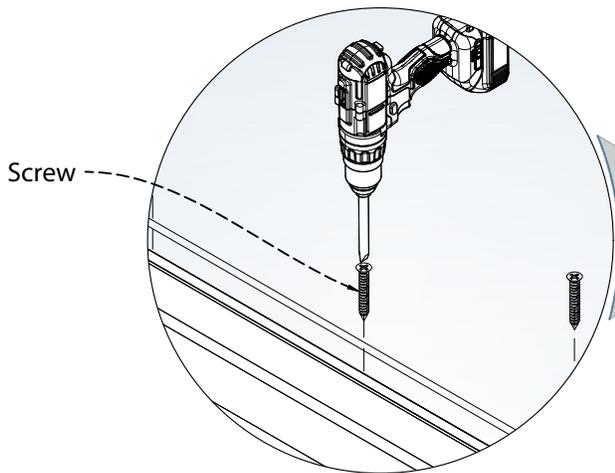
- 4.1. Place the window on the wooden blocks from outside.
- 4.2. After installing the window placed Shims to level the window from inside.



STEP 5

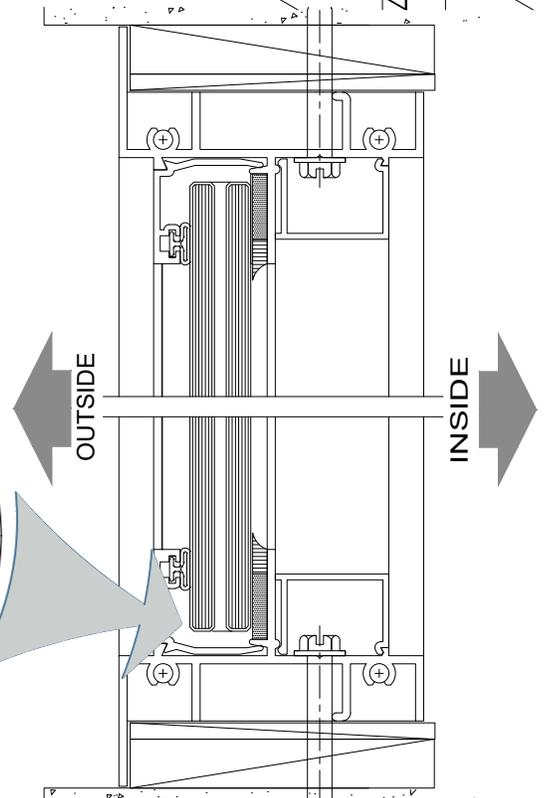
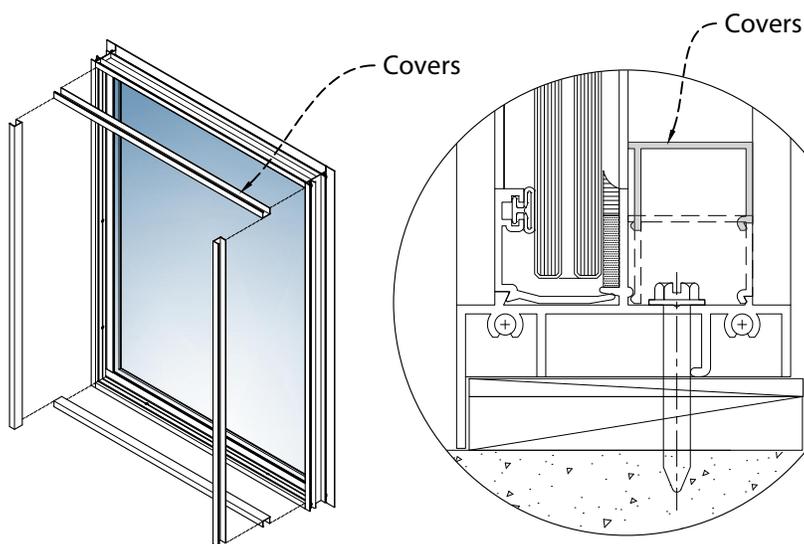
FIX THE WINDOW:

- 5.1. Fix the window with screws assigned in the architectural specifications an the shop drawings.



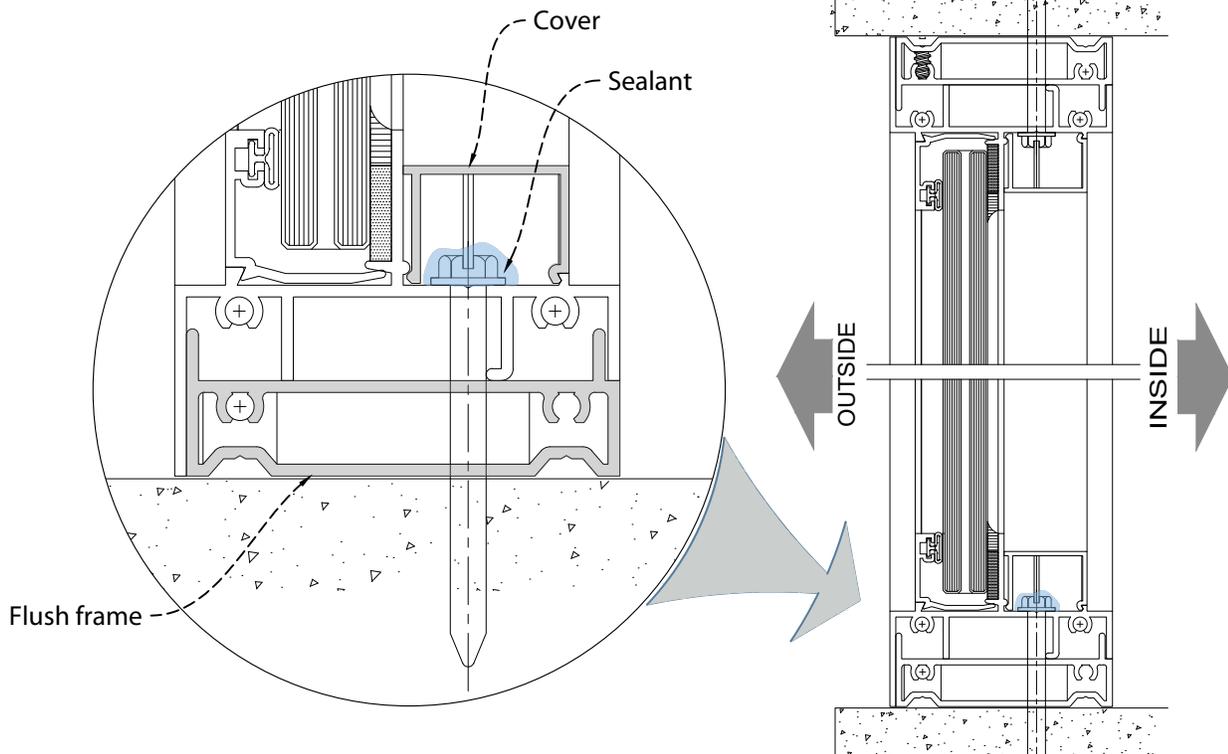
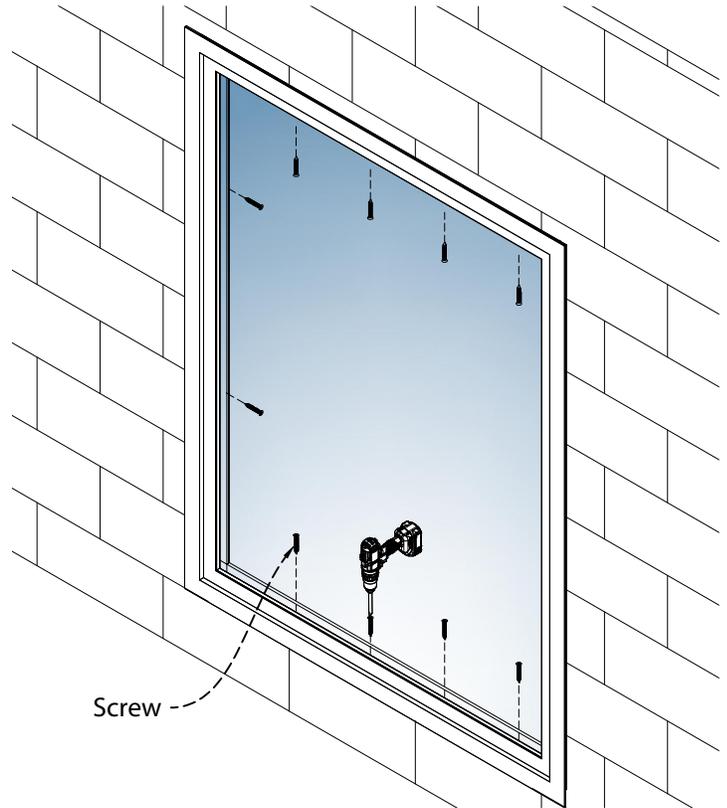
- 5.2. After the screws are placed in the holes apply silicone.

- 5.3. Place the cover as the detail.



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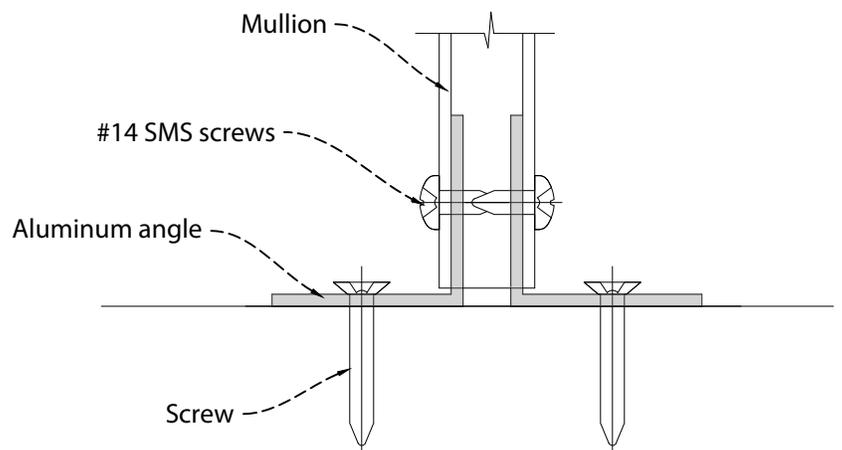
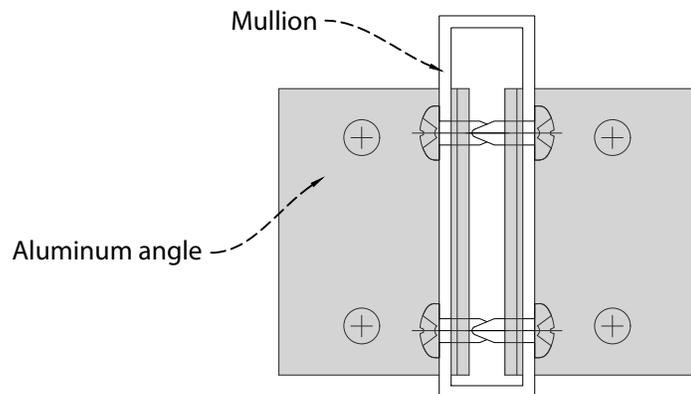
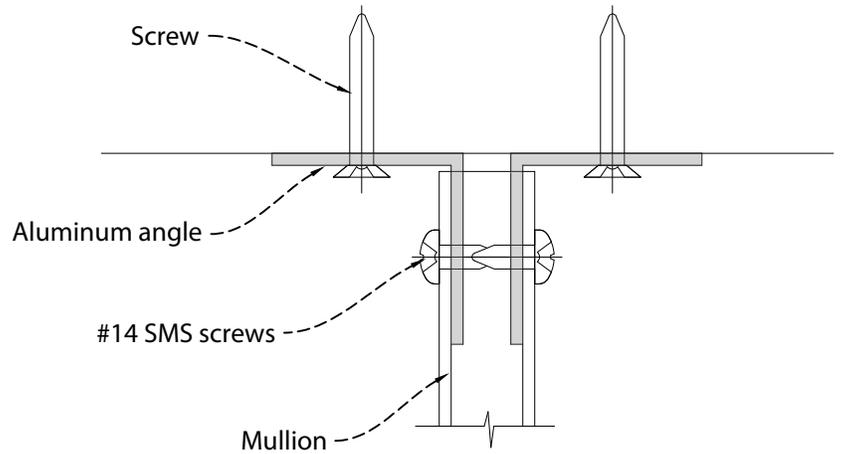
- 5.4. For installation with Flush Adapter; place the window on the opening.
- 5.5. Use Shims to level the window from the inside.
- 5.6. Fix the window with screws assigned in the architectural specifications and the shop drawings.
- 5.7. Apply weatherproofing sealant on the head of installation screws.
- 5.8. Place the cover as shown in the detail.



STEP 6

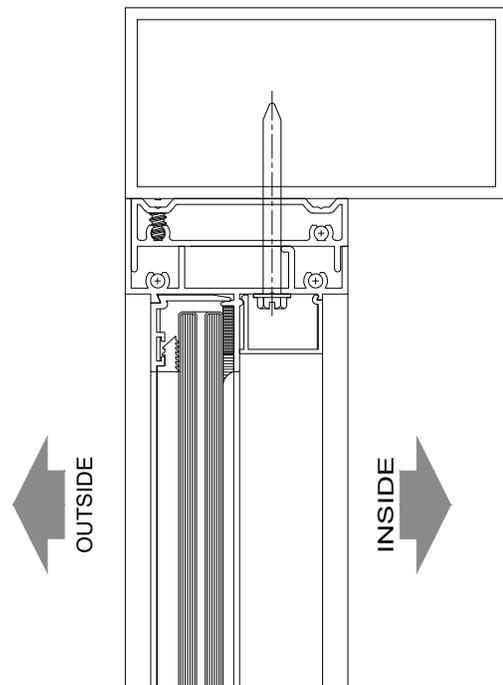
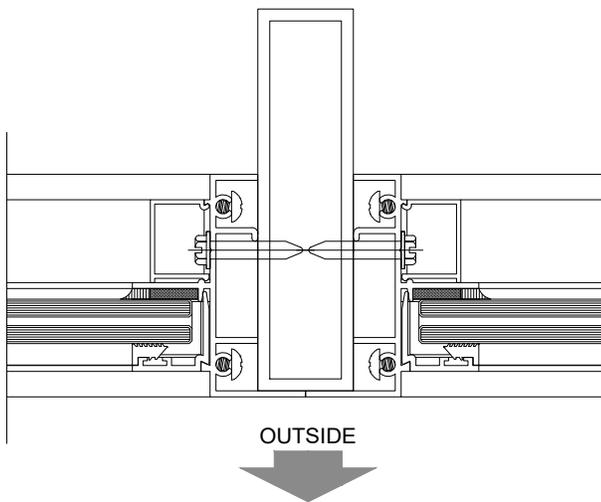
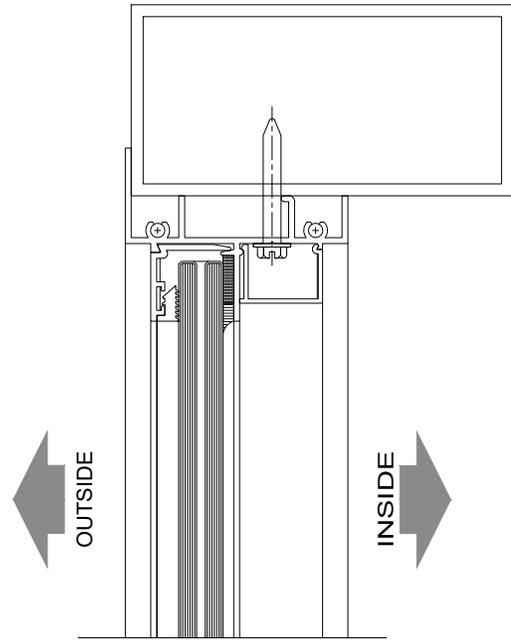
MULLION INSTALLATION:

- 6.1. Use the shop drawings to locate the place of the mullion.
- 6.2. Place the aluminum angle and fix it with the appropriate screw indicated in the shop drawings and the NOA to fix the mullions.
- 6.3. Place the mullion as shown in details and fix the mullion with two #14 SMS screws per angle.



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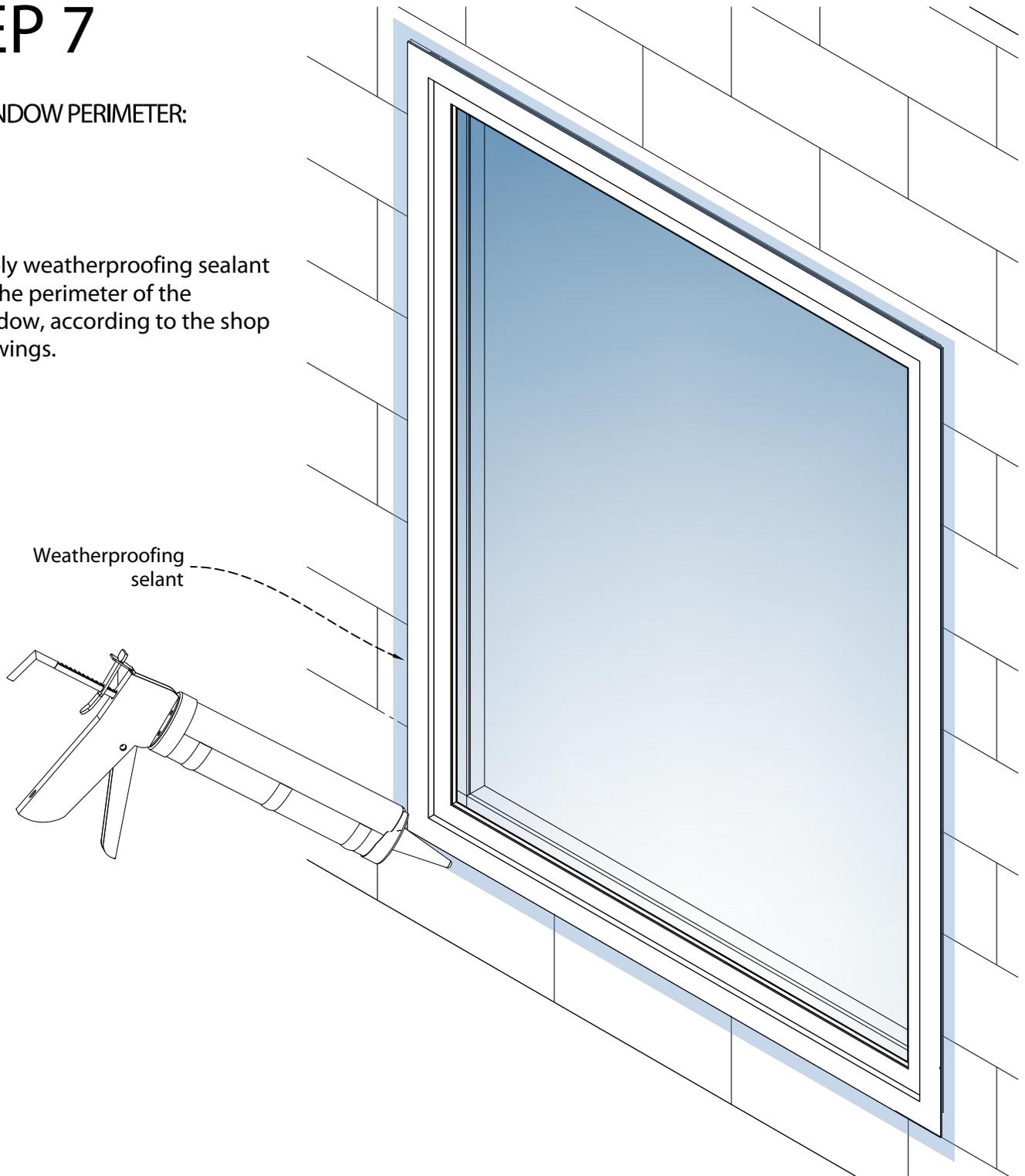
- 6.4. Verify the type of the frame as shown in the details below.
- 6.5. Install the window in the opening following the steps shown previously.



STEP 7

SEAL WINDOW PERIMETER:

- 7.1. Apply weatherproofing sealant on the perimeter of the window, according to the shop drawings.



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