

MX-1000



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:

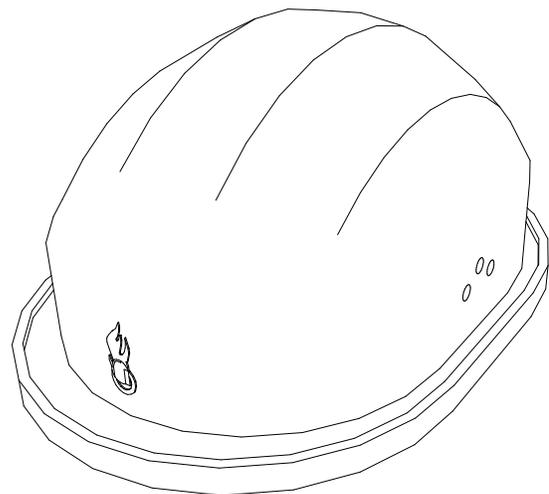
Contractors must have and execute an adequate QA/QC policy to guarantee the product installation is within industry standards and ESW guidelines. Once the product is received in acceptance by the contractor, any damage or installation problems are no longer responsibility of ESWINDOWS.

INTRODUCTION

MX-1000, Single hung window systems.

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

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



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INSTALLATION

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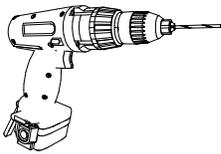
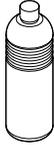
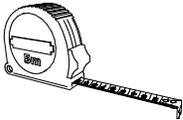
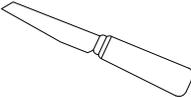
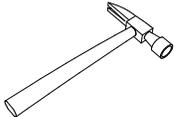
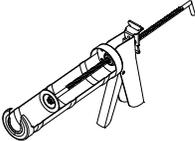
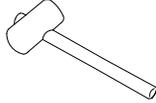
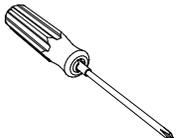
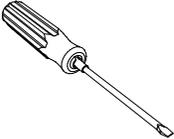
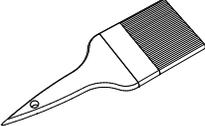
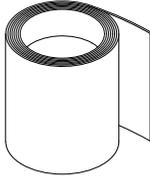
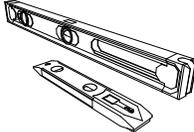
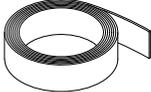
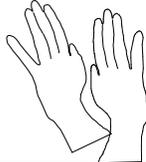
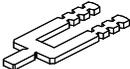
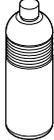
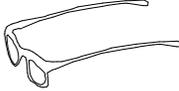
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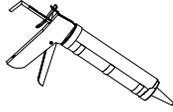
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REVIEW

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-1013		Sash stop
D.S 791 or equal		Weatherproofing sealant

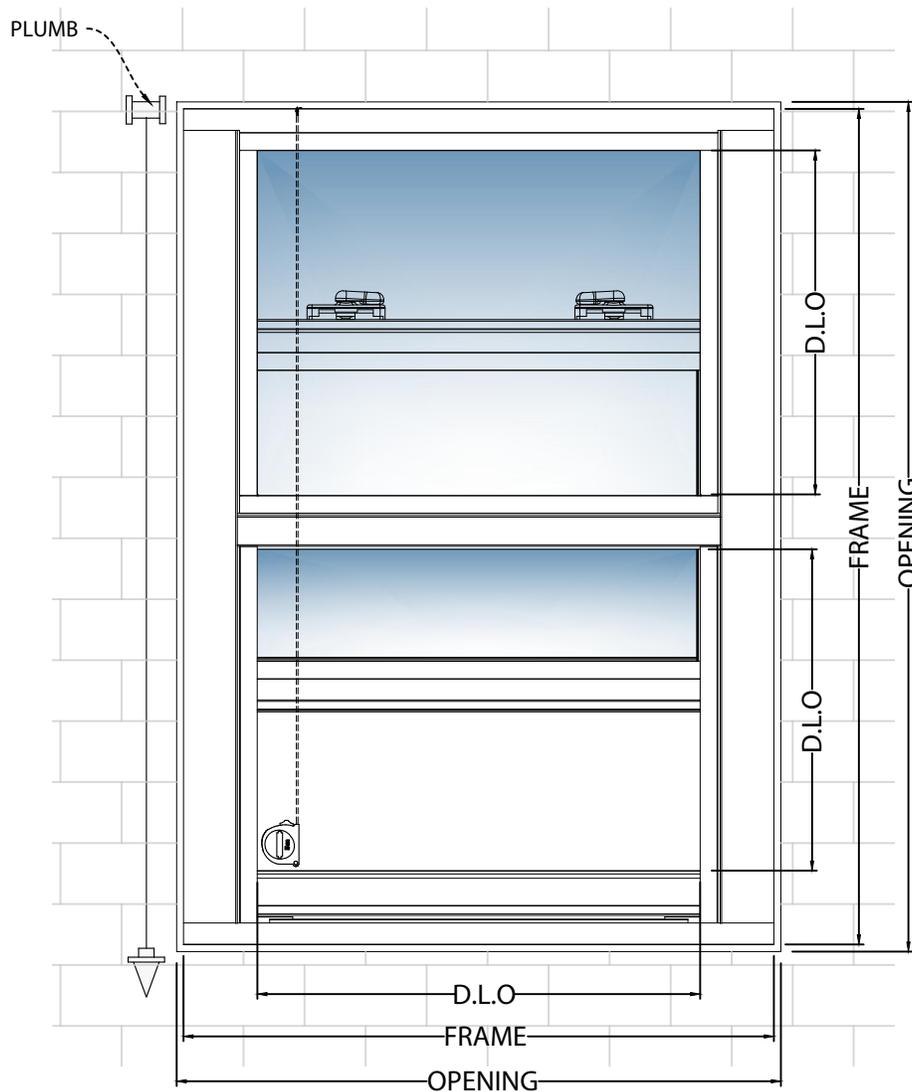


Check the technical manuals and guides by sealant manufacturers to apply silicone correctly.

STEP 1

INSPECTION AND VERIFICATION:

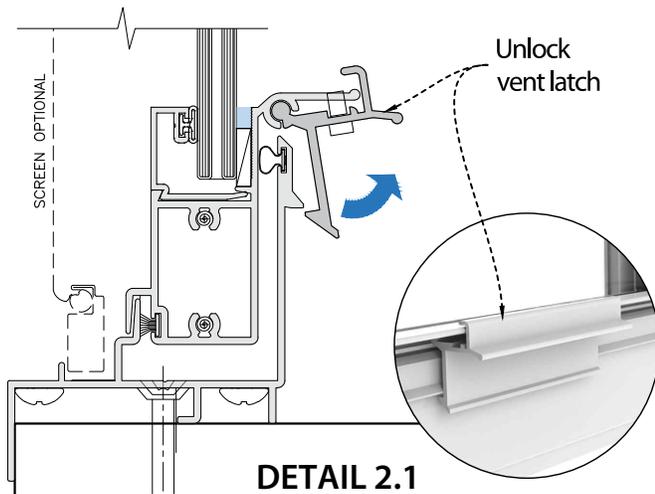
- 1.1 The rough opening should be checked for the correct size as determined by dimensions listed in the architectural specifications and the shop drawings. Measure rough opening in several places to determine variations.
- 1.2 Check all the material upon arrival for quantity and damage.
- 1.3 Remove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



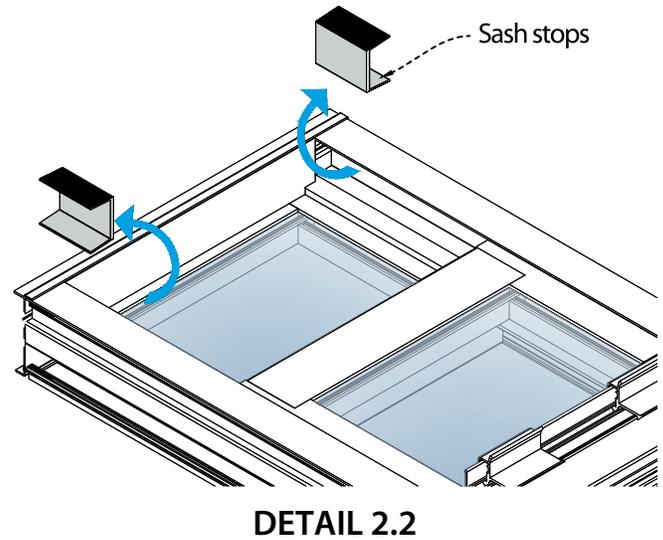
STEP 2

REMOVE THE VENT:

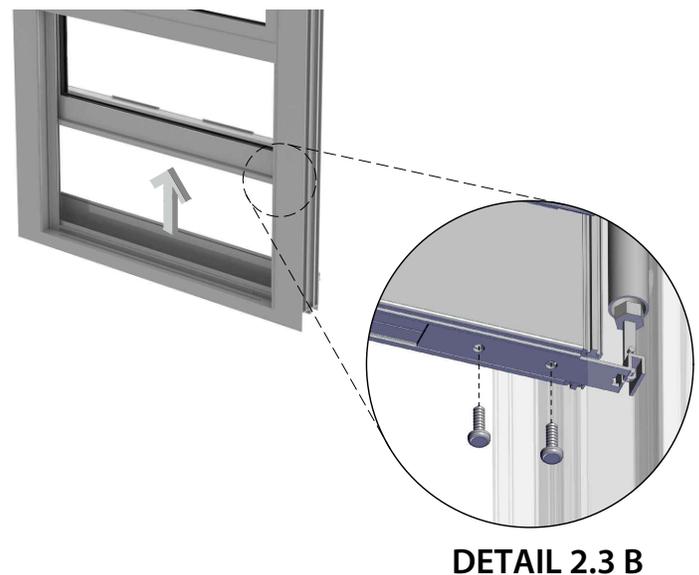
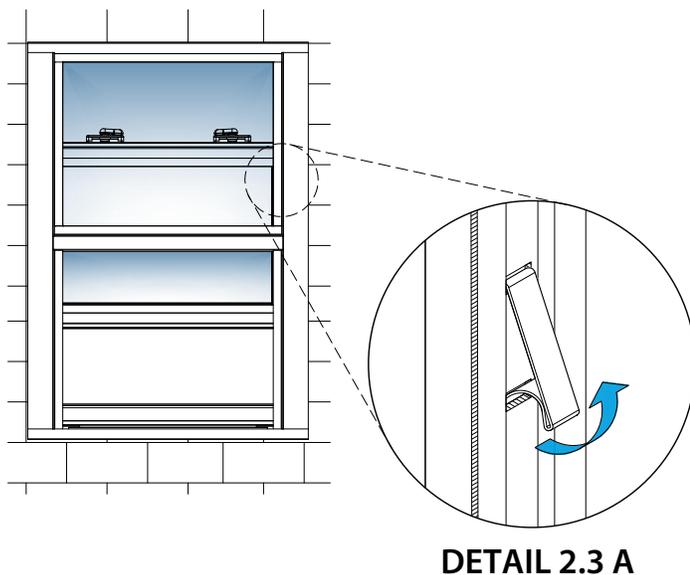
2.1. In order to remove operable vent, unlock the window to open it. Release the vent latch as shown in detail below:



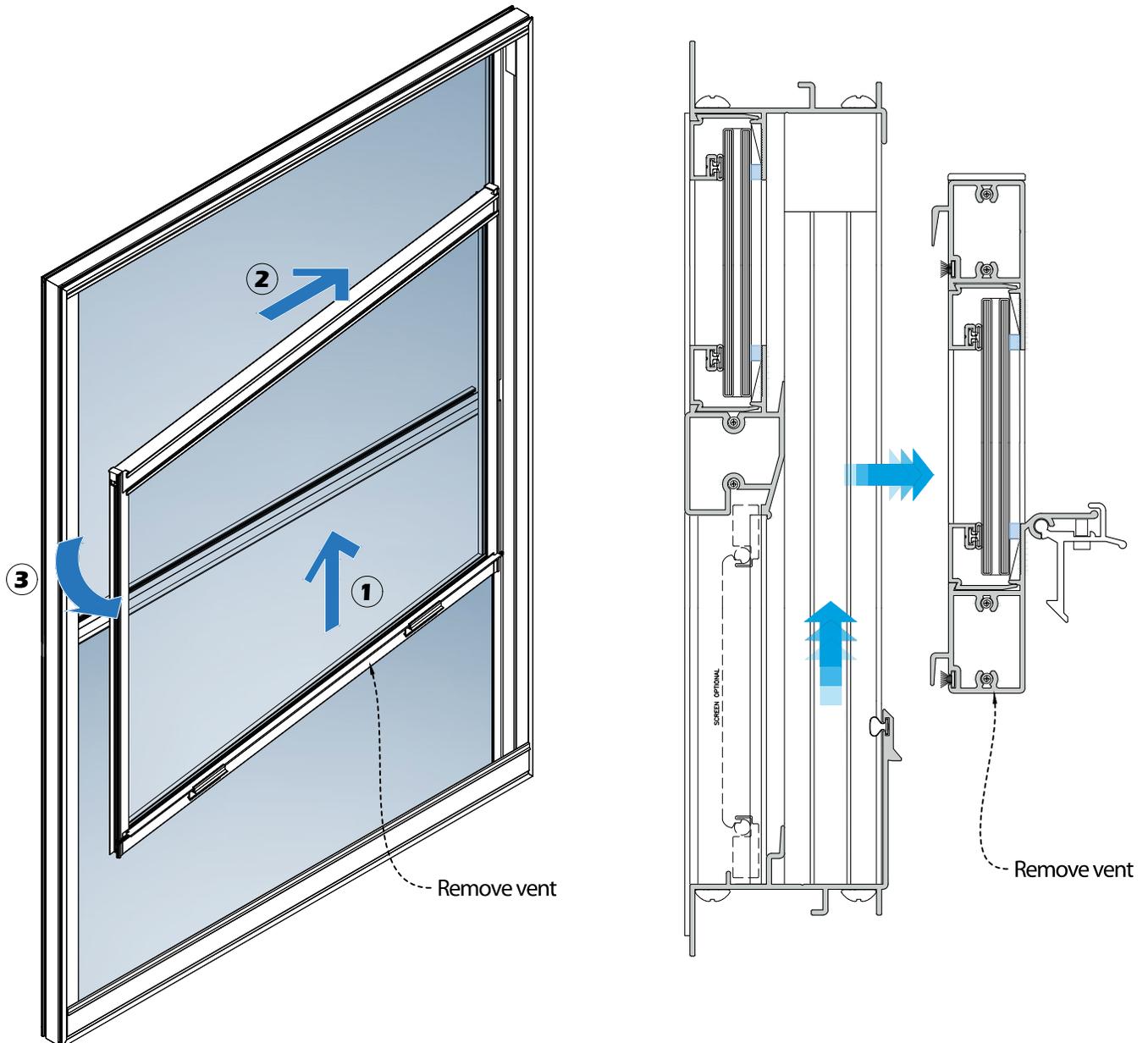
2.2. Remove sash stops as shown in detail below.



2.3. For windows with block and tackle balance pull the take out clip to release the balance (Detail 2.3 A). For windows with a spiral balance, disengage balance from the vent removing screws to release the non tilt bracket from the bottom of the vent, as shown in detail 2.3 B.



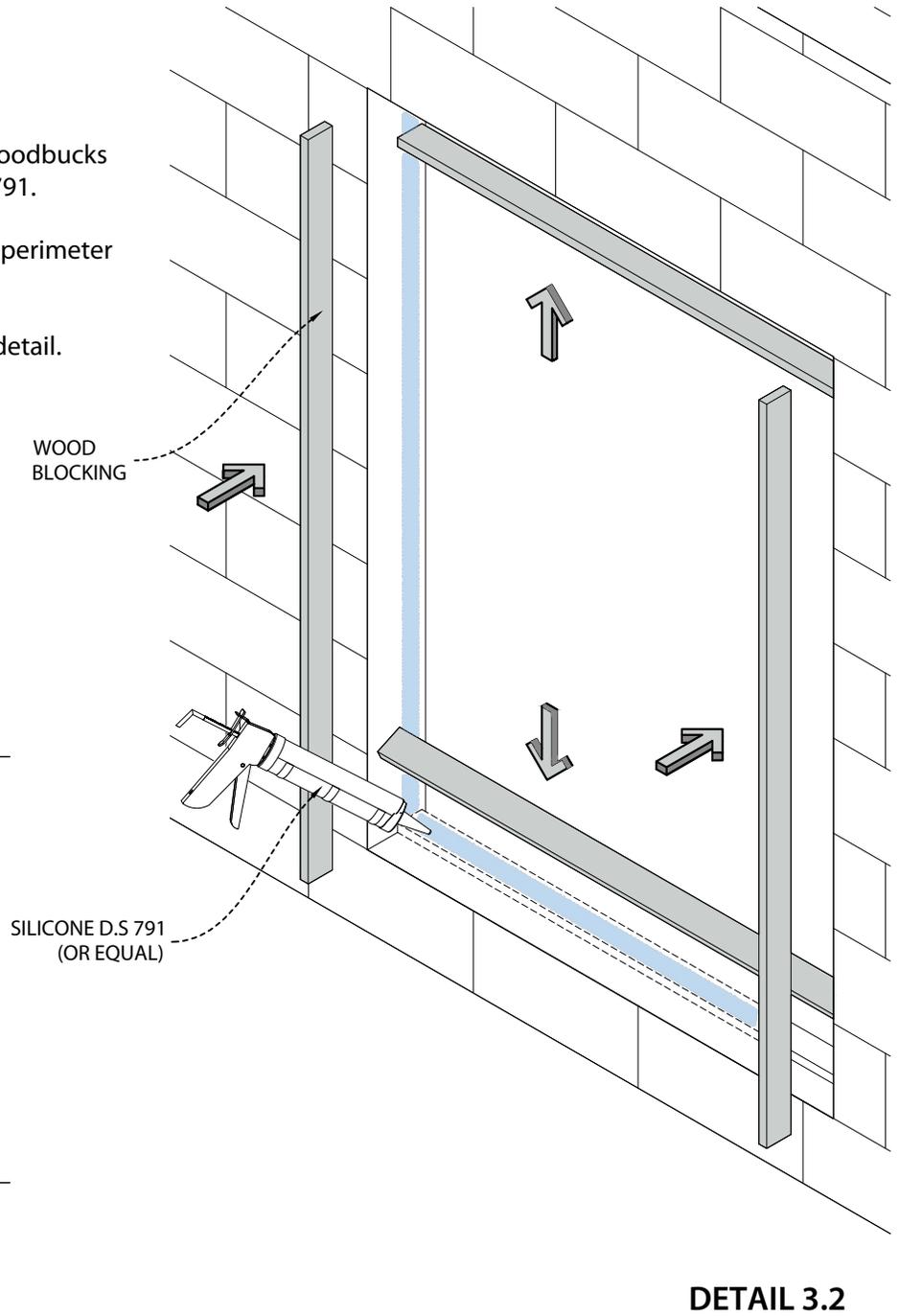
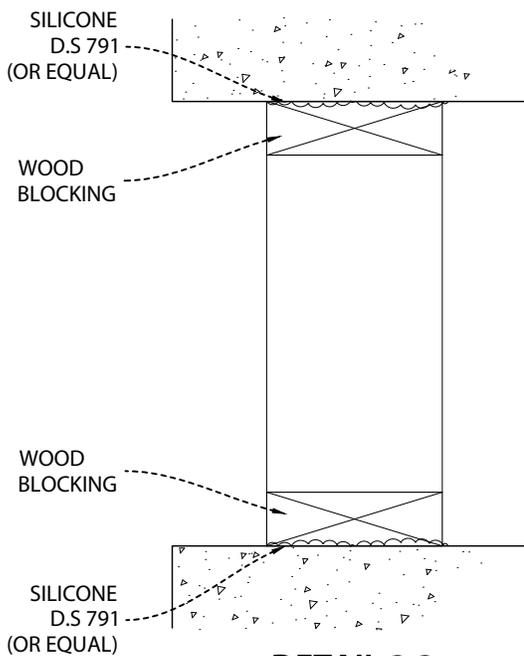
2.4. Slide operable vent to the top of the window, then move it towards the jamb and take it out of the frame, as shown in detail below.



STEP 3

WOOD BLOCKS INSTALLATION:

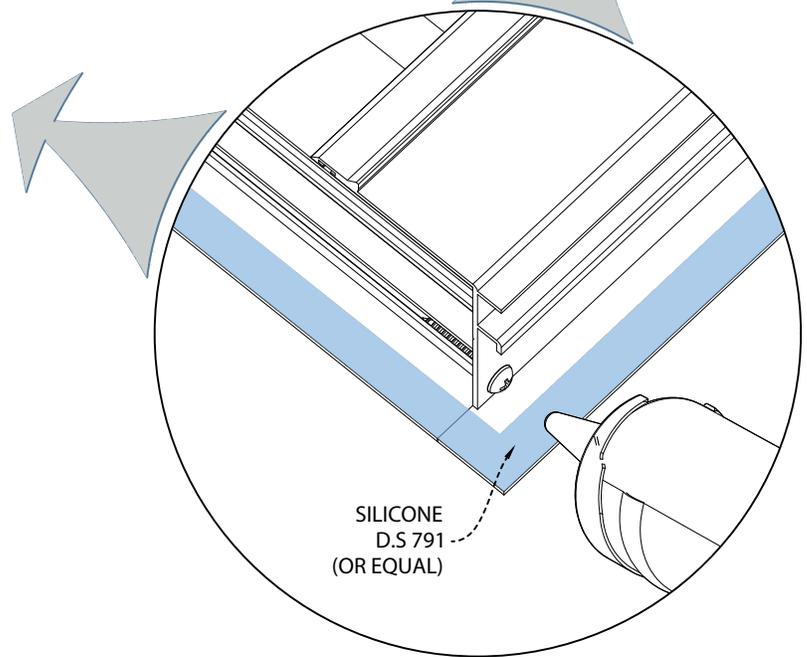
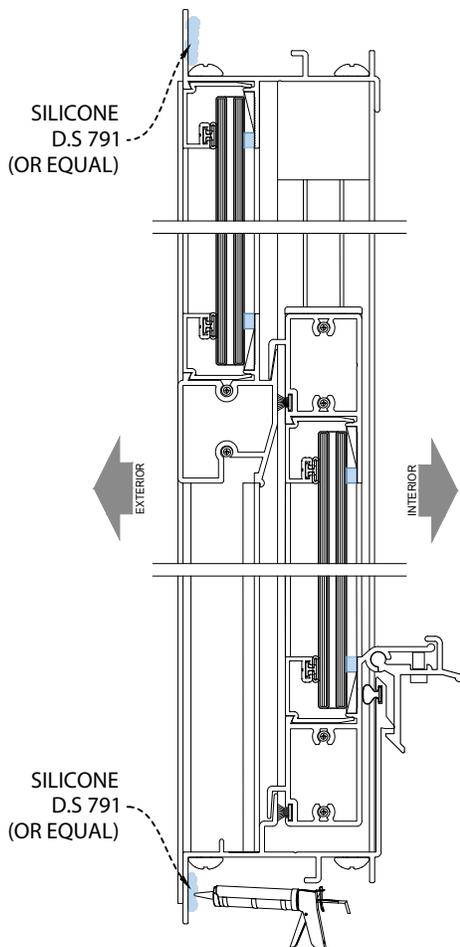
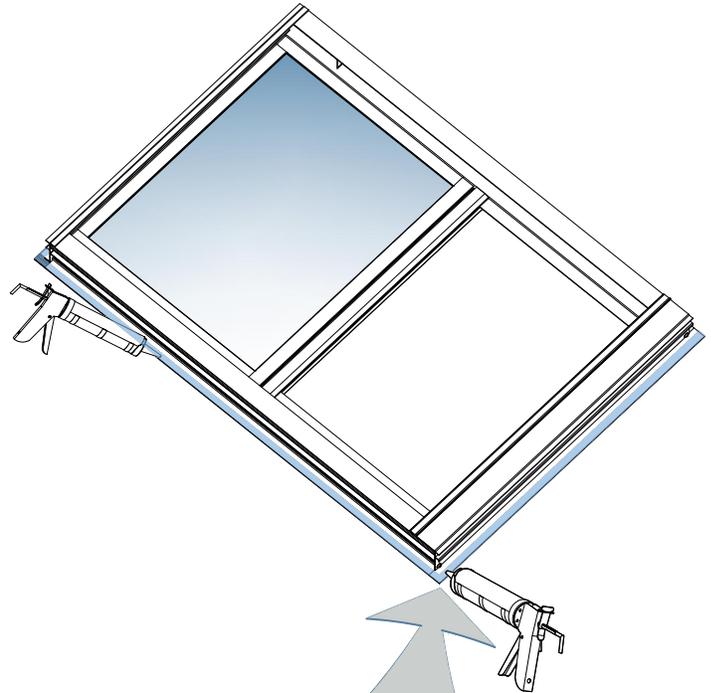
- 3.1. Clean the opening surfaces and the woodbucks surfaces before applying silicone D.S 791.
- 3.2. Apply silicone D.S 791 or equal, in the perimeter of the opening.
- 3.3. Place the wood blocking as shown in detail.



STEP 4

FRAME SEAL:

- 4.1. Clean edges of the window with isopropyl alcohol.
- 4.2. Apply silicone D.S 791 or equal, around the full perimeter of the frame as shown in the detail 4.2.



DETAIL 4.2

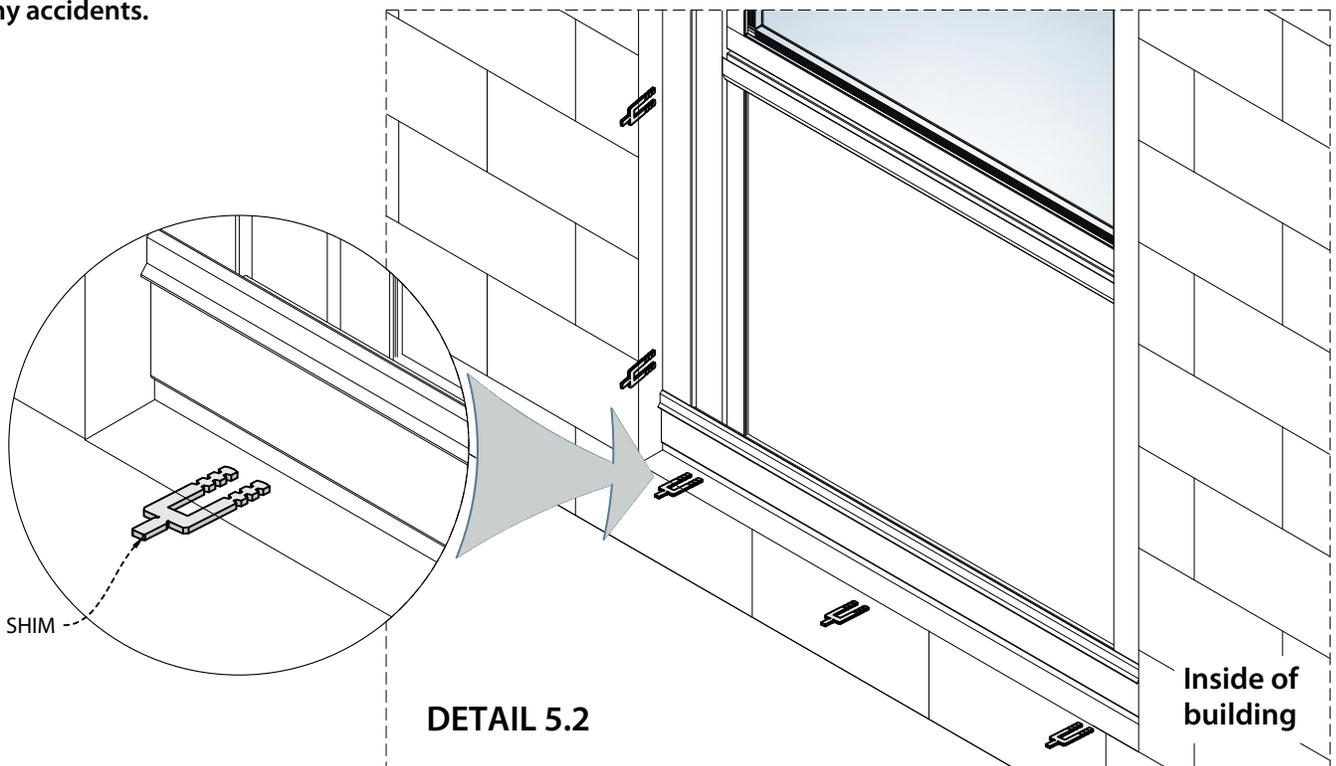
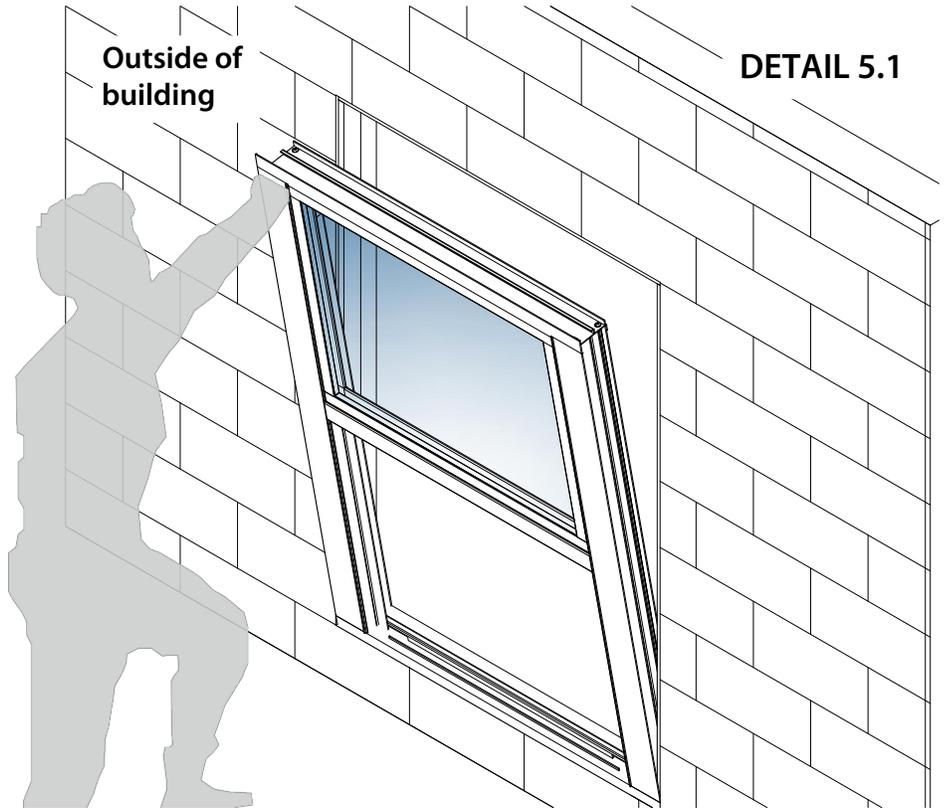
STEP 5

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 inside of the building.



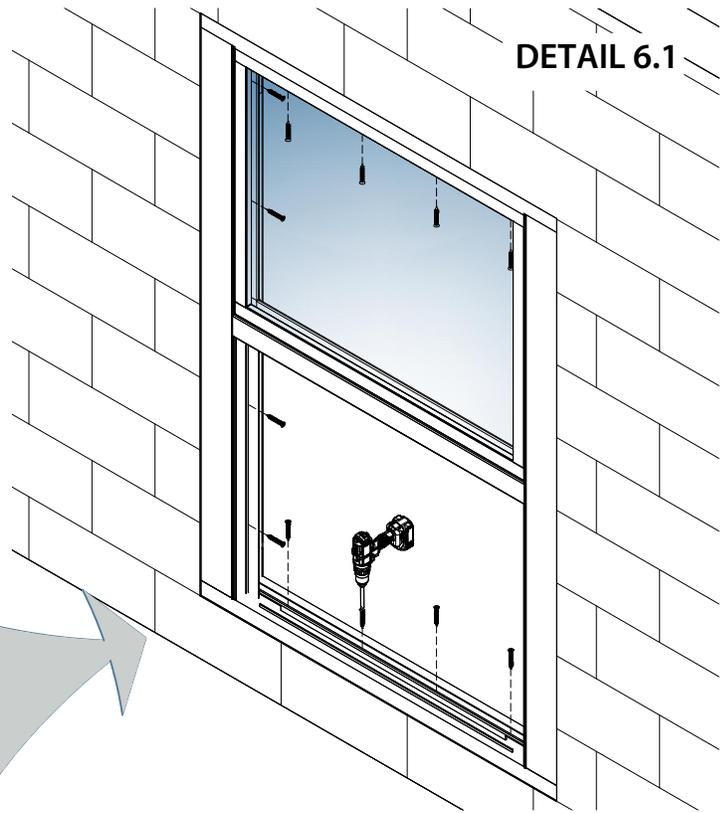
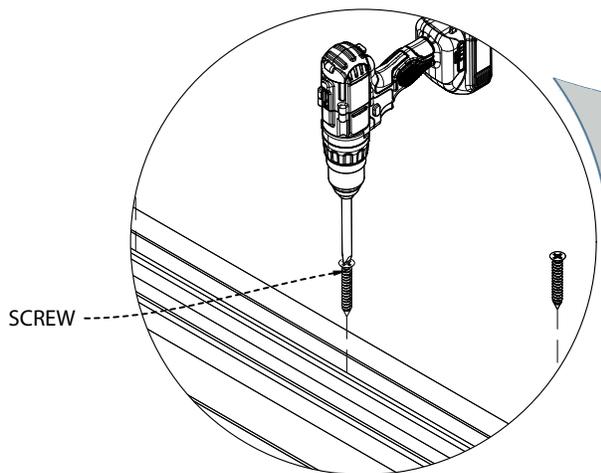
This steps requires at least two installers, one inside and another one outside of the building in order to prevent any accidents.



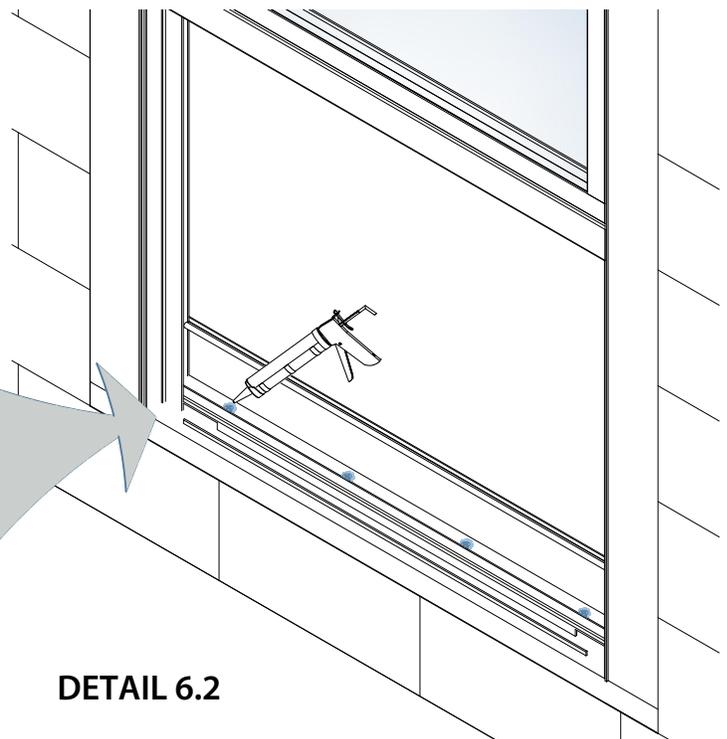
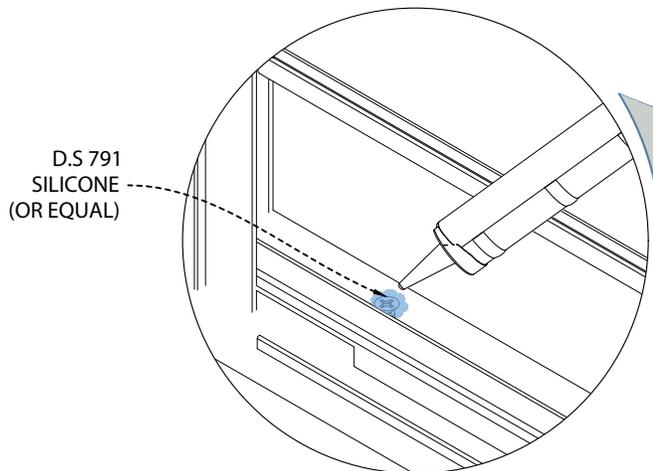
STEP 6

FIXING THE WINDOW:

- 6.1. Fix the window with the screws indicated in the architectural specifications and the shop drawings. See detail 6.1.



- 6.2. Apply D.S 791 silicone on top of the head of screws. See detail 6.2.

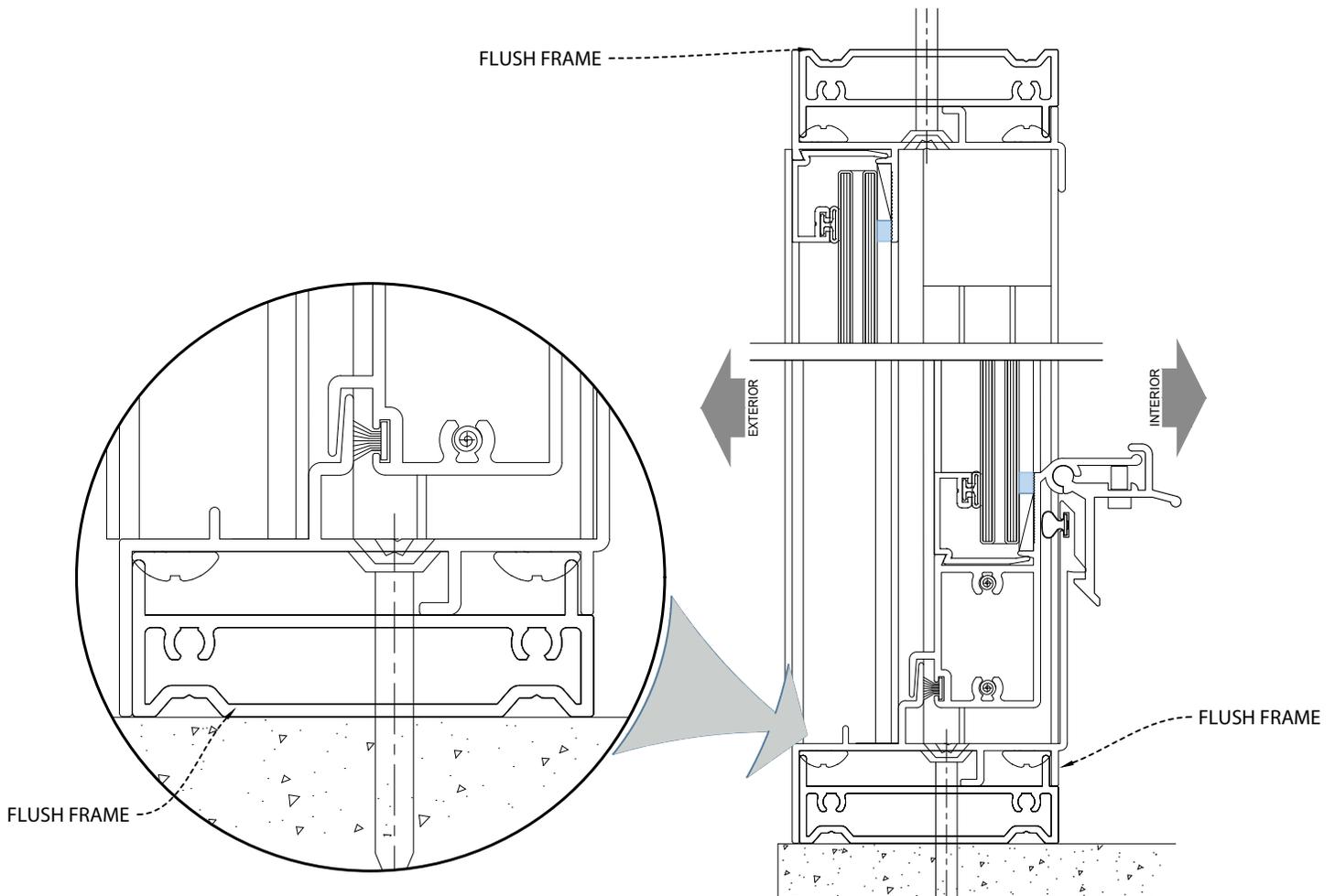
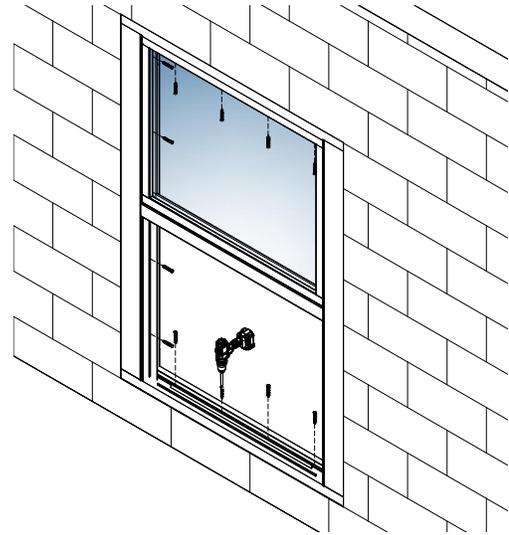


DETAIL 6.2

INSTALLATION INSTRUCTIONS

MX-1000
SINGLE HUNG WINDOW
VERSION 1
I-DD-20

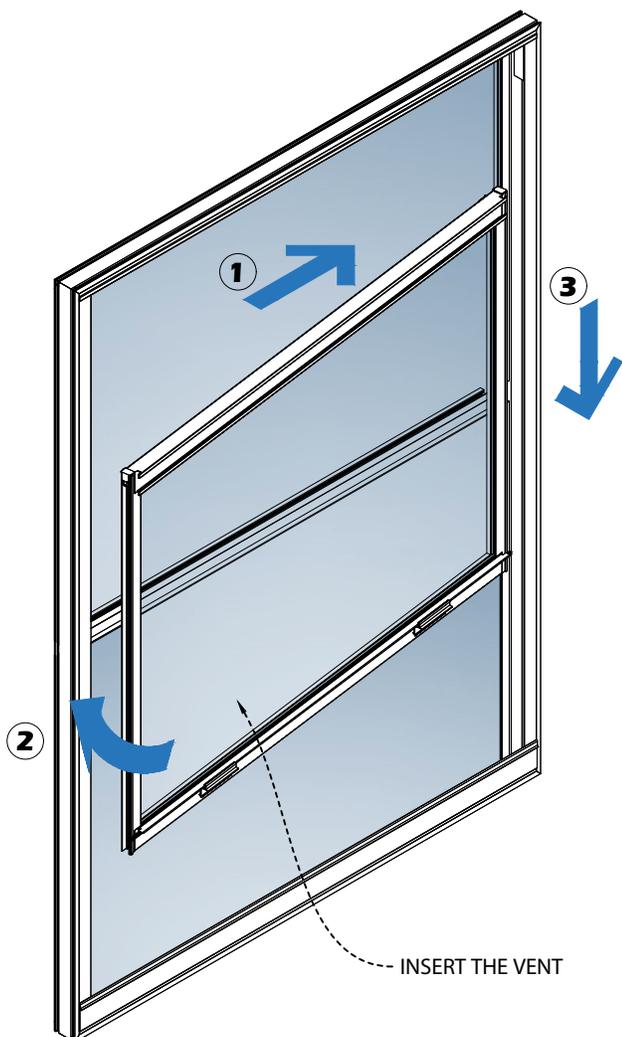
- 6.3. For installation with Flush Adapter; place the window on the opening.
- 6.4. Use Shims to level the window from inside.
- 6.5. Fix the window with screws assigned in the architectural specifications and the shop drawings.
- 6.6. After the screws are placed in the holes apply silicone.



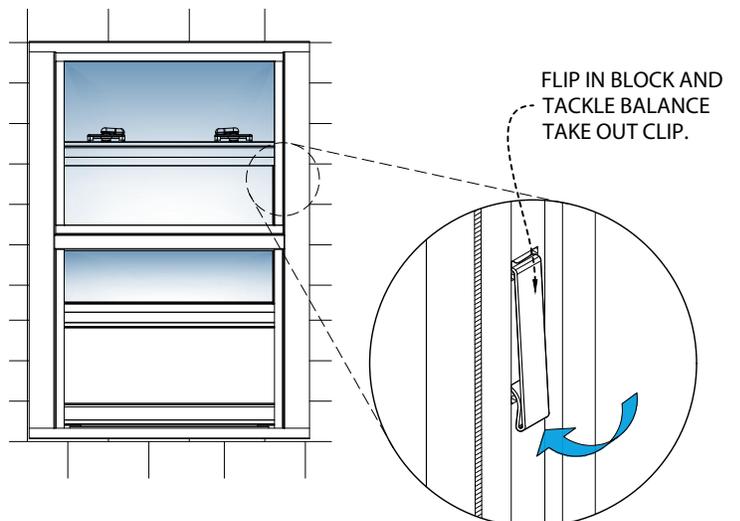
STEP 7

INSTALL THE VENT:

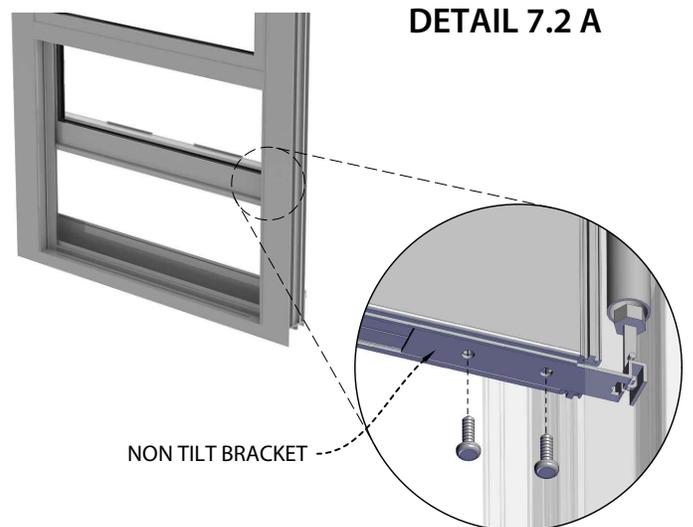
- 7.1. Insert the vent on the jamb and move it towards the frame, into position. Center the vent and slide it to closed position, as shown in detail 7.1.
- 7.2. For configurations with block and tackle balance, once the vent is installed, flip in balance take out clip (Detail 7.2 A). For windows with spiral balance, once the vent is installed, fix the balance non tilt bracket to the bottom of the vent (Detail 7.2 B). Operate the window to verify that balances work correctly.



DETAIL 7.1

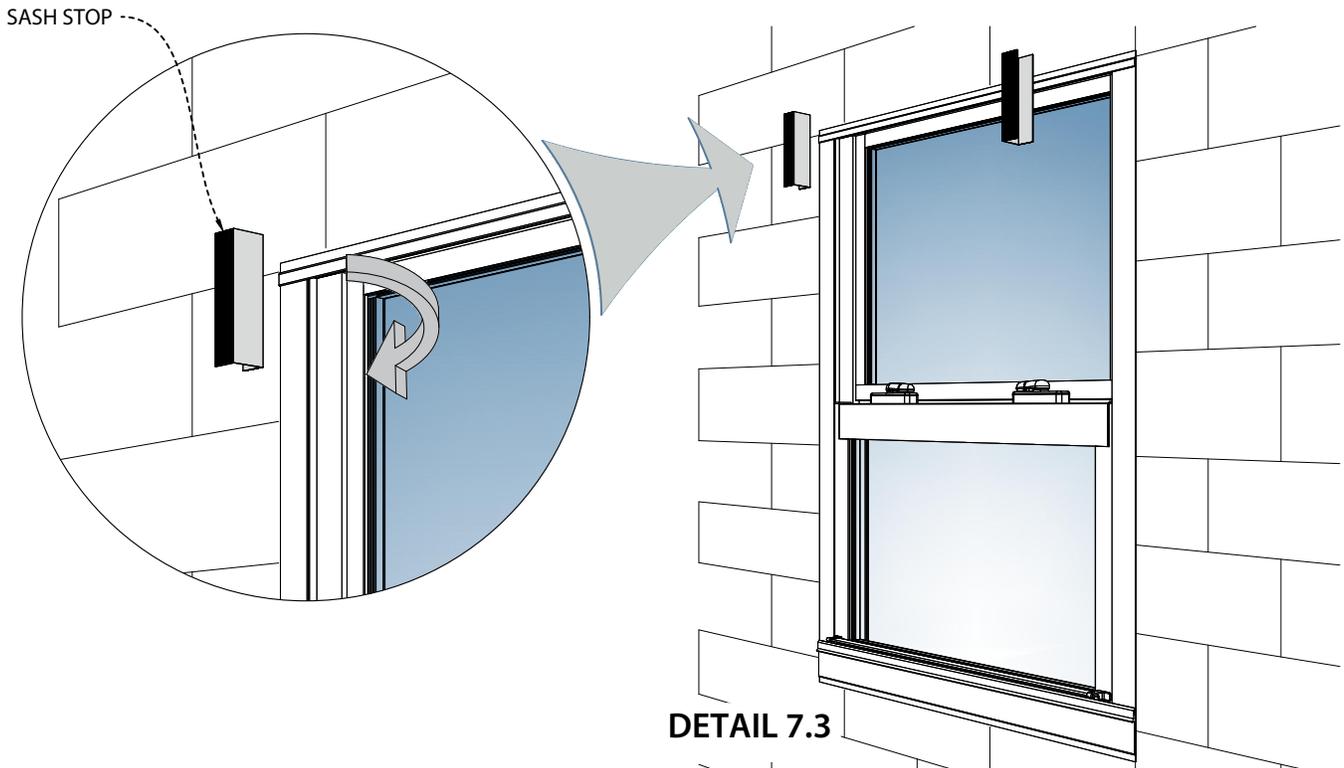


DETAIL 7.2 A



DETAIL 7.2 B

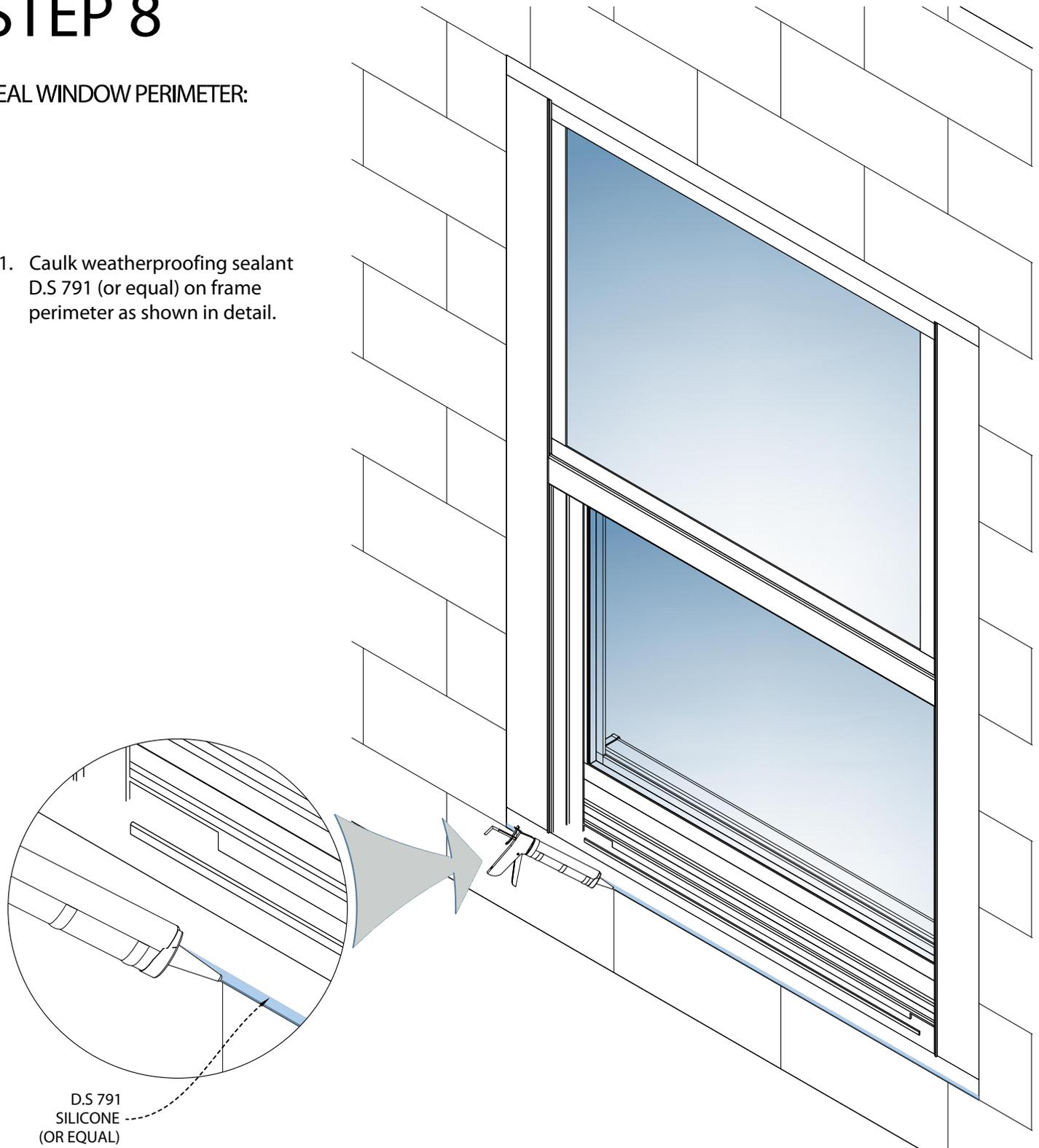
7.3. Place the sash stop as shown in the detail below.



STEP 8

SEAL WINDOW PERIMETER:

- 8.1. Caulk weatherproofing sealant D.S 791 (or equal) on frame perimeter as shown in detail.



D.S 791
SILICONE
(OR EQUAL)

INSTALLATION INSTRUCTIONS

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