

ES-FX2020



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:

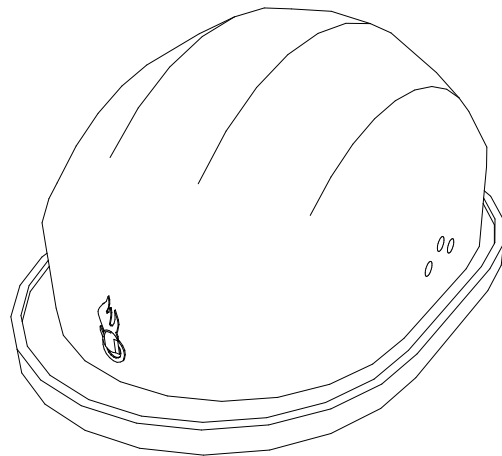
Contractors must have and execute an adequate QA/QC policy to guarantee the product installation is within industry standards and ESW guidelines. Once the product is received in acceptance by the contractor, any damage or installation problems are no longer responsibility of ESWINDOWS.

INTRODUCTION

ES-FX2020, Fixed window system which can be used as ES-SGD2020 sidelite.

This guide illustrates step by step the correct way to install the system.

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



INSTALLATION INSTRUCTIONS

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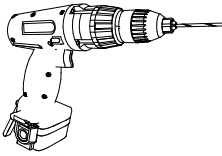


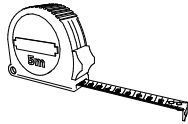

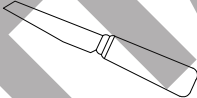
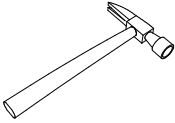
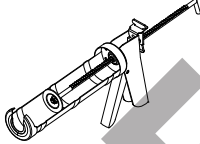
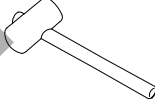
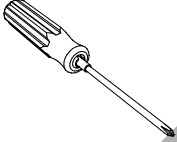

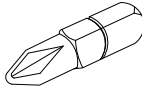
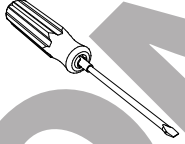
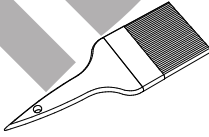
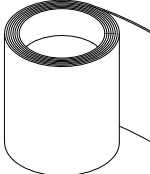
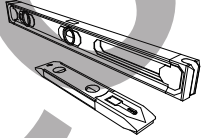
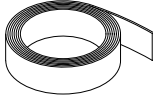
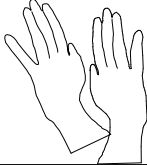
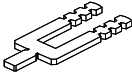
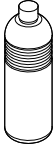

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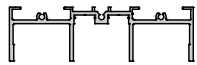
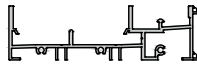
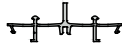









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Panels installation Page. 11-12

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Perimeter seal..... Page. 13

REVIEWS

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-SGD2020-001		HEAD 3 TRACK
ES-SGD2020-002		SILL 3 TRACK
ES-SGD2020-003		FRAME SILL COVER 3 TRACK
ES-SGD2020-007		HI-SILL RAISER
ES-SGD2020-008		STANDARD SILL RAISER
ES-SGD2020-045		FX-2020 MULLION INTERIOR PRESSURE PLATE
ES-SGD2020-046		FX-2020 MULLION INTERIOR PRESSURE PLATE COVER
ES-6011		HEAD SCREW COVER
ES-SGD2020-010		JAMB COVER
#12 x 1 1/2" P.H. screws		FOR FRAME ASSEMBLY
#10x1/2" P.H. ST/ST Self drilling screw		FOR PRESSURE PLATE
D.S 791 Weatherproofing sealant		WEATHERPROOFING SEALANT

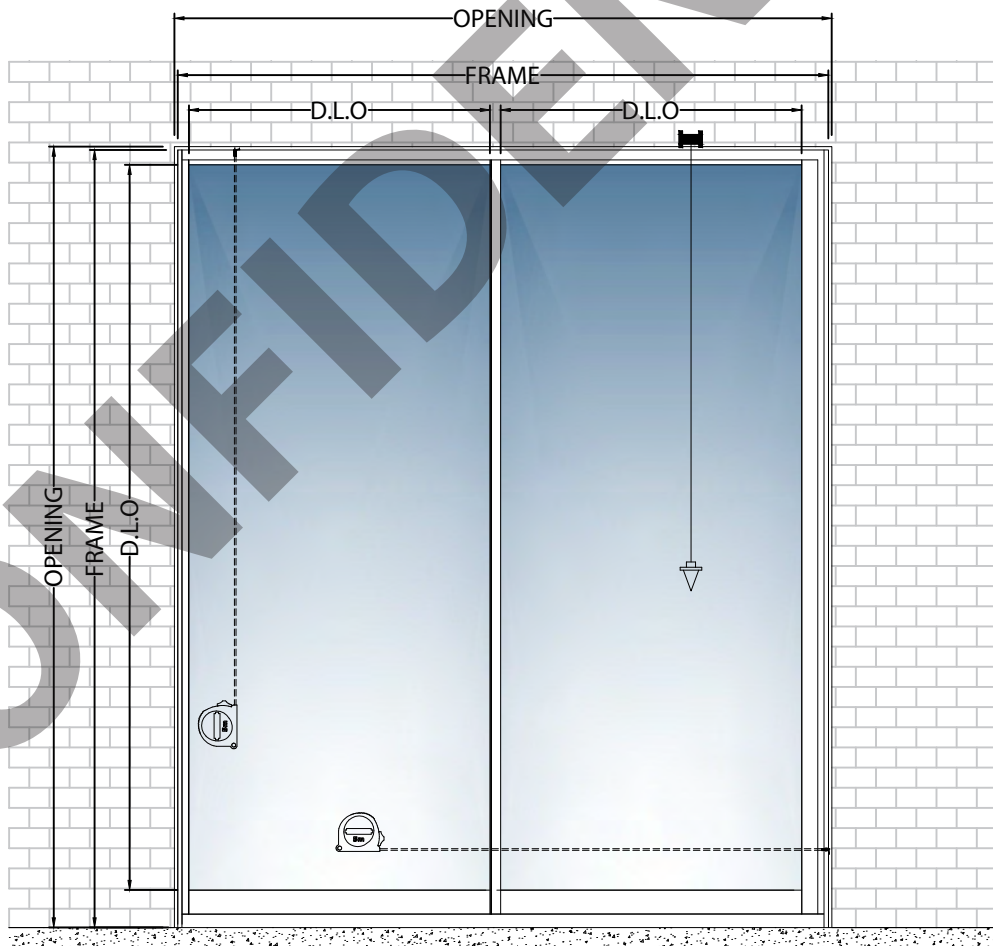


Follow technical manuals and guides by sealant manufacturers to apply silicone correctly.

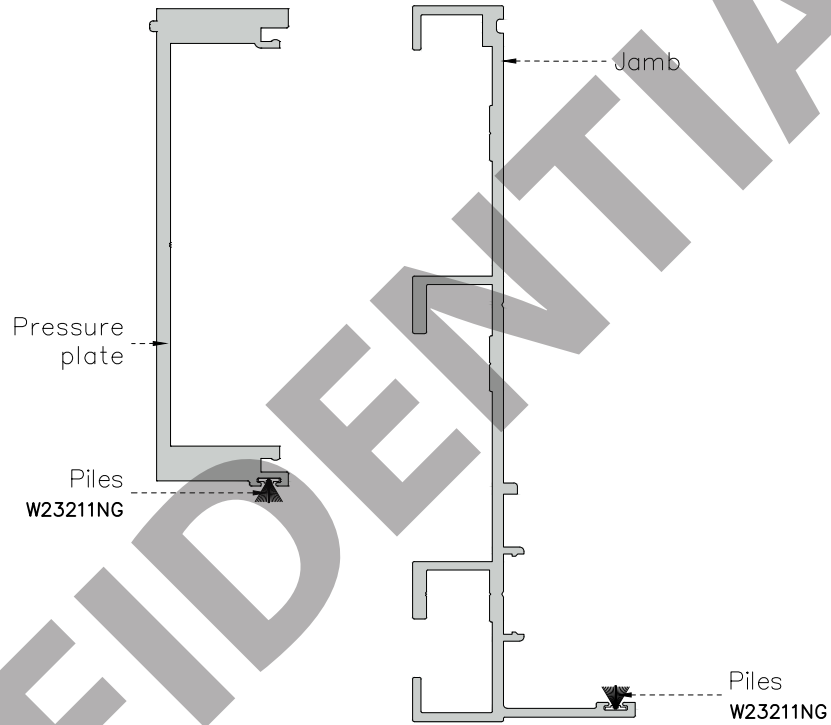
STEP 1

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. Correct as necessary.
- 1.2 Check all material upon arrival for quantity and damage.
- 1.3 Remove any debris that interferes with the proper installation of the unit.
- 1.4 In case of any irregularities notify ESWINDOWS.



- 1.5. Verify configurations in shop drawings to check that piles are installed in jambs and pressure plates as shown in the detail below.

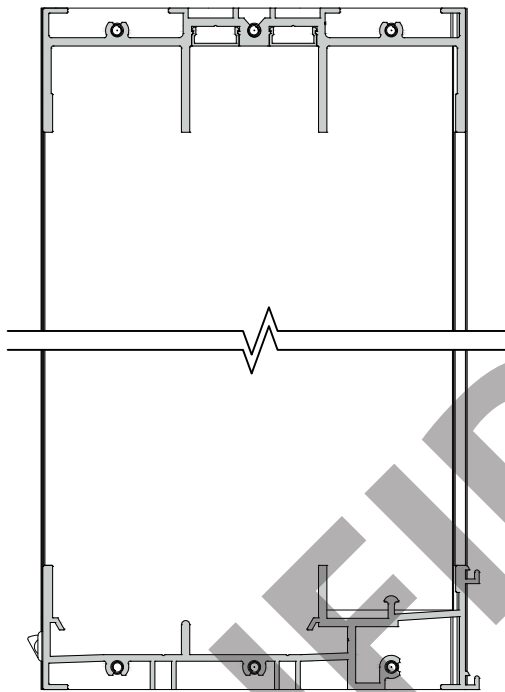


STEP 2

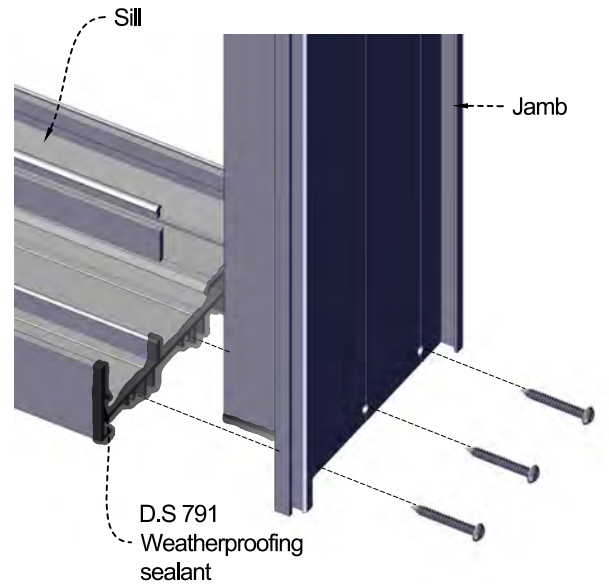
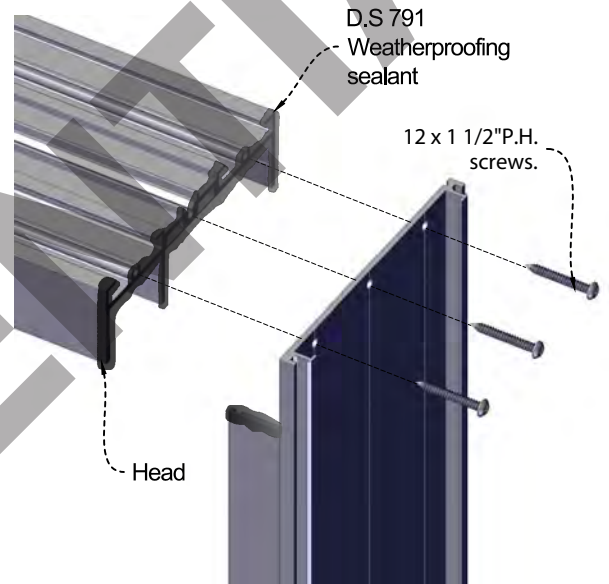
FRAME ASSEMBLY:

- 2.1. Clean frame surfaces to be in contact with sealant.
- 2.2. Verify shop drawings to assemble frame parts.

- 2.3. Apply D.S 791 weatherproofing sealant to head and sill ends surfaces. Assemble the frame with #12 x 1 1/2"PH screws and tool sealant into joints.

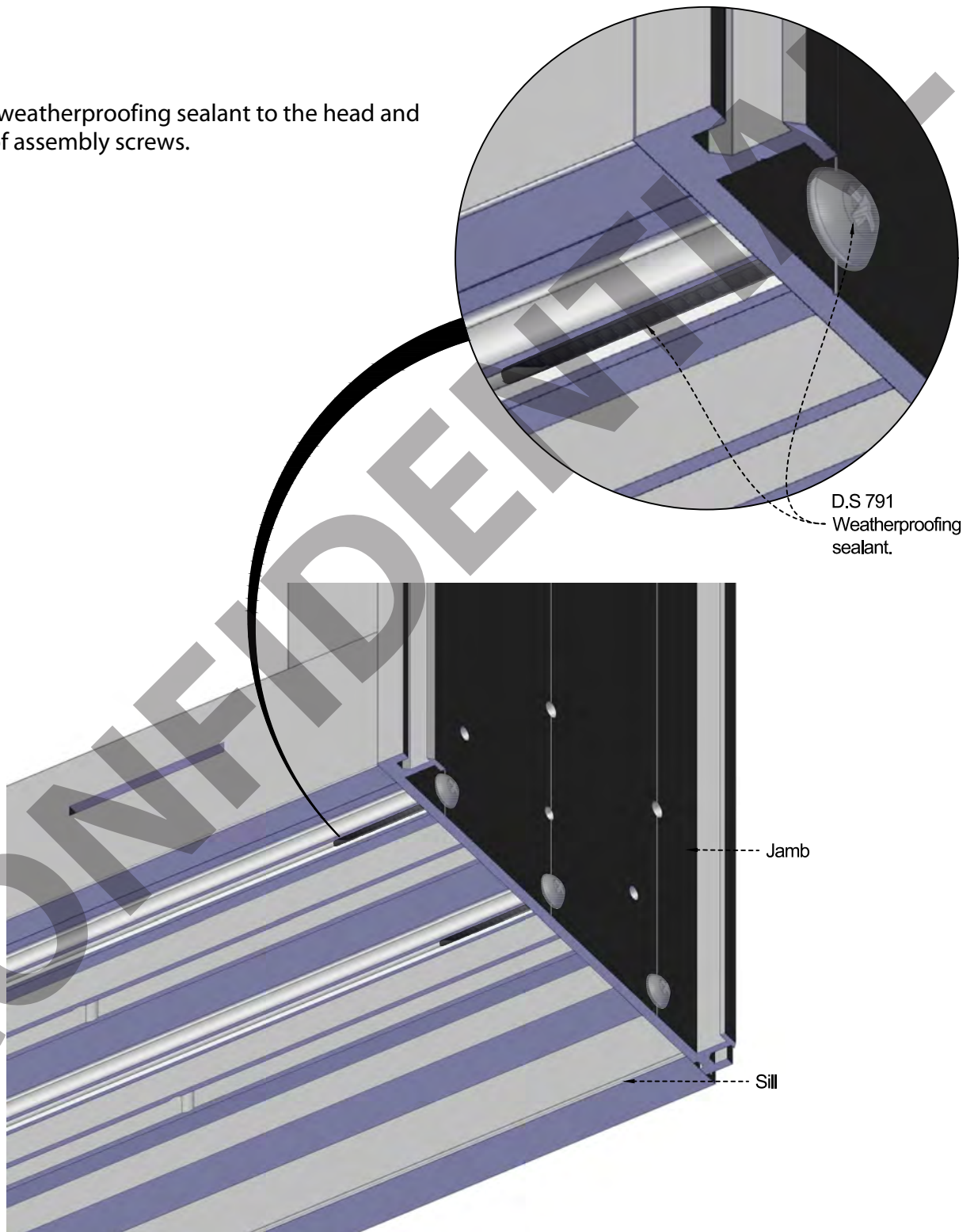


DETAIL 2.2.



DETAIL 2.3.

- 2.4. Apply weatherproofing sealant to the head and body of assembly screws.



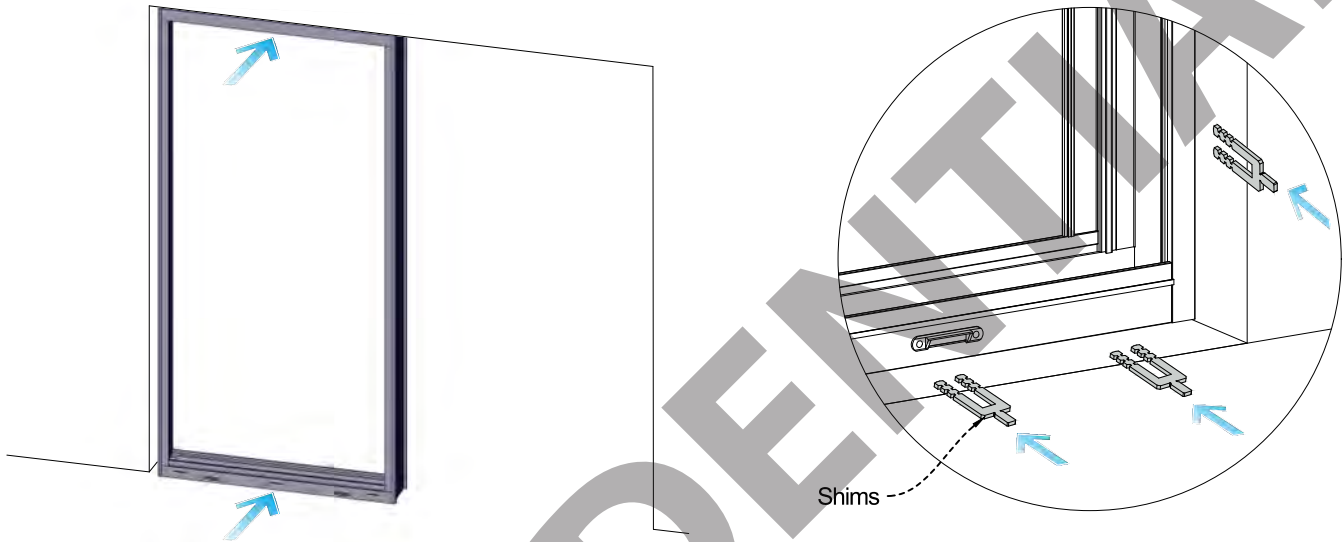
STEP 3

FRAME INSTALLATION:

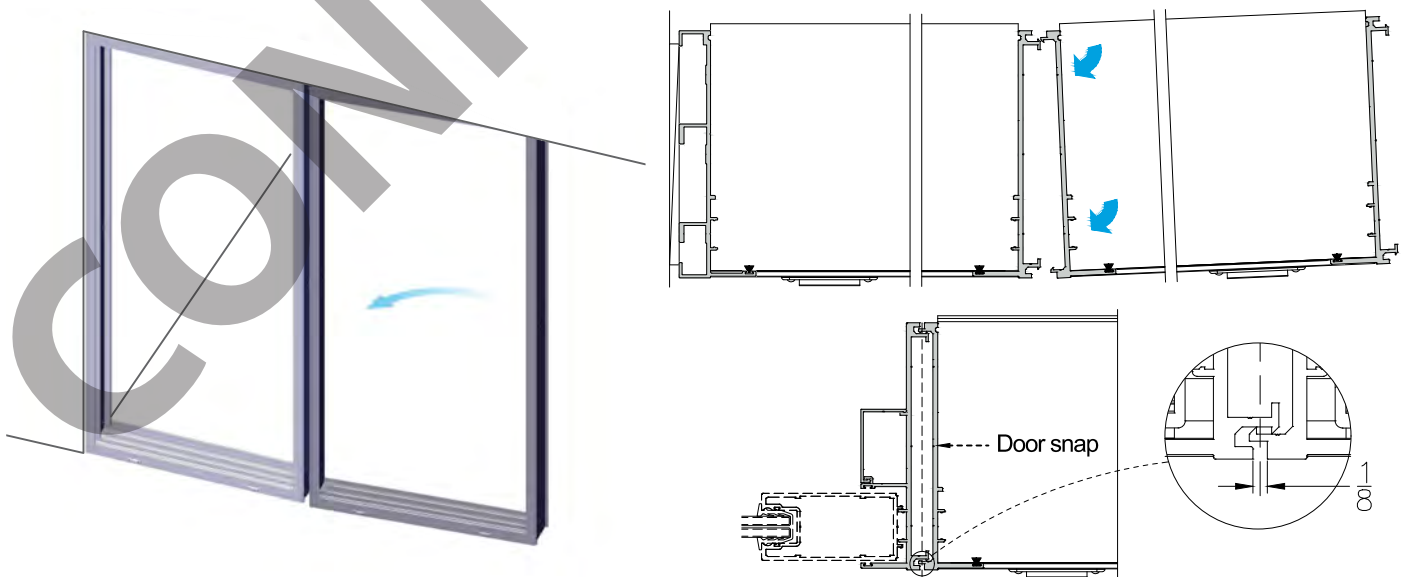


Use only high density plastic shims to level the frame.

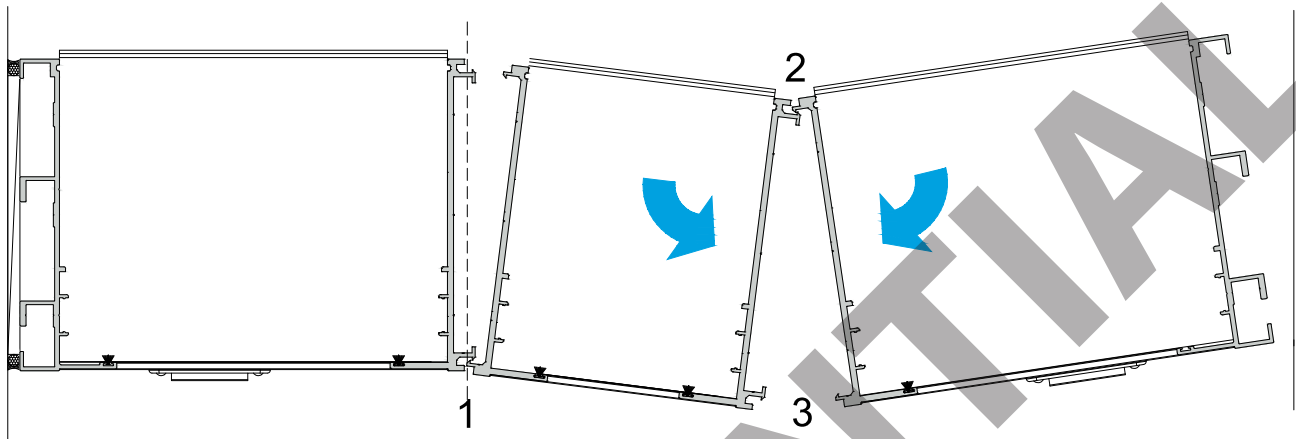
3.1. Clean any debris and locate the frame in the opening. Shim as required.



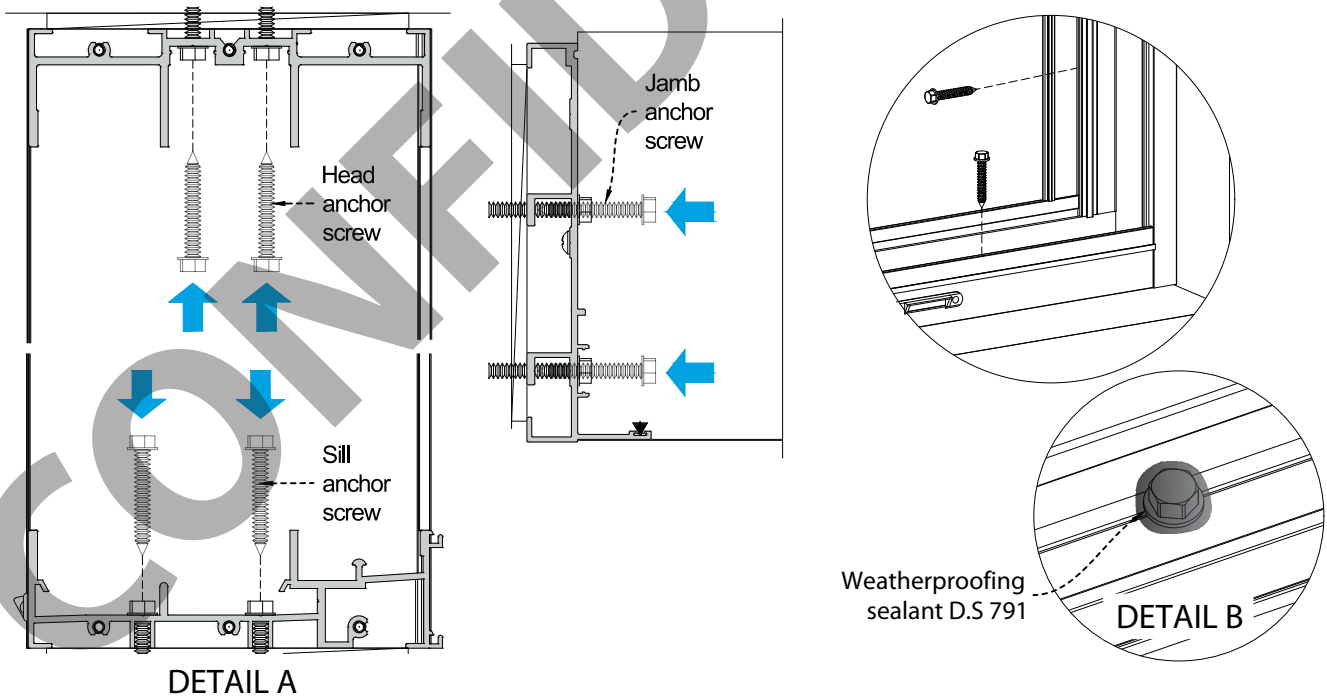
3.2. Install second section: Locate second frame section into the opening and snap mullions as shown in detail below. Spacing between mullions must be of 1/8".



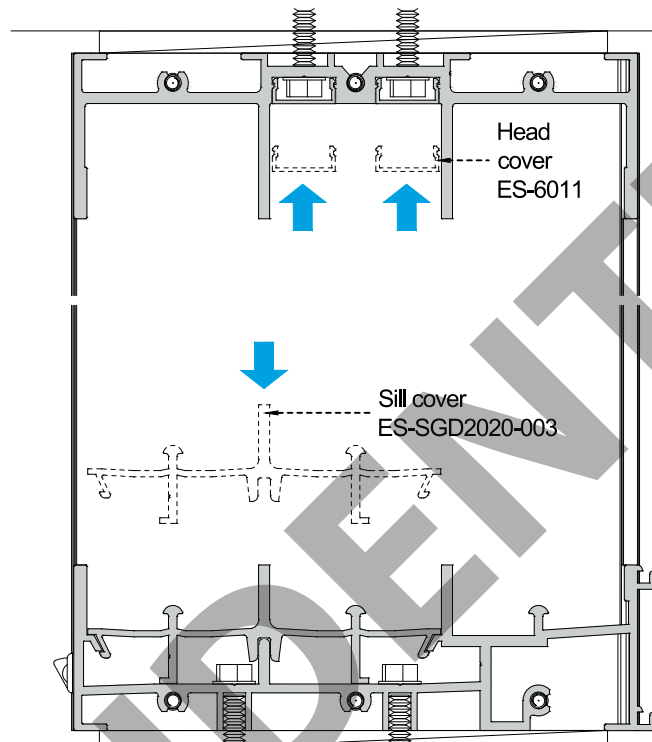
3.3. The last two frames must be snapped at the same time as shown in detail bellow.



3.4. Adjust and level frames as required. Use frame holes as a guide to install anchor screw (Detail A). Apply sealant over sill screw heads (Detail B).



3.5. Install head and sill covers as shown in detail below.



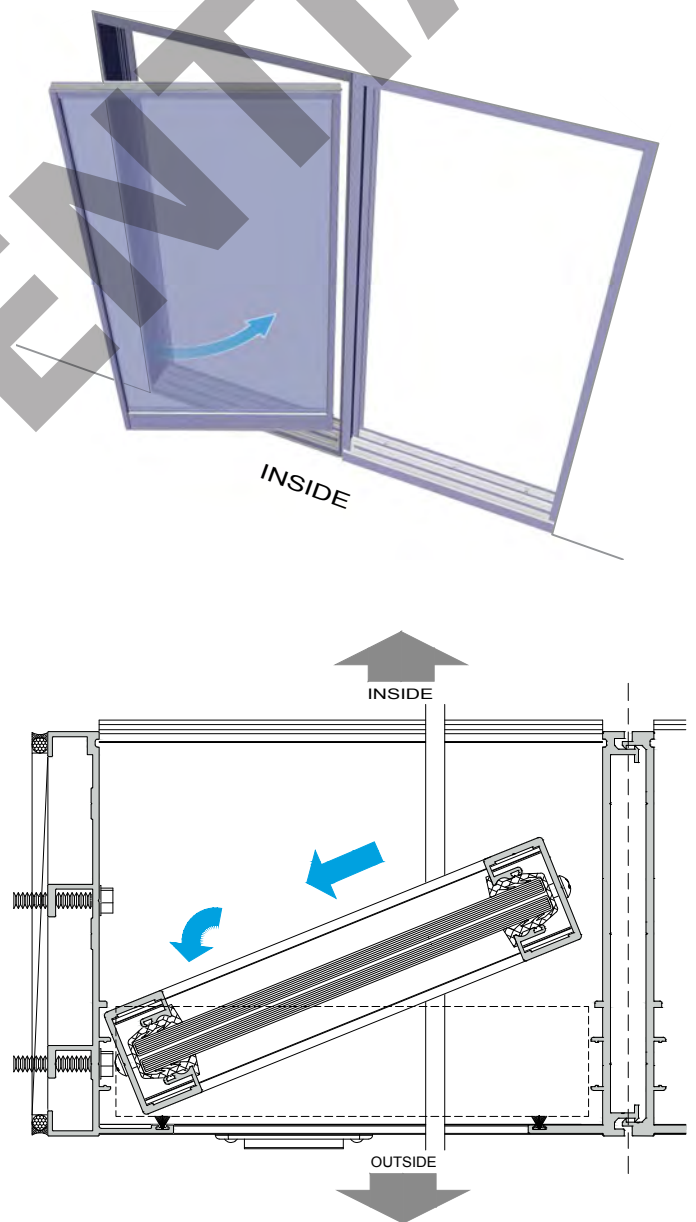
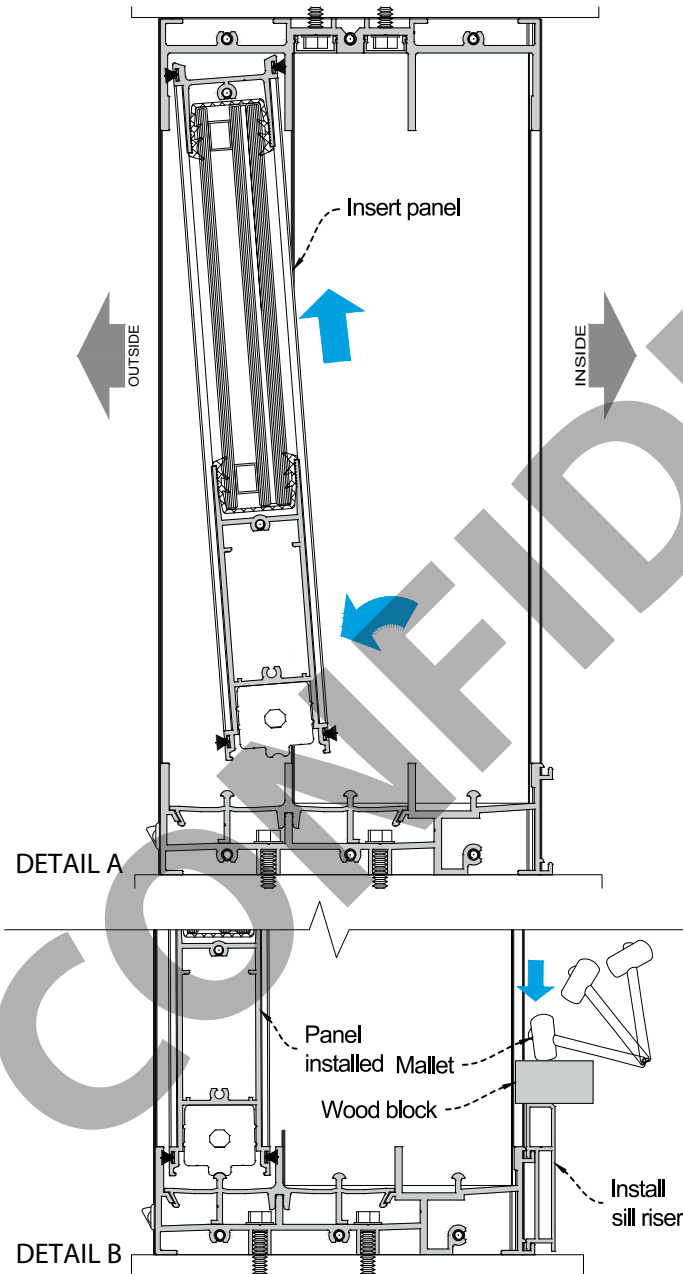
STEP 4

PANELS INSTALLATION:

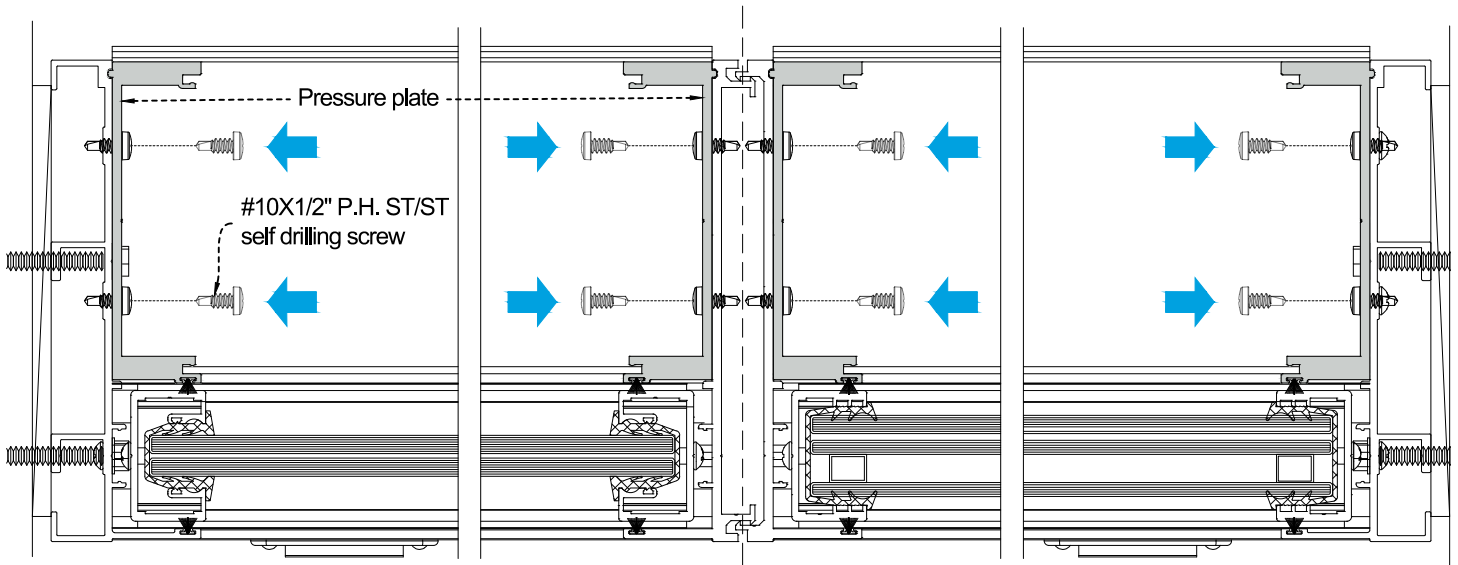
- 4.1. Install panels from the inside as shown in detail A.
- 4.2. Proceed to install sill riser and attach to sill using a mallet and wood block.



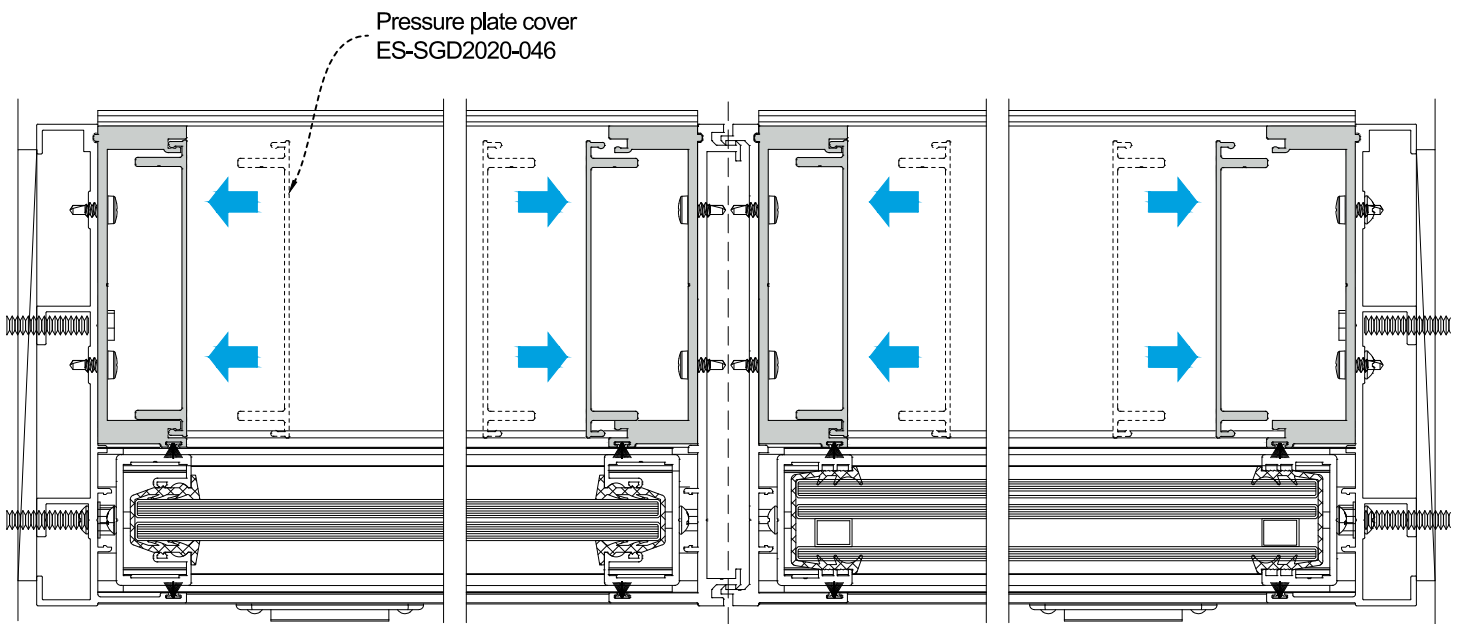
Verify that pressure plates are not assembled into the frame prior to panels installation. If pressure plates are factory-assembled, proceed to remove them to install panels.



4.3. Install pressure plates using #10 x 1/2" P.H self drilling screws. Use pressure plate holes to drill through the jamb and install attachment screws .



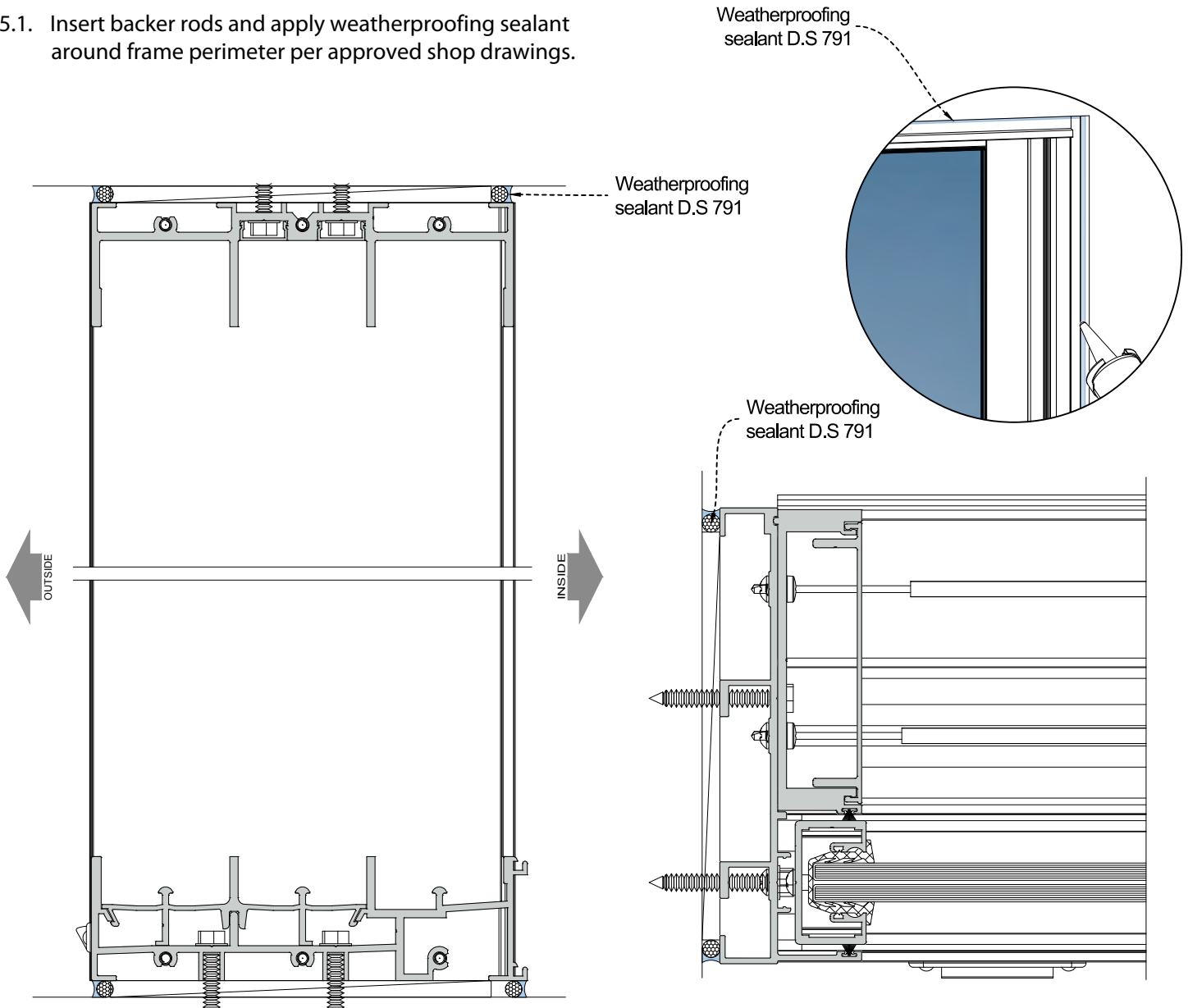
4.4. Install pressure plate covers with the help of a mallet and a wood block.



STEP 5

PERIMETER SEAL:

5.1. Insert backer rods and apply weatherproofing sealant around frame perimeter per approved shop drawings.



INSTALLATION INSTRUCTIONS

REVIEW No.	FECHA	DESCRIPTION	BY.	PAGE.
△ 2	06-03-17	Sill riser installation procedure was included and Dow Corning sealant was replaced by Dow Sill.	M.Castilla	11 6,7,9,13
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