

ES-EL300



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:

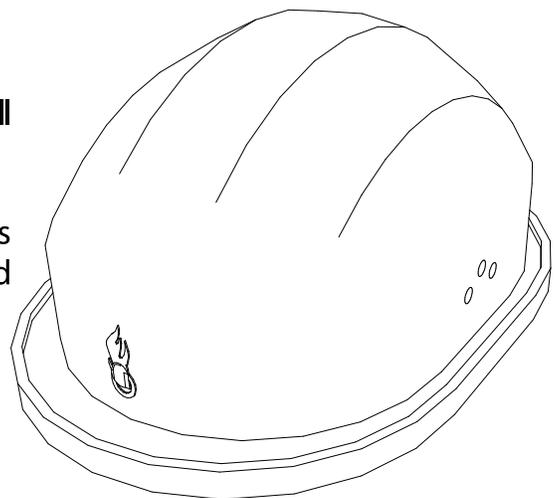
Contractors must have and execute an adequate QA/QC policy to guarantee the product installation is within industry standards and ESW guidelines. Once the product is received in acceptance by the contractor, any damage or installation problems are no longer responsibility of ESWINDOWS.

INTRODUCTION

ES-EL300 is an Elite swing door system.

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 drawings.



INSTALLATION INSTRUCTIONS

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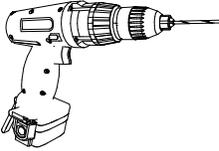
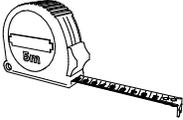
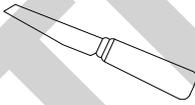
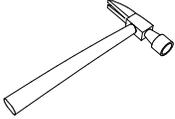
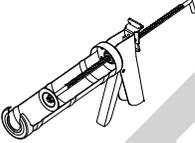
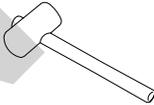
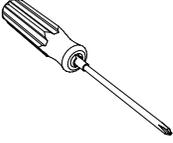
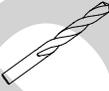
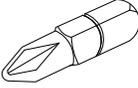
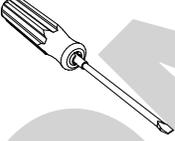
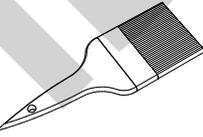
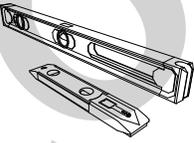
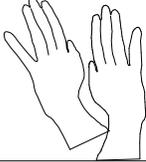
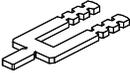
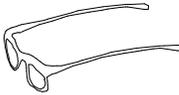
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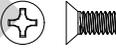
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REVIEW

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

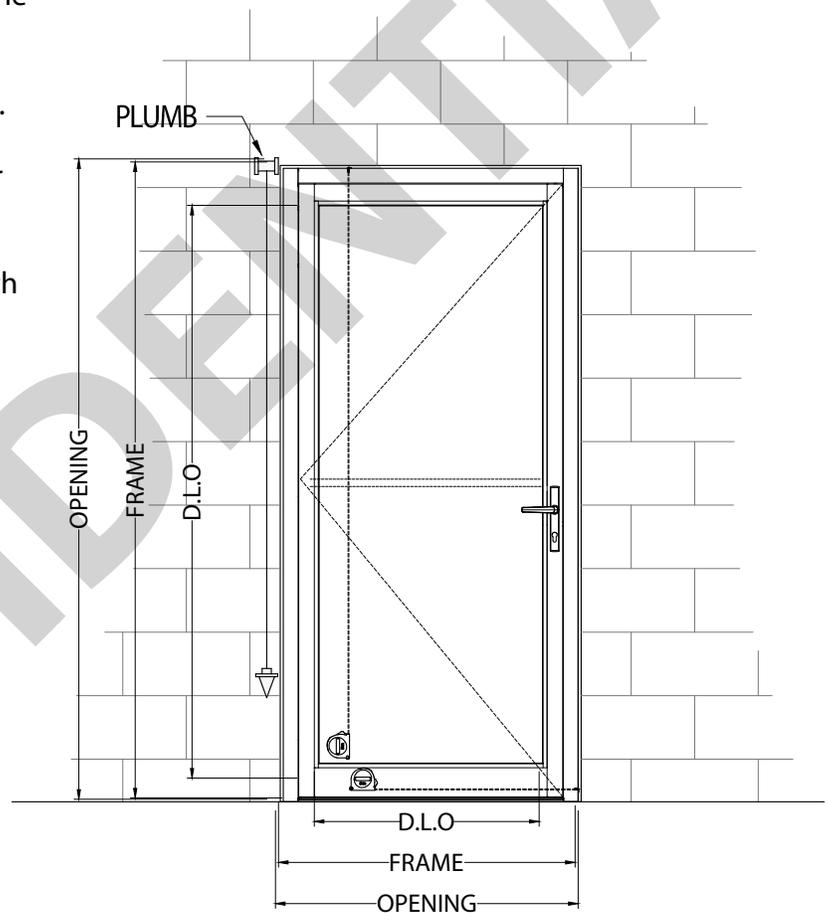
PARTS REQUIRED FOR INSTALLATION		
PART	DETAIL	DESCRIPTION
ES-EL300-012		COVER
ES-EL300-018		HEAD COVER
ES-EL300-019		THRESHOLD COVER
ES-6011		SIIL ADA COVER
DL01-6100-FINISH		ARIA HANDLE SET AND KEY CYLINDER
DL01-6120-FINISH		INACTIVE ARIA HANDLE
# 12-24 X 1/2" F.H.		HINGE SCREW
10 X 3/4" P.H.		FOR COVER
DL01-6309-FINISH		DOOR LOCK
DL01-6310-FINISH		DEADBOLT LOCK
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:

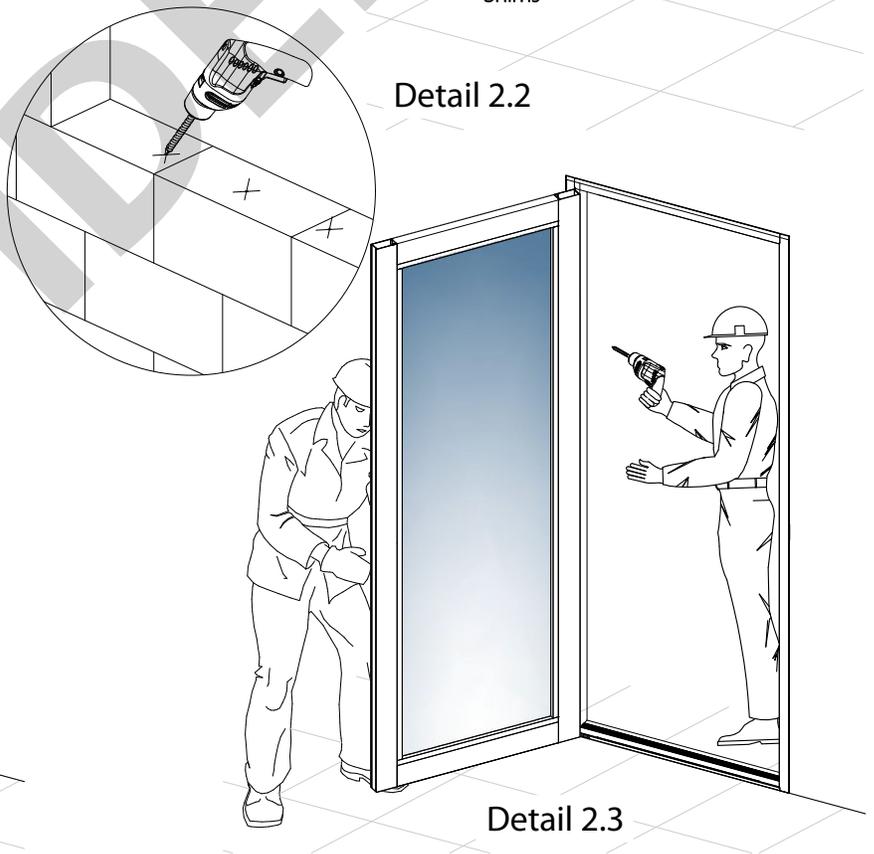
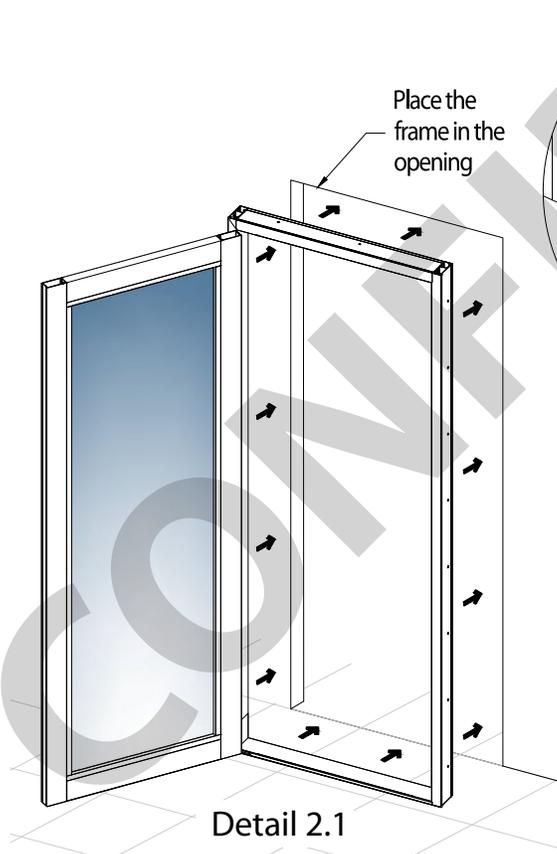
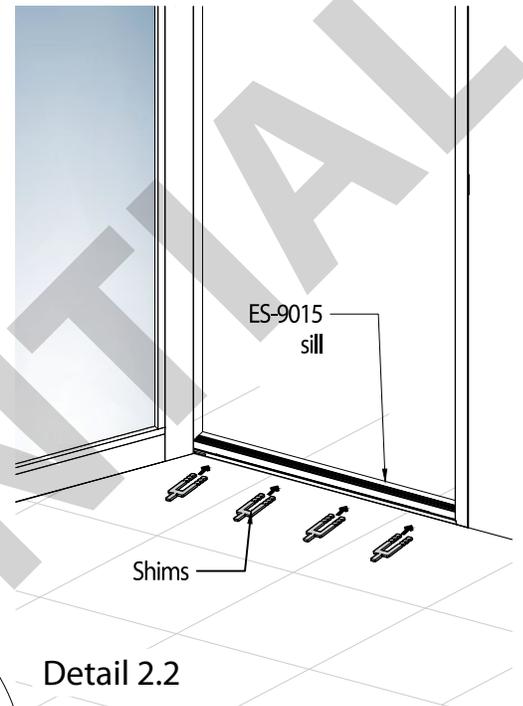
- 1.1 The opening should be checked for the correct size as determined by dimensions listed in the architectural specifications and the shop drawings.
- 1.2 Check all the material upon arrival for quantity and damage.
- 1.3 Remove any debris that interferes with the proper installation of the unit.
-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



STEP 2

DOOR INSTALLATION:

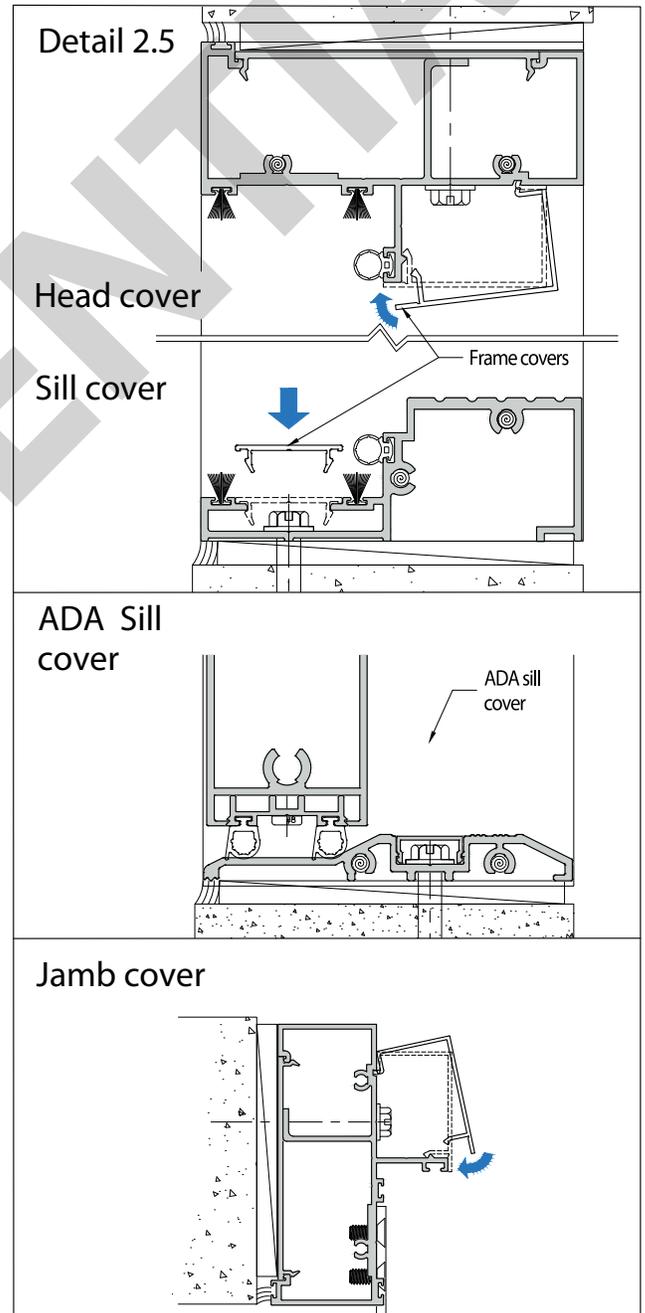
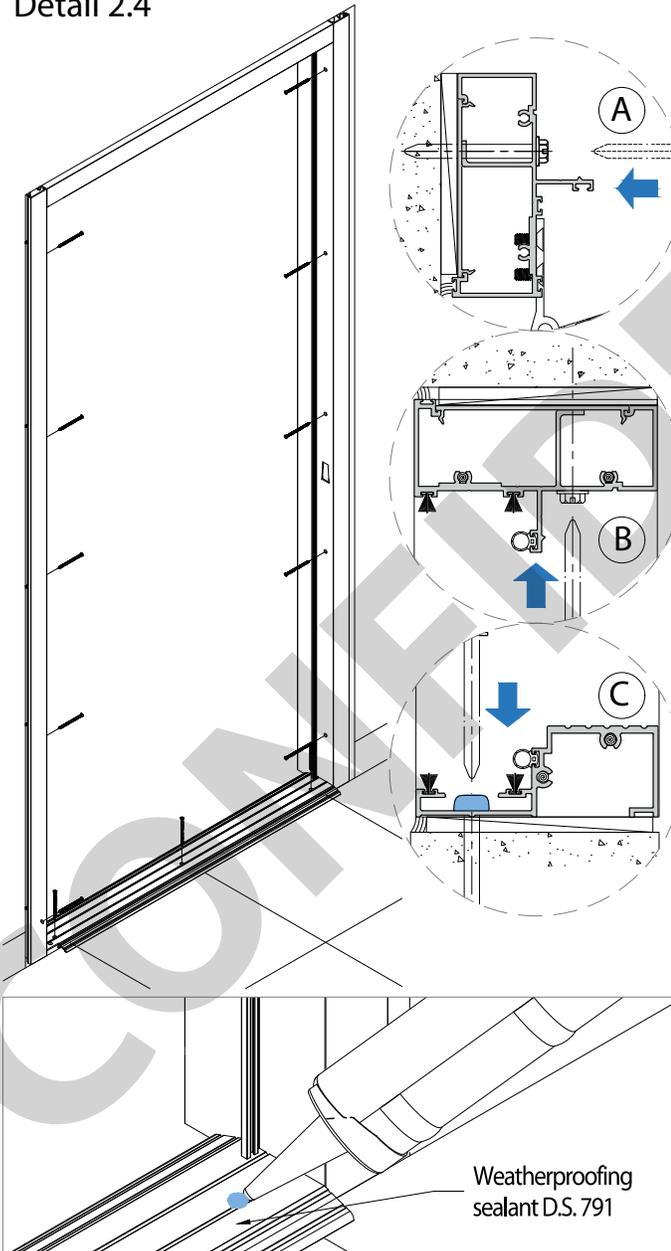
- 2.1. Clean the opening from any material that could interfere with the installation process and place the door into the opening.
- 2.2. Level the frame in the opening by placing plastic shims. Do not use wood or other types of material. Verify frame squareness and diagonals.
- 2.3. Use anchor perforations as a guide to drill installation holes on to the opening.



2.4. Attach anchor screws as shown in detail 2.4 starting with jamb screws (A) then head (B) and sill (C) screws. Use weatherproofing silicone D.S. 791 to seal screw heads.

2.5. Install covers as shown in Detail 2.5

Detail 2.4



2.6. ATHENA HINGE ADJUSTMENT

Lateral Adjustment: (Note Lateral and height adjustment can be made simultaneously)
 Slacken off both M5 Cap Head Screws on all hinges (and ensure they are re tightened after adjustment). The Door can now be moved one way or the other about the nominal position.



Lateral Adjustment

+/- 4mm
 4mm Allen Key

Lateral Adjustment

+/- 4mm
 4mm Allen Key

Open the Door to expose the Compression Adjustment Grub Screws
 Rotate the Grub Screws Anti-Clockwise to increase compression using a 3mm Allen Key
 Note both Grub Screws must be rotated by an equal amount to ensure even adjustment



Compression Adjustment

+2mm
 3mm Allen Key

STEP 3

HANDLE INSTALLATION:

3.1. Install Aria handle set as shown in detail:

INACTIVE HANDLE:
DL01-6100-FINISH

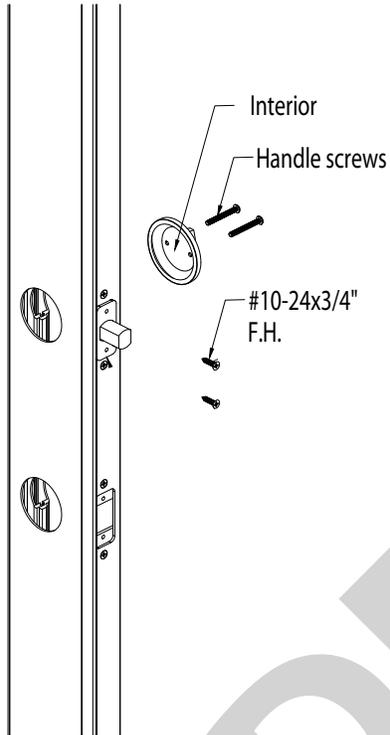
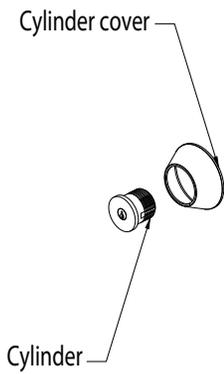
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Twinbolt must be factory assembled

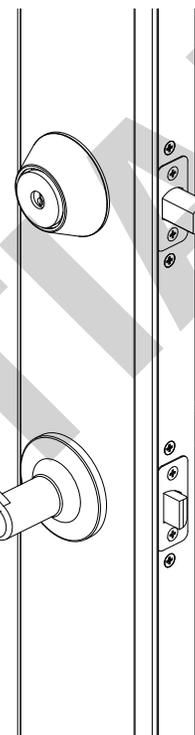
ACTIVE HANDLE:
DL01-6120-FINISH

3.2. Install Norwood handle set as shown in detail.

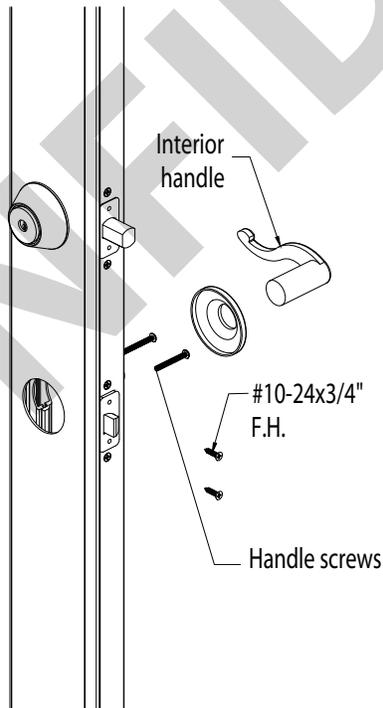
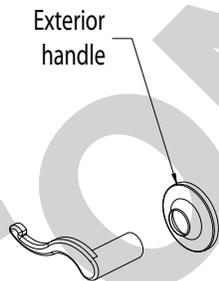
1. DEADBOLT LOCK: DL01-6310-FINISH



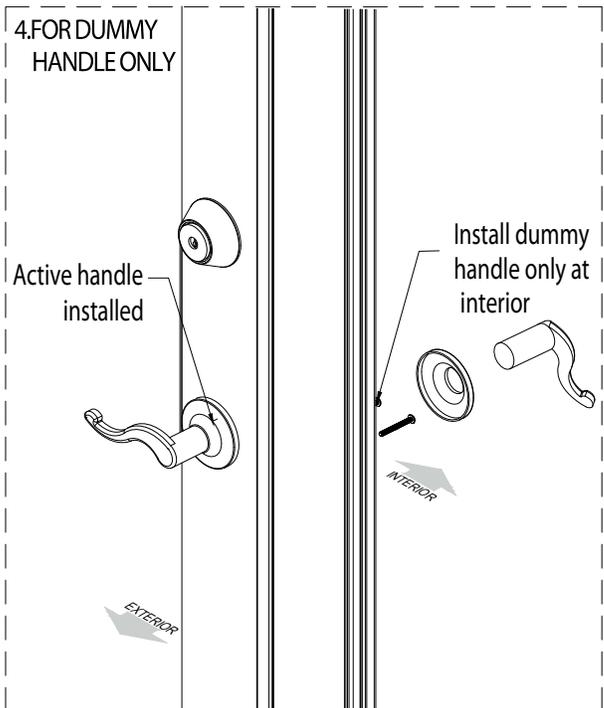
3. HANDLE INSTALLED



2. DOOR LOCK DL01-6309-FINISH



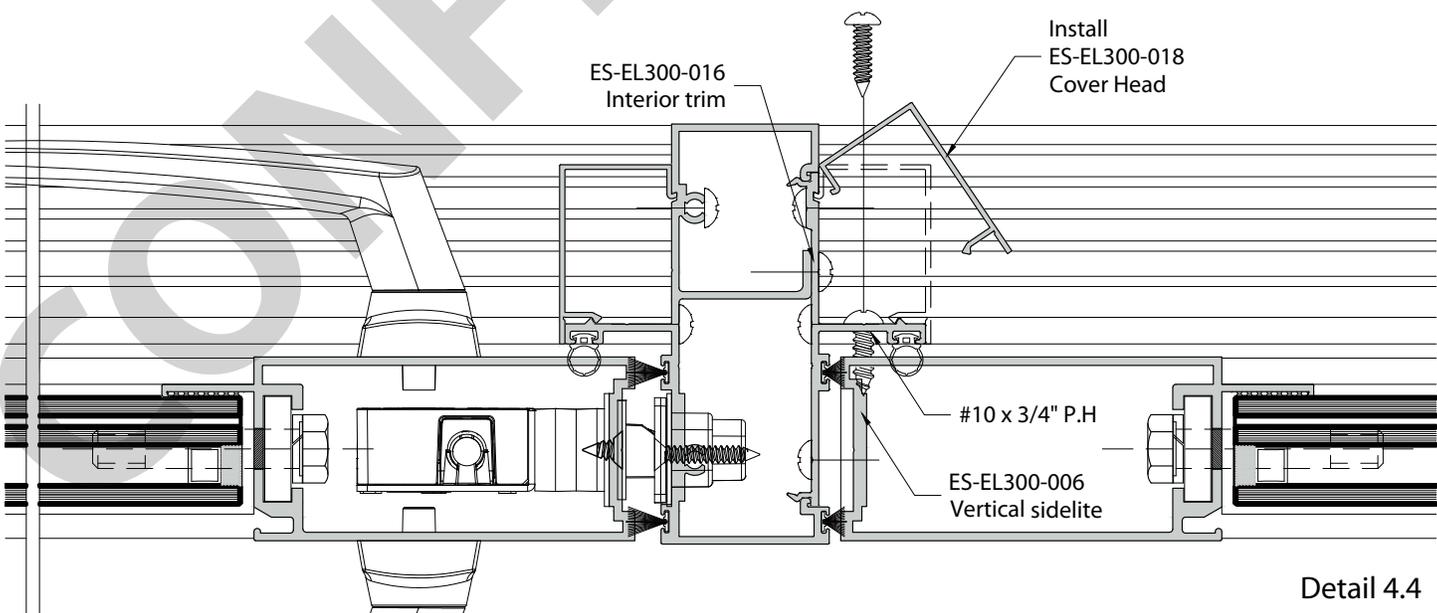
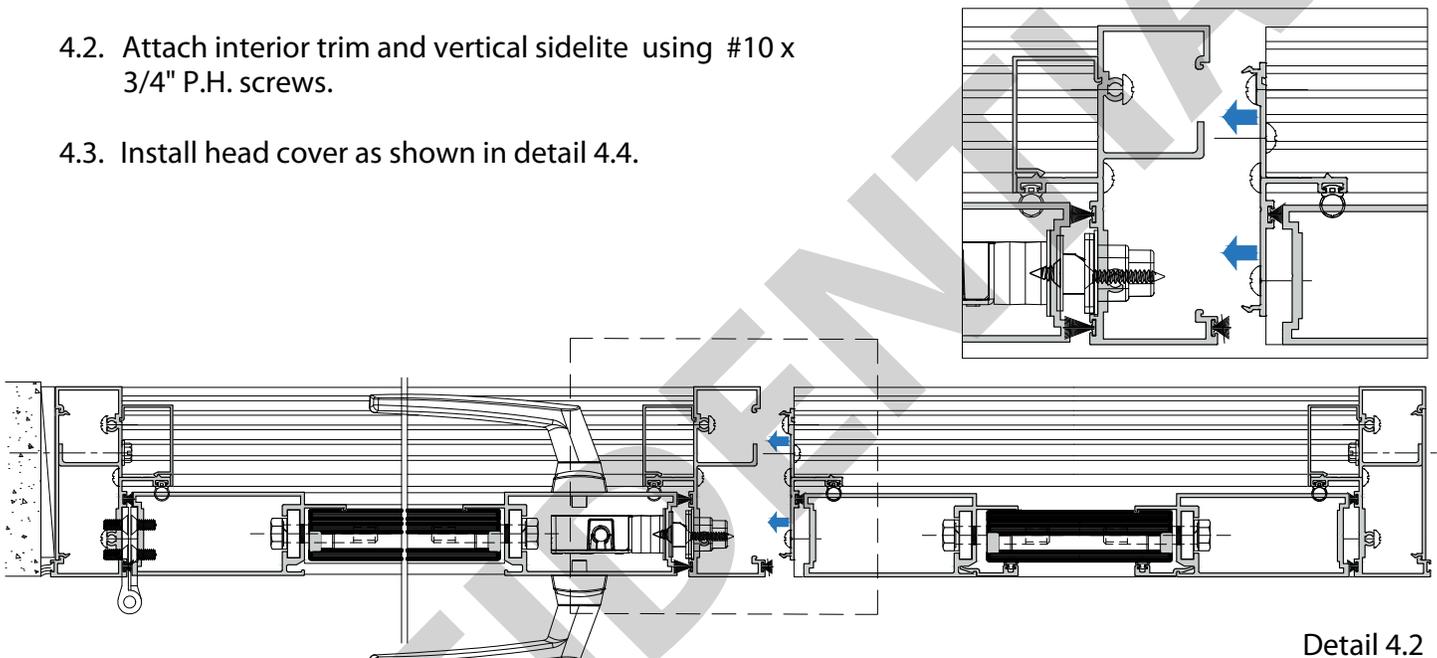
4. FOR DUMMY HANDLE ONLY



STEP 4

SIDELITE INSTALLATION:

- 4.1. Snap sidelite on to frame and repeat step 2 for its installation.
- 4.2. Attach interior trim and vertical sidelite using #10 x 3/4" P.H. screws.
- 4.3. Install head cover as shown in detail 4.4.



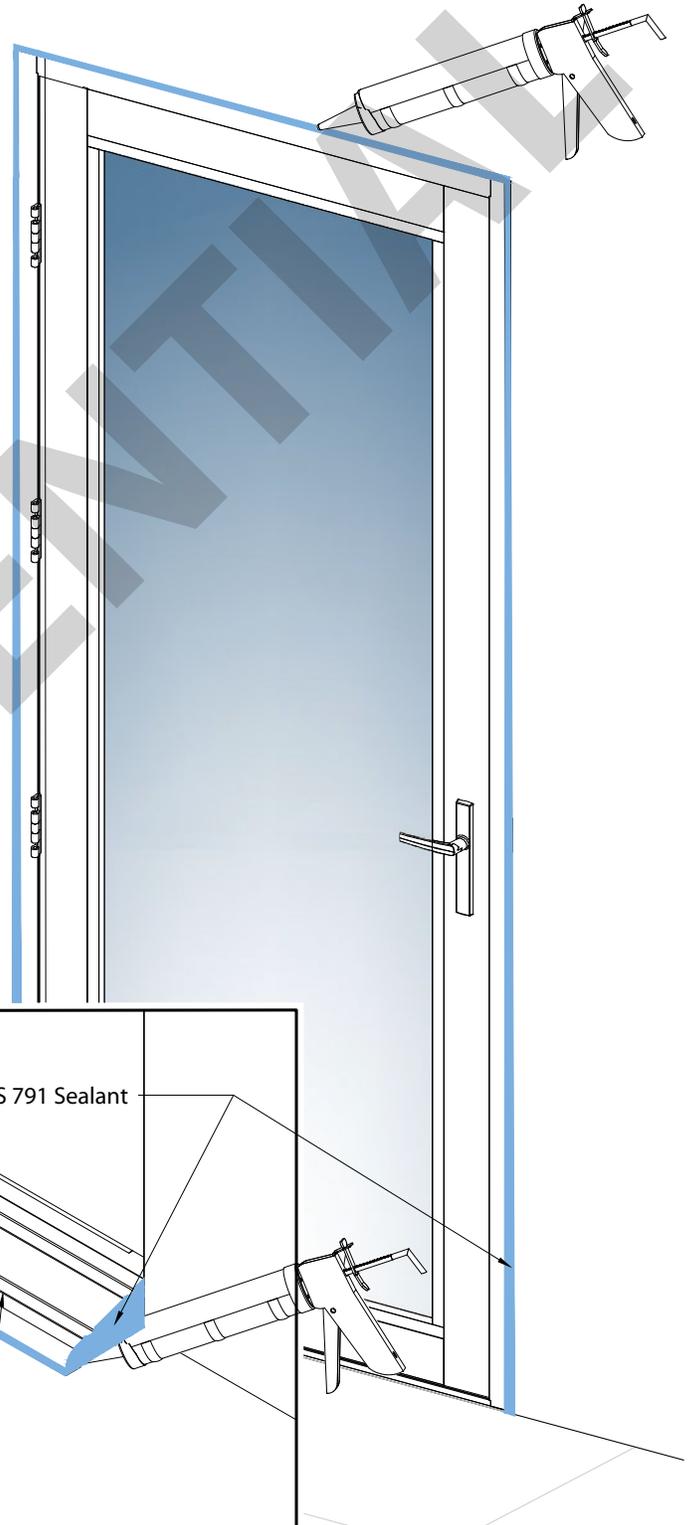
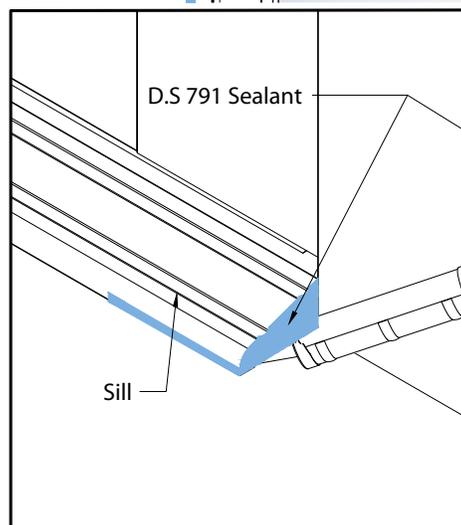
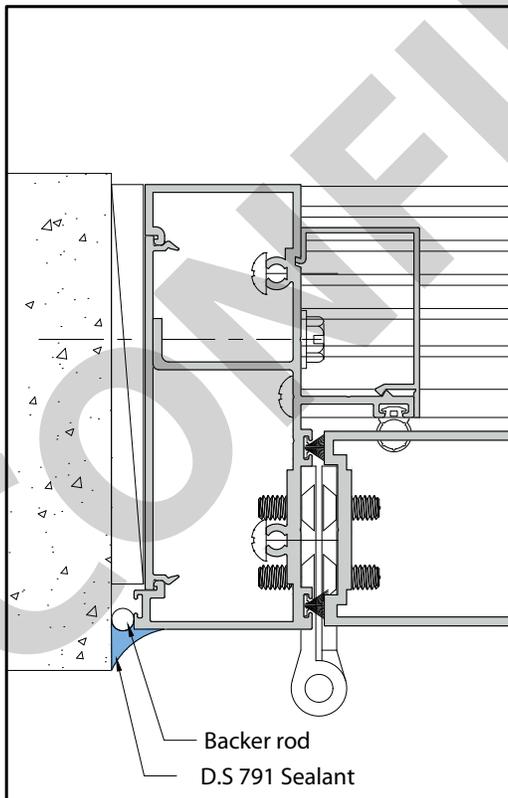
STEP 5

SEAL PERIMETER:

- 5.1. Insert backer rod and seal the door perimeter applying D.S 791 or equal weatherproofing sealant.



Seal the ES-EL300-003 sill bottom and sides.



REVIEW No.	DATE	DESCRIPTION	PAGE	BY
2	03-05-18	Aria active and inactive kit references were updated. Norwood handle kit references were updated. Inactive handle installation process was added	3,9	MC
3	13-06-18	Norwood dummy handle installation process was included. Perimeter seal was updated.	10,12	MC
4	02-08-18	Cylinder for three point lock handle was updated.	9	MC
5	26-06-19	Leaf removal and leaf installation steps removed due to changes in installation procedures - general update.	4-12	AG
6	24-10-2019	Added fixed plate for inactive leaf	7	AG
7	13/05/2020	Added page for athena hinge adjustment details.	7	AG

Av. Circunvalar a 100 mts de la Via 40 Las Flores
Barranquilla, Colombia PBX: (57 5) 3664600
service@eswllc.com, PBX: (+1) 305 5074545

BY Andres Gonzalez Palmett