

FRENCH DOOR 9950A (IMPACT) / 9850A (NONIMPACT)

ASSEMBLY INSTRUCTIONS

WINDOOR

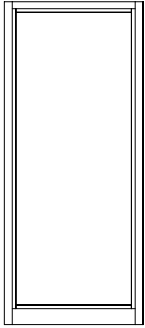
LUXURY INNOVATIONS FOR WINDOWS & DOORS

WARNING

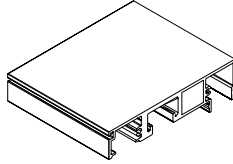
PROPER INSTALLATION PROCEDURES ARE NECESSARY TO INSURE THE PERFORMANCE OF THIS PRODUCT. PLEASE REVIEW INSTRUCTIONS INCLUDED WITH THIS PRODUCT COMPLETELY BEFORE STARTING INSTALLATION. FAILURE TO FOLLOW RECOMMENDED INSTALLATION PROCEDURES CAN RESULT IN VOIDING THE WARRANTY.

MATERIALS

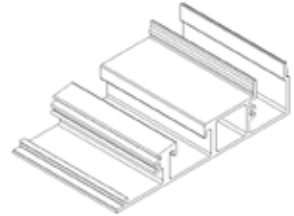
(1) PANELS
(see sections pg 11)



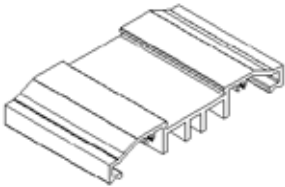
(2) HEAD



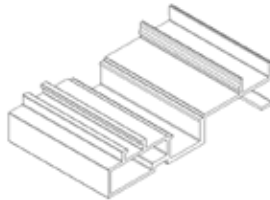
(3) SILL



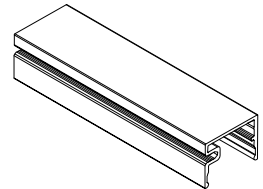
(4) FLUSH SILL



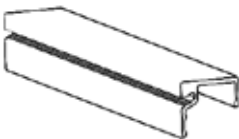
(5) JAMBS



(6) HEAD/JAMB
ADAPTERS



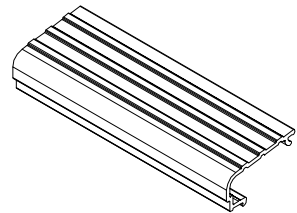
(7) SILL RISER



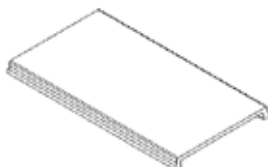
(8) GROOVE COVER



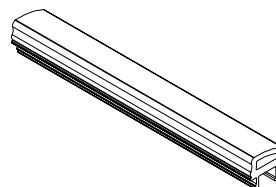
(9) THRESHOLD COVER



(10) FLUSH SILL COVER

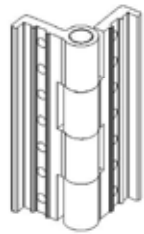


(12) SASH MEETING GASKET



MATERIALS

(13) STANDARD
HINGE ASSEMBLY



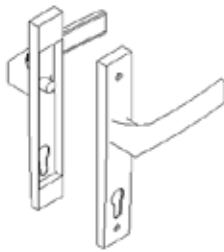
(15) STRIKER



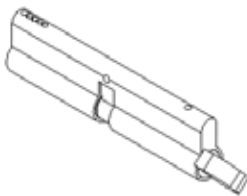
(16) KEEPER



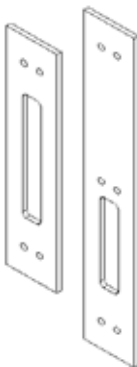
(17) ACTIVE HANDLE SET



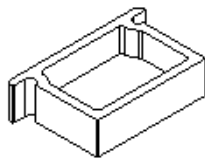
(18) LOCK CYLINDER KIT



(19) SHIMS



(21) GROOVE CAP



(22) HINGE PLATE
WITH FASTENERS



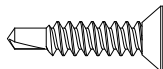
(23) 1/32" HINGE SHIM



(25) #8 X 3/4" FH HARDWARE
SCREWS



(26) #10 X 1" PH TEK FRAME
ASSEMBLY SCREWS



(27) LADDER PULL OPTION



RECOMMENDED EQUIPMENT

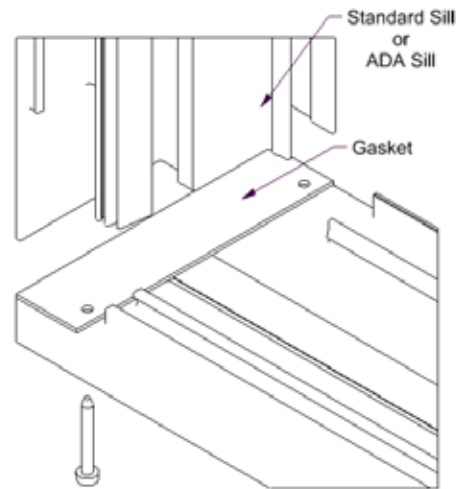
- Drill with several drill and driver bits
- #2 Screwdriver
- Rubber Mallet
- 2x4 Block of wood
- Glass suction cups
- Plastic, nylon, or composite shims
- Double sided tape
- Anchors
- 6' Level
- Torpedo level
- Framing Square
- String line
- High performance silicone or polyurethane for perimeter seals, screws, and joints
- Scribe
- Tape measure
- Laser level
- Safety glasses
- Denatured alcohol

1. PREPARING THE ROUGH OPENING

Please refer to FMA/AAMA/WDMA standards for proper preparation of opening (See Florida Building Code - Residential, Section R703.4, Commercial Section 1405.4).

Step 1. Prepare the rough opening and clear of debris.
Ensure that the opening is true, level, plumb, and square.

Step 2. Open packaging and inspect parts for damage.
Ensure that all parts are provided and correct before beginning any assembly.



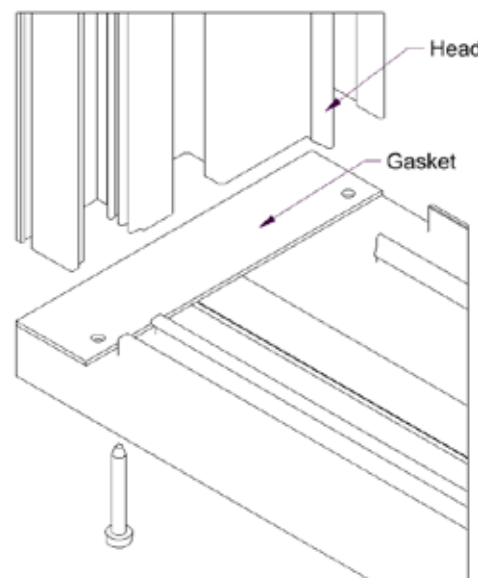
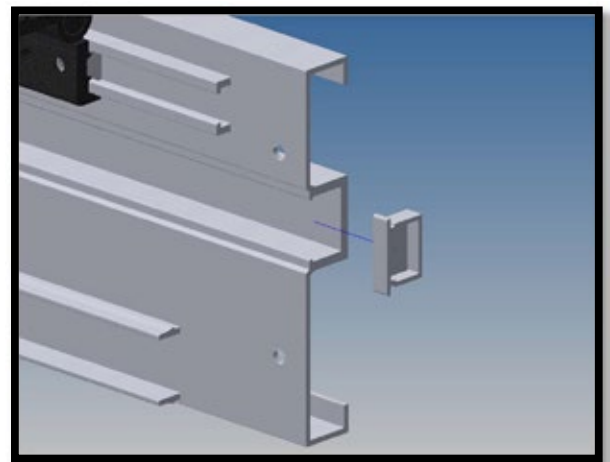
2. ASSEMBLING THE FRAME

Step 1. Prepare the frame components.
Ensure that the groove cap is secured flush to the bottom of the jambs, apply sealant if necessary.
Clean ends of head, jamb and sill (areas that sealant will contact) with denatured alcohol.

Step 2. DO NOT BLOCK OR RESTRICT WEEPS.
Assemble the sill and jamb with #8tek assembly screws.

Step 3. Assemble with #8 tek assembly screws.

Step 4. Repeat steps 2 and 3 to assemble the opposite side jamb to the frame.



3. INSTALLING THE FRAME

Step 1. Set frame in rough opening.

Step 2. Add shims as required by Product Approval documents around the frame unless job specific engineering is done to qualify differently. Use **ONLY** plastic, nylon, or composite shims.

Step 3. Remove frame from opening after proper spacing is verified.

Step 4. For proper sealing of the door to the substrate, please reference FMA/AAMA/WDMA documents as required by the Florida Building Code.

Step 5. Set frame in opening on grout or bed of sealant.

Step 6. Shim level from front to back and end to end. Shims are to be installed at all fastener locations.

Step 7. Inspect that the entire frame is true, plumb, level, and square.

Step 8. Fill pre-drilled assembly holes with appropriate sealant before installing fasteners. Install frame in rough opening per Product Approval Documents. Check the assembly again for true, level, plumb, and square.

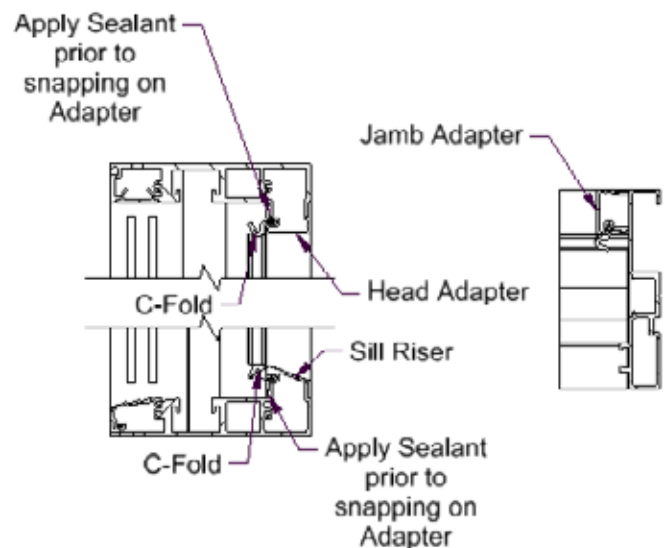
4. INSTALLING FRAME ACCESSORIES

VERY IMPORTANT: Installation must be inspected and approved **BEFORE** installing frame components.

Anchors will not be accessible with groove covers, head/jamb adapters and sill riser in place.

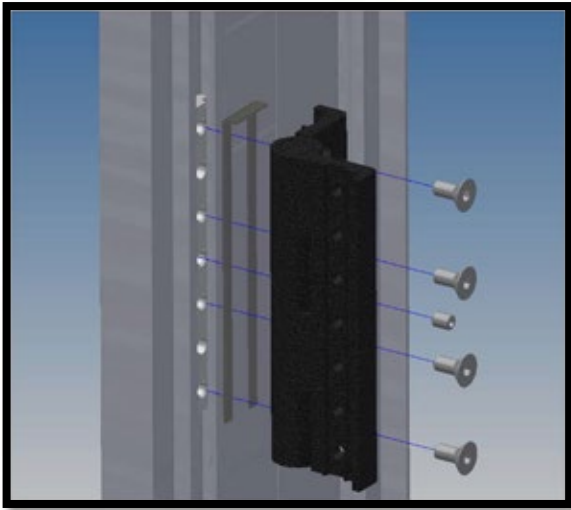
Step 1. Snap the jamb adapters onto the jambs using a rubber mallet and wood block (to avoid marks or indents from a mallet directly on extrusions). Then snap in the head adapter on the head and snap the sill riser onto sill. Low sill risers are identical to jamb adapters. **ADA sill products do not have a sill riser.**

Step 2. Press in the c-fold gaskets around the perimeter of the frame.



Step 3. Slide the groove covers into the jambs, starting at the bottom and working towards the top. Once both jamb covers are in place, repeat for the head. Snap the threshold cover onto the sill (no threshold cover needed for flush sill).

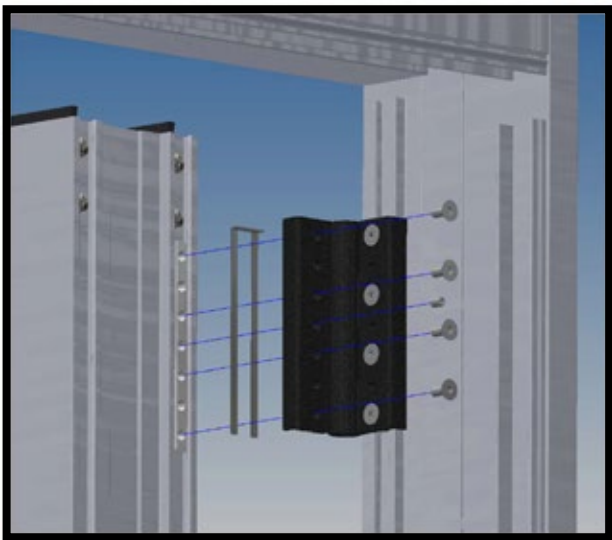
5. PLACING THE PANELS



Ensure that hinges are fastened properly to jamb. Hinge shims may be added or removed for adjustment.

Step 1. Prepare the jambs. Orient hinge at a 90° angle to prepare for the first panel. Check that every hinge includes a 1/32" hinge shim. Ensure the correct quantity of hinges on the jamb:

Three (3) for 8' doors, Four (4) for 10' doors and Five (5) for doors over 10'



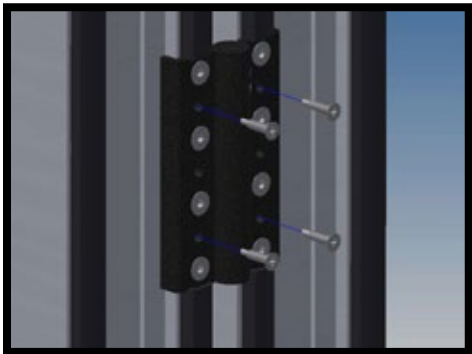
Step 2. Inspect panels and ensure proper order. Lift the panel perpendicular to the exterior of the frame. Fasten the panel to hinges with screws and hinge shims.

To fasten to the correct side; the glazing bead of the panel should face towards the exterior of the door.

Step 3. Keep the attached panel(s) perpendicular to the frame and connect the panels by fastening hinges. Ensure proper hinge quantities

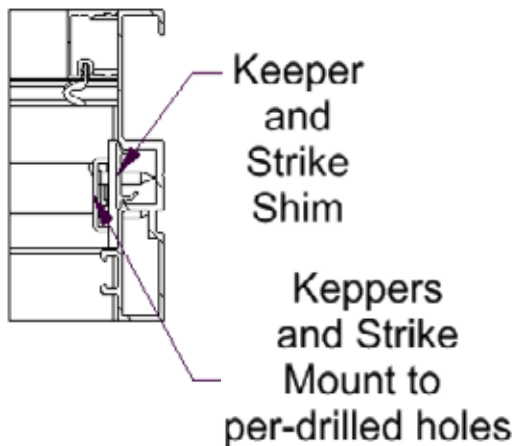
Step 4. Close the door and inspect the fit of panel. Hinge heights can be adjusted by loosening the set screws on hinge assembly plates. Adjust panel gaps by removing the 1/32" hinge shims. **Be sure to remove sash meeting gaskets carefully with a scribe before making hinge adjustments.** Fasten hinges with large screws.

Once adjustments are made, fasten hinges in place with tek screws provided.



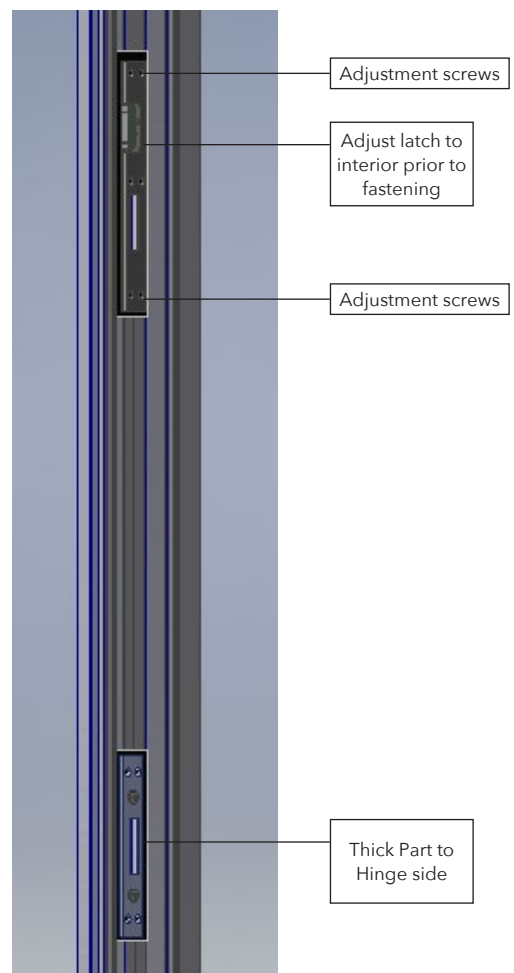
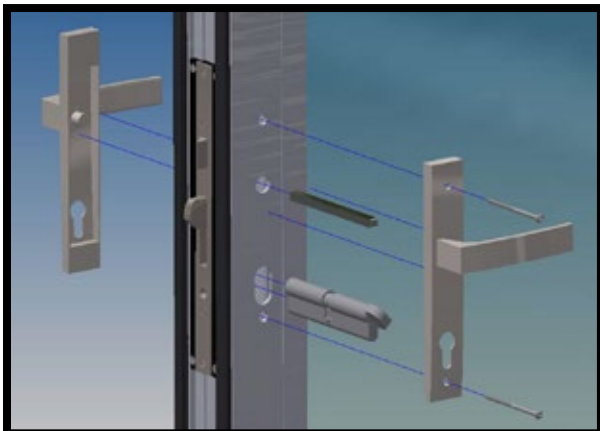
Step 5. Continue installing panels according to the steps above until fully assembled. Inspect fit following Step 4 each time a panel is added.

6. FINAL ASSEMBLY AND HARDWARE

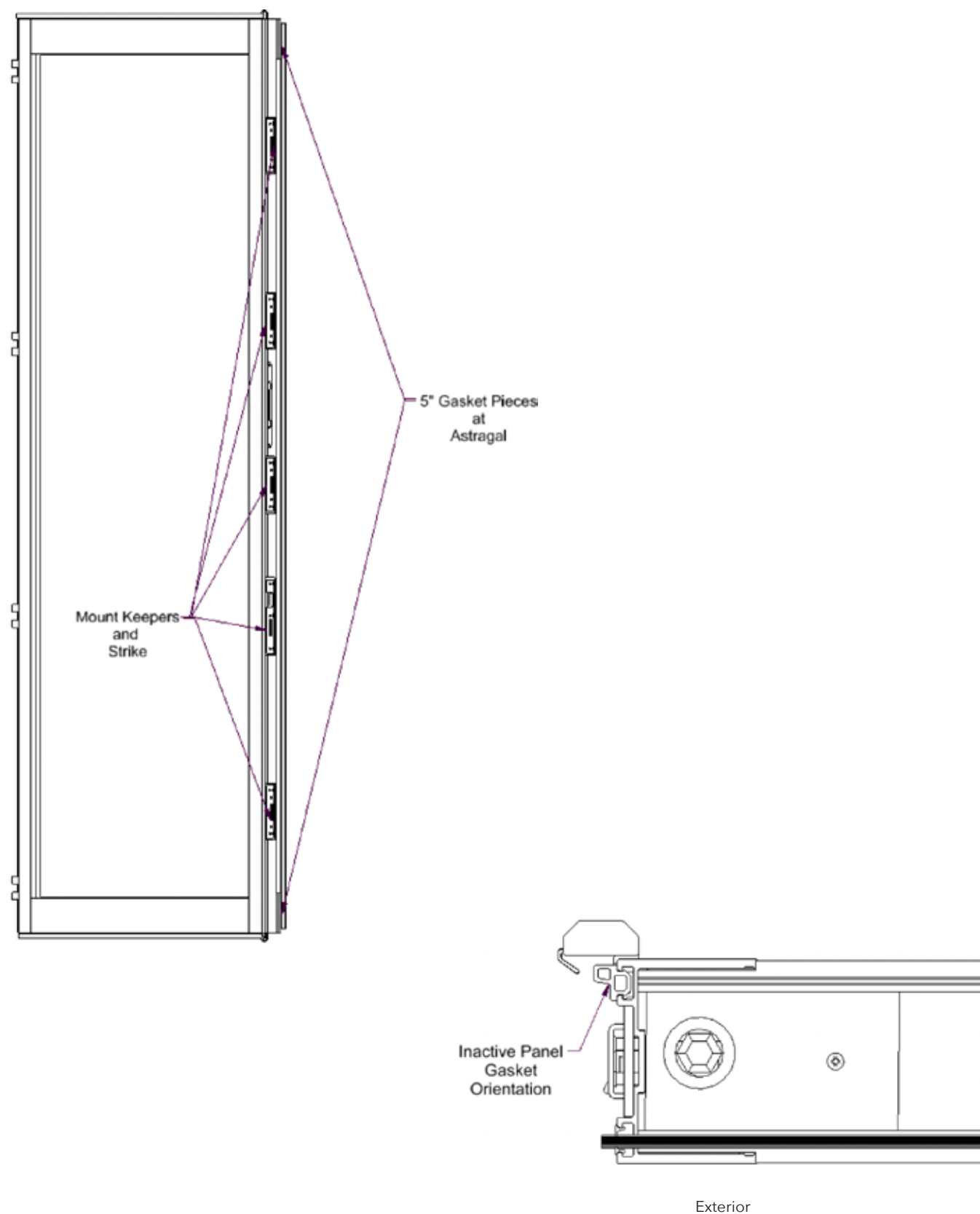


Step 1. For frame locking configurations: Snap in grooves covers K1 - K7. The keeper and Strike will be mounted to the jamb with supplied Tek screws.

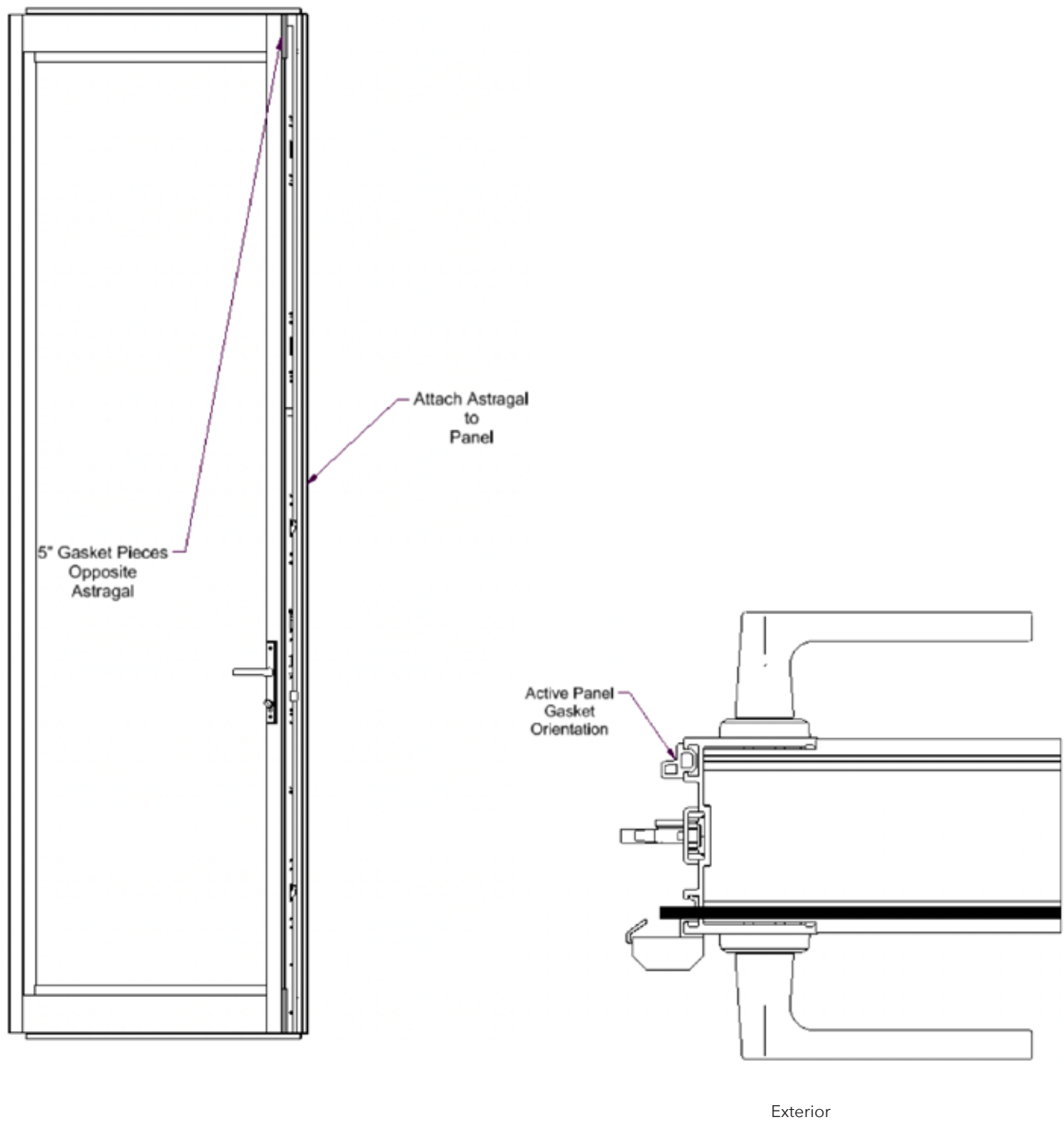
Step 2. Install the lock cylinder and handles with small screws provided.



INACTIVE PANEL



ACTIVE PANEL



7. INSTALLATION COMPLETE

Verify fit and function. The french door should now be completely installed. Should parts need to be replaced, contact your local dealer.

The exterior of door panels, frames, and glass should be washed with a mild cleaning solution of detergent or soap and water. Coastal Conditions require that the panels be cleaned monthly while Non-Coastal areas require cleaning a minimum of twice a year.

PRODUCT LINE BROCHURE



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