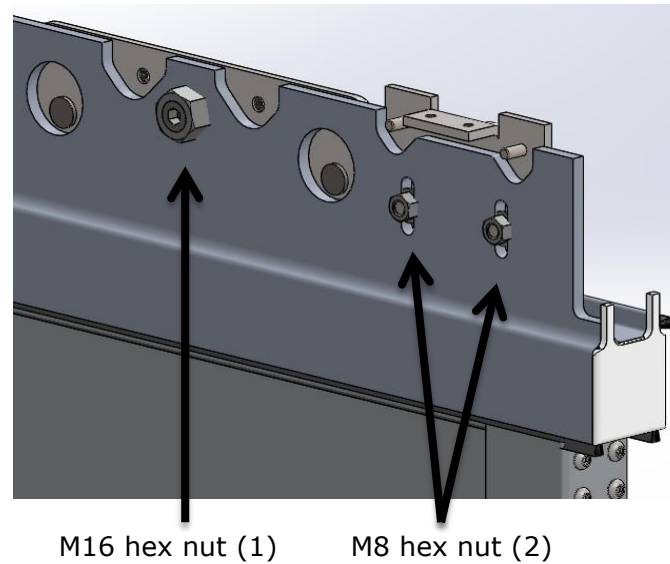


7. Height Adjustment and Anti-Riser

Note: Sensor cap must be installed prior to hanging Active Leaf.

- Height adjustment is done by loosening the M16 hex nut with a 24mm wrench and turning the center eccentric pin using an 8mm hex key
- After the height adjustment is complete, set the anti-riser by loosening the M8 hex nuts using a 10mm wrench. Raise the anti-riser until the wheel is touching the track, back off 1/16" and lock M8 nuts back down.

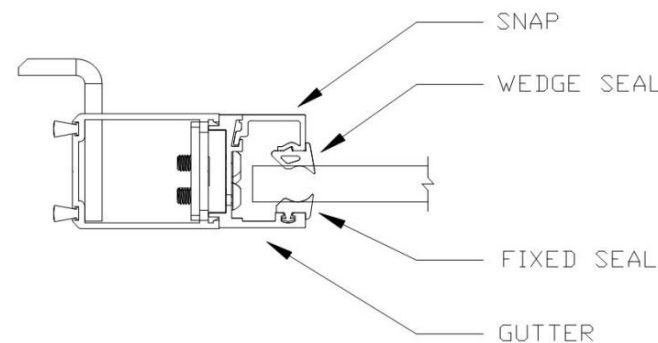


M16 hex nut (1) M8 hex nut (2)

8. Glazing and Blocking

Note: The ASSA ABLOY SL500 Forced Entry Resistant utilizes a full dry glazed system. No silicon adhesive or glazing tape is needed when installing glass into door panels.

- Install fixed seal prior to setting glass in panel
- Block all four corners of each piece of glass with provided setting blocks.
- Install snap and wedge seal using a glazing roller. Soapy water may be used to lubricate seals to ease installation. Avoid solvents and other harsh chemicals that may affect the seal.



9. Inspection

ASSA ABLOY Entrance Systems requires an AAADM inspection be performed per ANSI 156.10 and appropriate installation manual requirements prior to handing the door over to the end user and being put into operation.

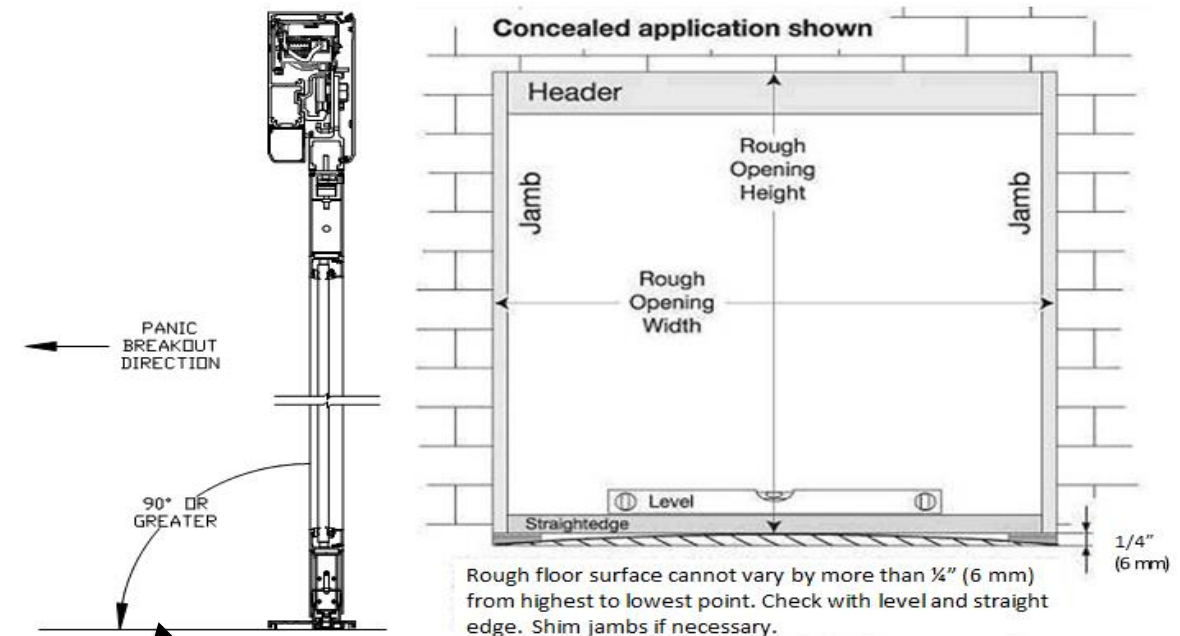
1. Checklist

Before starting to install package, please check the following items:

- Read and understand the Entrematic DS20H Installation and Service Manual (1021327)
- Enough room for square and level install?
- How will power be brought into the header?
- Exit sign, air curtains or alarms to consider?
- Is surrounding wall/storefront sound and free from damage?
- Any wall or floor conditions (expansion joints, grind down)?
- Is there existing door/perimeter stop to remove?
- Have all tools listed in manuals at install site

2. Jamb/Header Install

- It is critical that the rough opening height and rough opening width are within tolerance for the package to be installed.
- Shimming up to 1/4" maximum is acceptable on each side of the frame
- Install package from high spot, shimming as necessary
- Install plank cap prior to hanging active panel(s)



Check for high spots or bumps in the path of breakout

3. Anchoring

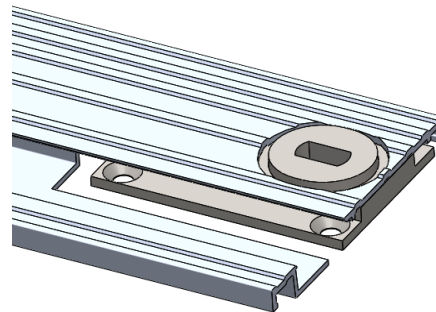
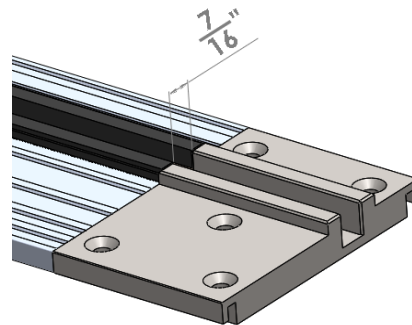
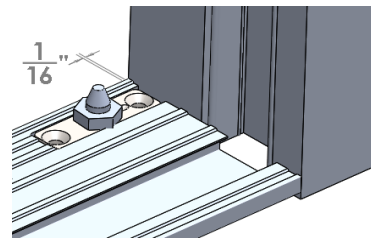
- Use appropriate anchors for your substrate. See Florida Product Approval #26008 for full details and diagrams.
- Please note that some anchor locations require shifting electronic components or sidelite caps for access.

TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE			
NOTE: ANCHORS ARE FLATHEAD AT STRIKE LOCATIONS AND ROUND/PAN/HEX-WASHER HEAD ELSEWHERE.			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
CONCRETE (2.85 KSI MIN)	1/4" ELCO ULTRACON	1 3/4"	2 1/2"
HOLLOW OR GROUT-FILLED CMU (ASTM C90)	1/4" ELCO ULTRACON	1 1/4"	2 1/2"
2X MIN. SOUTHERN PINE WOOD (G=0.55)	#14 GRADE 5 WOOD SCREW	1-3/8"	1"
16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN., OR 1/8" ALUM. 6063-T5 MIN.	1/4"-14 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL	1/2"

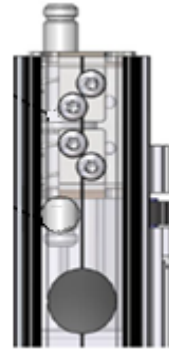
4. Floating Strikes

The following items require extra care to properly locate and position for a smooth installation:

- Sidelite Pivot: Install threshold (sidelite portion) against jamb, space pivot out 1/16" from jamb as shown to the right.
- Pin Guide Strike: A piece of 7/16" stock can be inserted into the pin guide track and strike to help keep alignment while drilling anchor holes.
- Lock Strike: Active Leaf must be installed, properly adjusted and in the closed position. Place the strike under the nose of the Active Leaf and lock the door, ensuring proper engagement with the strike. Square strike and mark location, install anchors.

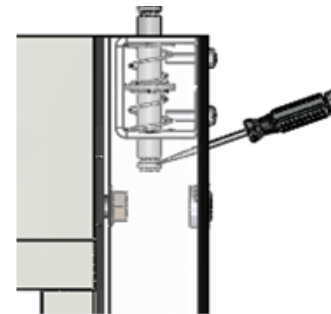


5. Sidelite Installation



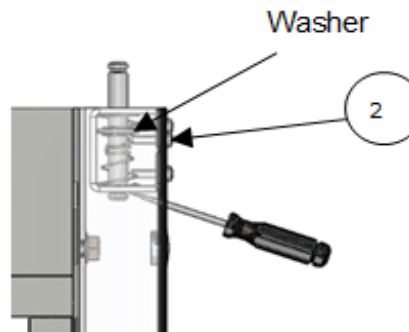
Remove 2nd and 3rd screws from the top pivot
Set the sidelite on the pivot plate and tilt into place. Heel of sidelite should be flush or set in from the header. Sidelite top should be parallel with bottom of header, nominal 1/8" gap.

If the distance between the jamb and hinge stile needs to be adjusted, shim top pivot as necessary.



To unlatch sidelite, remove cap from top of sidelite. Insert small flat head screwdriver to catch lip of pin and push down. **Use caution, as doors may be heavy.**

To shim doors, remove remaining screws (1st and 4th) and loosen Tek screws of bracket in top rail. Slide pivot and bracket assembly away from heel to allow for inserting the provided shim(s).



To lock sidelite into place, place a flat head screwdriver through the clearance hole and push the pin up until it is fully engaged in the header and the washer is above the 2nd screw. While holding the pin in place, install 2nd screw. Look through the access hole to confirm that the pin is in the full up position. Install 3rd screw. Confirm the sidelite is level and square before proceeding

6. Jamb Strike and Filler

- The jamb strike for the sidelite should be installed with the narrow side towards the center of the jamb as shown. Note that the lock strike for an active leaf (single slide) has a recessed pocket, the sidelite strike doesn't.

