



# Southeastern Aluminum Products, Inc.

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## INSTALLATION INSTRUCTIONS CRYSTALLINE HINGE DOOR WITH RETURN PANEL ON LEVEL

**IMPORTANT:** Read all instructions carefully and become familiar with all parts before installation.

**ATTENTION:** If using a **CRYSTALLINE** frameless door, refer to steps #4, 7 & 8 of the **CRYSTALLINE** frameless hinge door installation instructions for information regarding the hinge assembly, drip rail & handle.

- STEP 1** Thresholds (A) are pre-cut to specified centerline dimensions and can be distinguished from header by the weep holes. Insert 90° corner bracket (B) and position mitered ends tightly together. Secure corner bracket by tightening the #6 X 3/16" set screws (C) with the allen wrench provided.
- STEP 2** Apply a generous bead of silicone based caulk to the underside of thresholds (A) and place assembly on curb. Using a level, position the wall jambs (D) into the threshold and against the wall, with the longer legs towards the opening. Mark through the holes provided for anchoring. Drill 3/16" holes and insert plastic anchors (E) for masonry applications or drill 1/8" tap holes for fiberglass and acrylic units. Secure jambs to the walls with #8 x 1-1/2" screws (N).
- STEP 3** Place glass setting blocks (G) with legs facing down in return threshold about 3" from the corner & wall. Set return glass panel (H) in place and position the 90° corner post (I) using a level.  
**NOTE: Post must be plumb before measuring for headers.**
- STEP 4** Headers (J) are overcut. Measure for headers and cut.
- STEP 5** Insert 90° corner bracket (B) and position mitered ends tightly together. Secure corner bracket by tightening the #6 X 3/16" set screws (C) with the allen wrench provided.
- STEP 6** Place header assembly on top of unit. Drill 9/64" tap holes through the header to the wall jambs (D) and to the 90° corner post (I). Verify that the corner post is plumb before drilling here. Secure with #8 x 7/16" screws (F).
- STEP 7** Secure the wall jambs (D) and the corner post (I) to the threshold assembly (A) with 9/64" tap holes and #8 x 7/16" screws (F).
- STEP 8** Position the door panel assembly (K) into the opening. Plumb the door panel assembly and secure it to the corner post (I) or wall jamb (D) using #8 x 1/2" Tek screws (M) through the holes provided.
- STEP 9** Position the header/threshold inserts (O) against the hinge jamb and snap into place. Make certain upright leg is to outside of shower.
- STEP 10** Position the strike jamb (L) into the opening and flush against the header/threshold inserts (O). Secure to the corner post (I) or wall jamb (D) using #8 x 1/2" Tek screws (M) through the holes provided.
- STEP 11** There are two different types of vinyl for glazing the return panel (H); vertical vinyl (P) and horizontal vinyl (Q). The horizontal vinyl is larger and installs first. Cut the vinyl to the opening, trimming the ends on a 45° miter. Install the vinyl on the interior side first by pressing into the threshold & header. Follow with the exterior side, and then install the vertical vinyl the same way being sure the corners fit tightly together.  
**NOTE: If vinyl is difficult to press in, lubricate with glass cleaner.**
- STEP 12** Secure the drip anchor (AA) with sweep (BB) to the bottom of the door panel (K) using #8 x 1/2" Tek screws (M). The drip anchor should be flush with the bottom of the door
- STEP 13** Insert the drip channel end plug (DD) into the end of the drip channel (CC). Position drip channel (CC) with the highest point towards the strike jamb (L) and angle down for desired drainage. Secure with #6 x 7/32" screws (EE).
- STEP 14** Install the handles (R) with #6-32 x 1-1/2" screws (S) provided.
- STEP 15** Caulk all edges and joints exposed to water using a silicone based caulk or other suitable sealant that will prevent water leakage.

**PARTS LIST**

A	Threshold Sections	2	M	#8 x 1/2" Tek Screws	10
B	90° Corner Brackets	2	N	#8 x 1-1/2" Screws	6
C	#6 x 3/16" Set Screws	8	O	Header/T-Hold Inserts	2
D	Wall Jamb	2	P	Vertical Glazing Vinyl	
E	Anchors	6	Q	Horizontal Glazing Vinyl	
F	#8 x 7/16" Screws	8	R	Handles	2
G	Setting Blocks	2	S	#6-32 x 1-1/2" Screws	2
H	Return Glass Panel	1	AA	Drip Anchor	1
I	90° Corner Post	1	BB	Sweep	1
J	Header Sections	2	CC	Drip Channel	1
K	Door Panel Assembly	1	DD	Drip Channel End Plug	1
L	Strike Jamb	1	EE	#6 x 7/32" Screws	2

