



# *Southeastern Aluminum Products, Inc.*

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## **INSTALLATION INSTRUCTIONS** **CRYSTALLINE DOOR WITH INLINE AND RETURN PANEL ON LEVEL**

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

**ATTENTION:** If using a **CrystalLine Frameless Hinge**, refer to steps #4, 7 & 8 of the CrystalLine Hinge Frameless 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 headers by the weep holes. Insert 90° corner bracket (B) and position mitered ends tightly together. Secure the 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 on curb. Using a level, position the wall jambs (D) into the thresholds and against the walls, 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 (F).
- STEP 3** Place glass setting blocks (G) with legs facing down in the return threshold about 3" from the wall and corner. Set return glass panel (H) in place and position 90° post (I).
- STEP 4** Place glass setting blocks (G) with legs facing down in the front threshold about 3" from the corner or wall and the approximate location of the H-post (J). Set inline glass panel (K) in place.
- STEP 5** Using a level, position the H-post (J) with the deeper pocket towards the in-line glass panel (K). Standard glass penetration into the wall jamb (D) and H-post (J) is 3/8"
- NOTE: Improper positioning of the glass and H-post may not allow enough room for the door assembly.**
- STEP 6** Headers (L) are overcut. Measure for headers and cut.  
**NOTE: The 90° corner post must be plumb before measuring for headers**
- STEP 7** Insert 90° corner bracket (B) and position mitered ends tightly together. Secure the corner bracket by tightening the #6 X 3/16" set screws (C) with the allen wrench provided.
- STEP 8** Place header assembly on top of unit. Drill 9/64" tap holes through the header to the wall jambs (D), corner post (I) and H-post (J). Verify that the corner post and the H-post are plumb before drilling here. Secure with #8 x 7/16" screws (M).
- STEP 9** Secure the wall jambs (D), corner post (I) and the H-post (J) to the threshold assembly with 9/64" tap holes and #8 x 7/16" screws (M).
- STEP 10** Position the door assembly (N) into the opening. Plumb the door assembly and secure it to the wall jamb (D) or H-post (J) using #8 x 1/2" Tek screws (O) through the holes provided.
- STEP 11** Position the header/threshold inserts (P) against the hinge jamb and snap into place. Make certain upright leg is to outside of shower.
- STEP 12** Position the strike jamb (Q) into the opening and flush against the header/threshold inserts (P). Secure to the wall jamb (D) or H-post (J) using #8 x 1/2" Tek screws (O) through the holes provided.
- STEP 13** There are two different types of vinyl for glazing the panels (H); vertical vinyl (R) and horizontal vinyl (S). 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 14** Secure the drip anchor (AA) with sweep (BB) to the bottom of the door panel (N) using #8 x 1/2" Tek screws (O). The drip anchor should be flush with the bottom of the door.
- STEP 15** 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 and angle down for desired drainage. Secure with #6 x 7/32" screws (EE).
- STEP 16** Install the handles (T) with #6-32 x 1-1/2" screws (U) provided.
- STEP 17** 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  | N  | Door Panel               | 1  |
| B | 90° Brackets          | 2  | O  | #8 x 1/2" Tek Screws     | 10 |
| C | #6 x 3/16" Set Screws | 8  | P  | Header/T-Hold Inserts    | 2  |
| D | Wall Jamb             | 2  | Q  | Strike Jamb              | 1  |
| E | Anchors               | 6  | R  | Vertical Glazing Vinyl   |    |
| F | #8 x 1-1/2" Screws    | 6  | S  | Horizontal Glazing Vinyl |    |
| G | Setting Blocks        | 4  | T  | Handles                  | 2  |
| H | Return Glass Panel    | 1  | U  | #6-32 x 1-1/2" Screws    | 2  |
| I | 90° Post              | 1  | AA | Drip Anchor              | 1  |
| J | H-Post                | 1  | BB | Sweep                    | 1  |
| K | Inline Glass Panel    | 1  | CC | Drip Channel             | 1  |
| L | Header Sections       | 2  | DD | Drip Channel End Plug    | 1  |
| M | #8 x 7/16" Screws     | 10 | EE | #6 x 7/32" Screws        | 2  |

