

Step 8. New Door Unit - Replace Aluminum Head and Leg Jamb Cladding

- 8.1.1. Apply a continuous bead of TeQ::Seal on head and jambs and smooth slightly with putty knife.
- 8.2.1. Install head cladding, embedding into sealant.
- 8.3.1.1. Mechanically fasten as needed.

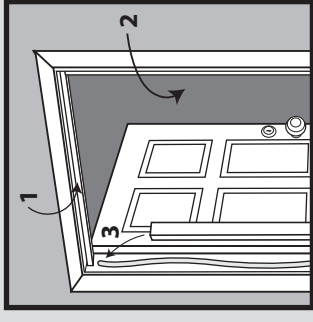


FIGURE 14

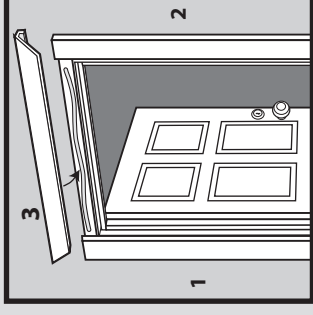


FIGURE 15

Step 9. New Door Unit - Replace Brick Mold Cladding

- 9.1.1. Apply sealant to brick mold and smooth out slightly with a putty knife.
- 9.2.1. Install jamb cladding first and then install head cladding embedding into sealant.
- 9.3.1. Mechanically fasten as needed.
- 9.4.1. Seal brick mold to exterior house cladding using QUAD® Advanced Formula Sealant.

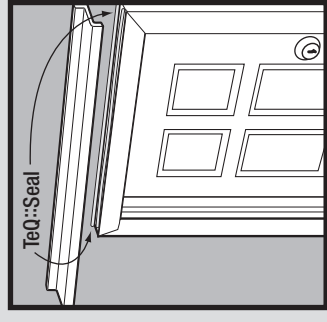


FIGURE 16

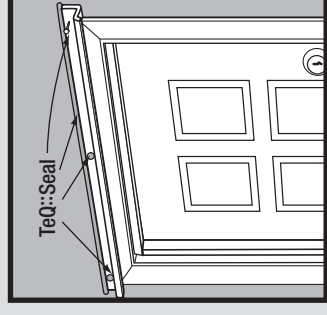


FIGURE 17

Step 10. New Door Unit - Drip cap installation

- 10.1.1 Apply a bead of TeQ::Seal sealant at brick mold head and wall interface and another bead across the top of the brick mold.
- 10.2.1 Insert upturned leg of drip cap under exterior cladding and over brick mold, embedding into sealant. (figure 16)
- 10.3.1 Apply fasteners as needed to attach drip cap to exterior wall.
- 10.4.1 Apply sealant over nail heads and across the top of the up turned leg of the drip mold to seal against exterior wall. (figure 17)
- 10.5.1 Replace exterior cladding over drip cap.

Step 11. New Door Unit - Interior Door Casing

- 11.1.1. Seal between door and rough frame with TeQ::Foam.
- 11.2.1. Replace door casing. (figure 19)

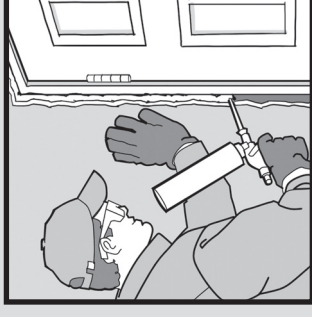


FIGURE 18

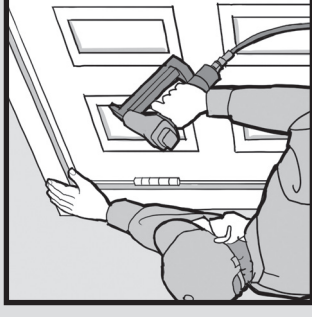


FIGURE 19



Door Installation Manual

Replacement Door Installation Manual

This manual contains installation instructions and details for installing doors using the WINTeQ System™



Determine replacement door unit size:

Measure inside jamb to inside jamb and add jamb width x 2 = overall door unit width. Measure the threshold base to the top of the inside header frame and add head width = overall door unit height. (Determine high side of jamb interior or exterior to insure that the new door will fit in the opening.)

Step 1. Pre Inspection: Before removing existing door, check:

- 1.1.1. Check and confirm new door measurements.
- 1.2.1. Check hardware.
- 1.3.1. Check color and finish.
- 1.4.1. Check door swing.

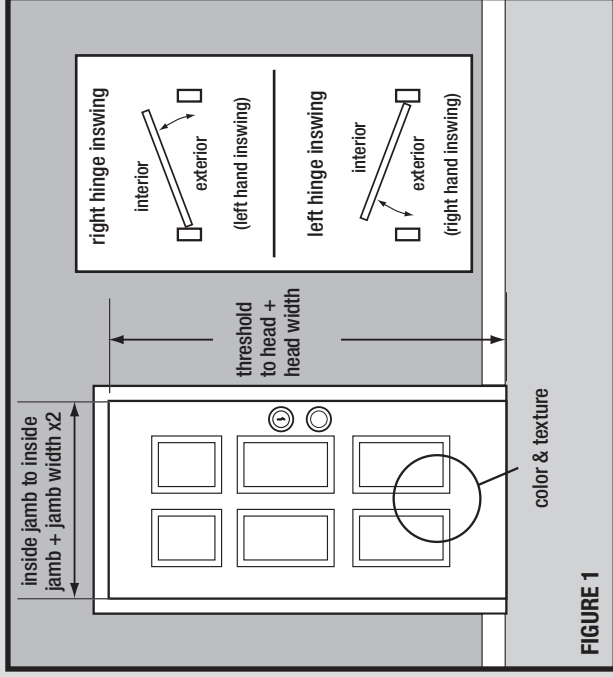


FIGURE 1

Step 2. Existing Door

- 2.1.1. Carefully remove the old door.
- 2.2.1. Check rough opening for plumb and level.
- 2.3.1. Adjust threshold base if it is not level (it may be necessary to use leveling compound or similar material to level threshold base).

TIP: Take note of distance of base molding from door, try to center the door to allow for door casing to limit cutting and fitting later on. Mark floor with tape to help with realignment later on. (figure 2)

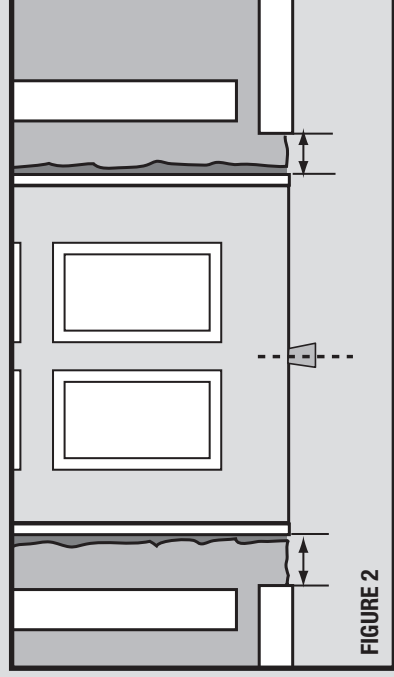


FIGURE 2

Step 3. New Door Unit

- 3.1.1. If supplied, remove aluminum cladding from brick mold. (figure 3)
- 3.2.1. Remove jamb cladding. (figure 4)
- 3.3.1. Dry fit door frame into opening.
- 3.4.1. Check for plumb and level.

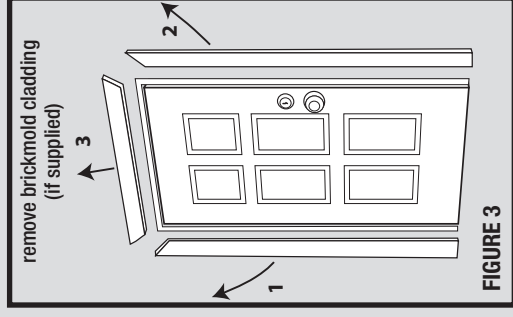


FIGURE 3

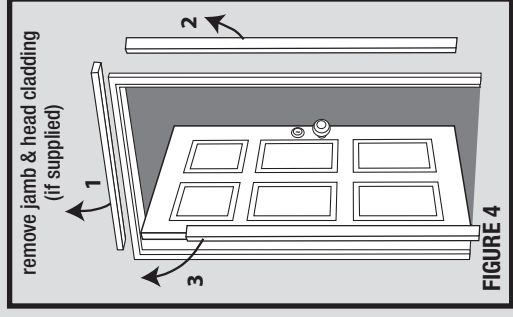


FIGURE 4

3.5.1. Remove frame from opening.

- 3.6.1. Optional best practice recommendation
- 3.6.2. Install rigid sill pan or site built sill pan per ASTM E2112 installation practices. (figure 6 - 7)
- 3.7.1. Apply TeQ::Seal Window Flange Bedding Sealant to sill. (figure 5)
- 3.8.1. Apply TeQ::Seal to brick mold. (figure 8)
- 3.9.1. Replace door into opening.
- 3.10.1. Readjust and align door into opening.

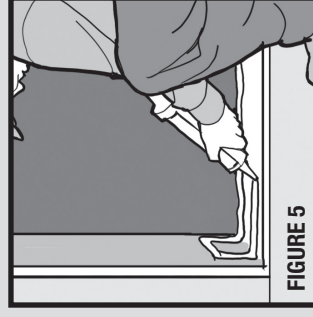


FIGURE 5

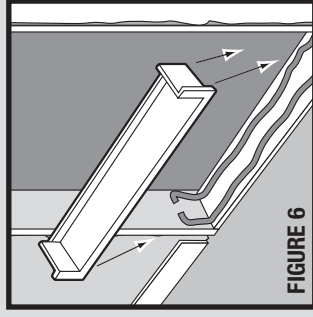


FIGURE 6

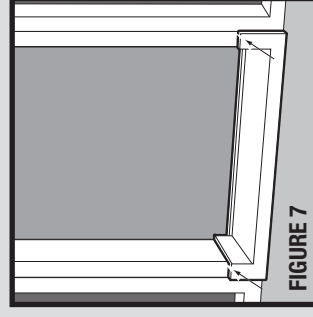


FIGURE 7

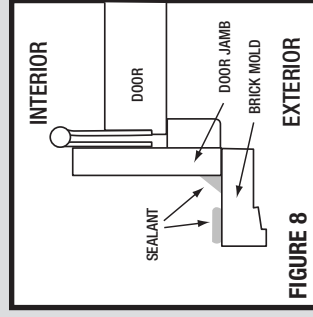


FIGURE 8

Step 4. New Door Unit - Shim Placement

- 4.1.1. A. Place shim at lower hinge side.
- B. Place shim at lower strike side.
- C. Place shim at upper hinge side.
- D. Place shim at upper strike side.
- E. Place shim at center strike side.
- F. Place shim at center hinge side (figure 9)

- 4.2.1. Check door head frame for level and shim jamb to correct.
- 4.3.1. Check and insure door frame is plumb
- 4.4.1. Check flushness of door frame with drywall or interior wall surface. (figure 10)

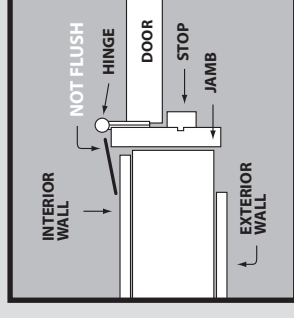


FIGURE 10 - INCORRECT

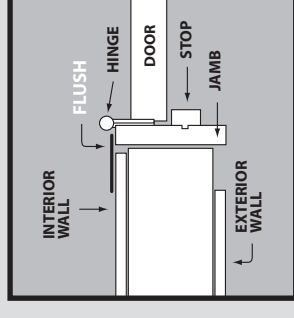


FIGURE 10 - CORRECT

Step 5. New Door Unit - Hinge Side Fastening

- 5.1.1. Mechanically fasten jamb to rough opening frame near shims at top and bottom of door frame (do not attach through shims at this time).
- 5.2.1. Mount new door slab to door frame.
- 5.3.1. Shim behind hinges being careful not to over shim and bow door frame.
- 5.4.1. Pre drill pilot holes in hinges and strike plate to allow for anchor screws.
- 5.5.1. Place 1 screw in upper hinge (do not drive all the way in at this time) Check gap around door and door frame to ensure that an even 1/8" or less gap is maintained. Shim to adjust for uniform gap.

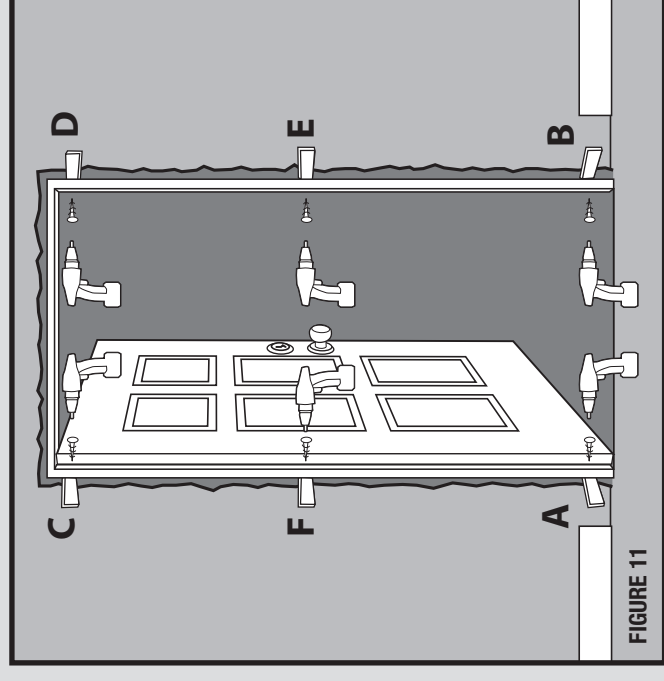


FIGURE 11

- 5.6.1. Place screw at lower hinge, check gap and adjust.
- 5.7.1. Shim middle hinge and set screw, check and maintain gap.
- 5.8.1. Finish installing and setting all screws on the hinges.
- 5.9.1. Score and snap off protruding shims flush to interior wall surface.

Step 6. New Door Unit - Strike Side Fastening

- 6.1.1. Place shim under strike to adjust and hold gap as needed, apply fastener at top and bottom of door frame jamb then fasten in middle near strike, adjust shims as needed.
 - 6.2.1. Cut back shims flush to opening
- Install lock hardware following the provided instructions.

Step 7. New Door Unit Alignment Check - Adjustable Threshold

- 7.1.1. Adjustable Threshold
- Adjustable composite threshold allows a simple height adjustment for perfect door alignment to seal out bottom drafts. Adjust threshold so that door sweep contact is even across threshold. (figure 12)

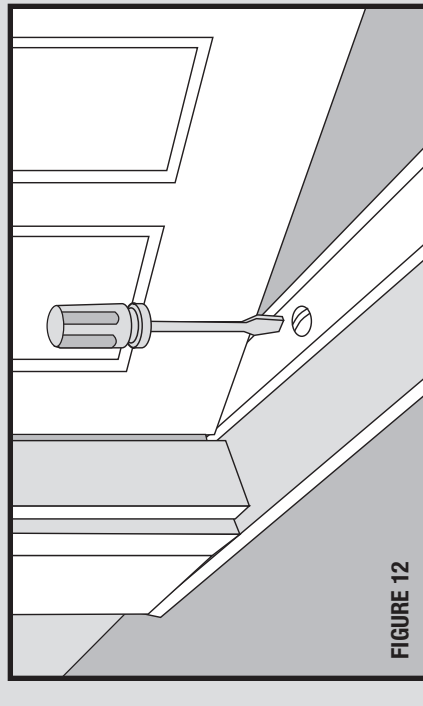


FIGURE 12

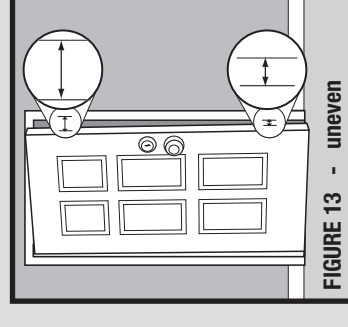


FIGURE 13 - uneven

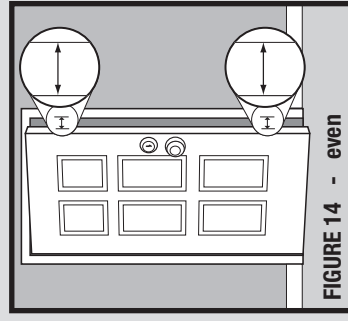


FIGURE 14 - even

Install Corner Pads

Specially designed corner pads use a cut out to create a low pressure cavity that prevents "straw wicking" effect and eliminates associated leaks under stormy conditions.

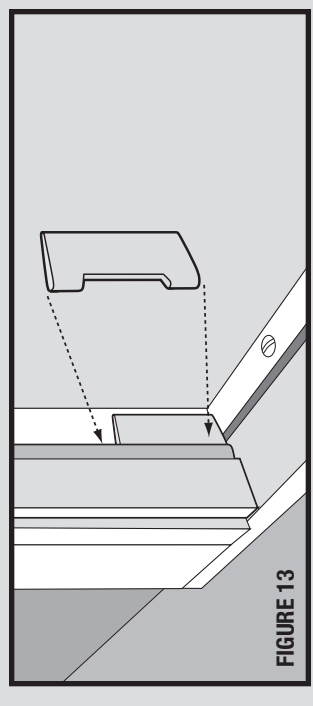


FIGURE 13