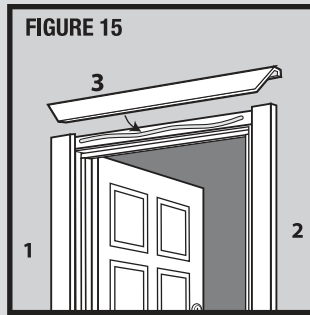
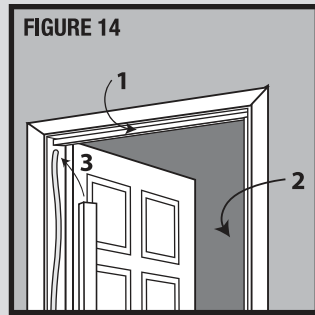


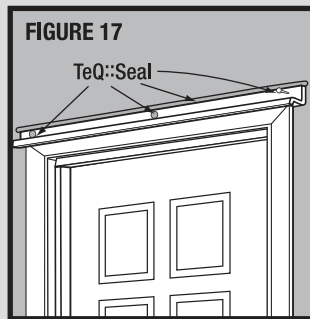
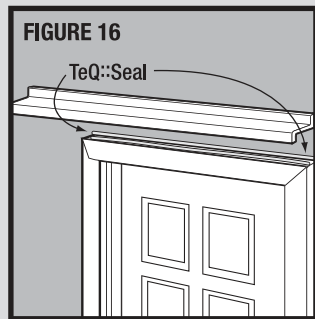
## Step 8. New Door Unit - Replace Aluminum Head and Leg Jamb Cladding

- 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. Mechanically fasten as needed.



## 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.



**OSI® WINTeQ™ TeQ::Seal™ Window Flange Sealant** is a single component high quality sealant based on modified polyurethane polymers. Designed for the WINTeQ Window Installation System it provides a permanent weather tight seal when used according to directions. TeQ::Seal can be applied to wet surfaces and easily extruded at below freezing temperatures. It is compatible with all types of window flashing and adheres to most common building substrates.

**OSI® WINTeQ™ TeQ::Flash™ Rubberized Asphalt Window Flashing** is a self-adhering 20 ml laminate consisting of a 2 ml high density polypropylene film and rubberized asphalt. It is designed for sill, jamb and header flashing around windows and doors.

**OSI® WINTeQ™ TeQ::Flash™ Butyl Window Flashing** is a rubberized butyl backed, self-adhering membrane flashing providing UV protection for longer term installs.

**OSI® WINTeQ™ TeQ::Gun™ Applicator Gun** is for use with foams cans with valves includes detachable screw on tip for harder to reach gaps.

**OSI® WINTeQ™ TeQ::Clean™ Foam and Applicator Cleaner** is a pressurized cleaning solvent used to dissolve uncured or fresh polyurethane foam sealant. Designed for easy cleaning of foam spills and fitted with a collar and adapter for cleaning the TeQ::Gun

**OSI® WINTeQ™ TeQ::Foam™ Low Pressure/Low Expansion Polyurethane Foam** is a single component foam for use in sealing between the window frame and rough opening. This closed cell flexible foam will seal out water and air and is guaranteed not to not warp or distort windows. TeQ::Foam is applied using a foam applicator gun sold separately.

- 9.3.1. Mechanically fasten as needed.
- 9.4.1. Seal brick mold to exterior house cladding using QUAD® Advanced Formula Sealant

## 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. (figure 18)
- 11.2.1. Replace door casing. (figure 19)



## Professional Grade Adhesives & Sealants

## Replacement Door Installation Manual

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

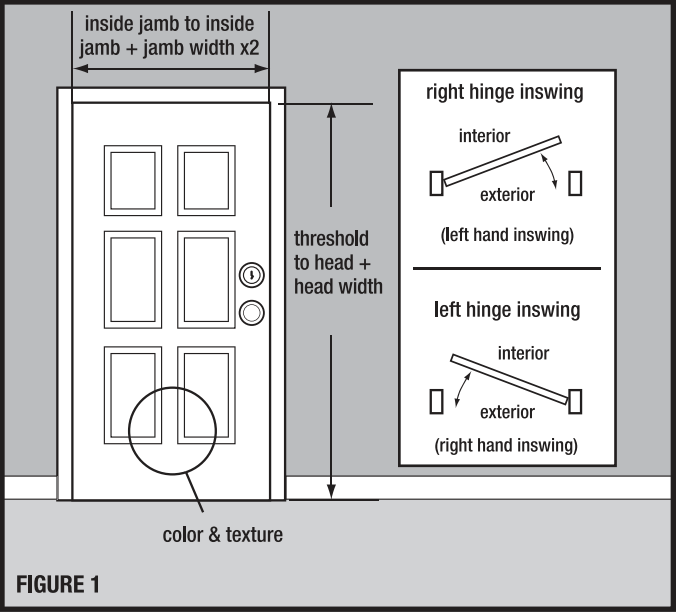


**Determine replacement door unit size:**

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:**

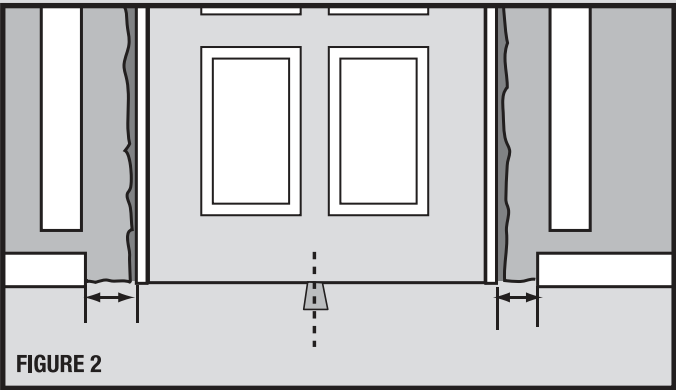
- 1.1.1. Check and confirm new door measurements.
- 1.2.1. Check hardware.
- 1.3.1. Check color and finish.
- 1.4.1. Check door swing.



**Step 2. Existing Door**

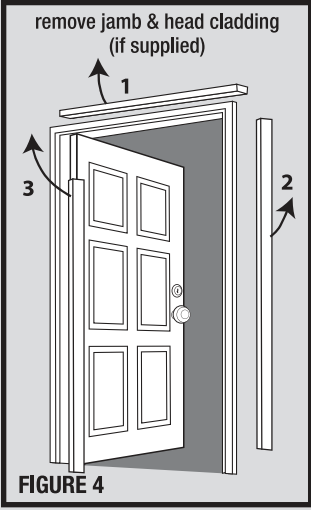
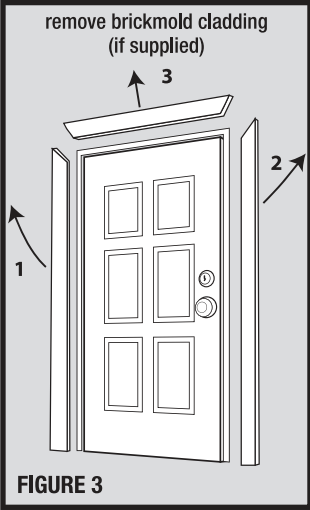
- 2.1.1. Carefully remove the old door.
- 2.2.1. Check rough opening for plumb and level.
- 2.3.1. **Adjust threshold base if it is not level (it may be necessary to use leveling compound or similar material to level threshold base).**

**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)

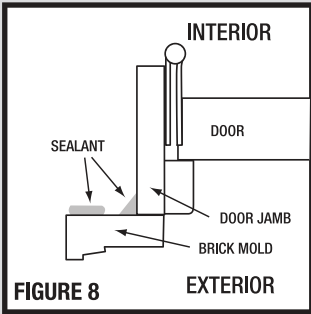
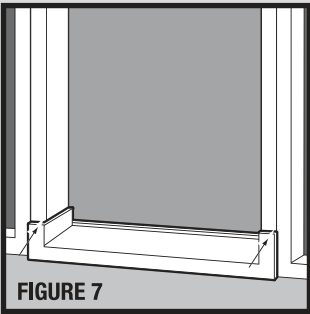
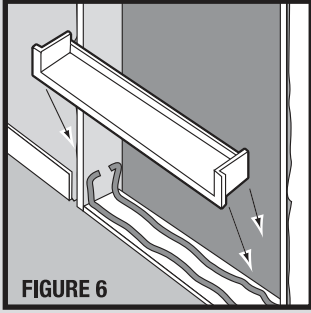


**Step 3. New Door Unit**

- 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.



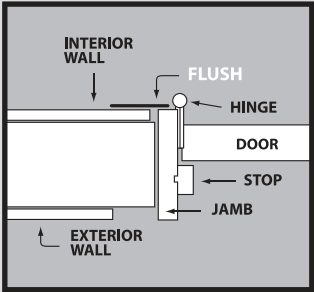
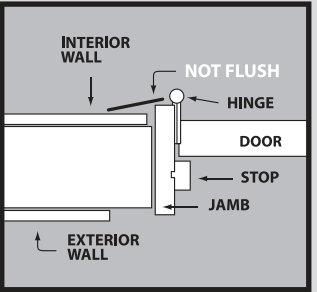
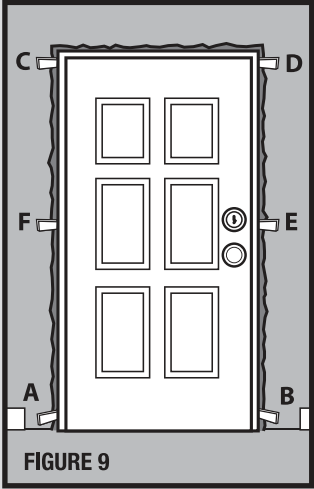
- 3.5.1. Remove frame from opening.
- 3.6.1. Optional best practice recommendation
- 3.6.2. Install rigid sill pan or site built sill pan per ASTM E2112 installation practices. (figure 6 - 7) \*In lieu of rigid sill pan OSI® Teq::Flash™ Flashing can be used. (For proper method follow the OSI® Certification & Training Program.)
- 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.



**Step 4. New Door Unit - Shim Placement**

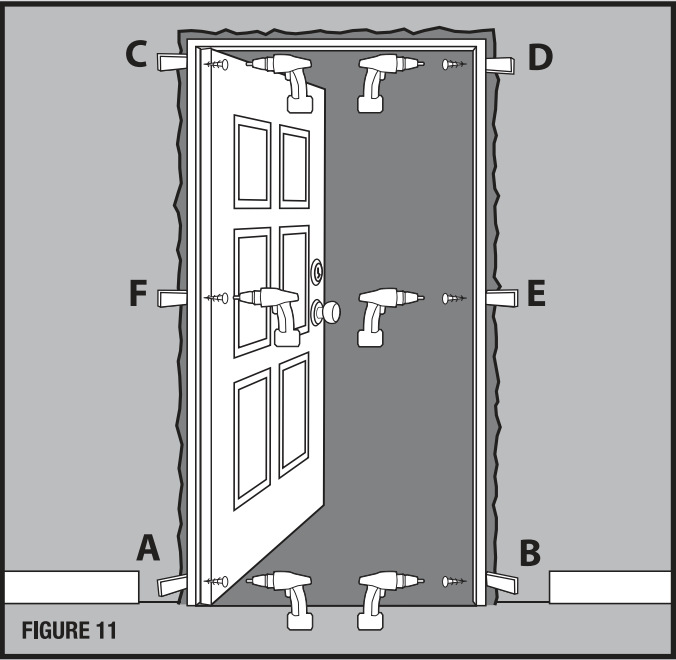
- 4.1.1. A. Place shim at lower hinge side.
- B. Place shim at lower strike side.
- C. Place shim at upper hinge side.
- D. Place shim at upper strike side.
- E. Place shim at center strike side.
- F. Place shim at center hinge side (figure 9)

- 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)



**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.



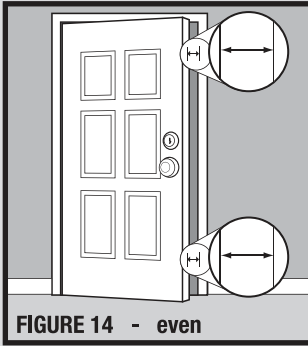
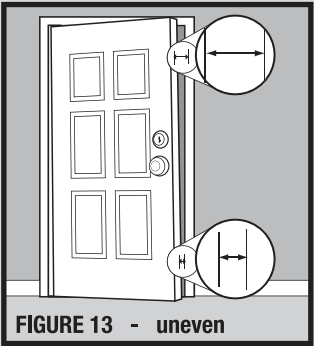
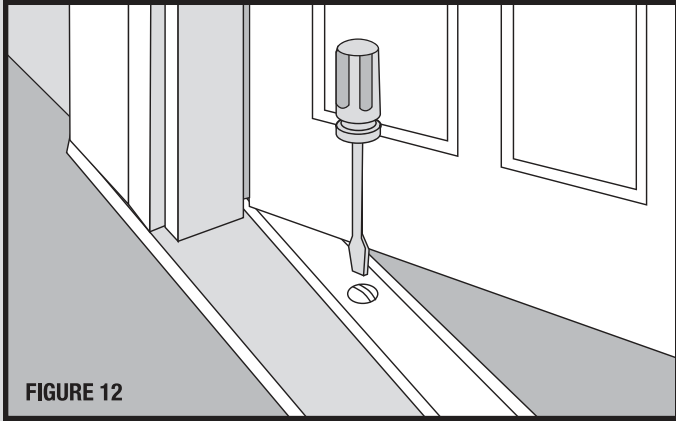
- 5.6.1. Place screw at lower hinge, check gap and adjust.
- 5.7.1. Shim middle hinge and set screw, check and maintain gap.
- 5.8.1. Finish installing and setting all screws on the hinges.
- 5.9.1. Score and snap off protruding shims flush to interior wall surface.

**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)



**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.

