

## RECOMMENDED INSTALLATION INSTRUCTIONS – TILT & TURN WINDOW

INTO MASONRY/CONCRETE OPENING WITH PT LUMBER BUCK

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### SUPPLIES NEEDED

- Liquid-applied flashing membrane (OSI QUAD Flash, PROSOCO FastFlash or equivalent product/method)
- PVC, plastic, or composite shims @ 1½" wide
- 1.5" galvanized roofing nails
- Six 3" x 9 exterior-grade wood construction screws, white finish
- High quality, multi-purpose exterior-grade sealant
- Closed cell foam backer rod/sealant backer
- Window and door insulating foam sealant, low-pressure and low-expansion
- Drip cap/head flashing (consult with building professional for application and placement details)

## 1 PREPARE WINDOW OPENING

- A. Verify buck is securely fastened and sealed to the masonry/concrete foundation wall. Masonry foundations may require additional preparation and sealing steps prior to buck fastening vs. concrete foundations including, but not limited to: mortar repairs of large cracks and voids, filling vertical cores under sill solid with concrete, and the application of liquid flashing for porous surfaces. Refer to flashing manufacturers' application instructions.
- B. Verify buck is plumb, level, and square. Rough opening dimensions should be ½" larger in width and ½" larger in height than the window frame. Adjust as needed. See **Spec Sheet** under [Resources](#) for additional information.
- C. Apply liquid flashing over the buck (plus additional exposed framing including headers) from the inside edge of the sill, extending onto the surrounding masonry/concrete to width of the trim to be used. Fill all gaps between the buck and masonry/concrete foundation including concrete saw overcuts. Refer to flashing manufacturers' application instructions.
- D. Fasten ¼" shims to PT lumber buck sill with roofing nails, ½" from each side. Determine window location within buck before starting.

## 2 SETTING & FASTENING WINDOW

- A. Remove swing frame.
- B. Inert fixed frame into opening, center left to right
- C. Fit/place two shims along each jamb; 4" above the sill, 4" below the head, and 1" below the center or mid-point of the frame.
- D. Mark and drill holes through frame; 3.5" above the sill, center/mid-point, and 3.5" below the head. Drill through window frame using 1/8" high speed steel bit.
- E. Enlarge each hole with a 3/8" countersink to depth of exterior screw head.
- F. Drive 3" x 9 screws through pre-drilled holes until head is flush with countersink hole.
- G. Fasten swing frame.

### **3 SEALING AND FINISHING WINDOW EXTERIOR**

- A. Insert backer rod  $\frac{1}{2}$ " deep between the window frame and buck on all four sides.
  - a. Apply sealant and tool into fillet shape.
- B. Fasten trim and/or siding, leaving  $\frac{1}{4}$ " gap around window frame on all four sides.
  - a. Insert backer rod  $\frac{3}{8}$ " deep in gap.
  - b. Apply sealant and tool into fillet shape.
- C. **DO NOT** seal or cover weep holes along bottom of the window.

### **4 SEALING AND FINISHING WINDOW INTERIOR**

- A. Apply window and door foam sealant between the window frame and opening per manufacturers' instructions.

#### **Notes**

- 1. Before starting any work, contact your local building code official to determine applicable codes and regulations that may apply to your project.
  - 2. Local building code requirements take precedence over recommended installation instructions.
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