7 Step Installation Instructions

for Windows and Patio Doors (JWTCC-90026)

The 7 Installation Steps below are included on the JW product label:

1. Inspect Product: Products should be inspected for shipping damage, color, configuration, handing, etc. Additionally, inspect products for any manufacturing anomalies prior to installation (e.g. warp, bow, squareness). Contact Dealer or JELD-WEN if issues are identified.

2. Inspect Rough Opening (R.O.): Inspect R.O. prior to installation of the product. Correct any deviation that would prevent the window/door product from being installed plumb, level, square and without twist. See installation instructions at **www.jeld-wen.com** for recommended R.O. tolerances.

3. Install Sill Pan: A sill pan is **required** prior to window/door product installation (refer to the latest version of **ASTM 2112** for sill pan definitions). Sill pan should have a positive slope and must be installed onto the sill of the R.O. in a weather-tight manner and able to drain to the exterior. For aftermarket sill pans, such as SureSill™, follow manufacturer's instructions. For sill pans without a positive slope, place 1/4" tall plastic shim 2" from each corner and no more than 8" on center in between **(excludes Canada)**.

4. Temporarily Fasten and Shim Product: Position window/door product into R.O. and apply a screw through-frame/fin at an upper corner. Verify product is level. Add shims along the sides and head to make product square, plumb and without twist (min. of 3 shims per side – top, bottom, middle). See installation instructions at **www.jeld-wen.com** for product installation tolerances.

5. Fasten Product (Size and Spacing): Unless specified by instructions or code, most products should be secured with a #8 pan-head (or larger diameter head), corrosion resistant screw; embedment must be a minimum of 1 1/4" into the structural framing. Place a shim at each through-frame screw location. **NOTE:** Florida, Texas and other jurisdictions may have additional requirements – **check local code.** Additionally, folding nail fins and some exterior trim options are not structural, so through-frame fastening is required. See installation instructions at **www.jeld-wen.com** for screw spacing. As a default, screw spacing is 4" from corners and 8" on center.

6. Install Drip Cap: The use of a drip cap on all window/door products is recommended, regardless if supplied. A drip cap is **required** on any vertical mulled/joined products, regardless if supplied. **NOTE:** A drip cap may not be suitable for some product lines (e.g. brickmould vinyl, flush fin, vinyl flat casing, various wall systems), regardless these product lines need to be incorporated into the wall in a weather-shedding manner.

7. Create "Interior" Air Seal: A "continuous" interior air seal is **required** (use low expansion window-door foam or backer rod and sealant) between the window/door frame and the R.O. framing (jamb extension is not to be considered part of the frame). An air space should remain between the nail fin/exterior sealant joint and the interior air seal. **NOTE:** Shims may need to be cut back, so the interior air seal is "continuous" between the window/door frame and rough opening. Additionally, some wall systems may not allow for the application of an interior air seal.

Weather Proofing of the Rough Opening (R.O.) and/or Product is the responsibility of the Installer: JELD-WEN recommends the use of industry-recognized flashing systems, such as OSI (www.ositough.com) or other professional sources.

NOTE: It is the responsibility of the Owner, Architect or General Contractor to select products in compliance with applicable laws and building codes.

These 7-steps serve as the basic/default steps during the installation process and are in conjunction with the product installation instructions which better refine fastener spacing, shimming, fastener location, additional information on applying loose parts/components, care/maintenance, product handling/storage and all other product related aspects/considerations, found at jeld-wen.com.

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