JELD-WEN

# 8 Step Installation Instructions

for Windows and Patio Doors (JWTCC-90026)

## The 8 Installation Steps below are included on the JW product label:

1. **Inspect Product:** Products should be inspected for shipping damage, color, configuration, handing, and correct size, as well as for any manufacturing anomalies prior to installation (e.g., warp, bow, squareness). Contact your Dealer or JELD-WEN if any issues are identified.
2. **Inspect Rough Opening:** Inspect rough opening prior to installation of the product. Correct any deviation or intrusion that would prevent the window/door product from being installed plumb, level, square and without twist.
3. **Install Sill Pan Flashing System:** A pan flashing system (as defined in **ASTM E2112**) is **required** at the sill prior to window/door product installation. Sill pan flashing systems must be installed onto the sill of the rough opening in a weather-tight manner and drain to the exterior. For sill pans without positive slope, place 1/4" tall plastic shim 2" from each corner and no more than 8" on-center in between.
4. **Temporarily Fasten and Shim Product:** Position window/door product into rough opening and apply a screw through-frame or fin at an upper corner. Verify product is level. Add shims along the sides and head to position the product square, plumb and without twist (min. of 3 shims per side – top, bottom, middle).
5. **Fasten Product (Embedment and Spacing):** *Unless specified by unique product instructions or applicable code,* products **with** an integral nail fin should be secured with a minimum embedment of 1 1/4" into the structural framing. **DO NOT** over-drive/over-tighten fasteners. For products **without** an integral nail fin, fasten through the frame and shim, or utilize mechanically attached masonry straps. As a guideline, fastener spacing should be 4" from corners and 8" on-center. A more detailed description of fastener size and spacing can be located at **www.jeld-wen.com** or in supplemental installation instructions (if provided).
6. **Install Drip Cap:** The use of a drip cap on all window/door products is recommended. A continuous drip cap is **required** on any **vertical** mulled or joined products. **NOTE:** A drip cap may not be suitable for some product features (e.g., brickmould vinyl, flush fin, vinyl flat casing, various wall systems). Proper installation of these products requires integration into the exterior 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 rough opening. Jamb extensions are not considered part of the frame. An air space should remain between the nail fin/exterior sealant joint and the interior air seal. **NOTE:** You may need to cut shims, so the interior air seal is "continuous" between the window/door frame and rough opening.
8. **Remove Protective Film:** Remove protective film immediately from all surfaces of the frame/sash and within six months from any glass.

JELD-WEN recommends the use of a registered design professional when these installation guidelines **DO NOT** match your specific installation conditions. It is the responsibility of the Owner, Architect or General Contractor to select products in compliance with applicable laws and building codes. **When purchasing JELD-WEN mull components, customer acknowledges that JELD-WEN expressly disclaims any and all liability for the design or installation of field mulls. Structural performance and weatherproofing of field mulls are the responsibility of the design professional, product installer or building owner. Weatherproofing of the rough opening, along with the flashing and proper integration of the fenestration product with the water-resistive barrier, is the responsibility of the installer. JELD-WEN recommends strict adherence to the current version of ASTM E2112.**

**NOTE:** Altering the product or failing to follow installation instructions could lead to the denial of future warranty claims.

**JELD-WEN does not recommend the installation of our products into a barrier-type exterior envelope system. Any barrier-type system installation should include properly engineered accommodations for sill pan and weep system drainage outboard of the barrier system or cladding.**

**JELD-WEN products must be inspected for any damage immediately upon delivery. Any damage must be reported to JELD-WEN within 14 days of receipt of product. All damage should be documented and reported to JELD-WEN Customer Service via email at WoodSupport@jeldwen.com or VinylSupport@jeldwen.com, respectively, and include product order information along with photos. Damage not immediately apparent (latent damage) must be reported upon discovery. In no event should damaged product be installed before reporting damage to JELD-WEN. Failure to comply with these instructions may be the basis for denial of any damage-related claim.**

This 8-step guide outlines the installation process for JELD-WEN products. In addition to this guide, please review the detailed installation instructions, product safety information, instructions on applying separate components, care and maintenance recommendations and the JELD-WEN Limited Warranty located at **www.jeld-wen.com.**

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