



# Product Evaluation

DR470 | 1114

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

**Evaluation ID:** DR-470

**Effective Date:** November 1, 2014

**Re-evaluation Date:** August 2017

**Product Name:** Builders Clad Wood Sliding Patio Doors – Fixed Panel (O), Non-impact Resistant

**Manufacturer:** JELD-WEN Windows and Doors  
201 Evans Road  
Rantoul, IL 61866  
(217) 893-4444

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Builders Clad Wood Sliding Glass Door - Fixed Panel-O	LC-PG50 50.13" x 95.50"	± 50 psf

### Product Dimensions:

System	Overall Size	Fixed Panel Size	Fixed Daylight Opening
1	50.19" x 95.63"	48.19" x 93"	41.50" x 86.31"

### Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	JELD-WEN Windows & Doors
	Product Name	Builders Clad Fixed Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation (Nailing Flange Installation):**

- Use a minimum wood wall framing members of Spruce-Pine-Fir Pine dimension lumber.
- The frame sill is set in a bed of silicone sealant and fastened using one No. 8 pan head screw installed through pre-drilled holes at approximately 12" on center.
- Fasten the head and side jambs through the aluminum integral nailing flange to the dimensional lumber using one (1), No. 8 pan head screw installed at approximately 8" on center.
- Use silicone sealant along the full perimeter of the nailing flange to the dimensional lumber.
- Install eight screws along the head, four along the sill, and 12 screws along each side jamb.
- Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Note:** The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.