

Product Evaluation

DR469 | 1222

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-469**Effective Date:** December 1, 2022**Re-evaluation Date:** May 2024

Product Name: W-2500 Aluminum Clad Wood Sliding Glass Doors, Fin and Frame Installation,
Non-Impact Resistant

Manufacturer: JELD-WEN Windows and Doors
Research and Development
3737 Lakeport Blvd.
Klamath Falls, OR 97601
(541) 850-2650

General Description:

System	Description	Label Rating	Design Pressure Rating
1	W-2500 Aluminum Clad Wood Sliding Glass Doors; XO	LC-PG50 (95.25 x 82.5)-SD	+50 / -50 psf
2	W-2500 Aluminum Clad Wood Sliding Glass Doors; XO	LC-PG35 (95.25 x 95.5)-SD	+35 / -35 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	95-3/8" x 82-9/16"	48-1/8" x 80"	41-7/16" x 73-5/16"
2	95-3/8" x 95-1/2"	48-1/8" x 93"	41-7/16" x 86-5/16"

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	WDMA
	Manufacturer's name or code name	JELD-WEN Windows & Doors
	Product name	W-2500 Clad Sliding Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17 as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:

System 1: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with a nailing fin. The head and side jambs are secured to the wall framing through the aluminum nailing fin using one (1) No. 8 pan head screw located 8" on center. The sill is secured to the wall framing with one (1) No. 8 pan head screw installed through the pre-punched holes at 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 2: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with No. 10 x 2" flat head screws. Along the head and side jambs, locate the screws approximately 2" from the interior face, 4" from each corner, and 21-7/8" on center along the head, and 17-1/2" on center along the side jambs. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.