

Product Evaluation

DR1148 | 0421

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-1148

Effective Date: April 1, 2021

Re-evaluation Date: July 2024

Product Name: Design Pro Smooth Pro F-2500 Fiberglass Folding Doors, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Design Pro Smooth Pro Fiberglass Folding Doors, XX	R-PG50 (71 x 79)-FLD	+50 / -55 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	71-1/4" x 79-5/16"	34-5/8" x 76-1/8"	26-3/16" x 67-3/4"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Centor Handle	1	Install in accordance with JELD-WEN drawing No. D015284, titled "F-2500 Folding Wall System Non-Impact," dated July 29, 2020. Signed and sealed by Joseph A. Reed, P.E. on November 6, 2020.
	Centor Hinge Set	3	
	Centor Pivot Hinges	2	
	Centor Roller Hinges	2	
	Centor Shoot Bolts	2	

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	JELD-WEN, Inc.
	Product name	Design Pro Smooth Pro Folding Fiberglass Door System (XX)
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-17,17

Impact Resistance:

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

Installation:

System		
1	Type of installation	Install in accordance with JELD-WEN drawing No. D015284, titled "F-2500 Folding Wall System Non-Impact," dated July 29, 2020. Signed and sealed by Joseph A. Reed, P.E. on November 6, 2020.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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.