

Product Evaluation

DR913 | 1221

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-913

Effective Date: December 1, 2021

Re-evaluation Date: December 2025

Product Name: FeelSafe Aluminum Clad Wood French Sliding Patio Doors, Fin Installation, Impact Resistant

Manufacturer: Sierra Pacific Windows
575 South Whelen Ave
Medford, WI 54451
(715) 748-2011

General Description:

System	Description	Label Rating	Design Pressure Rating
1	FeelSafe Clad Wood French Sliding Patio Doors; OXXO	LC-PG50 (188 x 96)-SD Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	187-9/16" x 95-13/16"	47-15/16" x 93"	39" x 81-1/4"

Product Identification (Certification Label on Door):

System		
1	Certification agency	WDMA
	Manufacturer's name or code name	Sierra Pacific Windows
	Product name	FeelSafe Clad French Sliding Patio Door OXXO
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E1886-13a/E1996-14 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

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 sill is secured with a vinyl nailing fin, and the head and side jambs are secured with an aluminum nailing fin. The nailing fin is secured with No. 8 PPH screws. Locate the screws approximately 1-3" from each corner and 6-8" on center. Two (2) antitheft brackets at the sill and one (1) at the head are secured with one (1) No. 8 x 1-1/2" PFH SS screw into the panel and one (1) No. 10 x 2-1/2" PFH SS screw into the wall framing. The sill is also secured with No. 10 x 2-1/2" PFH SS screws. Locate the screws approximately 1-3" from each corner and spaced 15" on center through the inside track and sealed with silicone sealant.

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.