



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

**Sierra Pacific Windows
Feel Safe Full Radius Outswing Doors
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL47251

Report No. 9650

Current Florida Building Code

Method: 1-D (Engineering Evaluation)
Category: Exterior Doors
Sub – Category: Swinging Exterior Door Assemblies

Product: Feel Safe Full Radius Outswing Doors
Materials: Aluminum 6063-T5
Product Dimensions: See Installation Instructions, SPW013

Prepared for:

**Sierra Pacific Windows
11605 Reading Road
P.O. Box 8489
Red Bluff, CA 96080**

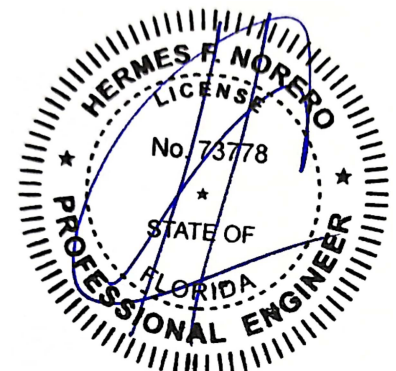
Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 2/11/2025

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.02.11 11:46:42 -05'00'



Hermes F. Norero, P.E.
Florida P.E. No. 73778

1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Manufacturer: Sierra Pacific Windows

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Doors Assemblies

Compliance Method: State Product Approval Method (1)(d)

Product Name: Feel Safe Full Radius Outswing Doors (HVHZ) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Sierra Pacific Windows** based on Method 1d of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **SPW013**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with chapter 16 of the current edition of the Florida Building Code and does not require impact resistant covering in areas requiring Impact Resistance.
4. Site conditions that deviate from the details of installation instructions **SPW013** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **SPW013** for size and design pressure limitations.

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Quality Assurance: The manufacturer has demonstrated compliance of manufacture of products in accordance with the current Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Windows and Door Manufactures Association** (FBC Organization # QUA2515).

Performance Standards: The product described herein has been evaluated per:

- TAS 201-94
- TAS 202-94
- TAS 203-94
- AAMA/WDMA/CSA 101/I.S.2/A440-08/11
- ASTM E1886-13a
- ASTM E1996-14a

Referenced Data:

1. Product Testing performed by **Element Materials Technology**
Report: ESP026348P-2208.1 Dated: 01/29/2019
ESP026348P-2208.1 03/20/2019
ESP026348P-2208.1 03/20/2019
ESP026348P-2208.1 03/25/2019
Signed and Sealed by, Thomas A. Kolden, FL P.E. 50899, Dated 02/20/2019
2. Quality Assurance Agency
Windows and Door Manufactures Association
(FBC Organization #: QUA2515)

Installation: Refer to Installation Instructions (**SPW013**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure: Refer to Installation Instructions (**SPW013**) for design pressure configurations.