Product Evaluation Report

Product Manufacturer	Product Name, Model and/or Description
Sierra Pacific Windows 575 South Whelen Ave. Medford, Wisconsin 54451	FeelSafe & FeelSafe IG Monument Double Hung/Single Hung Operating Window with Transom Window Stack with 1/4" x 5" Aluminum Horizontal Plate Mull 82.63"W x 106.19"H Mull Assembly

Code: Current Edition of the Florida Building Code including the 9th Edition (2026) Florida Building Code

Compliance Method: 61G20-3.005(1)(a) – Certification Mark or Listing

Product Name, Model and/or Designation: Products covered by this evaluation include the following.

- FeelSafe & FeelSafe IG Monument Double Hung/Single Hung Operating Window with Transom Window Stack with 1/4" x 5" Aluminum Horizontal Plate Mull 82.63"W x 106.19"H Mull Assembly, Fin Installation with L-Clip and Screws at Mulls (shown on HURD0015)
- FeelSafe & FeelSafe IG Monument Double Hung/Single Hung Operating Window with Transom Window Stack with 1/4" x 5" Aluminum Horizontal Plate Mull 82.63"W x 106.19"H Mull Assembly, Screw Thru Frame & L-Clip Installation (shown on HURD0016)
- FeelSafe & FeelSafe IG Monument Double Hung/Single Hung Operating Window with Transom Window Stack with 1/4" x 5" Aluminum Horizontal Plate Mull 82.63"W x 106.19"H Mull Assembly, L-Clip Installation with Screws at Mulls (shown on HURD0017)

Product Testing, Materials and Certification:

- Element Materials Technology Test Report No. ESP015004P-1482 and associated laboratory drawings.
- Certification by WDMA
- Laminated Glazing Interlayers.
    - Eastman Chemical Company (MA) Saflex PVB Interlayer code conformance per the current issued Miami-Dade Notice of Acceptance. Eastman Chemical Company (MA) MD NOAs can be found here.
- Materials
    - Window Frame Material: Ponderosa pine used in testing. Other wood species applicable for use with this product are those with a specific gravity of 0.43 and modulus of elasticity of 1,200,000 psi or greater. All wood is minimum Grade 2 milled by Hurd Windows & Doors to select.
    - Aluminum cladding (6063-T5 or T6).

Product Installation Instructions:

- PTC Drawing No. HURD0015 prepared by Robert J. Amoruso, PE, signed and sealed 8/18/26.
- PTC Drawing No. HURD0016 prepared by Robert J. Amoruso, PE, signed and sealed 8/18/26.
- PTC Drawing No. HURD0017 prepared by Robert J. Amoruso, PE, signed and sealed 8/18/26.

Engineering Analysis: The following engineering and/or rational analysis/calculations have been performed.

- Anchorage has been verified by calculation (Calc. No. 2293) prepared by the undersigned in accordance with the current edition of the Florida Building Code.
- Window Glazing verified using ASTM E1300-24.

Amoruso Consulting Engineering, LLC
FBPE Registration No. 38327
Robert J. Amoruso, FL P.E. No. 49752

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Performance Testing:

- TAS 201-94
- TAS 202-94
- TAS 203-94

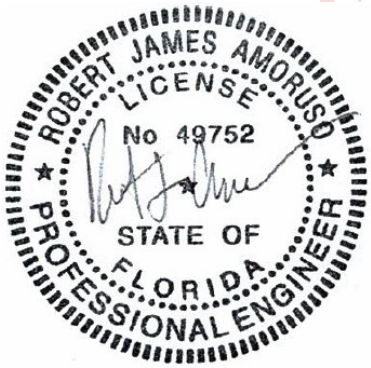
Limitations & Conditions of Use:

- This product has been evaluated for use inside the HVHZ (High Velocity Hurricane Zone) and is Impact Resistance.
- Refer to Product Installation Instructions noted above for:
  - Maximum allowable wind loads at related maximum allowable size(s).
  - Overall dimensions and material/grade of main product components, accessories, etc.
  - Illustrated diagrams of the attachment of the product to the structure.
  - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

Certificate of Independence per Product Approval Rule 61G20-3.009

Robert J. Amoruso, P.E., does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

Robert J. Amoruso, P.E., does not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



Digitally signed by Robert J Amoruso
Date: 2026.09.11 14:51:14 -04'00'

Evaluated by:
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