

Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 1893-PER, Rev. 7 | Project No. 422-0605 | 2/10/23 | Page 1 of 2

Manufacturer
E. F. San Juan, Inc.
11442 Highway 231
Youngstown, FL 32466

Product Series, Model and/or Description
Inswing and Outswing Wood Entry Doors

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Methods: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Installation Instructions:

- E. F. San Juan, Inc. Outswing Wood Entry Doors
 - Drawing No. SAN0001, Rev. G, dated 2/10/23, Outswing Wood Entry Doors Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E.
- E. F. San Juan, Inc. Inswing Wood Entry Doors
 - Drawing No. SAN0002, Rev. C, dated 2/10/23, Inswing Wood Entry Doors Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E.

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

- Anchorage and product verification has been substantiated by calculation (PTC Report. No. 1892-Calc) prepared, signed, and sealed by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.
- Exit (Panic) Device door component interchangeability verification has been substantiated by evaluation (PTC Report. No. 2315-PEER) prepared, signed, and sealed by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.
- Door configuration verification has been substantiated by evaluation (PTC Report. No. 2385-PEER) prepared, signed, and sealed by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.
- Door component interchangeability verification has been substantiated by evaluation (PTC Report. No. 2315-PEER) prepared, signed, and sealed by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.
- Hinges door component interchangeability verification has been substantiated by evaluation (PTC Report. No. 2315-PEER) prepared, signed, and sealed by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code
- Window glazing verified using ASTM E1300-12AE1 and 2016.

Performance Testing Standards:

- Drawing No. SAN0001, Outswing Wood Entry Doors
 - AAMA/WDMA/CSA 101/I.S. 2/A440-05, Standard/Specification for Windows, Doors, and Unit Skylights.
 - ASTM E330-02, Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
 - ASTM E1996-02/05, Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes
 - ASTM E1886-02/05, Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
- Drawing No. SAN0002, Inswing Wood Entry Doors
 - ASTM E330-02, Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
 - ASTM E1996-02/05, Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes



Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 1893-PER, Rev. 7 | Project No. 422-0605 | 2/10/23 | Page 2 of 2

- ASTM E1886-02/05, Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials

Product Testing:

- National Certified Testing Laboratories, Test Report No. NCTL-210-3699-1, dated 2/7/11, AAMA/WDMA/CSA 101/I.S. 2/A440-05 and ASTM E1996/E1886-02/05 testing for fixed sidelights to be used with exterior swinging entry doors.
- National Certified Testing Laboratories, Test Report No. NCTL-210-3699-2, dated 2/7/11, ASTM E330-02 and ASTM E1996/E1886-02/05 testing for alternate panel configurations to be used with exterior swinging entry doors.
- National Certified Testing Laboratories, Test Report No. NCTL-210-3699-3, dated 2/7/11, ASTM E330-02 and ASTM E1996/E1886-02/05 testing for double (XX) exterior swinging entry doors.
- National Certified Testing Laboratories, Test Report No. NCTL-210-3699-4, dated 2/7/11, AAMA/WDMA/CSA 101/I.S. 2/A440-05 and ASTM E1996/E1886-02/05 testing for double (XX) exterior swinging entry doors.

Material Certifications:

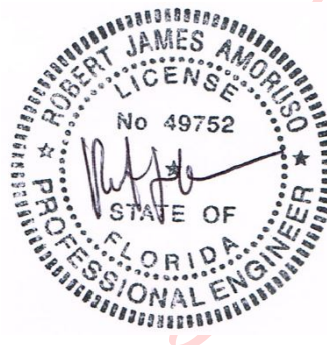
- Kuraray Trosifol PVB interlayer material certification per current Miami-Dade Notice of Acceptance (NOA)
 - Current Miami-Dade NOA can be found [here](#).

Limitations & Conditions of Use:

- This product has not been evaluated for use inside the HVHZ (High Velocity Hurricane Zone)
- This product is Impact Resistance. Therefore, a protective impact-rated device (i.e., shutter(s)) is not required.
- 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

PTC Product Design Group, LLC and 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. PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do 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
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Evaluated by:
Robert J. Amoruso, P.E.
FL PE License No. 49752

