

# Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 1893-EER, Rev. 7 | Project No. 422-0605 | 2/10/2023 | Page 1 of 2

## Product Manufacturer

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

## Product Name, 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 Method:** Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

**Product Fenestration Description:** Products covered by this evaluation include the following.

- 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.

## **Product Testing, Materials and Certification:**

- Performance 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/Component Approvals:
  - Kuraray Trosifol PVB interlayer material properties per current Miami-Dade Notice of Acceptance (NOA) Current Miami-Dade NOA can be found [here](#).

## **Equivalency Evaluation:**

### PERFORMANCE TESTING

The following table shows the performance standards used in testing and those in the current edition of the FBC.



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| Standard Used in Testing         |                | Current Edition of the Florida Building Code including the 8 <sup>th</sup> Edition (2023)<br>Florida Building Code |                          | Comments             |
|----------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|
| Description                      | Revision Level | Building Volume (FBC)                                                                                              | Residential Volume (FRC) |                      |
| AAMA/WDMA/CSA 101/I.S. 2/A440-05 | 05             | 08                                                                                                                 | 08                       | See Evaluation Below |
| ASTM E330                        | 02             | 14                                                                                                                 | 14                       |                      |
| ASTM E1886                       | 02/05          | 13a                                                                                                                | 13a                      |                      |
| ASTM E1996                       | 02/05          | 14a                                                                                                                | 14a                      |                      |

The AAMA and ASTM Standards listed above and used in testing have been compared to their current revision levels in the 8th Edition (2023) Florida Building Code and found to be acceptable. Changes in the current revisions do not affect the results obtained using previous versions of the reference standard.

## ASTM E1996 Testing Evaluation:

- 1) Wind Zone 4 testing
  - a. ASTM E1996-14 moved Wind Zone 4 criteria to the non-mandatory appendix. As indicated in Appendix X4.1, ASTM E1996-14a the Wind Zone 4 requirement, though non-mandatory, is still present and may be specified when needed to meet specific building codes requirements. Those requirements are detailed in Sections 1609.1.2.2, 1609.1.2.4 and 1609.3 of the Florida Building Code. Based on a review of the test reports, those parameters are met.
- 2) The Missile Level and Impact Speed used in testing are consistent with those currently required by the Florida Building Code and ASTM E11996.
- 3) The static load (ASTM E330) and cyclic load (ASTM E1886/E1996) parameters used in testing are consistent with those currently required by the Florida Building Code.

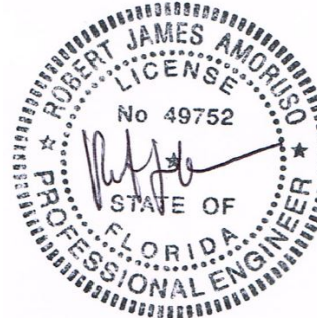
## MATERIALS TESTING

Kuraray Trosifol PVB interlayer material properties per current Miami-Dade Notice of Acceptance (NOA) were reviewed for conformance to the current edition of the Florida Building and found to be acceptable. Current Miami-Dade NOA can be found [here](#).

### 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.

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Digitally signed  
by Robert J  
Amoruso  
Date: 2023.07.23  
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Evaluated By:  
Robert J. Amoruso, P.E.  
FL P.E. License Number 49752

