Product Evaluation Report

Date:	July 30, 2023
Report #:	2066-PER
Report Revision No.:	3
Project #:	423-0209
Product Mfg.:	Simpson Door Company 400 Simpson Ave. McCleary, WA 98557
Product Description:	Impact Series 7001 Inswing Style Fixed Glazed Wood Door
Product Category:	Exterior Doors
Product Sub-Category:	Swinging Exterior Door Assemblies
Compliance Method:	Product Approval Rule 61G20-3.005(1)(a) – Certification Mark or Listing
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CERTIFICATE OF INDEPENDENCE

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do 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.

ROBERT JAMES AMORUSO
LICENSE
No 49752
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Robert J Amoruso
Date: 2023.09.05 14:03:03 -04'00'

Evaluated by:
Robert J. Amoruso, P.E.
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SCOPE

Evaluate Simpson Door Company Impact Series 7001 Inswing Style Fixed Glazed Wood Door for conformance to the Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ).

The engineering analysis (Reference 3) determines the anchorage of the product to the supporting substrate and the product evaluation report (this document) summarizes Current Edition FBC compliance verification and appropriate Limitations and Conditions of Use.

DESCRIPTION OF PRODUCT – INSTALLATION REQUIREMENTS

See Reference 1 for a description of the product, its installation and other pertinent data related to its approved use.

CODE CONFORMANCE

This product is designed to comply with the Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ).

LIMITATIONS AND CONDITIONS OF USE

This product evaluation report contains or refers to specifications, technical details, and installation details and/or methods that pertain to the proper use and/or installation of the product specified herein. Specific limitations and conditions of its use including but not limited to the following are contained in Reference 1 and are the subject of Product Approval in accordance with the State of Florida Product Approval Rule 61G20-3.

- Design Pressure Rating (psf)
- Installation substrate requirements.
- Installation anchor requirements.
- Installation restrictions.
- Product description.
- Product components.

PERFORMANCE AND TESTING STANDARDS

Reference 2 conducted testing to the following standard(s). See Reference 5 for testing standards equivalency evaluation and conformance to the Current Edition FBC/FRC.

1. ASTM E330-02, Standard Test Method for Structural Performance of Exterior windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.

2. ASTM E547 -00 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference

3. ASTM E283-04, Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

4. ASTM E1886-04, 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

5. ASTM E1996-03, Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes

SUPPORTING DOCUMENTS

1. Drawings:
    a. SIMP0012, Rev. C, dated April 14, 2015, signed, and sealed by Robert J. Amoruso, Simpson Door Company Impact Series 7001 Inswing Style Fixed Glazed Wood Door – Installation Anchorage Details

2. Test Reports by Construction Consulting Laboratory, International
    a. CCLI-05-128, dated September 19, 2005
    b. CCLI-07-136, dated July 23, 2007

3. Calculations
    a. PTC Report No. 2051, Anchorage Engineering, for Simpson Door Company Impact Series 7001 Inswing Style Fixed Glazed Wood Door, dated April 4, 2015, signed, and sealed by Robert J. Amoruso.