



Product and Equivalency Evaluation Report

Date: June 23, 2023

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

Compliance Method: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed PE
Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

Report #: 2154-PER and 2154-EER

Report Revision No.: 4

Project #: 422-0912

Product Mfg.: Millwork Plus, Inc.
262 Hummer Way
Taveres, Florida 32778

Product Description: Non-Impact O/S & I/S Wood Door w/Sidelites & Transom
Non-Impact O/S & I/S Glazed & Opaque Double Wood Doors

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

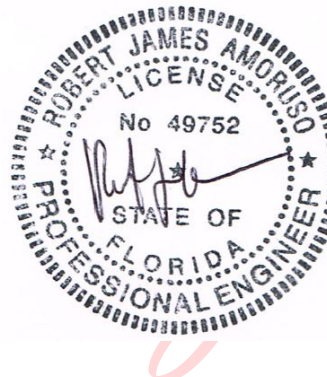
Compliance Method: Product Approval Rule 61G20-3.005(1)(a) – Certification Mark or Listing

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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.



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SCOPE

Evaluate Millworks Plus, Inc. (a) Non-Impact O/S & I/S Wood Door w/Sidelites & Transom and (b) Non-Impact O/S & I/S Glazed & Opaque Double Wood Doors for conformance to the current edition of the Florida Building Code – Building and Residential Volumes excluding the High Velocity Hurricane Zone (HVHZ).

This product evaluation report summarizes the current edition FBC/FRC 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 (FBC) requirements excluding the High Velocity Hurricane Zone (HVHZ).

The current edition of the Florida Building Code (FBC) and current edition of the Florida Residential Code (FRC) requirements specific to this product that have been met by testing (Reference 2), engineering (Reference 3) and depicted on the installation drawings (Reference 1).

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 SUMMARY

Reference 2 conducted testing to the following standard(s).

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

In accordance with Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards, ASTM E330-02 was reviewed against the 8th Edition (2023) of the Florida Building Code, Building and Residential Volumes. The following was concluded.

- ASTM E330-14 is reference standard in the 8th Edition (2023) of the Florida Building Code, Building Volume.
- ASTM E330-14 and ASTM E330-14(21) are the reference standards in the 8th Edition (2023) of the Florida Building Code, Residential Volume.
- ASTM E330-02 is not a reference standard in the 8th Edition (2023) of the Florida Building Code, Building of Residential Volumes.

The test reports in Reference 2 below refer to ASTM E330-02. Those test results and described methods of testing were compared to ASTM E330-14 and found to meet ASTM E330-14 requirements.

Therefore, Reference 2 testing to ASTM E330-02 is found to follow the 8th Edition (2023) of the Florida Building Code, Building and Residential Volumes requirements.

REFERENCES & SUPPORTING DOCUMENTS

1. Drawings:
 - a. MILLP0001, Rev. B, dated October 3, 2017, signed, and sealed by Robert J. Amoruso, Millworks Plus, Inc. Non-Impact O/S & I/S Wood Door w/Sidelites & Transom Anchorage Installation Instructions
 - b. MILLP0002, Rev. B, dated October 3, 2017, signed, and sealed by Robert J. Amoruso, Millworks Plus, Inc. Non-Impact O/S & I/S Glazed & Opaque Double Wood Doors Anchorage Installation Instructions
2. Test Reports by Certified Testing Laboratories, Orlando, FL
 - a. CTLA-1836W, dated 01/28/09, Wood Entry Opaque Double Door Configuration: XX to ASTM E330-02 showed on MILLP0002.
 - b. CTLA-1836W-1, dated 01/28/09, Wood VGDF Entry Double Door w/Multiple Glasses Configuration: XX to ASTM E330-02, shown on MILLP0002.
 - c. CTLA-1836W-2 dated 01/28/09, Wood Entry Glazed Single Door w/Sidelites & Half Round Transom Configuration: O/OXO to ASTM E330-02 shown on MILLP0001.
3. Reports
 - a. Anchor Evaluation Report No. 1438, Rev. 1 dated 10/15/2012 for MILLP0002 & Addendum dated 10/2/15, signed and sealed by Robert J. Amoruso, P.E.
 - b. Anchor Evaluation Report No. 1439, Rev. 1 dated 10/15/2012 for MILLP0001 & Addendum dated 10/2/15, signed and sealed by Robert J. Amoruso, P.E.