R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-12184.2***

Date: ***July 1, 2026***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Metal Manufacturing Industries Priv. De Rio Santiago #30 Col. La Raza Soledad De Graciano Sanchez San Luis Potosi, C.P. 78433	"N" Series Single Opaque Door Outswing "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Metal Manufacturing Industries, based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Dept. of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ", this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
5. Outswing configurations using high water dam threshold item # 78 meet water infiltration requirements for "HVHZ".
6. Outswing configurations using sill item #40 and #41 do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
7. The "N" door achieves a Class III stiffness classifications per section 8.2.2 of ANSI A250.13.
8. Site conditions that deviate from the details of drawing FL-12184.2 require further engineering analysis by a licensed engineer or registered architect.
9. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6.
10. See drawing FL-12184.2 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
TEL 08-02200006	ASTM E330-02	Testing Evaluation Laboratory	Wendell Haney, P.E.
TEL 08-02200006-1C	ASTM E1996/1886-02	Testing Evaluation Laboratory	Wendell Haney, P.E.
TEL 06-1005-1	ASTM E330-02 ASTM E1996/1886-02	Testing Evaluation Laboratory	Wendell Haney, P.E.
TEL 08-02200007	TAS 201, 202 & 203-94	Testing Evaluation Laboratory	Wendell Haney, P.E.
TEL 01280050	TAS 201, 202 & 203-94	Testing Evaluation Laboratory	Wendell Haney, P.E.

2.

Drawing No.	Prepared by	Signed & Sealed by
No. FL-12184.2	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

3.

Calculations	Prepared by	Signed & Sealed by
Anchoring	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

4. **Quality Assurance**
Certificate of Participation issued by Underwriters Laboratories Inc., certifying that Metal Manufacturing Industries is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2026.07.24 08:43:06 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by **L. F. Schmidt** on **7-24-26**.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA