



R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.: FL-18506.9

Date: December 15, 2015

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	HMF Express LLC 2501 Northchase Pkway SE Wilmington, NC 28405 (910) 452-1845 Ext:1139	Steel Glazed Door Outswing "Impact"

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for HMF Express LLC based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department 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 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding 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 areas 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 and Section 1609.1.2.2 of the FBC.
4. Site conditions that deviate from the details of drawing FL 18506.8 require further engineering analysis by a licensed engineer or registered architect.
5. See drawing FL-18506.9 for size and design pressure limitations.

Supporting Documents:

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| 1. <u>Test Report No.</u>
CTLA 1698W | <u>Test Standard</u>
ASTM E 330-02
ASTM E 1886-02/1996-02 | <u>Testing Laboratory</u>
Certified Testing Lab. | <u>Signed by</u>
Ramesh Patel, P.E. |
| 2. <u>Miami-Dade NOA</u>
14-0423.11 | <u>Materials Testing</u>
StormGlass™ Glass Interlayer (Oldcastle BuildingEnvelope) | | |
| 3. <u>Drawing No.</u>
No. FL-18506.9 | <u>Prepared by</u>
RW Building Consultants, Inc. (CA #9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 4. <u>Calculations</u>
Anchoring | <u>Prepared by</u>
RW Building Consultants, Inc. (CA #9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 5. <u>Quality Assurance</u>
Certificate of Participation issued by PFS Corporation, certifying that HMF Express LLC is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

