

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.: FL19312.1

Date: December 14, 2015

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	HMF Express LLC 2501 Northchase Pkwy SE Wilmington, NC 28405 (910) 452-1845 Ext:1139	Borrowed Lite Steel Frame "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 Hollow Metal, Inc based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

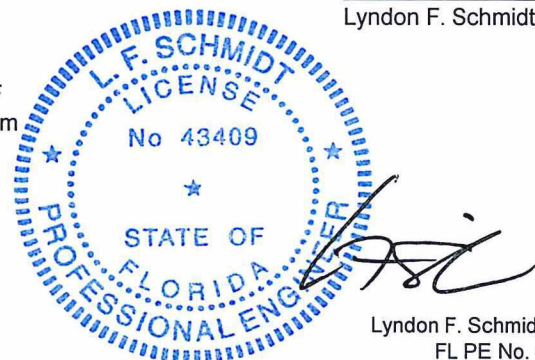
RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

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-19312.1 require further engineering analysis by a licensed engineer or registered architect.
5. See drawing FL-19312.1 for size and design pressure limitations.

Supporting Documents:

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| 1. Test Report No.
TEL 02991414 | Test Standard
ASTM E330-02
ASTM E1886-05/1996-09 | Testing Laboratory
Testing Evaluation Lab., Inc. | Signed by
V.K. Wright |
| 2. Miami-Dade NOA
14-0423.17 | Materials Testing
Saflex PVB Interlayer (Eastman Chemical Co.) | | |
| 3. Drawing No.
No. FL-19312.1 | Prepared by
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 4. Calculations
Anchoring | Prepared by
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 5. Quality Assurance
Certificate of Participation issued by PFS Corporation, certifying that HMF Express, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |



Lyndon F. Schmidt, P.E.
FL PE No. 43409
12/15/2015