

**Product Evaluation Report**

**Report No.:** FL-18506.2

**Date:** September 1, 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	"HH8-PCD" Steel Door Inswing / 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 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:**

- This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
- 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 and Section 1609.1.2.2 of the FBC.
- Site conditions that deviate from the details of drawing FL 18506.2 require further engineering analysis by a licensed engineer or registered architect.
- This product does 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.
- All steel shall be protected as specified in Section 2222.6 of the FBC.
- See drawing FL-18506.2 for size and design pressure limitations.

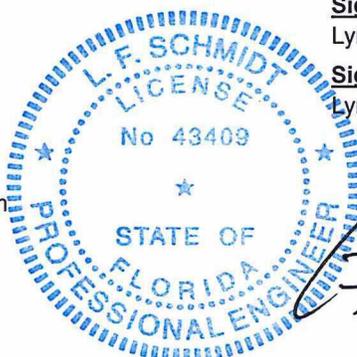
**Supporting Documents:**

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| 1. <b>Test Report No.</b><br>TEL 02990623<br>TEL 02991411<br>TEL 02990624                                                                                                                                                            | <b>Test Standard</b><br>TAS 201, 202 & 203-94<br>TAS 201, 202 & 203-94<br>ASTM E1886-05/E1996-06, E330-02 |
| 2. <b>Miami-Dade NOA</b><br>11-1222.01                                                                                                                                                                                               | <b>Materials Testing</b><br>(EPS) Expanded Polystyrene (Carpenter Co.)                                    |
| 3. <b>Drawing No.</b><br>No. FL-18506.2                                                                                                                                                                                              | <b>Prepared by</b><br>RW Building Consultants, Inc. (CA #9813)                                            |
| 4. <b>Calculations</b><br>Anchoring                                                                                                                                                                                                  | <b>Prepared by</b><br>RW Building Consultants, Inc. (CA #9813)                                            |
| 5. <b>Quality Assurance</b><br>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. |                                                                                                           |

<b>Testing Laboratory</b> Testing Evaluation Lab., Inc. Testing Evaluation Lab., Inc. Testing Evaluation Lab., Inc.	<b>Signed by</b> William B. Shelton, P.E. William B. Shelton, P.E. V. K. Wright
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**Signed & Sealed by**  
Lyndon F. Schmidt, P.E.

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Lyndon F. Schmidt, P.E.



Lyndon F. Schmidt, P.E.  
FL PE No. 43409  
9/1/2015