

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

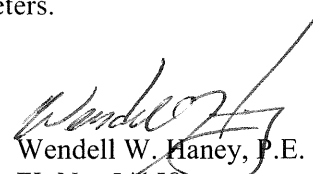
Report No.: FL-9032.1
Date: June 6, 2007
Product Category: Exterior Doors
Product sub-category: Swinging Exterior Door Assemblies
Product Name: "H" and "Hurricane"
Commercial Steel Door
In A 16ga. Hollow Metal Frame
"Impact"
Manufacturer: Mesker Door, Inc.
3440 Stanwood Blvd.
Huntsville, AL 35811
Phone 256.851.6670 Facsimile 256.851.7896

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Mesker Door, Inc. based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, 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.

This product has been evaluated for use in locations adhering to the Florida Building Code (2004Edition)

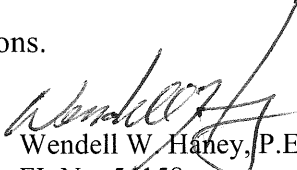
See Drawing No. FL-3653 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.



Wendell W. Haney, P.E.
FL No. 54158
July 31, 2007

Limitations

1. This product has been evaluated and is in compliance with the 2004 Florida Building Code structural requirements including the "High Velocity Hurricane Zone".
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 "High Velocity Hurricane Zone" (HVHZ) this product complies with Section 1626 of the Florida Building Code 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 1606.1.4 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. Site conditions that deviate from the details of drawing FL-3653 require further engineering analysis by a licensed engineer or registered architect.
6. This product meets the water requirements of the "HVHZ" up to a positive DP of 40 PSF.
7. See drawing FL-3653 for size and design pressure limitations.



Wendell W. Haney, P.E.
FL No. 54158
July 31, 2007

Supporting Documents

A Drawing

1. Drawing No. FL-3653 prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813), signed and sealed by Wendell W. Haney, P.E.

B Tests

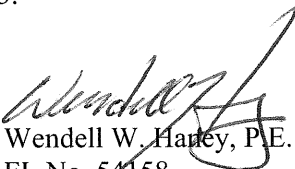
1. Testing per TAS 201-94, 202-94 & TAS 203-94 as performed by Certified Testing Laboratories and reported in test report CTLA746W1, dated October 11, 2001, signed by Ramesh Patel, P.E.
2. Testing per TAS 201-94, 202-94 & TAS 203-94 as performed by Certified Testing Laboratories and reported in test report CTLA-958W, dated January 17, 2003, signed by Ramesh Patel, P.E.

C Calculations

1. Product anchor analysis for loading conditions prepared, signed and sealed by Wendell W. Haney, P.E.

D Other

1. Certificate of Participation issued by National Accreditation & Management Institute, certifying that Mesker Door, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.


Wendell W. Haney, P.E.
FL No. 54158
July 31, 2007