

Product Evaluation Report**Report No.:** FL-16494.1**Date:** October 5, 2020

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Megamet Industries, Inc. 3228 6th Avenue North Birmingham, AL 35201 (205) 322-7700	"H" & "Hurricane" Series Commercial Steel Door Outswing "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Megamet Industries, Inc., 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 7th Edition (2020) Florida Building Code (FBC) structural requirements for 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 Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of drawing FL-16494.2 require further engineering analysis by a licensed engineer or registered architect.
5. This product meets water infiltration requirements for "HVHZ" up to a positive DP of 50 psf. For positive DP > 50 psf, 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.
6. All steel shall be protected as specified in Section 2222.6 of the FBC.
7. See drawing FL-16494.1 for size and design pressure limitations.

Supporting Documents:

- | | | | |
|--|--|---|--|
| 1. Test Report No.
CTLA-746W
CTLA-958W | Test Standard
TAS 201-94, 202-94 & TAS 203-94
TAS 201-94, 202-94 & TAS 203-94 | Testing Laboratory
Certified Testing Laboratories
Certified Testing Laboratories | Signed by
Ramesh Patel, P.E.
Ramesh Patel, P.E. |
| 2. ICC-ES Report No.
ESR-1946 | Materials Testing
EPS Insulation (Houston Foam Plastics, Inc.) | | |
| 3. Drawing No.
No. FL-16494.1 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 4. Calculations
Anchoring | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 5. Quality Assurance
Certificate of Participation issued by Keystone Certifications Inc., certifying that Megamet Industries, 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
10/5/2020