

Product Evaluation Report**Report No.:** FL-19036.14**Date:** December 19, 2023

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Vision Hollow Metal Limited 400 Zenway Blvd. Unit #1 Woodbridge, ON L4H OS7	LS18 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 Vision Hollow Metal Limited 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 8th Edition (2023) Florida Building Code (FBC) 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 "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 FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. Site conditions that deviate from the details of drawing FL-19036.14 require further engineering analysis by a licensed engineer or registered architect.
6. 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
7. See drawing FL-19036.14 for size and design pressure limitations.
8. All steel shall be protected as specified in Section 2222.6 of the FBC.

Supporting Documents:

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| <ol style="list-style-type: none"> 1. Test Report No.
HTL 0549-0706-09
FTL-15016
TEL 08512102
TEL 08512103
TEL 08513785
TEL 08513770 | <u>Test Standard</u>
TAS 201, 202, 203-94
TAS 201, 202, 203-94
TAS 201, 202, 203-94
ASTM E 330-02, E 1886-05, E 1996-09
TAS 201, 202, 203-94
TAS 201, 202, 203-94 | <u>Testing Laboratory</u>
Hurricane Test Lab
Fenestration Testing Lab
Testing Evaluation Lab.
Testing Evaluation Lab.
Testing Evaluation Lab.
Testing Evaluation Lab. | <u>Signed by</u>
Vinu J. Abraham, P.E.
Idalmis Ortega, P.E.
William B. Shelton, P.E.
Vivian K. Wright
William B. Shelton, P.E.
William B. Shelton, P.E. |
| <ol style="list-style-type: none"> 2. Miami Dade NOA
22-0627.04 | <u>Materials</u>
EPS Rigid Foam Insulation (Kingspan Insulation) | | |
| <ol style="list-style-type: none"> 3. Drawing No.
No. FL-19036.14 | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| <ol style="list-style-type: none"> 4. Calculations
Anchoring | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| <ol style="list-style-type: none"> 5. Quality Assurance
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Vision Hollow Metal Limited is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

Digitally signed by
Lyndon F Schmidt
Date: 2023.12.19
13:53:14 -05'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by L. F. Schmidt on 12-19-23.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA