NOTICE OF ACCEPTANCE (NOA)

Vision Hollow Metal Limited
400 Zenway Blvd., Unit 1
Woodbridge, Ontario L4H 057

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ). This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series LS1875 Outswing Double Steel Doors-LMI

APPROVAL DOCUMENT: Drawing No “AD10-11 Rev #4”, titled “Series LS1875 Double/Single Outswing Steel Door”, sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated FEB 08, 2018, signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:
1. See anchor options at jamb & threshold on sheet 2. Item #19 at exterior required for Water infiltration rating.
2. Double door with MG950 mullion will require Steel channel reinforcements for size exceeding 7” (84") High.
3. Electrical/Electronic function is not part of this approval, such functions to be reviewed and approved by AHJ

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Woodbridge, Ontario, Canada, series/model and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #14-0513.04 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 18-0212.10
Expiration Date: October 13, 2020
Approval Date: April 12, 2018
Page 1
REFERENCE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. Evidence submitted under previous approvals

A. DRAWINGS
1. Manufacturer's die drawings and sections (Submitted under file # see below).
2. Drawing No “AD10-11”, titled “Series LS1875 Double/Single Outswing Steel Door”, sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated JUL01, 2015, signed and sealed by Yiping Wang, P.E.

B. TESTS (Submitted under files #12-0223.30/#10-0420.02)
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94 (w/Exterior astragal)
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with manufacturer's parts and section drawings of double outswing steel doors, marked by Fenestration Testing Lab, Test Report No. FTL-6222, dated 05/18/10, signed and sealed by Jorge Causo, P.E.

This test report was revised by an addendum letter issued by Fenestration testing lab, dated June 17, 2010, signed and sealed by Jorge Causo, P.E.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC2014 (5th Edition), prepared by MCY Engineering, Inc., dated APR 21, 2015, signed and sealed by Yiping Wang, P.E.

D. QUALITY ASSURANCE
1. Miami Dade Department of Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS (Submitted under files #12-0223.29/#10-0623.02)
1. Tensile test report # FTL-6222, dated 05/18/10 prepared by fenestration Testing lab, signed & sealed by Jorge Causo, P.E.

F. STATEMENTS
1. Letter of conformance to FBC 2014 (5th edition) and No Financial interest dated May 01, 2015, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Letter of conformance to FBC 2007 & “No financial interest” dated 05/30/10, signed and sealed by Yiping Wang, P.E.(submitted under file # 10-0623.02).
3. Lab compliance as part of the above referenced test report.

G. OTHER
1. This revises & renews NOA #12-0223.30, expiring on 10/13/20.
2. Distributor Agreement between Vision Hollow Metal Ltd., Ontario Canada and Precision Building Products, Florida USA, dated 04/13/15, signed by Nick Siragusa and Jacques Rousseau, respectively, on behalf of their companies.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0212.10
Expiration Date: October 13, 2020
Approval Date: April 12, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. New Evidence submitted.

A. DRAWINGS
   1. Drawing No “AD10-11 Rev #4”, titled “Series LS1875 Double/Single Outswing Steel Door”, sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated FEB 08, 2018, signed and sealed by Yiping Wang, P.E.
   Note: This revision 4, consist of FBC code update note on sheet 1, only.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

D. QUALITY ASSURANCE
   1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   1. Letter of conformance to FBC 2017 (6th edition) and No Financial interest dated February 08, 2018, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

G. OTHER
   1. This NOA revises NOA # 14-0513.04, expiring 10/13/2020.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0212.10
Expiration Date: October 13, 2020
Approval Date: April 12, 2018
Vision Hollow Metal Limited

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. New Evidence submitted.

A. DRAWINGS
   1. Drawing No "AD10-11 Rev #4", titled "Series LS1875 Double/Single Outswing Steel Door", sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated FEB 08, 2018, signed and sealed by Yiping Wang, P.E.
   Note: This revision 4, consist of FBC code update note on sheet 1, only.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

D. QUALITY ASSURANCE
   1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
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G. OTHER
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Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0212.10
Expiration Date: October 13, 2020
Approval Date:
Hinge Layout

Typical

Double Door Typical Elevation

(With Lock Option #2 & #3 Shown)

Max. Design Load

For Sizes Shown Above or Smaller As Permitted By Pro

+75.0 PSF

-75.0 PSF

Notes:

- This product has been designed and tested to comply with the requirements of the 2017 Florida Building Code 6th Edition including high velocity hurricane zone (A-H2).
- Doors rated for large missile impact and do not require shutters.
- Doors approved for installations where water infiltration resistance is required.
- Anchors shall be as listed. Spaced as shown on details. Anchors embedded in base material shall be beyond wall dressing or stucco.
- Anchooring or loading conditions not shown in these details are not part of this approval.
- Ultimate design load obtained from ASCE7-10. Multiply by 0.8 shall be less than or equal to max. design load in this document.
- Materials including but not limited to steel/metal screws that come into contact with other dissimilar materials shall meet the requirements of 2017 Florida Bldg. Code Section as applicable.
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NO.</th>
<th>MATERIAL</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>MANF./SUPPLIER/REMARKS</th>
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<tr>
<td>1</td>
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<td>STEEL</td>
<td>AS REQ'D.</td>
<td>FRAME HEAD/JAMB (2&quot; x 5 3/8&quot;)</td>
<td>18 GA. (0.053&quot; MIN.) GALVANNEAL STEEL (Fy = 54 KSI MIN.)</td>
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<td>2</td>
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<td>DOOR FACE SHEETS (48&quot; x 96&quot; x 0.044&quot;)</td>
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<td>HAGER</td>
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<td>S88</td>
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<td>ADHESIVE VINYL BULB</td>
<td>PEMKO</td>
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<tr>
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<td></td>
<td>STEEL</td>
<td>4 PER LEAF</td>
<td>HINGES</td>
<td>HAGER / DESIGN HARDWARE</td>
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<td>6</td>
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<td>MASONRY WIRE ANCHOR</td>
<td>0.173 DIA. Fy = 60 PSI</td>
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<td>CLOSER BOX (1 3/8&quot; x 4 3/4&quot; x 0.053&quot;)</td>
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<td>STEEL</td>
<td>AS REQ'D.</td>
<td>END CHANNEL (1 5/8&quot; x 1 3/8&quot; x 0.053&quot;)</td>
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<td>9</td>
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<td>HONEY COMB 1&quot; CELL</td>
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<td>MG 950F</td>
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<td>2x3x1/8&quot; REMOVABLE MULLION</td>
<td>LOCKWOOD Fy min. = 46 KSI</td>
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<td>ASA STRIKE REINFORCEMENT</td>
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<td>MORTISE BOX REINFORCEMENT</td>
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<td>A0051</td>
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<td>2 / PANEL</td>
<td>RIM PANIC BOX 14&quot; LG.</td>
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<td>1 3/4&quot; x 0.12&quot; THK ASTRAGAL</td>
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<td>FLUSHBOLT GUIDE</td>
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<td>REVERSIBLE FLUSHBOLT HEAD REINFORCEMENT</td>
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<td>IVES FB458 MANUAL FLASH BOLTS</td>
<td>IVES</td>
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</table>
3. TRESHOLD

5. STEEL HINGE
   1 min = 0.134"

6. MASONRY WIRE ANCHOR
   Fy MIN = 60 KSI

7. CLOSER BOX

1. FRAME HEAD/JAMB
   18 GA STEEL (0.053")

2. UNIVERSAL FLUSHBOLT GUIDE

3. END CHANNEL
   16 GA STEEL

4. DRILL & TAP 1/8" REINF. PLATE FOR #5-32 M.S. (4 PLACES), 1/8" MORTISE AT TABS.

8. AREA (0.775")

9. HINGE REINFORCEMENT
   10 GA STEEL

MEETING EDGE DETAIL
OPTION 2 & 3