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 LS2075 Single Outswing Steel Doors

**APPROVAL DOCUMENT:** Drawing No “AD10-10 Rev #4”, titled “Series LS2075 Single Outswing Steel Door”, sheets 1 through 5 of 5, 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

**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 #14-0513.03** and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.
The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

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**NOA No. 18-0212.11**
Expiration Date: July 14, 2020
Approval Date: April 12, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's die drawings and sections (Submitted under file # see below).
   2. Drawing No “AD10-10”, titled “Series LS2075 Single Outswing Steel Door”, sheets 1 through 5 of 5, prepared by MCY Engineering, Inc., dated MAY 27, 2015, signed and sealed by Yiping Wang, P. E.

B. TESTS
   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
      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 Single outswing steel doors, marked
   by Fenestration Test Lab, Test Report No. FTL 8260, dated 04/10/15, signed and sealed by
   Idalmis Ortega, P. E.
   Along with manufacturer's parts and section drawings of flush outswing steel doors, marked
   by Hurricane Test Lab, Test Report No. HTL 0549-0706-09, dated 03/12/10, signed and sealed by Vinu J. Abraham, P. E. (Submitted under files #12-0223.29 /#10-0420.04).

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC2014 (5th
      Edition), prepared by MCY Engineering, Inc., dated 03/12/15 and last revised on 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 # 10CM-392, dated 04/06/10 prepared by QC Metallurgical, Inc., sheet
      and frame samples, signed & sealed by Frank Grate, P.E.
   2. Tensile test report # 10CM-204, dated 03/02/10 prepared by QC Metallurgical, Inc., sheet
      samples, signed & sealed by Frank Grate, P.E.

F. STATEMENTS
   1. Letter of conformance to FBC 2014 (5th edition) and No Financial interest dated APR 21,
      2015, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
   2. Lab compliance as part of the above referenced test report.

G. OTHER
   1. This revises & renews NOA #12-0223.29, expiring on 07/14/20.
   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. 18-0212.11
Expiration Date: June 14, 2020
Approval Date: April 12, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. New Evidence submitted.

A. DRAWINGS
   1. Drawing No “AD10-10 Rev #4”, titled “Series LS2075 Single Outswing Steel Door”, sheets 1 through 5 of 5, 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 # 14-0513.03, expiring 07/14/2020.
SERIES LS2079 SINGLE OUTSWING STEEL DOOR (LMI)

- 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 (H/V/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 embedment to base material shall be beyond wall dressing or stucco.

- Anchoring or loading conditions not shown in these details are not part of this approval.

- Materials including but not limited to steel/metal screws that come into contact with other dissimilar materials shall meet the requirements of 2017 Florida Building Code Section 8 as applicable.

- Metal structures not by Vision Hollow Metal Limited must support loads imposed by door system and transfer them to the building structure.

- 2x wood bucks by others must be anchored properly to transfer loads to the structure.

- A load duration factor in allowable stress is used in design of anchors into wood only.

- Door panel: Min. 20 GA. (0.032") STEEL, Fy = 50.5 KSI MIN. Fu = 56.2 KSI MIN.

- Door frame: Min. 18 GA. (0.042") STEEL, Fy = 50.5 KSI MIN. Fu = 56.2 KSI MIN.

- Door panel option: Stainless steel A316 OR A304 MIN. 20 GA. (0.032")

  - Fy=50.5 KSI, Fu = 56.2 KSI MIN.

  - Door frame option: Stainless steel A316 OR A304 MIN. 18 GA. (0.042")

  - Fy=50.5 KSI, Fu = 56.2 KSI MIN.

- Ultimate design load obtained from ASCE7-10, Multiply by 0.6 shall be less than or equal to MAX design load in this document.

NOTES:

- Egress requirements to be reviewed by building official.
LOCK OPTIONS

OPTION 1

"3000 SERIES RM PANIC" DESIGN HARDWARE
LOCATED AT 39 3/4" UP FROM THE BOTTOM EDGE OF
THE OPERABLE PANEL.

OPTION 2

"SCHLAGE AL63PD"
CYLINDRICAL LOCK LOCATED AT 39 3/4" UP
FROM THE BOTTOM EDGE OF THE OPERABLE
PANEL. WITH "SCHLAGE B660P" DEAD BOLT
CENTERLINE OF DEAD BOLT TO BE AT 7 3/4" UP
FROM CENTERLINE OF DOOR KNOB. "SCHLAGE 10-025"
STRIKE PLATE LOCATED ON FRAME IN LINE WITH LOCK.

Hinges

"HAGAR 1279 HINGES" OR "HAGAR 1279 MRP HINGES"
TOTAL (3) HINGES.
7 3/4" FROM TOP CORNER, 12 5/8" FROM BOTTOM CORNER &
(1) AT CENTER.

DOOR EDGE CONSTRUCTION

LOCK SEAM

BILL OF MATERIALS

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NO.</th>
<th>MATERIAL</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>MANUFACTURER/REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>-</td>
<td>STEEL</td>
<td>AS REQ'd</td>
<td>FRAME HEAD/JAMB (2&quot; x 5 1/2&quot;)</td>
<td>16 GA (0.042&quot; MIN.) GALVANNEAL STEEL (Fy = 50.5 KSI)</td>
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<tr>
<td>2</td>
<td>-</td>
<td>STEEL</td>
<td>AS REQ'd</td>
<td>DOOR FACE SHEETS (36&quot; x 84&quot; x 0.032&quot;)</td>
<td>20 GA (0.032&quot; MIN.) GALVANNEAL STEEL (Fy = 50.5 KSI)</td>
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<tr>
<td>3</td>
<td>477S</td>
<td>ALUMINUM</td>
<td>1</td>
<td>BUMPER TRASHOILD (5&quot; x 2&quot; x 0.094&quot;)</td>
<td>HAGER 0065-TS</td>
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<td>4</td>
<td>875S</td>
<td>STEEL</td>
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<td>WEATHERSTRIPPING</td>
<td>HAGER</td>
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<td>5</td>
<td>1279</td>
<td>STEEL</td>
<td>3 PER LEAF</td>
<td>HAGER 1279 HINGES</td>
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<td>6</td>
<td>-</td>
<td>STEEL</td>
<td>AS REQ'd</td>
<td>MASONRY WIRE ANCHOR</td>
<td>0.173 DIA. Fy = 60 KSI</td>
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<td>7</td>
<td>-</td>
<td>STEEL</td>
<td>AS REQ'd</td>
<td>CLOSER BOX (1 3/8 x 4 3/8 x 0.093&quot;)</td>
<td>16 GA. GALVANNEAL STEEL</td>
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<td>8</td>
<td>-</td>
<td>STEEL</td>
<td>AS REQ'd</td>
<td>END CHANNEL (1 1/2&quot; x 1 1/2&quot; x 0.093&quot;) FULL LENGTH</td>
<td>16 GA. GALVANNEAL STEEL</td>
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<td>9</td>
<td>-</td>
<td>STEEL</td>
<td>AS REQ'd</td>
<td>HINGE REINFORCEMENT</td>
<td>10 GA. GALVANNEAL STEEL</td>
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<td>STEEL</td>
<td>AS REQ'd</td>
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<td>VISION HOLLOW METAL</td>
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<td>STEEL</td>
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<td>CYLINDRICAL LOCK W/ STRIKE PLATE (MIN. 1/2&quot; THK.)</td>
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<td>B660P</td>
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<td>DEAD BOLT W/ STRIKE PLATE (MIN. 1/2&quot; THK.)</td>
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<td>2000</td>
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<td>SERIES 2000 RM PANIC EXIT DEVICE W/ STRIKE PLATE</td>
<td>DESIGN HARDWARE</td>
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FRAME CORNERS

FRAME CONTINUOUSLY WELDED AND GROUND SMOOTH

FACE WELDED CORNERS COMPLETE WITH 3/8" WELDED BEAD