

Product Evaluation Report	
Project No.: ACE-2025-137	Report No.: ACE-PER-1096, Rev. 1

Product Manufacturer Vision Hollow Metal Limited, 400 Zenway Blvd., Unit #1, Woodbridge, ON. L4H 0S7

Product Name, Model and/or Description:

- Series LS1875 Steel Door – Outswing – Impact
- Series LS2075 Steel Door – Outswing – Impact
- Series LS2075 Steel Door – Inswing/Outswing – Impact

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Test Report No. – Installation Drawing No.: Products covered by this evaluation include the following.

- Installation Drawing No. VHM0001, Rev. C, dated 12/8/25, "Series LS1875 Steel Door – Outswing – Impact, Installation Instructions, signed and sealed by Robert J. Amoruso, P.E.
 - Series/Model Details
 - Series LS1875 Steel Door – Outswing – Impact
 - 100" x 97.5" double door XX tested.
 - 52" x 97.5" single door X enveloped.
 - DP = +/- 75 psf
 - Cyclic Test Pressure = +/- 75 psf
 - Water Test Pressure = + 11.3 psf (equivalent to 75 x 0.15)
 - Test Reports
 - Fenestration Testing Lab Report No. FTL-1022, dated 5/5/10, signed and sealed by Jorge Causo, FL PE No. 54898.
 - TAS 201, 202 and 203-94
 - Base Product Approval Reference
 - FL19036.4
- Installation Drawing No. VHM0002, Rev. C, dated 2/3/26, "Series LS2075 Steel Door – Outswing – Impact, Installation Instructions, signed and sealed by Robert J. Amoruso, P.E.
 - Series/Model Details
 - Series LS2075 Steel Door – Outswing – Impact
 - 40" x 86" single door X tested.
 - DP = +/- 75 psf
 - Cyclic Test Pressure = +/- 75 psf
 - Water Test Pressure = + 11.3 psf (equivalent to 75 x 0.15)
 - Test Reports
 - Fenestration Testing Lab Report No. FTL-15016, dated 3/25/15, signed and sealed by Idalmis Ortega, FL PE No. 76905.
 - TAS 201, 202 and 203-94

- Hurricane Testing Lab Test Report No. HTL 0549-0706-09, dated 2/3/10, signed and sealed by Vinu J. Abraham, FL PE No. 53820.
 - TAS 201, 202 and 203-94
 - Base Product Approval Reference
 - FL19036.3
- Installation Drawing No. VHM0003, Rev. C, dated 2/3/26, "Series LS2075 Steel Door – Inswing/Outswing – Impact, Installation Instructions, signed and sealed by Robert J. Amoruso, P.E.
 - Series/Model Details
 - Series LS2075 Steel Door – Inswing/Outswing – Impact
 - 40" x 86" single door X tested.
 - Inswing (Test Report No. TEL 08512103 governs)
 - DP = +50/-60 psf
 - Cyclic Test Pressure = +50/-60 psf
 - Water Test Pressure = +0 psf
 - Outswing (Test Report No. TEL 08512103 governs)
 - DP = +55/-55 psf
 - Cyclic Test Pressure = +60/-60 psf
 - Water Test Pressure = +0 psf
 - Test Reports
 - Fenestration Testing Lab Report No. FTL-15016, dated 3/25/15, signed and sealed by Idalmis Ortega, FL PE No. 76905.
 - TAS 201, 202 and 203-94
 - Hurricane Testing Lab Test Report No. HTL 0549-0706-09, dated 2/3/10, signed and sealed by Vinu J. Abraham, FL PE No. 53820.
 - TAS 201, 202 and 203-94
 - Testing Evaluation Laboratories, Inc. Report No. TEL 08512103, dated 9/5/18.
 - ASTM E330-02
 - ASTM E331-00
 - ASTM E283-04
 - ASTM E1886-05
 - ASTM E1886-09
 - Base Product Approval Reference
 - FL19036.5

Limitations & Conditions of Use:

- The products listed above have been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- The products listed above are impact resistant and will not require impact protection in wind borne debris regions including the HVHZ.
- Refer to Product Installation Instructions noted above and in the Base Product Approval Reference for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to substrate structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

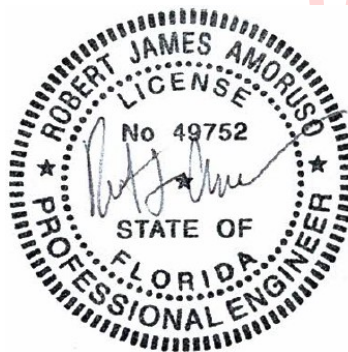
Engineering Evaluation:

- Installation anchorage evaluation performed for the above-mentioned products by Robert J. Amoruso, P.E.

Certificate of Independence per Product Approval Rule 61G20-3.009

Robert J. Amoruso, P.E., does not have, nor will he acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

Robert J. Amoruso, P.E., does not have, nor will he acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



Digitally signed
by Robert J
Amoruso
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Evaluated by:
Robert J. Amoruso, P.E.
FL PE License No. 49752