

PRODUCT APPROVAL EVALUATION REPORT

<u>Product Manufacturer:</u> Oldcastle BuindingEnvelop™ 803 Airport Rd – TERRELL, TX75160	<u>Product Name/Model & Description:</u> MSD-375 and WSD-500 Aluminum Medium and Wide Stile Entrance Door-LMI
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Scope: This product has been evaluated by the below-signed Florida Professional Engineer for compliance with the Code noted herein and is, for the purpose intended, at least equivalent to that required by the Code, in accordance with section 553.842 F.S. & chapter 61G20-3.005 F.A.C. Re-evaluation of this product shall be required following applicable Code modifications or revisions.

Code: 8th Edition Florida Building Code (2023)/ 9th Edition Florida Building Code (2026), inclusive of all Supplements effective as of this report date.

Compliance Method: 61G20-3.005 (1)(d) – Evaluation Report from a licensed Professional Engineer

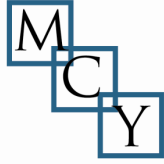
Product Description: Product Approval **Drawing #AD21-38**, prepared by MCY Engineering, signed and sealed by Yiping Wang, P.E., is an integral part of this Evaluation Report.

Limitations & Conditions of Use:

- This product has been evaluated for use **inside and outside of the HVHZ** (High-Velocity Hurricane Zone)
- Impact Resistance: **Large Missile Impact**
- Refer to Product Approval Drawing noted above for:
 - Maximum allowable wind loads at the related maximum allowable size(s).
 - Other load limitations applicable to the product, if any.
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to the structure
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.



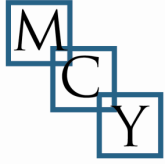
July 22nd, 2026



Test Reports:

Mandatory Tests (Tested in accordance with Florida Building Code Tests Protocols)

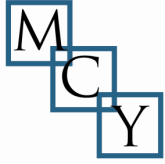
Test Lab	Report Number	Test Report Date	Test Standard & Description
Hurricane Test Laboratory, LLC-Riviera Beach, FL	<i>HTL-0105-1030-02, signed and sealed by Vinu J. Abraham, PE, FL #53280</i>	05/21/10	TAS 201 (large & small missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading) ASTM E283 (air infiltration test) ASTM E331 (water infiltration test) ASTM E330 (static load test) ASTM E1886 (cyclic wind pressure loading) ASTM E1996 (large & small missile impact)
Hurricane Test Laboratory, LLC-Riviera Beach, FL	<i>HTL-0105-0712-03, signed and sealed by Vinu J. Abraham, PE, FL #53280</i>	03/25/10	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading) ASTM E330 (static load test) ASTM E283 (air infiltration test) ASTM E331 (water infiltration test) ASTM E1886 (cyclic wind pressure loading) ASTM E1996 (large missile impact) AAMA 501.1 (dynamic water infiltration)
Hurricane Test Laboratory, LLC-Riviera Beach, FL	<i>HTL-0105-0205-03, signed and sealed by Vinu J. Abraham, PE, FL #53280</i>	01/06/16	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading) ASTM E330 (static load test) ASTM E283 (air infiltration test) ASTM E331 (water infiltration test)
Hurricane Test Laboratory, LLC-Riviera Beach, FL	<i>HTL-0105-0810-03 signed and sealed by Vinu J. Abraham, PE, FL #53280</i>	2003	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Hurricane Test Laboratory, LLC-Riviera Beach, FL	<i>HTL-0105-0210-04 signed and sealed by Vinu J. Abraham, PE, FL #53280</i>	2004	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)



MCY ENGINEERING, INC.
GLAZING CONSULTANT

12781 Miramar Parkway, Suite 301
Miramar, FL. 33027
Mobile: (305) 588-5224

Hurricane Test Laboratory, LLC-Riviera Beach, FL	<i>HTL-0105-0407-04 signed and sealed by Vinu J. Abraham, PE, FL #53280</i>	04/05/04	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading) ASTM E1996 (large missile impact)
Certified Testing Laboratories	<i>CTLA-1177W Signed and Sealed by Ramesh Patel, P.E</i>	12/11/03	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Architectural Testing Laboratory Reports	<i>C0344.01-450-18 Signed and sealed by Vinu Abraham, P.E.</i>	07/18/12	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Architectural Testing Laboratory Reports	<i>95631.01-401-18 Signed and sealed by Mark A. Hess, Technician</i>	08/12/09	ASTM E330 (static load test) ASTM E283 (air infiltration test) ASTM E1886 (cyclic wind pressure loading)
Construction Consulting Laboratory International,	<i>CCLI-14-128r signed and sealed by Abdol Rezadad, P.E.</i>	09/10/14	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading) ASTM E1886 (cyclic wind pressure loading) ASTM E1996 (large missile impact)
Intertek testing	<i>m7506.01-801-18- r1 Signed and sealed by Tyler Westerling</i>	10/28/21	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading) ASTM E1886 (cyclic wind pressure loading) ASTM E1996 (large missile impact)
Construction Consulting Laboratory International,	<i>CCLI-16-087 signed and sealed by Abdol Rezadad, P.E.</i>	03/23/2016	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Intertek testing	<i>R0172.01-801-18- r1 Signed and sealed by Tyler Westerling</i>	08/16/2024	TAS 201 (large missile impact) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading) AAMA 1304 (forced entry test) ASTM E283 (air infiltration test)



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Engineering Analysis: The following engineering analyses and/or calculations have been performed:

- No comparative analysis has been performed for conditions other than those tested.
- No rational analysis has been performed.
- Anchor calculations are based on manufacturer's published anchor capacity, anchor Notice of Acceptance by Miami Dade County.