



PRODUCT APPROVAL EVALUATION REPORT

<u>Product Manufacturer:</u> Oldcastle BuindingEnvelop™ 803 Airport Rd – TERRELL, TX75160	<u>Product Name/Model & Description:</u> ALUMINUM ARCHITECTURAL TERRACE DOOR – NON-IMPACT
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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

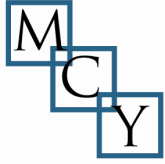
Product Description: Product Approval **Drawing #AD21-17**, prepared by MCY Engineering, signed and sealed by Yiping Wang, P.E., is an integral part of this Evaluation Report.

Limitations & Conditions of Use:

- This product has been evaluated for use **outside of the HVHZ** (High-Velocity Hurricane Zone)
- Impact Resistance: **Non 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 23rd, 2026



Test Reports:

Mandatory Tests (Tested in accordance with AAMA 501)

Test Lab	Report Number	Test Report Date	Test Standard & Description
Quast Consulting & Testing INC.	QCT19 – 5554.01	12.12.2019	ASTM E2068 (operating force) NAFS 6.4.5.1-2(force to latch/ engage) ASTM E283 (air infiltration test) ASTM 547(water penetration resistance) ASTM E331(water penetration resistance) AAMA 501.1(dynamic water penetration resistance) AAMA 910(hardware cycling) ASTM E2068(operating force) NAFS 6.4.5.1(force to latch/ engage) AAMA 1304(forced entry resistance) AAMA 920(operation/ slam testing) ASTM E330(uniform load structural)
Quast Consulting & Testing INC.	QCT19 – 5554.04	12.16.2019	ASTM E2068 (operating force) NAFS 6.4.5.1-2(force to latch/ engage) ASTM E283 (air infiltration test) ASTM 547(water penetration resistance) ASTM E331(water penetration resistance) AAMA 501.1(dynamic water penetration resistance) AAMA 501.5(thermal cycling) AAMA 910(hardware cycling) ASTM E2068(operating force) NAFS 6.4.5.1(force to latch/ engage) AAMA 1304(forced entry resistance) AAMA 920(operation/ slam testing) ASTM E330(uniform load structural)

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.