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PRODUCT APPROVAL EVALUATION REPORT

<u>Product Manufacturer:</u> Shanghai Superhouse Building Material Co Ltd. Building 6, No. 8666Hunan Highway Road Shanghai, China 201314	<u>Product Name/Model & Description:</u> YY100T thermal break hinged door- LMI –Large missile 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

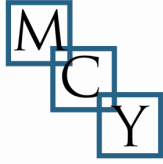
Product Description: Product Approval **Drawing #AD26-44** prepared by MCY Engineering, signed and sealed by Yiping Wang P.E., is an integral part of this Evaluation Report.

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 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.



Oct.08th, 2026



Test Reports:

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

Test Lab	Report Number	Test Report Date	Test Standard & Description
Intertek Testing Service Shenzhen Ltd. Shanghai Fengxian Branch	250910011SHF-001 <i>Signed and sealed by VINU J. ABRAHAM PE#53820</i>	2026-06-09	TAS 201 (large missile impact) TAS 202 (uniform static load test) TAS 202 (water penetration) TAS 202 (air infiltration) TAS 203 (cyclic wind pressure loading) AAMA 1304 (forced entry test)
PRI Construction Materials Technologies llc 6412 Badger Drive Tampa, FL33610	TFB-001-02-01 <i>Signed and sealed by ZACHARY R. PRIEST PE#74021</i>	2018-08-31	ASTM G155(Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials) ASTM D638(Standard Test Method for Tensile Properties of Plastics) ASTM D1929 (Standard Test Method for Determining Ignition Temperature of Plastics) ASTM D2843(Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics)

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.