MCY ENGINEERING, INC.
GLAZING CONSULTANT

12781 Miramar Pkwy Ste. 301
Miramar, FL. 33027
P: (305) 588-5224

PRODUCT APPROVAL EVALUATION REPORT

Product Manufacturer:	*Product Name/Model & Description:*
Cuhadaroglu Metal San. Paz. A.S. *Yakuplu Mah. Hurriyet Bulvari No:6-8 Beylikduzu Istanbul, Turkiye 34524*	***Series HR6-SF Storefront System – L.M.I.*** *Storefront – large missile impact*

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)**, 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 #AD20-20**, prepared by MCY Engineering, signed and sealed by the 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.

YIPING WANG
LICENSE
No 55983
STATE OF FLORIDA
PROFESSIONAL ENGINEER

June 21st, 2025

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Test Reports:

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

Test Lab	Report Number	Test Report Date	Test Standard & Description
Hurricane Engineering & Testing Inc., Doral, FL	*HETI-19-7018 signed and sealed by Rafael E. Droz-Seda, P.E.*	10/01/2019	TAS 202 (uniform static test)
Hurricane Engineering & Testing Inc., Doral, FL	*HETI-19-7022 signed and sealed by Rafael E. Droz-Seda, P.E.*	10/01/2019	TAS 202 (uniform static test)
Hurricane Engineering & Testing Inc., Doral, FL	*HETI-19-7023 signed and sealed by Rafael E. Droz-Seda, P.E.*	10/01/2019	TAS 201 (large missile impact test) TAS 203 (cyclic wind pressure loading) ASTM E1886 (cyclic wind pressure loading) ASTM E1996 (large missile impact)
Hurricane Engineering & Testing Inc., Doral, FL	*HETI-19-7030 signed and sealed by Rafael E. Droz-Seda, P.E.*	10/01/2019	TAS 202 (uniform static test)
Hurricane Engineering & Testing Inc., Doral, FL	*HETI-19-7037 signed and sealed by Rafael E. Droz-Seda, P.E.*	10/01/2019	TAS 201 (large missile impact test) TAS 203 (cyclic wind pressure loading) ASTM E1886 (cyclic wind pressure loading) ASTM E1996 (large missile impact)
Hurricane Engineering & Testing Inc., Doral, FL	*HETI-20-8033 signed and sealed by Rafael E. Droz-Seda, P.E.*	03/26/2020	TAS 201 (large missile impact test) TAS 203 (cyclic wind pressure loading) ASTM E1886 (cyclic wind pressure loading) ASTM E1996 (large & small missile impact)

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

- No comparative analysis has been performed for conditions other than those tested.
- Rational analysis has been performed per Code requirements and acceptable standards of engineering principles (but not in lieu of standard tests required by the Code). No increase allowable stress has been used in the evaluation of this product.

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No. 55894
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PROFESSIONAL ENGINEER

June 21st, 2025