MCY ENGINEERING, INC.
GLAZING CONSULTANT

8501 SW 124th Ave. Ste. 205A
Miami, FL. 33183
P: 305 271-0117
F: 305 279-6818

PRODUCT APPROVAL EVALUATION REPORT

Product Manufacturer:	*Product Name/Model & Description:*
Continental Glass Systems, Inc. *325 West 74 Place* *Hialeah, FL 33014*	***Series 7200 Casement Window –S.M.I.*** *Casement window –small 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: **5th Edition Florida Building Code (2014)**, 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 #AD15-72**, 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: **Small 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.

MCY ENGINEERING, INC.
GLAZING CONSULTANT

8501 SW 124th Ave. Ste. 205A
Miami, FL. 33183
P: 305 271-0117
F: 305 279-6818

Test Reports:

Mandatory Tests (Tested in accordance with AAMA 501)

Test Lab	Report Number	Test Report Date	Test Standard & Description
Blackwater Testing, Inc. – West Palm Beach, FL	*BT-CON-15-008, signed and sealed by Yamil G. Kuri, P.E.*	8/24/15	ASTM E283 (air infiltration) ASTM E331 (water resistance test) AAMA 1304 (forced entry test) TAS 201 (small missile impact test) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Hurricane Engineering & Testing, Inc.	*HETI-13-4068, signed and sealed by Rafael Droz-Seda, P.E.*	10/29/13	ASTM E283 (air infiltration) ASTM E331 (water resistance test) ASTM E330 (structural performance) ASTM F588 (AAMA 1304 (forced entry test) TAS 201 (small missile impact test) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Hurricane Engineering & Testing, Inc.	*HETI-13-4069, signed and sealed by Rafael Droz-Seda, P.E.*	10/29/13	ASTM E1886 (Small missile impact) ASTM E1996 (cyclic wind pressure load) TAS 201 (small missile impact test) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Hurricane Engineering & Testing, Inc	*HETI-13-4071, signed and sealed by Rafael Droz-Seda, PE*	10/24/13	ATM E283 (air infiltration) ASTM E330 (uniform load test) ASTM E331 (water resistance test) TAS 201 (small missile impact test) TAS 202 (uniform static test) TAS 203 (cyclic wind pressure loading)
Hurricane Engineering & Testing, Inc	*HETI-13-4072*	10/24/13	ASTM E1886 (Small missile impact) ASTM E1996 (cyclic wind pressure load) TAS 201 (small missile impact test) TAS 202 (uniform static test TAS 203 (cyclic wind pressure loading)

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 in allowable stress has been used in the evaluation of this product.

November 2nd, 2015