AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

PRODUCT APPROVAL EVALUATION
RULE CHAPTER #61G20-3 • METHOD 1 OPTION D

FL 19002
Date: 8/16/17

Detailed Product Description:

Manufacturer: ENVIRALUM INDUSTRIES, INC

Manufacturer Address: 5100 NW 72ND AVENUE, BLDG C. MIAMI, FL 33166

Model Name: SERIES "ENV-450" ALUMINUM WINDOW WALL SYSTEM

Maximum Frame Width: 72"

Maximum Frame Height: 144"

Maximum Load: +100 PSF, -131 PSF (Large Missile Impact)

Installation Drawings # W15-74

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

The above maximum parameters do not occur simultaneously.
See charts on installation drawings for combination of spans vs. loads.

Comparative analysis used _X_ Yes ___ No

Mandatory Tests (Tested in accordance with AAMA 501/101/I.S.2/NAFS-02/TAS-202)

TEST	DESCRIPTION	TEST LOCATION	REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Fenestration Testing Laboratory	04/23/2012	FTL-6678	Marlin D. Brinson, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory	04/23/2012	FTL-6678	Marlin D. Brinson, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory	04/23/2012	FTL-6678	Marlin D. Brinson, PE

Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
FBC 1626.2 (TAS 201 & 203) ASTM E1886/1996 ANSI Z97.1	Large Missile Impact & Cyclic Level D/E	Fenestration Testing Laboratory Blackwater Testing Inc	04/23/2012 04/06/2017 06/09/2017	FTL-6678 BT-ENI-16-003 BT-ENI-16-003B	Marlin Brinson, PE Constantin Bortes, PE

Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2017 Florida Building Code.

Evaluation Report Engineer:

Javad Ahmad PE # 70592
Al-Farooq Corporation EB # 3538

JAVAD AHMAD LICENSE No 70592 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sealed: 08/18/2017

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