

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 23990

Date: 10/17/2017

**Detailed Product Description:**

**Manufacturer:** ECO WINDOW SYSTEMS, LLC.

**Manufacturer Address:** 8502 NW 80<sup>TH</sup> STREET, MEDLEY, FL 33166

**Model Name:** SERIES 900 ALUM. OUTFOLDING BI-FOLD DOOR (LMI)

**Maximum Panel Width:** 40"

**Maximum Door Height:** 108"

**Maximum Load:** +60 PSF, -60 PSF (Large Missile Impact)

**Installation Drawings #** W17-82

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 combinations of span vs. loads

Comparative analysis used    Yes   X   No

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

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Fenestration Testing Laboratory, Inc	5/9/2017	FTL-9377	Idalmis Ortega, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc	5/9/2017	FTL-9377	Idalmis Ortega, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	5/9/2017	FTL-9377	Idalmis Ortega, PE
AAMA 1304	Forced Entry	Fenestration Testing Laboratory, Inc	5/9/2017	FTL-9377	Idalmis Ortega, PE

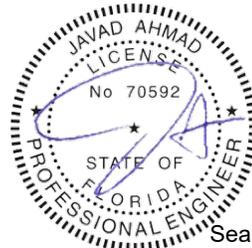
### Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
FBC 1626.2 (TAS 201 & 203)	Large Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc	5/9/2017	FTL-9377	Idalmis Ortega, 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



Sealed: 10/17/2017