

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 25959

Date: 01/25/18

**Detailed Product Description:**

**Manufacturer:** MR. GLASS DOORS AND WINDOWS INC.

**Manufacturer Address:** 8120 NW 84<sup>TH</sup> STREET, MEDLEY, FL 33166

**Model Name:** SERIES MG-1100 ALUMINUM SLIDING GLASS DOOR

**Maximum Panel Width:** 60"

**Maximum Frame Height:** 120"

**Maximum Load:** +80 PSF, -100 PSF (Large Missile Impact)

**Installation Drawings #** 18-06F

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.					
The above maximum parameters do not occur simultaneously. See installation drawings for combination of span vs loads.					
Comparative analysis used <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
<b>Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)</b>					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Fenestration Testing Laboratory	10/23/2015	8590	Idalmis Ortega, P.E.
			10/25/2015	8591 8594	
		Hurricane Engineering & Testing, Inc.	11/28/2017	HETI-17-5078 HETI-17-5084	
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory	10/23/2015	8590	Idalmis Ortega, P.E.
			10/25/2015	8591 8594	
		Hurricane Engineering & Testing, Inc.	11/28/2017	HETI-17-5078 HETI-17-5084	
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory	10/23/2015	8590	Idalmis Ortega, P.E.
			10/25/2015	8591 8594	
		Hurricane Engineering & Testing, Inc.	11/28/2017	HETI-17-5078 HETI-17-5084	
ASTM F842	Forced Entry	Fenestration Testing Laboratory	10/23/2015	8590	Idalmis Ortega, P.E.
			10/25/2015	8591 8594	
		Hurricane Engineering & Testing, Inc.	11/28/2017	HETI-17-5078 HETI-17-5084	

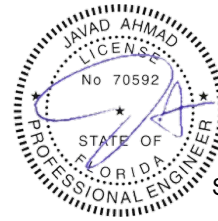
**Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)**

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	10/23/2015	8590 8592 8596 8593 8591	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing, Inc.	11/28/2017	HETI-17-5079 HETI-17-5085	Rafael E.Droz-Seda, P.E.

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: 1/26/2018