



# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 29676  
Date: 08/11/2020

**Detailed Product Description:**  
**Manufacturer:** MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC  
**Manufacturer Address:** 8051 N.W. 79TH PLACE, MEDLEY, FL 33166  
**Model Name:** SERIES 600 ALUMINUM CASEMENT WINDOW  
**Maximum Load:** +80 PSF, -100 PSF (Large Missile Impact)  
**Installation Drawings # 19-28F**

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.  
 For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.  
 Comparative analysis used  X  Yes   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	Hurricane Engineering & Testing Inc.	3/19/2019	HELTI-18-6079	Rafael Droz-Seda, PE
			3/19/2019	HELTI-18-6082	
			3/19/2019	HELTI-19-7004	
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Hurricane Engineering & Testing Inc.	3/19/2019	HELTI-18-6079	Rafael Droz-Seda, PE
			3/19/2019	HELTI-18-6082	
			3/19/2019	HELTI-19-7004	
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing Inc.	3/19/2019	HELTI-18-6079	Rafael Droz-Seda, PE
			3/19/2019	HELTI-18-6082	
			3/19/2019	HELTI-19-7004	
			3/19/2019	HELTI-19-7008	
			3/19/2019	HELTI-19-7011	
ASTM F588 or AAMA 1302.5	Forced Entry Test	Hurricane Engineering & Testing Inc.	3/19/2019	HELTI-18-6079	Rafael Droz-Seda, PE
			3/19/2019	HELTI-18-6082	

### 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	Hurricane Engineering & Testing Inc.	3/19/2019	HELTI-18-6080	Rafael Droz-Seda, PE
			3/19/2019	HELTI-18-6081	
			3/19/2019	HELTI-19-7005	
			1/19/2019	HELTI-19-7009	
			3/19/2019	HELTI-19-7010	
			3/19/2019	HELTI-19-7012	
			3/19/2019	HELTI-19-7015	
			3/19/2019	HELTI-19-7016	
			4/29/2020	HELTI-20-8050	
			6/29/2020	HELTI-20-8071	

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 2020 Florida Building Code.

**Evaluation Report Engineer:**

Jalal Farooq PE # 81223  
Al-Farooq Corporation EB # 3538



Sealed:8/12/2020