

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 19092

Date: 02/09/2021

Detailed Product Description:

Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING LLC.


Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166

Model Name: MG-1000 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +120 PSF, -140 PSF (Large Missile Impact)

Installation Drawings # W15-83

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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	10/23/2015	FTL-8590	Idalmis Ortega, P.E.
			10/23/2015	FTL-8591	Idalmis Ortega, P.E.
			10/25/2015	FTL-8594	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	05/21/2020	HETI-20-8058	Rafael E. Droz-Seda, P.E.
			05/21/2020	HETI-20-8068	Rafael E. Droz-Seda, P.E.
			01/12/2021	HETI-20-8102	Rafael E. Droz-Seda, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory	10/23/2015	FTL-8590	Idalmis Ortega, P.E.
			10/23/2015	FTL-8591	Idalmis Ortega, P.E.
			10/25/2015	FTL-8594	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	05/21/2020	HETI-20-8058	Rafael E. Droz-Seda, P.E.
			05/21/2020	HETI-20-8068	Rafael E. Droz-Seda, P.E.
			01/12/2021	HETI-20-8102	Rafael E. Droz-Seda, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory	10/23/2015	FTL-8590	Idalmis Ortega, P.E.
			10/23/2015	FTL-8591	Idalmis Ortega, P.E.
			10/25/2015	FTL-8594	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	05/21/2020	HETI-20-8058	Rafael E. Droz-Seda, P.E.
			05/21/2020	HETI-20-8068	Rafael E. Droz-Seda, P.E.
			01/12/2021	HETI-20-8102	Rafael E. Droz-Seda, P.E.
ASTM F842	Forced Entry	Fenestration Testing Laboratory	10/23/2015	FTL-8590	Idalmis Ortega, P.E.
			10/23/2015	FTL-8591	Idalmis Ortega, P.E.
			10/25/2015	FTL-8594	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	05/21/2020	HETI-20-8058	Rafael E. Droz-Seda, P.E.
			05/21/2020	HETI-20-8068	Rafael E. Droz-Seda, P.E.
			01/12/2021	HETI-20-8102	Rafael E. Droz-Seda, P.E.

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	Fenestration Testing Laboratory Hurricane Engineering & Testing Inc.	10/23/2015 10/23/2015 10/23/2015 10/23/2015 10/23/2015 05/21/2020 05/21/2020 01/12/2021	FTL-8590 FTL-8592 FTL-8596 FTL-8593 FTL-8591 HETI-20-8058 HETI-20-8068 HETI-20-8102	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Idalmis Ortega, P.E. Rafael E. Droz-Seda, P.E. Rafael E. Droz-Seda, P.E. 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 2020 Florida Building Code.					
Evaluation Report Engineer:					
Jalal Farooq Al-Farooq Corporation		PE # 81223 EB # 3538			