



# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 38057

Date: 07/20/2023

### Detailed Product Description:

**Manufacturer:** MR-GLASS DOORS & WINDOWS MANUFACTURING LLC.

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

**Model Name:** MG-1500 ALUMINUM SLIDING GLASS DOOR

**Maximum Load:** +60 PSF, -70 PSF (Small Missile Impact)

**Installation Drawings #** 21-20F

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 ☒ 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.	05/21/2020 05/01/2023	HETI-20-8079 HETI-23-8021	Rafael E. Droz-Seda, PE Ram N. Tewari, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing Inc.	05/21/2020 05/01/2023	HETI-20-8079 HETI-23-8021	Rafael E. Droz-Seda, PE Ram N. Tewari, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing Inc.	05/21/2020 05/01/2023	HETI-20-8079 HETI-23-8021	Rafael E. Droz-Seda, PE Ram N. Tewari, PE
ASTM F842	Forced Entry	Hurricane Engineering & Testing Inc.	05/21/2020 05/01/2023	HETI-20-8079 HETI-23-8021	Rafael E. Droz-Seda, PE Ram N. Tewari, 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 1626.3 (TAS 201 & 203) ASTM E1886/1996	Small Missile Impact & Cyclic	Hurricane Engineering & Testing Inc.	05/21/2020 05/01/2023	HETI-20-8079 HETI-23-8021	Rafael E. Droz-Seda, PE Ram N. Tewari, 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 2023 Florida Building Code.

### Evaluation Report Engineer:

Jalal Farooq  
Al-Farooq Corporation

PE # 81223  
EB # 3538



Sealed: 7/21/2023