

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 26942

Date: 8/4/2020

**Detailed Product Description:**


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

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

**Model Name:** SERIES 3000 ALUMINUM OUTSWING ENTRANCE DOOR

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

**Installation Drawings # 18-36F**

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 <u> X </u> Yes <u> </u> 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	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018	HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6002 HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6001 HETI-18-6002 HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.
ASTM 1304	Forced Entry Test	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6001 HETI-18-6002 HETI-18-6004 HETI-18-6011	Rafael E. Droz-Seda, P.E.
<b>Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)</b>					
Test	Description	Test Location	Test Report Date	Test Report#	Test Sealed By
FBC 1626.2 (TAS 201 & 203) ASTM E1886 & E1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing, Inc	2/13/2018 2/13/2018 2/13/2018	HETI-18-6003 HETI-18-6005 HETI-18-6012	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.					
<b>Evaluation Report Engineer:</b>					
Jalal Farooq Al-Farooq Corporation	PE # 81223 EB # 3538				
		Sealed: 8/5/2020			