AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 47222
Date: 12/3/2024

Detailed Product Description:
Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC.
Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166
Model Name: SERIES MG-5500 ALUMINUM OUTSWING ENTRANCE DOOR
Maximum Load: +80 PSF, -80 PSF (Large Missile Impact)
Installation Drawings # 24-97F

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	10/23/2024 10/23/2024	HETI-24-8215 HETI-24-8220	Ram N. Tewari, P.E. Ram N. Tewari, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc	10/23/2024 10/23/2024	HETI-24-8215 HETI-24-8220	Ram N. Tewari, P.E. Ram N. Tewari, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc	10/23/2024 10/23/2024 10/28/2024	HETI-24-8215 HETI-24-8220 HETI-24-8240	Ram N. Tewari, P.E. Ram N. Tewari, P.E. Ram N. Tewari, P.E.
ASTM 1304	Forced Entry Test	Hurricane Engineering & Testing, Inc	10/23/2024 10/23/2024 10/28/2024	HETI-24-8215 HETI-24-8220 HETI-24-8240	Ram N. Tewari, P.E. Ram N. Tewari, P.E. Ram N. Tewari, 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 & E1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing, Inc	10/23/2024 10/23/2024 10/28/2024	HETI-24-8215 HETI-24-8220 HETI-24-8240	Ram N. Tewari, P.E. Ram N. Tewari, P.E. Ram N. Tewari, 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 2023 Florida Building Code.					
Evaluation Report Engineer: Jalal Farooq Al-Farooq Corporation	 PE # 81223 EB # 3538		JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER	Sealed: 12/20/2024	