AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 26942
Date: 6/2/2025

Detailed Product Description:
Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC.
Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166
Model Name: SERIES MG3500 RESIDENTIAL OUTSWING ENTRY DOOR
Maximum Load: +80 PSF, -80 PSF (Large Missile Impact)
Installation Drawings # 23-29F

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	2/13/2018	HETI-18-6004	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6002	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6004	
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6001	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6002	
			2/13/2018	HETI-18-6004	
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			10/19/2021	HETI-21-7086	
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	

AAMA 1304	Forced Entry Test	Hurricane Engineering & Testing, Inc	2/13/2018	HETI-18-6001	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6002	
			2/13/2018	HETI-18-6004	
			2/13/2018	HETI-18-6011	
			10/29/2021	HETI-21-7089	Ram N. Tewari, P.E.
			10/19/2021	HETI-21-7086	
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	

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	2/13/2018	HETI-18-6003	Rafael E. Droz-Seda, P.E.
			2/13/2018	HETI-18-6005	
			2/13/2018	HETI-18-6012	
			10/19/2021	HETI-21-7086	Ram N. Tewari, P.E.
			10/29/2021	HETI-21-7089	
			3/13/2023	HETI-23-8014	
			3/13/2023	HETI-23-8016	
			5/26/2023	HETI-23-8024	
			10/23/2024	HETI-24-8202	
			11/20/2024	HETI-24-8243	

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 PE # 81223
Al-Farooq Corporation EB # 3538

Sealed: 6/4/2025