

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 32415

Date: 8/4/2025

Detailed Product Description:

Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC

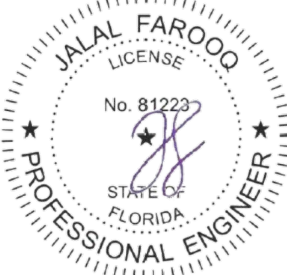
Manufacturer Address: 8051 N.W. 79TH PLACE. MEDLEY, FL 33166

Model Name: SERIES "MG-250" ALUMINUM SINGLE HUNG WINDOW WALL SYSTEM

Maximum Load: +85 PSF, -130 PSF (Small Missile Impact)

Installation Drawings # 20-43F

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 501/101/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	4/26/2020	HETI-20-8043	Rafael E.Droz-Seda, PE
			3/15/2025	HETI-25-8292	Dr. Ram N. Tewari, PE
			3/17/2025	HETI-25-8311	Dr. Ram N. Tewari, PE
			5/28/2025	HETI-25-8331	Dr. Ram N. Tewari, PE
			6/5/2025	HETI-25-8334	Dr. Ram N. Tewari, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc	4/26/2020	HETI-20-8043	Rafael E.Droz-Seda, PE
			3/15/2025	HETI-25-8292	Dr. Ram N. Tewari, PE
			3/17/2025	HETI-25-8311	Dr. Ram N. Tewari, PE
			5/28/2025	HETI-25-8331	Dr. Ram N. Tewari, PE
			6/5/2025	HETI-25-8334	Dr. Ram N. Tewari, PE
ASTM E330 & TAS 202	Uniform Static Air Pressure	Hurricane Engineering & Testing, Inc	4/26/2020	HETI-20-8041	Rafael E.Droz-Seda, PE
			4/26/2020	HETI-20-8043	Rafael E.Droz-Seda, PE
			3/15/2025	HETI-25-8292	Dr. Ram N. Tewari, PE
			3/17/2025	HETI-25-8311	Dr. Ram N. Tewari, PE
			5/28/2025	HETI-25-8331	Dr. Ram N. Tewari, PE
ASTM F588	Forced Entry	Hurricane Engineering & Testing, Inc	6/5/2025	HETI-25-8334	Dr. Ram N. Tewari, PE
			4/26/2020	HETI-20-8043	Rafael E.Droz-Seda, PE
			3/15/2025	HETI-25-8292	Dr. 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 ANSI Z97.1	Small Missile Impact & Cyclic	Hurricane Engineering & Testing, Inc	4/26/2020	HETI-20-8041	Rafael E.Droz-Seda, PE
			4/26/2020	HETI-20-8043B	Rafael E.Droz-Seda, PE
			4/26/2020	HETI-20-8043	Rafael E.Droz-Seda, PE
			4/26/2020	HETI-20-8045	Rafael E.Droz-Seda, PE
			3/15/2025	HETI-25-8292	Dr. Ram N. Tewari, PE
			3/17/2025	HETI-25-8311	Dr. Ram N. Tewari, PE
			5/28/2025	HETI-25-8331	Dr. Ram N. Tewari, PE
			6/5/2025	HETI-25-8334	Dr. Ram N. Tewari, PE
			7/30/2025	HETI-25-8356	Dr. 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: 8/11/2025		