

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.

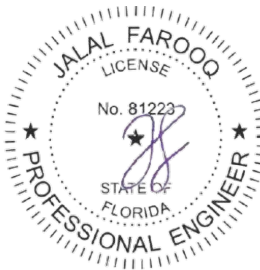
Manufacturer Address: 8051 NW 79th PLACE, MEDLEY, FL 33166

Model Name: MG-1500 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +65 PSF, -80 PSF (Large Missile Impact)

Installation Drawings # 21-16F

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.	02/11/2021 05/21/2021 11/07/2022 12/16/2022 05/17/2023	HETI-20-8095 HETI-20-8079 HETI-22-7241 HETI-22-7278 HETI-23-8031	Rafael E. Droz-Seda, PE Dr. Ram Tewari, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing Inc.	02/11/2021 05/21/2021 11/07/2022 12/16/2022 05/17/2023	HETI-20-8095 HETI-20-8079 HETI-22-7241 HETI-22-7278 HETI-23-8031	Rafael E. Droz-Seda, PE Dr. Ram Tewari, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing Inc.	02/11/2021 06/24/2021 06/24/2021 11/07/2022 12/16/2022 05/17/2023	HETI-20-8095 HETI-21-7047 HETI-21-7051 HETI-22-7241 HETI-22-7278 HETI-23-8031	Rafael E. Droz-Seda, PE Dr. Ram Tewari, PE
ASTM F842	Forced Entry	Hurricane Engineering & Testing Inc.	02/11/2021 11/07/2022 12/16/2022 05/17/2023	HETI-20-8095 HETI-22-7241 HETI-22-7278 HETI-23-8031	Rafael E. Droz-Seda, PE Dr. Ram 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 1626.2 (TAS 201 & 203) ASTME1886/1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing Inc.	02/11/2021	HETI-20-8095	Rafael E. Droz-Seda,PE
			06/24/2021	HETI-21-7047	Dr. Ram Tewari,PE
			06/24/2021	HETI-21-7051	
			11/07/2022	HETI-22-7241	
			12/16/2022	HETI-22-7278	
			12/16/2022	HETI-22-7280	
			05/17/2023	HETI-23-8031	
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:			 Sealed: 7/21/2023		
Jalal Farooq Al-Farooq Corporation					
PE # 81223 EB # 3538					