



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 27001

Date: 07/21/2023

Detailed Product Description:

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

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

Model Name: SERIES MG-500-10 ALUMINUM OUTSWING DOOR

Maximum Load: +114, -114 PSF (Large Missile Impact)

Installation Drawings # 20-51F

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	Blackwater Testing Inc. Intertek	5/17/2018 11/17/2020 11/10/2022	BW-ESW-18-004 BT-ESW-20-040 F3920.01-450-18	Constantin Bortes, PE Vinu Abraham, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Blackwater Testing Inc. Intertek	5/17/2018 11/10/2022	BW-ESW-18-004 F3920.01-450-18	Constantin Bortes, PE Vinu Abraham, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Blackwater Testing Inc. Intertek	5/17/2018 11/17/2020 11/10/2022	BW-ESW-18-004 BT-ESW-20-040 F3920.01-450-18	Constantin Bortes, PE Vinu Abraham, PE
AAMA 1304	Forced Entry Test	Blackwater Testing Inc. Intertek	5/17/2018 11/17/2020 11/10/2022	BW-ESW-18-004 BT-ESW-20-040 F3920.01-450-18	Constantin Bortes, PE Vinu Abraham, 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	Blackwater Testing Inc. Intertek Blackwater	5/17/2018 11/17/2020 11/10/2022 05/22/2023	BW-ESW-18-004 BT-ESW-20-040 F3920.01-450-18 BT-ESW-23-004	Constantin Bortes, PE Vinu Abraham, PE Michael Caldwell, 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: 8/1/2023		