AL-FAROOQ CORPORATION
CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 27001
Date: 12/21/2020

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 PSF, -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   _X_ No

Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)

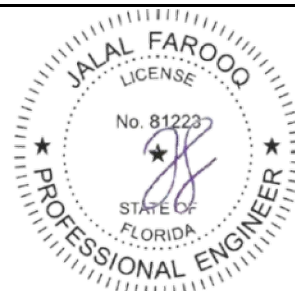| TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Blackwater Testing Inc.	5/17/2018 11/17/2020	BW-ESW-18-004 BT-ESW-20-040	Constantin Bortes, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Blackwater Testing Inc.	5/17/2018	BW-ESW-18-004	Constantin Bortes, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Blackwater Testing Inc.	5/17/2018 11/17/2020	BW-ESW-18-004 BT-ESW-20-040	Constantin Bortes, P.E.
AAMA 1304	Forced Entry Test	Blackwater Testing Inc.	5/17/2018 11/17/2020	BW-ESW-18-004 BT-ESW-20-040	Constantin Bortes, 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 E1886/1996	Large Missile Impact & Cyclic	Blackwater Testing Inc.	5/17/2018 11/17/2020	BW-ESW-18-004 BT-ESW-20-040	Constantin Bortes, 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 2020 Florida Building Code.

Evaluation Report Engineer:

(Seal: JALAL FAROOQ, LICENSE No. 81223, STATE OF FLORIDA, PROFESSIONAL ENGINEER)

Jalal Farooq   PE # 81223
Al-Farooq Corporation EB # 3538

Sealed: 1/5/2021