



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 27001

Date: 11/13/2020

Detailed Product Description:

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

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

Model Name: SERIES MG-500 ALUMINUM OUTSWING DOOR

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

Installation Drawings # 18-47F

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	Fenestration Testing, Inc Blackwater Testing Inc.	05/10/2008 09/09/2009 05/03/2013 06/13/2017 05/17/2018	FTL-5554 FTL-5992 FTL-7242 BW-ESW-17-020 BW-ESW-18-004	Carlos S. Rionda, P.E. Marlin. D. Brinson, P.E. Marlin. D. Brinson, P.E. Constantin Bortes, P.E. Constantin Bortes, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing, Inc.	09/09/2009 05/03/2013 05/17/2018	FTL-5992 FTL-7242 BW-ESW-18-004	Marlin. D. Brinson, P.E. Marlin. D. Brinson, P.E. Constantin Bortes, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing, Inc Blackwater Testing Inc.	04/27/2008 05/10/2008 09/09/2009 05/03/2013 06/13/2017 05/17/2018	FTL-5556 FTL-5554 FTL-5992 FTL-7242 BW-ESW-17-020 BW-ESW-18-004	Carlos S. Rionda, P.E. Carlos S. Rionda, P.E. Marlin. D. Brinson, P.E. Marlin. D. Brinson, P.E. Constantin Bortes, P.E. Constantin Bortes, P.E.
AAMA 1304	Forced Entry Test	Fenestration Testing, Inc Blackwater Testing Inc.	05/10/2008 09/09/2009 05/03/2013 06/13/2017 05/17/2018	FTL-5554 FTL-5992 FTL-7242 BW-ESW-17-020 BW-ESW-18-004	Carlos S. Rionda, P.E. Marlin. D. Brinson, P.E. Marlin. D. Brinson, P.E. Constantin Bortes, P.E. 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	Fenestration Testing Laboratory Blackwater Testing Inc.	04/27/2008 05/10/2008 09/09/2009 05/03/2013 06/13/2017 05/17/2018	FTL-5556 FTL-5554 FTL-5992 FTL-7242 BW-ESW-17-020 BW-ESW-18-004	Carlos S. Rionda, P.E. Carlos S. Rionda, P.E. Marlin. D. Brinson, P.E. Marlin. D. Brinson, P.E. Constantin Bortes, P.E. 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:

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



Sealed: 1/5/2021