

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 29676

Date: 07/20/2023

Detailed Product Description:


Manufacturer: MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC

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

Model Name: SERIES 600 ALUMINUM CASEMENT WINDOW

Maximum Load: +80 PSF, -100 PSF (Large Missile Impact)

Installation Drawings # 19-28F

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 checked="" type="checkbox"/> Yes <input 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	Hurricane Engineering & Testing Inc.	3/19/2019 3/19/2019 3/19/2019	HELT-18-6079 HELT-18-6082 HELT-19-7004	Rafael Droz-Seda, PE
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Hurricane Engineering & Testing Inc.	3/19/2019 3/19/2019 3/19/2019	HELT-18-6079 HELT-18-6082 HELT-19-7004	Rafael Droz-Seda, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing Inc.	3/19/2019 3/19/2019 3/19/2019 3/19/2019 3/19/2019	HELT-18-6079 HELT-18-6082 HELT-19-7004 HELT-19-7008 HELT-19-7011	Rafael Droz-Seda, PE
ASTM F588 or AAMA 1302.5	Forced Entry Test	Hurricane Engineering & Testing Inc.	3/19/2019 3/19/2019	HELT-18-6079 HELT-18-6082	Rafael Droz-Seda, 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) ASTM E1886/1996 ANSI Z97.1	Large Missile Impact & Cyclic	Hurricane Engineering & Testing Inc.	3/19/2019 3/19/2019 3/19/2019 1/19/2019 3/19/2019 3/19/2019 3/19/2019 3/19/2019 4/29/2020 6/29/2020	HELT-18-6080 HELT-18-6081 HELT-19-7005 HELT-19-7009 HELT-19-7010 HELT-19-7012 HELT-19-7015 HELT-19-7016 HELT-20-8050 HELT-20-8071	Rafael Droz-Seda, 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: 7/21/2023	