

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 33619

Date: 08/03/2023

Detailed Product Description:

Manufacturer: MARVIN WINDOWS & DOORS

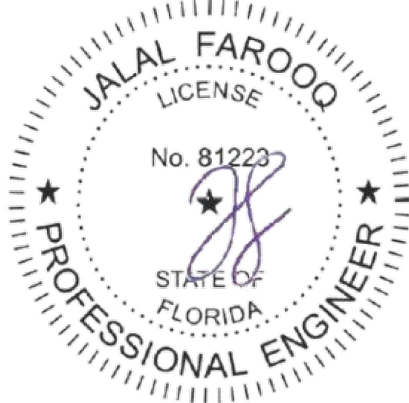
Manufacturer Address: PO Box 100, 401 State Ave N, Warroad, MN 56763

Model Name: Coastline Glider IZ4 (XXL)

Maximum Load: +60 PSF, -60 PSF (Large Missile Impact)

Installation Drawings # 20-70F

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.	9/22/2014 9/25/2014	BT-SIW-14-017C BT-SIW-14-017D	Yamil Gerardo Kuri, PE
		Hurricane Engineering & Testing	2/26/2007	HETI-06-4085	Rafael E. Dooz-Seda, PE
			2/26/2007	HETI-06-4086	
			2/26/2007	HETI-06-4087	
			2/26/2007	HETI-06-4094	
ASTM E331 or ASTM 547 & TAS 202	Water Penetration	Blackwater Testing Inc.	9/22/2014 9/25/2014	BT-SIW-14-017C BT-SIW-14-017D	Yamil Gerardo Kuri, PE
		Hurricane Engineering & Testing	2/26/2007	HETI-06-4085	Rafael E. Dooz-Seda, PE
			2/26/2007	HETI-06-4086	
			2/26/2007	HETI-06-4087	
			2/26/2007	HETI-06-4094	
ASTM E330 & TAS 202	Uniform Static Air Pressure	Blackwater Testing Inc.	9/22/2014 9/25/2014	BT-SIW-14-017C BT-SIW-14-017D	Yamil Gerardo Kuri, PE
		Hurricane Engineering & Testing	2/26/2007	HETI-06-4085	Rafael E. Dooz-Seda, PE
			2/26/2007	HETI-06-4086	
			2/26/2007	HETI-06-4087	
			2/26/2007	HETI-06-4094	
ASTM F842	Forced Entry	Blackwater Testing Inc.	9/22/2014 9/25/2014	BT-SIW-14-017C BT-SIW-14-017D	Yamil Gerardo Kuri, PE
		Hurricane Engineering & Testing	2/26/2007	HETI-06-4085	Rafael E. Dooz-Seda, PE
			2/26/2007	HETI-06-4086	
			2/26/2007	HETI-06-4087	
			2/26/2007	HETI-06-4094	

Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)					
Test	Description	Test Location			Test Sealed By
FBC 1626.2 TAS 201 & 203	Large Missile Impact & Cyclic	Blackwater Testing Inc.	9/22/2014 9/25/2014	BT-SIW-14-017C BT-SIW-14-017D	Yamil Gerardo Kuri, PE
		Hurricane Engineering & Testing	2/26/2007	HETI-06-4089	Rafael E. Dooz-Seda, PE
2/26/2007			HETI-06-4090		
2/26/2007			HETI-06-4092		
2/26/2007			HETI-06-4095		
2/26/2007			HETI-07-4126		
7/25/2007		HETI-07-4282			
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: 8/4/2023		