

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 34013

Date: 07/26/2023

Detailed Product Description:

Manufacturer: MARVIN WINDOWS & DOORS

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

Model Name: Series Coastline French Door / Entry Door Sidelite IZ4

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

Installation Drawings # W17-117

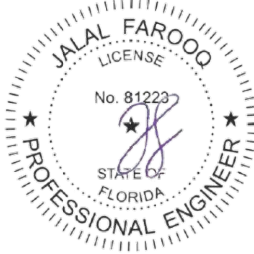
This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.

Comparative analysis used X 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	Hurricane Engineering & Testing, Inc. Black Water Testing Inc.	11/01/2007 11/01/2007 11/01/2007 06/30/2009 06/07/2013	HETI-07-4337 HETI-07-4339 HETI-07-4372 HETI-09-2572A BT-SIW-13-001	Candido F. Font, P.E. Yamil Kuri, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc. Black Water Testing Inc.	11/01/2007 11/01/2007 06/30/2009 06/07/2013	HETI-07-4337 HETI-07-4339 HETI-09-2572A BT-SIW-13-001	Candido F. Font, P.E. Yamil Kuri, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Testing, Inc. Black Water Testing Inc.	11/01/2007 11/01/2007 11/01/2007 06/30/2009 06/07/2013	HETI-07-4337 HETI-07-4339 HETI-07-4372 HETI-09-2572A BT-SIW-13-001	Candido F. Font, P.E. Yamil Kuri, P.E.
AAMA 1304	Forced Entry	Hurricane Engineering & Testing, Inc. Black Water Testing Inc.	11/01/2007 11/01/2007 06/30/2009 06/07/2013	HETI-07-4337 HETI-07-4339 HETI-09-2572A BT-SIW-13-001	Candido F. Font, P.E. Yamil Kuri, 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 E 1886 & ASTM E 1996	Large Missile Impact & Cyclic	Hurricane Engineering & Testing, Inc.	11/01/2007	HETI-07-4371	Candido F. Font, P.E.
			11/01/2007	HETI-07-4373	
			11/01/2007	HETI-07-4374	
			11/01/2007	HETI-07-4377	
			06/30/2009	HETI-09-2573	Yamil Kuri, P.E.
		Black Water Testing	06/10/2013	BT-SIW-13-001	
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:			 Sealed: 7/26/2023		
Jalal Farooq Al-Farooq Corporation					
			PE # 81223 EB # 3538		