



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 34006

Date: 07/26/2023

Detailed Product Description:

Manufacturer: MARVIN WINDOWS & DOORS

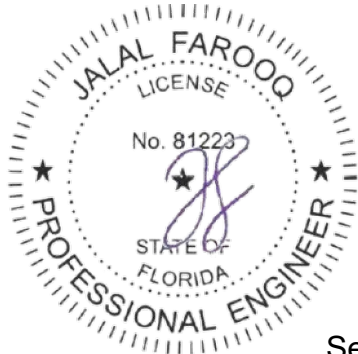
Manufacturer Address: PO Box 100, 401 State Ave N, Warroad, MN 56763

Model Name: Series Coastline Outswing French Door / Entry Door IZ4 (9')

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

Installation Drawings # W15-45

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	Black Water Testing Inc. & Hurricane Engineering & Testing, Inc.	06/10/2013 10/25/2013 11/01/2007 11/01/2007 06/30/2009	BT-SIW-13-001 BT-SIW-13-006 HETI-07-4337 HETI-07-4339 HETI-09-2572A	Yamil Kuri, P.E. Yamil Kuri, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Black Water Testing Inc. & Hurricane Engineering & Testing, Inc.	06/10/2013 11/01/2007 06/30/2009	BT-SIW-13-001 HETI-07-4339 HETI-09-2572A	Yamil Kuri, P.E. Candido F. Font, P.E. Candido F. Font, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Black Water Testing Inc. & Hurricane Engineering & Testing, Inc.	06/10/2013 10/25/2013 11/01/2007 11/01/2007 11/01/2007 10/01/2008 06/30/2009	BT-SIW-13-001 BT-SIW-13-006 HETI-07-4337 HETI-07-4339 HETI-07-4372 HETI-08-2184A HETI-09-2572A	Yamil Kuri, P.E. Yamil Kuri, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, P.E.
AAMA 1304	Forced Entry	Black Water Testing Inc. & Hurricane Engineering & Testing, Inc.	06/10/2013 10/25/2013 11/01/2007 06/30/2009	BT-SIW-13-001 BT-SIW-13-006 HETI-07-4339 HETI-09-2572A	Yamil Kuri, P.E. Yamil Kuri, P.E. Candido F. Font, P.E. Candido F. Font, 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	Black Water Testing Inc. & Hurricane Engineering & Testing, Inc.	06/10/2013 10/25/2013 11/01/2007 11/01/2007 11/01/2007 11/01/2007 10/01/2008 06/30/2009	BT-SIW-13-001 BT-SIW-13-006 HETI-07-4371 HETI-07-4373 HETI-07-4374 HETI-07-4377 HETI-08-2184B HETI-09-2573	Yamil Kuri, P.E. Yamil Kuri, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, P.E. Candido F. Font, 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 2023 Florida Building Code.					
Evaluation Report Engineer: Jalal Farooq Al-Farooq Corporation			 Sealed: 7/26/2023		