



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 (10')

Maximum Load: +55 PSF, -55 PSF (Large missile impact)

Installation Drawings # W17-108

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 <u> </u> Yes <u> </u> ☒ 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 and Testing Blackwater Testing Inc.	01/03/2008 06/30/2009 12/11/2013	HETI 07-4339 HETI 09-2572A BT-SIW-13-001 BT-SIW-13-005 BT-SIW-13-006 BT-SIW-13-007(2) BT-SIW-13-009(2) BT-SIW-13-010(2)	Candido Font, P.E. Candido Font, P.E. Yamil Kuri, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering and Testing Blackwater Testing Inc.	01/03/2008 06/30/2009 12/11/2013	HETI 07-4339 HETI 09-2572A BT-SIW-13-001 BT-SIW-13-005 BT-SIW-13-006 BT-SIW-13-007(2) BT-SIW-13-009(2) BT-SIW-13-010(2) BT-SIW-13-011(2)	Candido Font, P.E. Candido Font, P.E. Yamil Kuri, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering and Testing Blackwater Testing Inc. Intertek	01/03/2008 10/01/2008 06/30/2009 12/11/2013 08/09/2022	HETI 07-4339 HETI 07-4372 HETI 08-2184A HETI 09-2572A BT-SIW-13-001 BT-SIW-13-005 BT-SIW-13-006 BT-SIW-13-007(2) BT-SIW-13-009(2) BT-SIW-13-010(2) BT-SIW-13-011(2) N6865.02-450-18	Candido Font, P.E. Yamil Kuri, P.E. Vinu Abraham, PE

AAMA 1304	Forced Entry Test	Hurricane Engineering and Testing Blackwater Testing Inc. Intertek	01/03/2008 06/30/2009 12/11/2013 08/09/2022	HETI 07-4339 HETI 09-2572A BT-SIW-13-001 BT-SIW-13-005 BT-SIW-13-006 BT-SIW-13-007(2) BT-SIW-13-009(2) BT-SIW-13-010(2) BT-SIW-13-011(2) N6865.02-450-18	Candido Font, P.E. Yamil Kuri, P.E. Vinu Abraham, 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)	Large Missile Impact & Cyclic	Hurricane Engineering and Testing Blackwater Testing Inc. Intertek	01/03/2008 10/01/2008 06/30/2009 12/11/2013 08/09/2022	HETI 07-4339 HETI 07-4371 HETI 07-4373 HETI 07-4374 HETI 08-2184B HETI 09-2573 BT-SIW-13-001 BT-SIW-13-006 BT-SIW-13-007 BT-SIW-13-009 BT-SIW-13-010 BT-SIW-13-011 BT-SIW-13-012 BT-SIW-13-013 BT-SIW-13-005(2) N6865.02-450-18	Candido Font, P.E. Yamil Kuri, P.E. Vinu Abraham, 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			 Sealed: 7/26/2023		
PE # 81223 EB # 3538					