AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 21857
Date: 07/19/2023

Detailed Product Description:
Manufacturer: ASSURA WINDOWS & DOORS, LLC
Manufacturer Address: 1543 N POWERLINE ROAD. POMPANO BEACH, FL 33069
Model Name: SERIES "2500 " ALUMINUM SINGLE HUNG WINDOW
Maximum Load: **+70.0 PSF, -90.0 PSF** (Large Missile Impact)
Installation Drawings # W15-60

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 101/1.S.2/NAFS/TAS-202)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
ASTM E283	Air Infiltration Leakage	Hurricane Engineering & Test Lab, Inc. Fenestration Testing Laboratory, Inc.	01/20/2005 12/04/2009	HETI-04-1419A FTL-6088	Ivonne Ghia, PE Michael Wenzel, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc. Fenestration Testing Laboratory, Inc.	01/20/2005 12/04/2009	HETI-04-1419A FTL-6088	Ivonne Ghia, PE Michael Wenzel, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Test Lab, Inc. Fenestration Testing Laboratory, Inc. QAI	01/20/2005 12/04/2009 08/23/2017 01/27/2022	HETI-04-1419A FTL-6088 FTL-9254 QAI-12855	Ivonne Ghia, PE Michael Wenzel, PE Idalmis Ortega, PE Idalmis Ortega, PE
ASTM F 588	Forced Entry	Hurricane Engineering & Test Lab, Inc. Fenestration Testing Laboratory, Inc. QAI	01/20/2005 12/04/2009 08/23/2017 01/27/2022	HETI-04-1419A FTL-6088 FTL-9254 QAI-12855	Ivonne Ghia, PE Michael Wenzel, PE Idalmis Ortega, PE Idalmis Ortega, 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 & Test Lab, Inc. Fenestration Testing Laboratory, Inc. QAI	01/20/2005 01/21/2005 07/30/2007 12/04/2009 08/23/2017 01/27/2022	HETl-04-1419B HETl-05-1936 FTL-5250 FTL-6088 FTL-9254 QAI-12855	Ivonne Ghia, PE Ivonne Ghia, PE Carlos Rionda, PE Michael Wenzel, PE Idalmis Ortega, PE Idalmis Ortega, 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 PE # 81223 Al-Farooq Corporation EB # 3538			 Sealed: 7/20/2023		