AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 29240

Detailed Product Description: **Date: 07/28/2024**

Manufacturer: SUNSHINE WINDOWS MANUFACTURING, INC.
Manufacturer Address: 1785 W 33 PLACE, HIALEAH, FL 33012
Model Name: SERIES "1650" ALUMINUM HORIZONTAL ROLLING WINDOW
Maximum Load: +80 PSF, -100 PSF (Non-Impact)
Installation Drawings # 19-01F

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	Fenestration Testing Laboratory, Inc	9/28/2018	FTL-10293	Idalmis Ortega, PE
			3/2/2007	FTL-5059	Idalmis Ortega, PE
			3/2/2007	FTL-5060	Idalmis Ortega, PE
			8/27/2007	FTL-5376	Idalmis Ortega, PE
			3/2/2007	FTL-5057	Carlos S Rionda, PE
			1/23/2007	FTL-5058	Carlos S Rionda, PE
			9/14/2007	FTL-5353	Michael R Wenzel, PE
			9/14/2007	FTL-5354	Carlos S Rionda, PE
		QAI	1/26/2024	QAI-13802	Idalmis Ortega, PE
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc	1/7/2019	FTL-10088	Idalmis Ortega, P.E.
			9/28/2018	FTL-10293	Idalmis Ortega, PE
			3/2/2007	FTL-5059	Idalmis Ortega, PE
			3/2/2007	FTL-5060	Idalmis Ortega, PE
			8/27/2007	FTL-5376	Idalmis Ortega, PE
			3/2/2007	FTL-5057	Carlos S Rionda, PE
			1/23/2007	FTL-5058	Carlos S Rionda, PE
			9/14/2007	FTL-5353	Michael R Wenzel, PE
			9/14/2007	FTL-5354	Carlos S Rionda, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	9/28/2018	FTL-10293	Idalmis Ortega, P.E.
			3/2/2007	FTL-5059	Idalmis Ortega, PE
			3/2/2007	FTL-5060	Idalmis Ortega, PE
			8/27/2007	FTL-5376	Idalmis Ortega, PE
			3/2/2007	FTL-5057	Carlos S Rionda, PE
			1/23/2007	FTL-5058	Carlos S Rionda, PE
			9/14/2007	FTL-5353	Michael R Wenzel, PE
			9/14/2007	FTL-5354	Carlos S Rionda, PE
		QAI	1/26/2024	QAI-13802	Idalmis Ortega, PE

ASTM F588	Forced Entry Test	Fenestration Testing Laboratory, Inc	9/28/2018	FTL-10293	Idalmis Ortega, P.E.
			3/2/2007	FTL-5059	Idalmis Ortega, PE
			3/2/2007	FTL-5060	Idalmis Ortega, PE
			8/27/2007	FTL-5376	Idalmis Ortega, PE
			3/2/2007	FTL-5057	Carlos S Rionda, PE
			1/23/2007	FTL-5058	Carlos S Rionda, PE
			9/14/2007	FTL-5353	Michael R Wenzel, PE
			9/14/2007	FTL-5354	Carlos S Rionda, 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:

Sealed: 8/20/2024

Jalal Farooq PE # 81223
Al-Farooq Corporation EB # 3538