



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 29240

Date: 08/20/2024

Detailed Product Description:

Manufacturer: SUNSHINE WINDOWS MANUFACTURING INC.

Manufacturer Address: 1785 W 33 PLACE, HIALEAH, FL 33012

Model Name: SERIES "1650" ALUMINUM HORIZONTAL ROLLING WINDOW

Maximum Load: +65 PSF, -70 PSF (Large Missile Impact)

Installation Drawings # 19-04F

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> X </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	Fenestration Testing Laboratory, Inc	1/7/2019	FTL-10088	Idalmis Ortega, PE
			8/4/1998	FTL-1835	Gilbert Diamond, PE
			7/27/2007	FTL-5015	Carlos Rionda, PE
			9/18/2007	FTL-5331	Carlos Rionda, PE
			12/7/2007	FTL-5352	Carlos 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.
			8/4/1998	FTL-1835	Gilbert Diamond, PE
			7/27/2007	FTL-5015	Carlos Rionda, PE
			9/18/2007	FTL-5331	Carlos Rionda, PE
			12/7/2007	FTL-5352	Carlos Rionda, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	1/7/2019	FTL-10088	Idalmis Ortega, P.E.
			8/4/1998	FTL-1835	Gilbert Diamond, PE
			7/27/2007	FTL-5015	Carlos Rionda, PE
			9/18/2007	FTL-5331	Carlos Rionda, PE
			12/7/2007	FTL-5352	Carlos Rionda, PE
		QAI	1/26/2024	QAI-13802	Idalmis Ortega, PE
ASTM F588	Forced Entry Test	Fenestration Testing Laboratory, Inc	1/7/2019	FTL-10088	Idalmis Ortega, P.E.
			8/4/1998	FTL-1835	Gilbert Diamond, PE
			7/27/2007	FTL-5015	Carlos Rionda, PE
			9/18/2007	FTL-5331	Carlos Rionda, PE
			12/7/2007	FTL-5352	Carlos Rionda, 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	Fenestration Testing Laboratory, Inc	1/7/2019 8/4/1998 7/27/2007 9/18/2007 12/7/2007	FTL-10088 FTL-1835 FTL-5015 FTL-5331 FTL-5352	Idalmis Ortega, P.E. Gilbert Diamond, PE Carlos Rionda, PE Carlos Rionda, PE Carlos 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:					
Jalal Farooq Al-Farooq Corporation			PE # 81223 EB # 3538 Sealed: 8/20/2024		