



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 30924

Date: 07/25/2023

Detailed Product Description:

Manufacturer: SUNSHINE WINDOWS MANUFACTURING, INC.

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

Model Name: SERIES 2009 ALUMINUM OUTSWING CASEMENT WINDOW

Maximum Load: +90 PSF, -90 PSF (Large Missile Impact)

Installation Drawings # 19-110F

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.	6/20/2019 9/19/2017 9/16/2008	FTL-10673 FTL-9455 FTL-5560	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Carlos Rionda, PE
ASTM E331 or ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	6/20/2019 9/19/2017 9/16/2008	FTL-10673 FTL-9455 FTL-5560	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Carlos Rionda, PE
ASTM E330 & TAS 202	Uniform Static Air Pressure	Fenestration Testing Laboratory, Inc.	6/20/2019 9/19/2017 9/16/2008	FTL-10673 FTL-9455 FTL-5560	Idalmis Ortega, P.E. Idalmis Ortega, P.E. Carlos Rionda, PE
ASTM F588	Forced Entry	Fenestration Testing Laboratory, Inc.	6/20/2019 9/19/2017 9/16/2008	FTL-10673 FTL-9455 FTL-5560	Idalmis Ortega, P.E. Idalmis Ortega, P.E. 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.	6/20/2019 9/19/2017 9/16/2008	FTL-10673 FTL-9455 FTL-5560	Idalmis Ortega, P.E. Idalmis Ortega, P.E. 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			 Sealed: 7/26/2023		