AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 30350
Date: 09/20/2023

Detailed Product Description:
Manufacturer: ALCON WINDOWS AND DOORS CORP.
Manufacturer Address: 7240 N.W. 46 STREET MIAMI, FL. 33166
Model Name: SERIES 100SH ALUMINUM SINGLE HUNG WINDOW
Maximum Load: +80 PSF, -95 PSF (Small Missile Impact)
Installation Drawings #19-74F

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	6/6/2019	FTL-10651	Idalmis Ortega, P.E.
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc	6/6/2019	FTL-10651	Idalmis Ortega, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	6/6/2019 6/25/2019	FTL-10651 FTL-10603 FTL-10595	Idalmis Ortega, P.E.
ASTM F588	Forced Entry Test	Fenestration Testing Laboratory, Inc	6/6/2019	FTL-10651	Idalmis Ortega, P.E.

Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)

Test	Description	Test Location	Test Report Date	Test Report#	Test Sealed By
FBC 1626.3 (TAS 201 & 203)	Small Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc	6/6/2019 6/25/2019	FTL-10651 FTL-10603 FTL-10595	Idalmis Ortega, P.E.

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

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sealed: 9/22/2023