AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 32359
Date: 07/28/2023

Detailed Product Description:
Manufacturer: SUNSHINE WINDOWS MANUFACTURING, INC.
Manufacturer Address: 1785 W 33 PLACE, HIALEAH, FL 33012
Model Name: SERIES 1600 ALUMINUM SLIDING GLASS DOOR
Maximum Load: +80 PSF, -80 PSF (Large Missile Impact)
Installation Drawings # 20-36F

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.	1/28/2013	FTL-6772	Marlin D. Brinson, PE
ASTM E331 or ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	1/28/2013	FTL-6772	Marlin D. Brinson, PE
ASTM E330 & TAS 202	Uniform Static Air Pressure	Fenestration Testing Laboratory, Inc.	1/28/2013	FTL-6772	Marlin D. Brinson, PE
ASTM F842	Forced Entry	Fenestration Testing Laboratory, Inc.	1/28/2013	FTL-6772	Marlin D. Brinson, PE

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

Test	Description	Test Location			Test Sealed By
FBC 1626.2 TAS 201 & 203	Large Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc.	1/28/2013	FTL-6772	Marlin D. Brinson, 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

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sealed: 7/28/2023