AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 17893

Date: 9/15/2023

Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC

Manufacturer Address: 3550 NW 49 STREET. MIAMI, FL 33142

Model Name: SERIES ES-6500 ALUMINUM SLIDING GLASS DOORS W/ REINFORCEMENTS

Maximum Load: +120 PSF, -135 PSF (Large Missile Impact)

Installation Drawings # 18-37F

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	9/12/2013 8/6/2012	FTL-7130 FTL-6990	Marlin D. Brinson, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc	9/12/2013 8/6/2012	FTL-7130 FTL-6990	Marlin D. Brinson, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	9/12/2013 8/6/2012	FTL-7130 FTL-6990	Marlin D. Brinson, PE
ASTM F842	Forced Entry Test	Fenestration Testing Laboratory, Inc	9/12/2013 8/6/2012	FTL-7130 FTL-6990	Marlin D. Brinson, 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	9/12/2013 8/6/2012	FTL-7130 FTL-6990	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: 9/15/2023

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