AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 24524
Date: 10/03/2024

Detailed Product Description:
Manufacturer: E.S. WINDOWS, LLC.
Manufacturer Address: 3550 N.W. 49 STREET – MIAMI, FL. 33142
Model Name: ES-PA220 ALUM. THERMALLY BROKEN PROJECT-OUT WINDOW
Maximum Load: +110 PSF, -140 PSF (Large Missile Impact)
Installation Drawings # W17-93

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 ___ Yes X 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	Architectural Testing, Inc Fenestration Laboratory, Inc	04/01/2016 02/15/2019	F0769.02-450-18 FTL-10436	Justin P McDonald, P.E. Idalmis Ortega, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Architectural Testing, Inc Fenestration Laboratory, Inc	04/01/2016 02/15/2019	F0769.02-450-18 FTL-10436	Justin P McDonald, P.E. Idalmis Ortega, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Architectural Testing, Inc Fenestration Laboratory, Inc	04/01/2016 02/15/2019	F0769.02-450-18 FTL-10436	Justin P McDonald, P.E. Idalmis Ortega, P.E.
ASTM F588	Forced Entry	Architectural Testing, Inc Fenestration Laboratory, Inc	04/01/2016 02/15/2019	F0769.02-450-18 FTL-10436	Justin P McDonald, P.E. 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 1626.2 (TAS 201 & 203)	Large Missile Impact & Cyclic	Architectural Testing, Inc Fenestration Laboratory, Inc	04/01/2016 02/15/2019	F0769.02-450-18 FTL-10436	Justin P McDonald, P.E. 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			 Sealed: 10/16/2024		