



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 22266

Date: 06/15/2026

Detailed Product Description:

Manufacturer: ES WINDOWS, LLC.

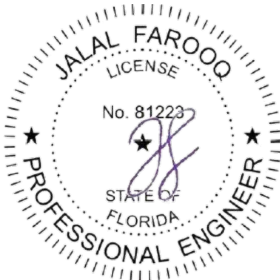
Manufacturer Address: 3550 N.W. 49 STREET – MIAMI, FL. 33142

Model Name: SERIES ES-5500 PROJECT OUT ALUMINUM WINDOW

Maximum Load: +100 PSF, -125 PSF (Large Missile Impact)

Installation Drawings # W16-80

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 ☐ 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 QAI Laboratories	03/07/2017 02/07/2020 06/19/2020 02/04/2022	FTL-8320 FTL-10560 FTL-12112 QAI-12657	IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc QAI Laboratories	11/16/2007 02/25/2011 03/07/2017 02/07/2020 06/19/2020 02/04/2022	FTL-5336 FTL-6294 FTL-8320 FTL-10560 FTL-12112 QAI-12657	CARLOS S. RIONDA, P.E. MARLIN D. BRINSON P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc QAI Laboratories	11/16/2007 02/25/2011 03/07/2017 02/07/2020 06/19/2020 02/04/2022	FTL-5336 FTL-6294 FTL-8320 FTL-10560 FTL-12112 QAI-12657	CARLOS S. RIONDA, P.E. MARLIN D. BRINSON P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E.
ASTM F588	Forced Entry	Fenestration Testing Laboratory, Inc QAI Laboratories	03/07/2017 02/07/2020 06/19/2020 02/04/2022	FTL-8320 FTL-10560 FTL-12112 QAI-12657	IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, P.E. IDALMIS ORTEGA, 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 ANSI Z97.1	Large Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc	11/16/2007	FTL-5336	CARLOS S. RIONDA, P.E.
			02/25/2011	FTL-6294	MARLIN D. BRINSON P.E.
			03/07/2017	FTL-8320	IDALMIS ORTEGA, P.E.
			07/26/2018	FTL-9711	IDALMIS ORTEGA, P.E.
			02/07/2020	FTL-10560	IDALMIS ORTEGA, P.E.
		06/19/2020	FTL-12112	IDALMIS ORTEGA, P.E.	
		QAI Laboratories	02/04/2022	QAI-12657	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 Al-Farooq Corporation			Sealed: 6/17/2026		
PE # 81223 EB # 3538					