



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 22526

Date: 10/05/2026

Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC

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

Model Name: SERIES ES-8860 ALUMINUM WINDOW WALL SYSTEM

Maximum Load: +150 PSF, -150 PSF (Large Missile Impact)

Installation Drawings # 18-01F

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 501/101/I.S.2/NAFS/TAS 202)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
ASTM E283	Air Infiltration Leakage	Blackwater Testing Inc	12/04/2017 05/20/2019 07/02/2019 09/02/2020	BT-ESW-17-015C BT-GMP-19-003 BT-GMP-19-007 BT-ESW-20-030	Constantin Bortes, PE Constantin Bortes, PE Constantin Bortes, PE Michael D Caldwell, PE
		QAI Laboratories	03/04/2022	QAI-13014	Idalmis Ortega, PE
ASTM E331 or ASTM 547 & TAS 202	Water Penetration	Blackwater Testing Inc	12/04/2017 05/20/2019 07/02/2019 09/02/2020	BT-ESW-17-015C BT-GMP-19-003 BT-GMP-19-007 BT-ESW-20-030	Constantin Bortes, PE Constantin Bortes, PE Constantin Bortes, PE Michael D Caldwell, PE
		QAI Laboratories	03/04/2022	QAI-13014	Idalmis Ortega, PE
ASTM E330 & TAS 202	Uniform Static Air Pressure	Blackwater Testing Inc	12/04/2017 05/20/2019 07/02/2019 09/02/2020	BT-ESW-17-015C BT-GMP-19-003 BT-GMP-19-007 BT-ESW-20-030	Constantin Bortes, PE Constantin Bortes, PE Constantin Bortes, PE Michael D Caldwell, PE
		QAI Laboratories	03/04/2022	QAI-13014	Idalmis Ortega, PE
ASTM F588	Forced Entry Test	Blackwater Testing Inc	12/04/2017 07/02/2019 09/02/2020	BT-ESW-17-015C BT-GMP-19-007 BT-ESW-20-030	Constantin Bortes, PE Constantin Bortes, PE Michael D Caldwell, 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 ASTM E1886/1996 ANSI Z97.1	Large Missile Impact & Cyclic	Blackwater Testing Inc	12/04/2017 05/20/2019 06/20/2019 07/02/2019 09/02/2020	BT-ESW-17-015C BT-GMP-19-003 BT-GMP-19-008 BT-GMP-19-007 BT-ESW-20-030	Constantin Bortes, PE Constantin Bortes, PE Constantin Bortes, PE Constantin Bortes, PE Michael D Caldwell, PE
		QAI Laboratories	03/04/2022	QAI-13014	Idalmis Ortega, 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 2026 Florida Building Code.

Evaluation Report Engineer:

Jalal Farooq
Al-Farooq Corporation

PE # 81223
EB # 3538



Sealed: 10/5/2026