



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 29877

Date: 7/31/2023

Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC

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

Model Name: SERIES ES-8860i ALUMINUM WINDOW WALL SYSTEM

Maximum Load: +90 PSF, -90 PSF (Small Missile Impact)

Installation Drawings # 19-52F

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.	1/30/2019	BT-ESW-19-002	Constantin Bortes, PE
ASTM E331 or ASTM 547 & TAS 202	Water Penetration	Blackwater Testing Inc.	1/30/2019	BT-ESW-19-002	Constantin Bortes, PE
ASTM E330 & TAS 202	Uniform Static Air Pressure	Blackwater Testing Inc.	1/30/2019	BT-ESW-19-002	Constantin Bortes, 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 1626.3 (TAS 201 & 203) ASTM E1886/1996 ANSI Z97.1	Small Missile Impact & Cyclic	Blackwater Testing Inc.	1/30/2019	BT-ESW-19-002	Constantin Bortes, 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
Al-Farooq Corporation

PE # 81223
EB # 3538



Sealed: 8/1/2023