AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 18410
Date: 09/02/2026

Detailed Product Description:
Manufacturer: E.S. WINDOWS, LLC
Manufacturer Address: 3550 NW 49TH STREET MIAMI, FL 33142
Model Name: ES-WW1032i ALUMINUM WINDOW WALL SYSTEM
Maximum Load: +135 PSF, -135 PSF (Small Missile Impact)
Installation Drawings # 24-98F

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 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 Technical Services Inc.	4/21/2015 3/4/2019 3/18/2024 12/20/2024	BT-ESW-15-001 BT-GMP-18-003 BT-ESW-23-029 BT-ESW-23-037	Yamil Kuri, P.E Constantin Bortes, PE Michael D. Caldwell, PE Michael D. Caldwell, PE
ASTM E331 or ASTM 547 & TAS 202	Water Penetration	Blackwater Technical Services Inc.	4/21/2015 3/4/2019 3/18/2024 12/20/2024	BT-ESW-15-001 BT-GMP-18-003 BT-ESW-23-029 BT-ESW-23-037	Yamil Kuri, P.E Constantin Bortes, PE Michael D. Caldwell, PE Michael D. Caldwell, PE
ASTM E330 & TAS 202	Uniform Static Air Pressure	Blackwater Technical Services Inc.	4/21/2015 3/4/2019 3/18/2024 12/20/2024	BT-ESW-15-001 BT-GMP-18-003 BT-ESW-23-029 BT-ESW-23-037	Yamil Kuri, P.E Constantin Bortes, PE Michael D. Caldwell, PE Michael D. Caldwell, PE
ASTM F588	Forced Entry	Blackwater Technical Services Inc.	12/20/2024	BT-ESW-23-037	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 1626.3 TAS 201 & 203 ASTM E1886/1996	Small Missile Impact & Cyclic	Blackwater Technical Services Inc.	4/21/2015 3/4/2019 3/18/2024 12/20/2024	BT-ESW-15-001 BT-GMP-18-003 BT-ESW-23-029 BT-ESW-23-037	Yamil Kuri, P.E Constantin Bortes, PE Michael D. Caldwell, PE Michael D. Caldwell, 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 PE # 81223
Al-Farooq Corporation EB # 3538

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sealed: 9/2/2026