



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 21557

Date: 07/17/2023

Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC.

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

Model Name: SERIES ES-EL200 ALUMINUM HORIZONTAL ROLLING WINDOW

Maximum Load: +80 PSF, -100 PSF (Non-Impact)

Installation Drawings # 20-63F

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	TEST REPORT #	TEST SEALED BY
ASTM E283	Air Infiltration Leakage	Blackwater Testing Inc. Fenestration Testing Lab. QAI Laboratories	12/08/2016 06/27/2019 02/10/2023	BT-ESW-16-007 FTL-10490 QAI-13628	Constantin Bortes, P.E. Idalmis Ortega, PE. Idalmis Ortega, PE.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Blackwater Testing Inc. Fenestration Testing Lab. QAI Laboratories	12/08/2016 06/27/2019 02/10/2023	BT-ESW-16-007 FTL-10490 QAI-13628	Constantin Bortes, P.E. Idalmis Ortega, PE. Idalmis Ortega, PE.
ASTM E330 & TAS 202	Uniform Static Air Press.	Blackwater Testing Inc. Fenestration Testing Lab. QAI Laboratories	12/08/2016 06/27/2019 02/10/2023	BT-ESW-16-007 FTL-10490 QAI-13628	Constantin Bortes, P.E. Idalmis Ortega, PE. Idalmis Ortega, PE.
ASTM F588	Forced Entry	Blackwater Testing Inc. Fenestration Testing Lab. QAI Laboratories	12/08/2016 06/27/2019 02/10/2023	BT-ESW-16-007 FTL-10490 QAI-13628	Constantin Bortes, P.E. Idalmis Ortega, PE. 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 2023 Florida Building Code.

Evaluation Report Engineer:

Jalal Farooq
Al-Farooq Corporation

PE # 81223
EB # 3538



Sealed: 8/17/2023