



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 22645

Date: 02/05/2025

Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC.

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

Model Name: SERIES ES-EL400 ALUMINUM SLIDING GLASS DOOR

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

Installation Drawings # 19-63F

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. This product was tested using a wrap-around glazing gasket. This is equivalent to using setting blocks.					
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.	06/28/2019	FTL 10491	Idalmis Ortega, PE
		Blackwater Testing Inc.	12/09/2019	BT-ESW-19-007	Constantin Bortes, PE
		QAI	08/11/2022	QAI-12901	Idalmis Ortega, PE
		IFET, Inc.	12/17/2024	IFET-24-0046	Arshad, Viqar, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	06/28/2019	FTL 10491	Idalmis Ortega, PE
		Blackwater Testing Inc.	12/09/2019	BT-ESW-19-007	Constantin Bortes, PE
		QAI	08/11/2022	QAI-12901	Idalmis Ortega, PE
		IFET, Inc.	12/17/2024	IFET-24-0046	Arshad, Viqar, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc.	06/28/2019	FTL 10491	Idalmis Ortega, PE
		Blackwater Testing Inc.	12/09/2019	BT-ESW-19-007	Constantin Bortes, PE
		QAI	08/11/2022	QAI-12901	Idalmis Ortega, PE
		IFET, Inc.	12/17/2024	IFET-24-0046	Arshad, Viqar, PE

ASTM F842	Forced Entry Test	Fenestration Testing Laboratory, Inc.	06/28/2019	FTL 10491	Idalmis Ortega, PE
		Blackwater Testing Inc.	12/09/2019	BT-ESW-19-007	Constantin Bortes, PE
		QAI	08/11/2022	QAI-12901	Idalmis Ortega, PE
		IFET, Inc.	12/17/2024	IFET-24-0046	Arshad, Viqar, 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 PE # 81223
Al-Farooq Corporation EB # 3538



Sealed 2-14-2025