



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 24171

Date: 09/15/2023

Detailed Product Description:

Manufacturer: ES WINDOWS, LLC.

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

Model Name: SERIES 6500 LIFT & SLIDE ALUMINUM GLASS DOOR

Maximum Load: +100 PSF, -100 PSF (Large Missile Impact)

Installation Drawings # W17-73

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 DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Blackwater Testing, Inc	08/09/2017	BT-ESW-17-023	Yamil Gerardo Kuri, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Blackwater Testing, Inc	08/09/2017	BT-ESW-17-023	Yamil Gerardo Kuri, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Blackwater Testing, Inc	08/09/2017	BT-ESW-17-023	Yamil Gerardo Kuri, PE
ASTM F842	Forced Entry Test	Blackwater Testing, Inc	08/09/2017	BT-ESW-17-023	Yamil Gerardo Kuri, 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 E1996 ASTM E1886	Large Missile Impact & Cyclic	Fenestration Testing, Inc Blackwater Testing, Inc	04/05/2013 08/09/2017	FTL-7130 BT-ESW-17-023	Marlin D. Brinson, PE Yamil Gerardo Kuri, 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: 9/15/2023