

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 22645

Date: 07/11/2023

Detailed Product Description:

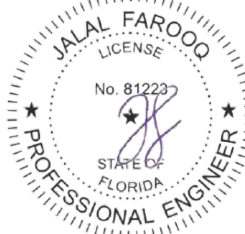
Manufacturer: E.S. WINDOWS, LLC

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

Model Name: SERIES ES-EL400-10 ALUMINUM SLIDING GLASS DOOR

Maximum Load: +65 PSF, -65 PSF (Large Missile Impact)

Installation Drawings # 20-22F

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 <u>X</u> Yes <u> </u> 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.	12/9/2019	BT-ESW-19-007	Constantin Bortes, PE
ASTM E331 OR ASTM E547 & TAS 202	Water Penetration	Blackwater Testing Inc.	12/9/2019	BT-ESW-19-007	Constantin Bortes, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Blackwater Testing Inc.	12/9/2019	BT-ESW-19-007	Constantin Bortes, PE
ASTM F842	Forced Entry Test	Blackwater Testing Inc.	12/9/2019	BT-ESW-19-007	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 1626.2 TAS 201 & 203 ANSI Z 97.1	Large Missile Impact & Cyclic	Blackwater Testing Inc.	12/9/2019	BT-ESW-19-007	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:			 Sealed: 7/12/2023		
Jalal Farooq Al-Farooq Corporation					
PE # 81223 EB # 3538					