



# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 19073

Date: 09/29/2023

**Detailed Product Description:**

**Manufacturer:** E.S. WINDOWS, LLC

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

**Model Name:** SERIES ES-SD450 ALUMINUM THERMALLY BROKEN SLIDING GLASS DOOR

**Maximum Load:** +97.2 PSF, -97.2 PSF

**Installation Drawings #** W15-75

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.					
For maximum sizes, combination of span vs load and anchor type refer to installation drawings.					
Comparative analysis used <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
<b>Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)</b>					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Fenestration Testing Laboratory, Inc.	10/14/2013	FTL-7541	Marlin D. Brinson, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc.	10/14/2013	FTL-7541	Marlin D. Brinson, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc.	10/14/2013	FTL-7541	Marlin D. Brinson, P.E.
ASTM F842	Forced Entry	Fenestration Testing Laboratory, Inc.	10/14/2013	FTL-7541	Marlin D. Brinson, P.E.

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: 10/5/2023