

# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 21563

Date: 09/28/2023

**Detailed Product Description:**

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

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

**Model Name:** SERIES ES-BF5010T OUTFOLDING BI-FOLD DOOR (L.M.I)

**Maximum Load:** +95 PSF, -95 PSF (Large Missile Impact)

**Installation Drawings #** W16-72

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	12/05/2016	BT-ESW-16-003	Constantin Bortes, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Blackwater Testing, Inc	12/05/2016	BT-ESW-16-003	Constantin Bortes, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Blackwater Testing, Inc	12/05/2016	BT-ESW-16-003	Constantin Bortes, P.E.
AAMA 1304	Forced Entry Test	Blackwater Testing, Inc	12/05/2016	BT-ESW-16-003	Constantin Bortes, P.E.

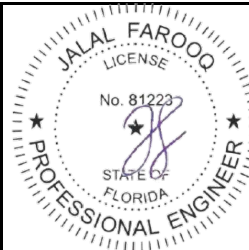
### Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
FBC 1626.2 (TAS 201 & 203)	Large Missile Impact & Cyclic	Blackwater Testing, Inc	12/05/2016	BT-ESW-16-003	Constantin Bortes, 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 PE # 81223  
Al-Farooq Corporation EB # 3538



Sealed: 10/4/2023