

AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 20701
Date: 8/8/17

Detailed Product Description:

Manufacturer: ENVIRALUM INDUSTRIES, INC
Manufacturer Address: 5100 NW 72ND AVENUE, BLDG C. MIAMI, FL 33166
Model Name: SERIES ENV-350 OUTSWING ENTRANCE DOOR (S.M.I)
Maximum Frame Width: 51-1/2" (X), 99-1/2" (XX)
Maximum Frame Height: 120"
Maximum Load: +100 PSF, -144 PSF (Small Missile Impact)
Installation Drawings # W16-50

This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

The above maximum parameters do not occur simultaneously.
See charts on installation drawings for combination of spans vs. loads and anchor type.

Comparative analysis used X Yes No

Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS-02/TAS-202)

TEST	DESCRIPTION	TEST LOCATION	REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Blackwater Testing, Inc	05/24/2016	BT-ENI-16-001	Constantin Bortes, P. E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Blackwater Testing, Inc	05/24/2016	BT-ENI-16-001	Constantin Bortes, P. E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Blackwater Testing, Inc	05/24/2016	BT-ENI-16-001	Constantin Bortes, P. E.
AAMA 1304	Forced Entry Test	Blackwater Testing, Inc	05/24/2016	BT-ENI-16-001	Constantin Bortes, P. E.

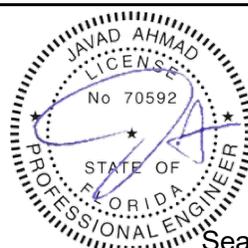
Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
FBC 1626.3 (TAS 201 & 203) ASTM E1886/1996	Small Missile Impact & Cyclic	Blackwater Testing, Inc	05/24/2016	BT-ENI-16-001	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 2017 Florida Building Code.

Evaluation Report Engineer:

Javad Ahmad PE # 70592
Al-Farooq Corporation EB # 3538



Sealed: 08/08/2017