



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 20701

Date: 2/20/19

Detailed Product Description:

Manufacturer: ENVIRALUM INDUSTRIES, INC

Manufacturer Address: 5100 NW 72ND AVENUE, BLDG C. MIAMI, FL 33166

Model Name: SERIES ENV-350E OUTSWING ENTRANCE DOOR (L.M.I)

Maximum Frame Width: 51-1/2" (X), 99-1/2" (XX)

Maximum Frame Height: 120" (X)(XX), 144" (O/X)(O/XX)

Maximum Load: +100 PSF, -144 PSF (Large Missile Impact)

Installation Drawings # W17-42

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.

Comparative analysis used 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	Fenestration Testing Laboratory Blackwater Testing, Inc	05/19/02 09/10/04 03/20/12 12/20/18	FTL-6920 FTL-7752 FTL-6678 BT-ENI-18-001	Marlin Brinson, PE Idalmis Ortega, PE Marlin Brinson, PE Constantin Bortes, P. E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory	05/19/02 09/10/04 03/20/12	FTL-6920 FTL-7752 FTL-6678	Marlin Brinson, PE Idalmis Ortega, PE Marlin Brinson, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory Blackwater Testing, Inc	05/19/02 09/10/04 03/20/12 12/20/18	FTL-6920 FTL-7752 FTL-6678 BT-ENI-18-001	Marlin Brinson, PE Idalmis Ortega, PE Marlin Brinson, PE Constantin Bortes, P. E.
AAMA 1304	Forced Entry Test	Fenestration Testing Laboratory Blackwater Testing, Inc	05/19/02 04/06/17 06/09/17 12/20/18	FTL-6920 BT-ENI-16-003 BT-ENI-16-003B BT-ENI-18-001	Marlin Brinson, PE 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) ASTM E1886/1996	Large Missile Impact & Cyclic Level D/E	Fenestration Testing Laboratory Blackwater Testing, Inc	05/19/02 03/20/12 04/06/17 06/09/17 12/20/18	FTL-6920 FTL-6678 BT-ENI-16-003 BT-ENI-16-003B BT-ENI-18-001	Marlin Brinson, PE 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

