



# AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 21857

Date: 12/3/2017

### Detailed Product Description:

Manufacturer: ASSURA WINDOWS & DOORS, LLC d.b.a. AWP WINDOWS AND DOORS

Manufacturer Address: 1543 N POWERLINE ROAD. POMPANO BEACH, FL 33069

Model Name: SERIES "2500 " ALUMINUM SINGLE HUNG WINDOW

Maximum Width: 53-1/8"

**Maximum Frame Height: 76"**

**Maximum Load: +70.0 PSF, -90.0 PSF** (Large Missile Impact)

**Installation Drawings # W15-60**

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

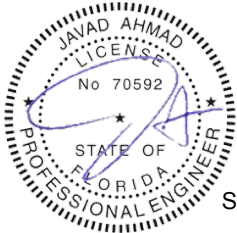
The above maximum parameters do not occur simultaneously.  
See installation drawings for combination of span vs loads.

Comparative analysis used X Yes    No

### Mandatory Tests (Tested in accordance with AAMA 101/1.S.2/NAFS/TAS-202)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	Test Sealed by
ASTM E283	Air Infiltration Leakage	Hurricane Engineering & Test Lab, Inc. Fenestration Testing Laboratory, Inc.	01/20/2005	HETI-04-1419A	Ivonne Ghia, P.E.
			12/04/2009	FTL-6088	Michael Wenzel, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Hurricane Engineering & Testing, Inc. Fenestration Testing Laboratory, Inc.	01/20/2005	HETI-04-1419A	Ivonne Ghia, P.E.
			12/04/2009	FTL-6088	Michael Wenzel, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Hurricane Engineering & Test Lab, Inc. Fenestration Testing Laboratory, Inc.	01/20/2005	HETI-04-1419A	Ivonne Ghia, P.E.
			12/04/2009 8/23/2017	FTL-6088 FTL-9254	Michael Wenzel, P.E. Idalmis Ortega, PE
ASTM F 588	Forced Entry	Hurricane Engineering & Test Lab, Inc. Fenestration Testing Laboratory, Inc.	01/20/2005	HETI-04-1419A	Ivonne Ghia, P.E.
			12/04/2009 8/23/2017	FTL-6088 FTL-9254	Michael Wenzel, P.E. Idalmis Ortega, 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)	Large Missile Impact & Cyclic	Hurricane Engineering & Test Lab, Inc. Fenestration Testing Laboratory, Inc.	01/20/2005 01/21/2005 07/30/2007 12/04/2009 8/23/2017	HETI-04-1419B HETI-05-1936 FTL-5250 FTL-6088 FTL-9254	Ivonne Ghia, P.E. Ivonne Ghia, P.E. Carlos Rionda, P.E. Michael Wenzel, P.E. Idalmis Ortega, 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 2017 Florida Building Code.					
Evaluation Report Engineer:					
Javad Ahmad Al-Farooq Corporation	PE # 70592 EB # 3538	 <p align="right">Sealed: 12/11/2017</p>			