



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 25670

Date: 02/02/2021

Detailed Product Description:

Manufacturer: ECO WINDOW SYSTEMS, LLC

Manufacturer Address: 8502 NW 80 STREET, MEDLEY FL 33166

Model Name: SERIES "250" HEAVY DUTY HORIZONTAL ROLLING WINDOW

Maximum Load: +80 PSF, -90 PSF (Large Missile Impact)

Installation Drawings # 18-38F

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	Fenestration Testing Laboratory, Inc	11/28/2017	FTL-9830	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	3/31/2020 3/6/2020 12/8/2020	HETI-20-8015 HETI-20-8032 HETI-20-8100	Rafael E. Droz-Seda, P.E.
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc	11/28/2017	FTL-9830	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	3/31/2020 3/6/2020 12/8/2020	HETI-20-8015 HETI-20-8032 HETI-20-8100	Rafael E. Droz-Seda, P.E.
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	11/28/2017	FTL-9830	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	3/31/2020 3/6/2020 12/8/2020	HETI-20-8015 HETI-20-8032 HETI-20-8100	Rafael E. Droz-Seda, P.E.
ASTM F588	Forced Entry Test	Fenestration Testing Laboratory, Inc	11/28/2017	FTL-9830	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	3/31/2020	HETI-20-8015	Rafael E. Droz-Seda, 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 ASTME1886/1996	Large Missile Impact & Cyclic	Fenestration Testing Laboratory, Inc	11/28/2017	FTL-9830	Idalmis Ortega, P.E.
		Hurricane Engineering & Testing Inc.	3/5/2020	HETI-20-8029	Rafael E. Droz-Seda, P.E.
			2/18/2020	HETI-20-8017	
			3/4/2020	HETI-20-8027	
			3/4/2020	HETI-20-8028	
			3/6/2020	HETI-20-8032	
			12/8/2020	HETI-20-8100	
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 2020 Florida Building Code.					
Evaluation Report Engineer:					
Jalal Farooq Al-Farooq Corporation		PE # 81223 EB # 3538		 Sealed: 2/15/2021	