



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 80TH STREET, MEDLEY, FL 33166

Model Name: SERIES 250 HEAVY DUTY HORIZONTAL ROLLING WINDOW

Maximum Load: +80 PSF, -135 PSF (Small Missile Impact)

Installation Drawings # W17-110

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 Lab, Inc. Hurricane Engineering & Testing Inc.	11/28/2017 01/28/2020 03/31/2020 03/06/2020 12/07/2020 12/08/2020	FTL-9830 FTL-10967 HETI-20-8015 HETI-20-8032 HETI-20-8098 HETI-20-8100	Idalmis Ortega, PE Rafael E. Droz-Seda, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Lab, Inc. Hurricane Engineering & Testing Inc.	11/28/2017 01/28/2020 03/31/2020 03/06/2020 12/07/2020 12/08/2020	FTL-9830 FTL-10967 HETI-20-8015 HETI-20-8032 HETI-20-8098 HETI-20-8100	Idalmis Ortega, PE Rafael E. Droz-Seda, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Lab, Inc. Hurricane Engineering & Testing Inc.	11/28/2017 01/28/2020 03/31/2020 03/06/2020 03/26/2020 12/07/2020 12/08/2020	FTL-9830 FTL-10967 HETI-20-8015 HETI-20-8032 HETI-20-8040 HETI-20-8098 HETI-20-8100	Idalmis Ortega, PE Rafael E. Droz-Seda, PE
ASTM F588	Forced Entry Test	Fenestration Testing Lab, Inc. Hurricane Engineering & Testing Inc.	11/28/2017 1/28/2020 03/31/2020	FTL-9830 FTL-10967 HETI-20-8015	Idalmis Ortega, PE Rafael E. Droz-Seda, 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 1626.3 TAS 201 & 203 ASTM E1886/1996	Small Missile Impact & Cyclic	Fenestration Testing Lab, Inc. Hurricane Engineering & Testing Inc.	11/28/2017	FTL-9830	Idalmis Ortega, PE
			01/28/2020	FTL-10967	Rafael E. Droz-Seda, PE
			03/05/2020	HETI-20-8029	
			03/05/2020	HETI-20-8030	
			02/18/2020	HETI-20-8017	
			03/04/2020	HETI-20-8027	
			03/04/2020	HETI-20-8028	
			03/06/2020	HETI-20-8032	
			03/26/2020	HETI-20-8040	
			12/07/2020	HETI-20-8098	
			12/08/2020	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			Sealed: 2/15/2021		
EB # 3538					