



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

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

FL 20692

Date: 08/22/2024

Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC.

Manufacturer Address: 3550 N.W. 49 STREET – MIAMI, FL. 33142

Model Name: SERIES “ES-P252” THERMAL ALUMINUM CASEMENT WINDOW

Maximum Load: +95 PSF, -105 PSF (Small Missile Impact)

Installation Drawings # W16-47

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 <u> </u> Yes <u> </u> <u>X</u> 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	04/14/2016 07/23/2020	FTL-7798 FTL-12064	Idalmis Ortega PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing Laboratory, Inc	04/14/2016 07/23/2020	FTL-7798 FTL-12064	Idalmis Ortega PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing Laboratory, Inc	04/14/2016 07/23/2020	FTL-7798 FTL-12064	Idalmis Ortega PE
		Blackwater Technical Services Inc	08/28/2024	BT-ESW-23-044	Michael Caldwell PE
ASTM F588	Forced Entry	Fenestration Testing Laboratory, Inc	04/14/2016 07/23/2020	FTL-7798 FTL-12064	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 1626.3 TAS 201 & 203 ASTM E1886/1996	Small Missile Impact & Cyclic	Fenestration Testing Laboratory,	04/14/2016 07/23/2020	FTL-7798 FTL-12064	Idalmis Ortega PE
		Blackwater Technical Services	08/28/2024	BT-ESW-23-044	Michael Caldwell 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 2023 Florida Building Code.					
Evaluation Report Engineer:					
Jalal Farooq Al-Farooq Corporation			Sealed: 8/28/2024		

