



PRODUCT EVALUATION REPORT

- Florida Building Code - 8th Edition (2023) -
Per Rule 61G20-3 / Method 1 - D

FL #: **47213**

DATE: 12/19/2024

Product Description

Manufacturer: ECO WINDOW SYSTEMS, LLC
Address: 8502 NW 80th St #103, Medley, FL 33166
Model Name: ECO-NOVO Series 175 Single Hung Window System
Maximum Load: +70.0 PSF / -70.0 PSF (Large & Small Missile Impact)
Drawing No.: JA-2042-24, dated: 12-19-24, signed and sealed by Javad Ahmad, P.E. - FL License No. 70592

This product COMPLIES with the 2023 Florida Building Code - 8th Edition (2023 FBC) for use within and outside the High-Velocity Hurricane Zone (HVHZ) per TAS 201/202/203.

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 501 / 101 / I.S.2 / NAFS / TAS 202)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
ASTM E283	Air Infiltration Leakage	QAI Laboratories Miami, FL - USA	12/11/2023	13861	Idalmis Ortega, PE
TAS 202	Wind Loads - Impact & Non-impact Resistant Building Envelope Components	QAI Laboratories Miami, FL - USA	12/11/2023	13861	Idalmis Ortega, PE
ASTM E331	Water Infiltration	QAI Laboratories Miami, FL - USA	12/11/2023	13861	Idalmis Ortega, PE
ASTM F588	Forced Entry Resistance	QAI Laboratories Miami, FL - USA	12/11/2023	13861	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
TAS 201-94	Impact Test (Large Missile Impact)	QAI Laboratories Miami, FL - USA	12/11/2023	13861	Idalmis Ortega, PE
TAS 203-94	Cyclic Wind Pressure Load	QAI Laboratories Miami, FL - USA	12/11/2023	13861	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 2023 Florida Building Code - 8th Edition (2023 FBC).

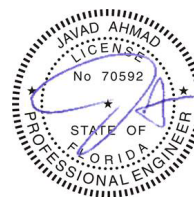
Evaluation Report Engineer:

Javad Ahmad, PE

FL P.E.# 70592

EB C.A.N. # 34254

JAVAD AHMAD PE, Inc.



Sealed:
12/19/2024

7875 NW 12 Street, Suite 102, Doral, FL 33126