

**PRODUCT EVALUATION REPORT****- Florida Building Code - 8th Edition (2023) -****Per Rule 61G20-3 / Method 1 - D****FL #:** 40528.1**DATE:** 02/08/2024**Product Description**

**Manufacturer:** ENVIRALUM INDUSTRIES INC.  
**Address:** 5110 NW 72 Ave. Bldg C. Miami, FL 33166  
**Model Name:** Series ENV-3515 Fixed Window - L.M.I. & S.M.I.  
**Maximum Load:** +75 PSF / -75 PSF (Large & Small Missile Impact)  
**Drawing No.:** JA-1695-23 dated: 11-21-23, signed and sealed by Javad Ahmad, PE. FL License No. 70592

This product COMPLIES with the 2023 Florida Building Code - 8th Edition (2023 FBC) for use in 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

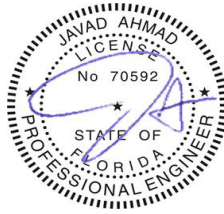
**Mandatory Tests (Tested in accordance with AAMA 501 / 101 / I.S.2 / NAFS / TAS 202)**

| TEST       | DESCRIPTION                                   | TEST LOCATION                       | TEST REPORT DATE | TEST REPORT # | TEST SEALED BY          |
|------------|-----------------------------------------------|-------------------------------------|------------------|---------------|-------------------------|
| TAS 202-94 | Uniform Static Test                           | Blackwater Testing, Inc. - FL 33413 | 09/09/2021       | BT-ENI-20-001 | Constantin Bortes, P.E. |
| ASTM E283  | Air Infiltration Leakage                      | Blackwater Testing, Inc. - FL 33413 | 09/09/2021       | BT-ENI-20-001 | Constantin Bortes, P.E. |
| ASTM E331  | Water Penetration by Static Air Pressure Dif. | Blackwater Testing, Inc. - FL 33413 | 09/09/2021       | BT-ENI-20-001 | Constantin Bortes, P.E. |
| ASTM F588  | Forced Entry Resistance                       | Blackwater Testing, Inc. - FL 33413 | 09/09/2021       | BT-ENI-20-001 | Constantin Bortes, 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          |
|------------|---------------------------|-------------------------------------|------------------|---------------|-------------------------|
| TAS 201-94 | Large Missile Impact      | Blackwater Testing, Inc. - FL 33413 | 09/09/2021       | BT-ENI-20-001 | Constantin Bortes, P.E. |
| TAS 203-94 | Cyclic Wind Pressure Load | Blackwater Testing, Inc. - FL 33413 | 09/09/2021       | BT-ENI-20-001 | Constantin Bortes, P.E. |

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).



Sealed: 02/08/2024

**Evaluation Report Engineer:****Javad Ahmad, PE**

FL P.E.# 70592

EB C.A.N. # 34254

JAVAD AHMAD PE, Inc