EQUIVALENCE OF PRODUCT STANDARDS

▪ Florida Building Code - 8th Edition (2023) ▪
Per Rule 61G20-3.015 / Method 5-d

Manufacturer:	ENVIRALUM INDUSTRIES INC.
Address:	5110 NW 72 Ave. Bldg C. Miami, FL 33166

FL #:	**Product Name/ Model/Description:**
41728.1	Series ENV-750 Window Wall System - L.M.I. & S.M.I.

Product Test Reports:

TEST LOCATION	DATE	TEST REPORT #
Blackwater Testing, Inc. - FL 33413	10/19/2022	BT-ENI-21-001

Performance Testing:

- TAS 201-94 (Large and Small Missile Impact Test)
- TAS 202-94 (Uniform Static Air Pressure Test)
- TAS 203-94 (Cyclic Wind Pressure Loading)

Florida Building Code - 8th Edition (2023) – Requirements for testing to AAMA 501

Section 1709.8.4: *Glazed curtain wall, window wall and storefront systems shall be tested in accordance with the requirements of this section and the laboratory test requirements of the American Architectural Manufacturers Association (AAMA) Standard 501, HVHZ shall comply with Section 2411.3.2.1.1.*
Section 2411.3.2.1.1: *Glazed curtain wall, window wall and storefront systems shall be tested in accordance with the requirements of this section and the laboratory test requirements of the American Architectural Manufacturers Association (AAMA) Standard 501, following test load sequence and test load duration in TAS 202.*

Conformance to AAMA 501-15:

- This Product Approval is intended for use in the HVHZ per TAS 201/202/203.
- This product was tested to meet HVHZ requirements.
- Therefore, Section 2411.3.2.1.1 governs with regards to load sequence and test load duration in TAS 202.
- All other requirements of Section 1709.8.4 must be met.
- This product was tested in accordance with TAS 202 and its required load sequencing, as referred to in the Test Reports listed above.
- Laboratory Test requirements in AAMA 501-15 include sections listed as "Required" and as "Optional". They are:

  Required: All required testing performed and documented in the Test Reports listed above demonstrate compliance with Section 1709.8.4 and Section 2411.3.2.1.1.
  - Section 2.1 - Test Load Sequence
  - Section 2.2 - Preload Test at 50% DP
  - Section 2.3 - ASTM E283 Air Leakage
  - Section 2.4 - ASTM E331 Water Penetration
  - Section 2.9 - ASTM E330 Testing
  - Section 2.10 - ASTM E331 Water Resistance Repeated
  - Section 2.11 - ASTM E330 at 150% DP

  All the above tests in TAS 202 were performed in accordance with the standard requirements as documented in the Test Reports listed above.

Optional: The following sections in AAMA 501-15 are listed as optional and were not performed.

- Section 2.5
- Section 2.6
- Section 2.7
- Section 2.8
- Section 2.12
- Section 2.13
- Section 2.14
- Section 2.15

Certification of Equivalence: As the design engineer responsible for preparing the Product Approval(s) associated with this letter, the purpose of this letter is to state that the standard AAMA 501-15 is applicable and based on the above evaluation, the Laboratory Test requirements of the American Architectural Manufacturers Association (AAMA) Standard 501 with HVHZ complying with Section 1709.8.4 and Section 2411.3.2.1.1 of the 8th Edition of the Florida Building Code (2023 FBC) have been met by the testing documented in Test Reports listed above.

Sincerely,

JAVAD AHMAD
LICENSE
No 70592
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sealed: 01-18-2024

Javad Ahmad, PE
FL P.E.# 70592
EB C.A.N.# 34254