



Date: 06.19.2026

To: JDC Aluminum of Tampa, Inc.
4166 Rice Road
Plant City, FL 33566

Re: FL47882 - Certification of Equivalence
Product Category: Panel Walls
Subcategory: Curtainwall
Series/Model: CW251 Aluminum Curtain Wall System (dry glazed)

Code:
8th Edition 2023 Florida Building Code, inclusive of all Supplements effective as of this report date

Compliance Method Declaration:

Method 1, Option D evaluation

Compliance:

The above listed products have been shown to demonstrate compliance with the 2023 Florida Building Code and with the Florida Department of Business and Professional Regulation for Statewide Product Approval as per Rule 61G20-3.

Certification of Equivalence:

The following testing standards, although not explicitly referenced within the above-noted building code, are hereby deemed equivalent for the purposes of determining this product's compliance with the above-noted building code: **AAMA 501-24**

Equivalency Evaluation AAMA 501-15 (adopted by FBC) VS AAMA 501-24 (per test report PRI2420597):

A clause-by-clause engineering comparison reveals that the testing sequence and structural load conditioning mandated by AAMA 501-24 are fully equivalent to, or exceed, the baseline metrics established in AAMA 501-15.

The preliminary conditioning phase under AAMA 501-15 Sections 2.1 and 2.2, which requires structural preloading at 50% of the design pressure, remains fully intact under the AAMA 501-24 framework, ensuring that the system's joints and anchors are seated under identical initial stresses.

For environmental air infiltration and static water penetration resistance, AAMA 501-24 utilizes the same foundational ASTM E283 and ASTM E331 testing protocols as AAMA 501-15. However, the 2024 edition introduces stricter laboratory instrumentation calibration tolerances and establishes rigid, standardized pass/fail metrics that eliminate localized field-interpretation variances, thereby exceeding the baseline data reliability of the 2015 standard.

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Structurally, AAMA 501-24 matches the ASTM E330 uniform load criteria of AAMA 501-15 but updates its internal performance definitions to align with modern ASCE 7-22 wind velocity maps and component/cladding pressure calculations, yielding a more rigorous structural analysis.

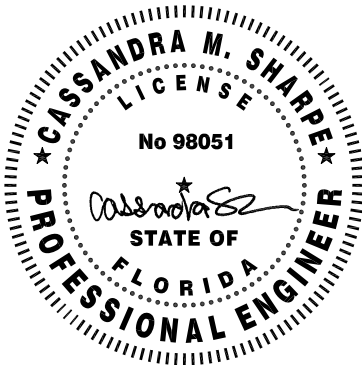
Finally, the post-load repeat water infiltration evaluation and the ultimate structural proof-load verification at 150% design pressure are executed identically across both standards. This preserves the 1.5 safety factor margin required by the Florida Building Code, confirming that testing under AAMA 501-24 provides an equal or greater level of life safety and structural validation.

Conclusion

Under close engineering scrutiny, the **AAMA 501-24** protocol evaluates building envelope products at an equal or higher structural state than **AAMA 501-15**. It incorporates modern load definitions that reflect current regional safety mandates. Therefore, it is the recommendation of this office that the submitted test data be fully accepted by the Validator and the Florida Building Commission under Method 1, Option D.

Respectfully Submitted,

Cassandra Sharpe, P.E.



06/19/2026