

EQUIVALENCY OF STANDARDS EVALUATION

<u>Product Manufacturer:</u> CT WINDOWS LLC 9195 Boggy creek RD suite #1 Orlando, FL 32824	<u>Product Name/Model & Description:</u> <i>Series 400 thermal casement window non impact</i>
--	---

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

Compliance Method: Product Approval Rule 61G20-3.015(5)(d) – Equivalency of Standards

Certification of Equivalence: The testing standards listed below, 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:

Product Testing and Certification:

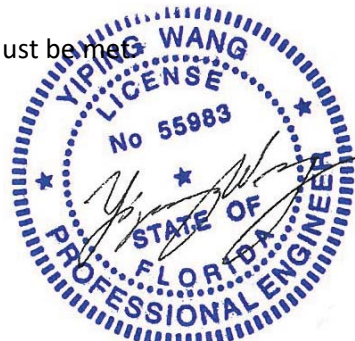
- National Certified Testing Laboratories - test report #NCTL-210-4229-01

Performance Testing:

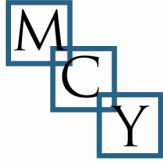
- ASTM E330 (Static load test)
- ASTM E283 (Air infiltration test)
- ASTM E331 (Water infiltration test)
- ASTM E547 (Water resistance test)

Equivalency Evaluation to AAMA/WDMA/CSA101/I.S.2/A440-08:

- Code Requirements for testing to AAMA/WDMA/CSA101/I.S.2/A440-08:
 - Section 1709.5.1 of the Florida Building Code requires exterior windows and sliding doors to be tested in accordance with the requirements of that section and the Laboratory Test requirements of AAMA/WDMA/CSA101/I.S.2/A440 or TAS 202 (HVHZ shall comply with TAS 202 and ASTM E1300 or Section 2404).
 - This product is NOT tested to HVHZ requirements. Product approval is NOT for HVHZ.
 - All other requirements of Section 1709.5.1 must be met.



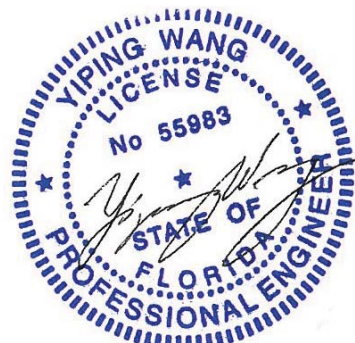
November 16th, 2023



- Conformance to **AAMA/WDMA/CSA101/I.S.2/A440-08.**
 - Laboratory Test requirements in AAMA/WDMA/CSA101/I.S.2/A440-08 include sections listed below:
 - Section 5.3.2 - ASTM E283 Air Leakage
 - Section 5.3.3 - ASTM E331 Water Penetration
 - Section 5.3.3 - ASTM E547 Water Penetration
 - Section 5.3.4 - ASTM E330 at 150% DP

All above tests in ASTM were performed in accordance with the standard requirements as documented in all test reports listed above.

- Conclusion
 - Based on the above evaluation, the Laboratory Test requirements of AAMA/WDMA/CSA101/I.S.2/A440-08 complying with Section 1709.5.1 of the 8th Edition Florida Building Code (2023) have been met by the testing documented listed above.



November 16th, 2023