

EQUIVALENCY EVALUATION REPORT	
Project No.: ACE-2024-210	Report No.: EER-ACE-1118, Rev. 0

Product Description: Series 700 Single-Hung Impact Window, Impact, Non-HVHZ

Product Manufacturer: MP Windows, Inc., 407 River Heights Circle, Anderson, SC 29621

Code Compliance Statement: This report evaluates the fenestration product(s) listed above to the requirements of FAC Product Approval Rule 61G20-3.005. This product complies with the requirements of the 8th Edition (2023) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ) per the product testing standards listed below and their equivalent standards in the 8th Edition (2023) FBC.

Compliance Method: Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

EQUIVALENCY EVALUATION REPORT Documentation/References:

1. Test Report by NATIONAL CERTIFIED TESTING LABORATORIES, 8350 PARKLINE BLVD. STE. 12, ORLANDO, FLORIDA 32809
 - a. Test Report No. NCTL-210-3726-2A, Series 700 Single-Hung Impact Window (Dry Glazed)
 - i. Test Standards
 1. AAMA/WDMA/CSA 101/I.S.2/A440-05
 2. ASTM E1886-02/05
 3. ASTM E1996-02/05
 - ii. Specimen
 1. 54" x 76" OX (envelopes XO)
 - iii. Design Pressure
 1. +/- 60 psf for all specimens
 - iv. Wind Zone 4

Component Certification and Code Conformance:

- Kuraray America Inc. SentryGlas interlayer code conformance per the currently issued Miami-Dade Notice of Acceptance (NOA) component approval to the 8th Edition (2023) Florida Building Code. See Miami-Dade NOA listing [here](#).

Performance Testing Standards (See Documentation section above for test report listings):

- AAMA/WDMA/CSA 101/I.S.2/A440-05
- ASTM E1886-02/05
- ASTM E1996-02/05

Performance Testing Equivalency Evaluation per Product Approval Rule 61G20-3.015(4)(d):

Test Report Ref. No.	Testing Standards Used		Testing Standards Required by 8 th Edition (2023) Edition of the Florida Building Code		Comments
	ASTM Designation	Year	FBC	FRC	
1	AAMA/WDMA/CSA 101/I.S.2/A440	05	08	08	See EVALUATION CONCLUSION below.
	ASTM E1886	02/05	13A	13A	
	ASTM E1996	02/05	17	17	

- All ASTM listed performance testing standards used in testing and listed above have been compared to those required in the 8th Edition (2023) Florida Building Code – Building and Residential Volumes and found to be acceptable and in conformance.
- WDMA TECHNICAL BULLETIN (TB) 2019-01, Equivalency of Editions of ASTM E1996 and ASTM E1886 has been used in this evaluation.
- Review of ASTM E1996-02/05 has been compared to ASTM E1996-08 which was determined in WDMA TB 2019-01 to be comparable to ASTM E1996-17.
- ASTM E1996-17 now organizes Wind Zone 4 testing in a non-mandatory appendix. Testing was conducted to Wind Zone 4 requirements and meets those requirements in ASTM E1996-17, Appendix X.4.

Certificate of Independence per Product Approval Rule 61G20-3.009

Robert J. Amoruso, P.E., does not have, nor will he acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

Robert J. Amoruso, P.E., does not have, nor will he acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



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Amoruso
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Evaluated by:
Robert J. Amoruso, P.E.
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