

Equivalency Evaluation Report	
Project No.: ACE-2025-131	Report No.: ACE-EER-1171, Rev. 1

Product Manufacturer: Regency Plus Incorporated, 2000 Locust Gap Highway, Mount Carmel, PA 17851

Product Name, Model and/or Description:

- Series 5210 Vinyl XX Outswing Casement Window, HVHZ, Impact
- Series 5215 Vinyl XOX Outswing Casement Window, HVHZ, Impact

Florida Product Approval No.: FL48186

Code: Current Edition of the Florida Building Code including the 9th Edition (2026) Florida Building Code

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

Documentation:

1. Installation Drawings
 - a. Drawing No. RPLS0088-FPAS, Rev. A, *Series 5215 Vinyl XOX Outswing Casement Window, HVHZ, Impact*, signed and sealed by Robert J. Amoruso, PE.
 - i. This drawing is in conformance with the 9th Edition (2026) Florida Building Code including the High Velocity Hurricane Zone (HVHZ).
 - b. Drawing No. RPLS0089-FPAS, Rev. A, *Series 5210 Vinyl XX Outswing Casement Window, HVHZ, Impact*, signed and sealed by Robert J. Amoruso, PE.
 - i. This drawing is in conformance with the 9th Edition (2026) Florida Building Code including the High Velocity Hurricane Zone (HVHZ).
2. Test Reports by Molima, LLC, 1410 Eden Road, York, PA 17402
 - a. Series 5215 Vinyl XOX Outswing Casement Window, HVHZ
 - i. TAS 201, TAS 202 and TAS 203. See Test Report No. 31512.03-106-13-R2, dated 4/15/26, signed and sealed by Michael D. Stemmle, FL P.E. TAS 201/202/203 testing per 2023 FBC.
 - ii. AAMA/WDMA/CSA 101/I.S.2/A440-2022/2017. See Test Report No. 31512.01-106-11-R2, dated 4/15/26.
 - iii. ASTM E1886-19 and ASTM E1996-20. See Test Report No. 31512.02-106-11-R2, dated 4/15/26.
 - b. Series 5210 Vinyl XX Outswing Casement Window, HVHZ, Impact
 - i. TAS 201, TAS 202 and TAS 203. See Test Report No. 31511.03-106-13-R2, dated 4/15/26, signed and sealed by Michael D. Stemmle, FL P.E. TAS 201/202/203 testing per 2023 FBC.
 - ii. AAMA/WDMA/CSA 101/I.S.2/A440-2022/2017. See Test Report No. 31511.01-106-11-R2, dated 4/15/26.

- iii. ASTM E1886-19 and ASTM E1996-20. See Test Report No. 31511.02-106-11-R2, dated 4/15/26.

Performance Testing: Performance Standards used in testing:

- AAMA/WDMA/CSA 101/I.S.2/A440-17 and 22
- ASTM E1886-19
- ASTM E1996-20
- TAS 201-94, TAS 202-94 and TAS 203-94 per the 2023 FBC

Component Approvals:

The following MD NOA component approvals applicable to this product approval have been reviewed and found to meet the requirements of the 9th Edition (2026) Florida Building Code.

- Extruded rigid PVC by Vision Extrusions Group Limited per current Miami-Dade NOA to the current edition of the Florida Building Code. See Miami-Dade NOA listing [here](#).
- Kuraray America Trosifol PVB interlayer code conformance per current Miami-Dade NOA to the current edition of the Florida Building Code. See Miami-Dade NOA listing [here](#).

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

Performance Testing

The following table shows the performance standards used in testing and those in the current edition of the FBC.

Standard Used in Testing		Current Edition of the Florida Building Code including the 9th Edition (2026) Florida Building Code		Comments
Description	Revision Level	Building Volume (FBC)	Residential Volume (FRC)	
TAS 201	94 (2023 FBC)	94	94	See Evaluation Below
TAS 202	94 (2023 FBC)	94	94	
TAS 203	94 (2023 FBC)	94	94	
AAMA/WDMA/CSA 101/I.S. 2/A440	17 & 22	17 & 22	17 & 22	
ASTM E1886	19	19	19	
ASTM E1996	20	20	20	

TAS 201, TAS 202 & TAS 203: It has been concluded that no material or substantive revisions or changes to these referenced standards have occurred (where applicable) that affect the results of design, testing or engineering of the approved product(s).

AAMA and/or ASTM's Listed Above: AAMA and ASTM standards listed above are contained in the 2026 FBC and 2026 FRC.

Wind Zone 4 impact resistance testing: ASTM E1996-14 moved Wind Zone 4 criteria to the non-mandatory appendix. As indicated in Appendix X4.1, ASTM E1996-20, the Wind Zone 4 requirement, though non-mandatory, is still present and may be specified when needed to meet specific building codes requirements. Those requirements are detailed in Chapter 16 of the Florida Building Code. Based on a review of the test reports, those parameters are met.

**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.



Digitally signed
by Robert J
Amoruso
Date:
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Evaluated by:
Robert J. Amoruso, P.E.
FL PE License No. 49752