Amoruso Consulting Engineering, LLC
FBPE Registration No. 38327
Robert J. Amoruso, FL P.E. No. 49752

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Equivalency Evaluation Report	
Project No.: ACE-2025-131	**Report No.:** ACE-EER-1185, Rev. 0

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

Product Name, Model and/or Description:

- Series 6814 Impact Vinyl Tilt Double Hung Window

Florida Product Approval No.: FL17407

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

Product Name, Model and/or Designation; Test Report No. and Installation Drawing No.:

- Series 6814 Impact Vinyl Tilt Double Hung Window
  - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA
    - Test Report No. NCTL-110-17044-1 dated 9/30/14, AAMA/WDMA/CSA 101/I.S.2/A440-05/08/11.
    - Test Report No. NCTL-110-17044-2 dated 9/30/14, ASTM E1886-02/04/05/13a and ASTM E1996-02/04/06/09/12a.
  - Drawing No. RPLS0067, Rev. A, dated 7/28/26, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752

Performance Testing: Performance Standards used in testing:

- AAMA/WDMA/CSA 101/I.S.2/A440-05
- AAMA/WDMA/CSA 101/I.S.2/A440-08
- AAMA/WDMA/CSA 101/I.S.2/A440-11
- ASTM E1886-02/04/05/13a
- ASTM E1996-02/04/06/09/12a

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)	
AAMA/WDMA/CSA 101/I.S. 2/A440	05	11	11	See Evaluation Below
AAMA/WDMA/CSA 101/I.S. 2/A440	08	11	11	
AAMA/WDMA/CSA 101/I.S. 2/A440	11	11	11	
ASTM E1886	02/04/05/13a	13a	13a	
ASTM E1996	02/04/06/09/12a	17	17	

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

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 E1996-17 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.

All other test standards are listed in the 9th Edition (2026) Florida Building Code.

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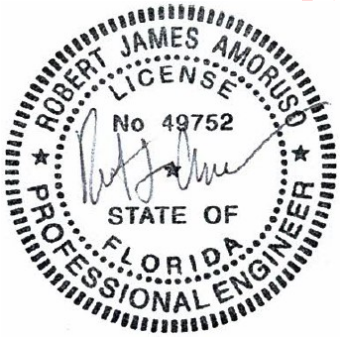
Certificate of Independence per Product Approval Rule 61G20-3.009

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: 2026.08.25 10:15:20 -04'00'

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