

Product Evaluation Report	
Project No.: ACE-2025-131	Report No.: ACE-PER-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 61G20-3.005(1)(a) – Certification Mark or Listing

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

Engineering Analysis & Evaluation:

- Anchorage engineering in accordance with the current edition of the Florida Building Code for Series 6814 Impact Vinyl Tilt Double Hung Window signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752.
- Frame Profile Substitution per Comparative Analysis Report No. 2594-8, Rev. 0, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752.
 - Evaluation formed basis for NAMI Waiver of Retest for frame profile substitution.

Component Approvals: Extrusion and Impact interlayer code conformance based on the following.

- 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](#).

Performance 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

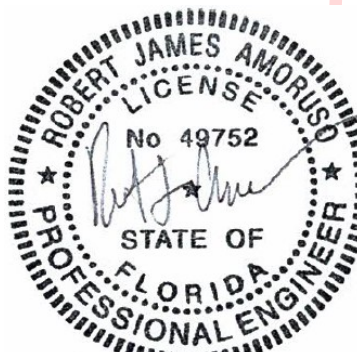
Limitations & Conditions of Use:

- This product has not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- This product will not require an approved impact protective system when used in wind borne debris regions.
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to substrate structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

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
10:15:07 -04'00'**

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