

# Product Evaluation Report

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## Product Manufacturer

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

## Product Name, Model and/or Description

8313 Vinyl Tilt Double Hung Window

**Code:** Current Edition of the Florida Building Code including the 8th Edition (2023) 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.:**

- 8313 Vinyl Tilt Double Hung Window
  - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA.
    - NCTL-110-21524-2. AAMA/WDMA/CSA 101/I.S.2/A440-11
  - PTC Product Design Group Drawing No. RPLS0076, Rev. A, dated 5/31/23, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752

## **Engineering Analysis & Evaluation:**

- Anchorage engineering (PTC Calc No. 2579-Calc) in accordance with the current edition of the Florida Building Code for 8313 Vinyl Tilt Double Hung Window signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752.
- Frame Profile Substitution per PTC Product Design Group Comparative Analysis Report No. 2594-13, 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 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](#).

## **Performance Testing:**

- Performance Standards used in testing:
  - AAMA/WDMA/CSA 101/I.S.2/A440-11

## **Limitations & Conditions of Use:**

- This product has not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- This product will 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.



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- 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

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

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Evaluated By:  
Robert J. Amoruso, P.E.  
FL P.E. License Number 49752

