Product Evaluation Report

Product Manufacturer	Product Name, Model and/or Description
Regency Plus Incorporated 2000 Locust Gap Highway Mount Carmel, PA 17851	2000 Vinyl Casement Window 5205 Impact Vinyl Casement Window

Florida Product Approval No.: FL11410

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.:

- 2000 Vinyl Casement Window
  - Test reports and associated laboratory drawings by National Certified Testing Laboratories, Orlando, FL signed and sealed by Barry Portnoy, P.E.
    - NCTL-210-2747-2, AAMA/NWWDA 101/I.S.2-97, dated 12/7/01
  - PTC Product Design Group Drawing No. RPLS0051, Rev. B, dated 1/22/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752
- 5205 Impact Vinyl Casement Window
  - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA signed and sealed by Howard Rupp, P.E.
    - NCTL-110-9697-1, TAS-201-94, TAS 202-94 and TAS 203-94, dated 10/05/05
  - PTC Product Design Group Drawing No. RPLS0052, Rev. C, dated 1/22/18, 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 2000 and 5205 Vinyl Casement 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. 2594-2, 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:

- Performance Standards used in testing:
  - AAMA/NWWDA 101/I.S.2-97
  - TAS-201-94, TAS 202-94 and TAS 203-94

Limitations & Conditions of Use:

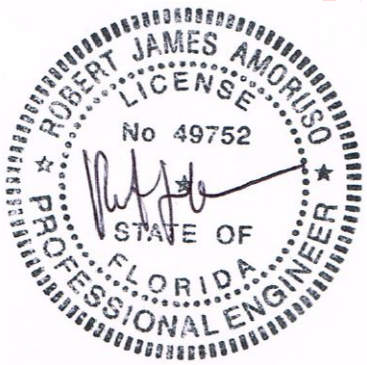
- 2000 Vinyl Casement Window
  - This product has not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
  - This product will require an approved impact protective system when used in wind borne debris regions.

- 5205 Impact Vinyl Casement Window
  - This product has 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

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.

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will 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
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Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752