

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

3000/4000 Vinyl Fixed Window
5105 Impact Vinyl Fixed Window
5108 Impact Vinyl Fixed Window
5110 Impact Vinyl Fixed Window
6613 Impact Vinyl Fixed Window
7113 Vinyl Fixed Window

Florida Product Approval No.: FL11409

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.:

- 3000/4000 Vinyl Fixed Window
 - Test reports and associated laboratory drawings by National Certified Testing Laboratories, Orlando, FL.
 - NCTL-210-2747-1 dated 1/7/02 to AAMA/NWWDA 101/I.S.2-97
 - PTC Product Design Group Drawing No. RPLS0053, Rev. A, dated 1/22/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752
- 5105 Impact Vinyl Fixed Window
 - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA.
 - NCTL-110-9699-1 dated 10/5/05, signed and sealed by Howard E. Rupp, P.E. to TAS 201-94, TAS 202-94 and TAS 203-94.
 - PTC Product Design Group Drawing No. RPLS0054, Rev. A, dated 1/22/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752
- 5108 Impact Vinyl Fixed Window
 - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA.
 - NCTL-110-11363-1 dated 5/15/08 (revised 9/3/08), signed and sealed by Howard E. Rupp, P.E. to TAS 201-94, TAS 202-94 and TAS 203-94.
 - PTC Product Design Group Drawing No. RPLS0059, Rev. A, dated 1/22/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752
- 5110 Impact Vinyl Fixed Window
 - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA.
 - NCTL-110-14747-1 dated 4/12/12, signed and sealed by Robert H. Zeiders, P.E. to TAS 201-94, TAS 202-94 and TAS 203-94.
 - NCTL-110-14747-2 dated 4/12/12 to ASTM E1886-05 and ASTM E1996-02/06/09.
 - PTC Product Design Group Drawing No. RPLS0073, Original Issue, dated 1/11/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752
- 6613 Impact Vinyl Fixed Window
 - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA.
 - NCTL-110-16563-1 dated 10/15/13, signed and sealed by Robert H. Zeiders, P.E. to TAS 201-94, TAS 202-94 and TAS 203-94.
 - NCTL-110-16563-2 dated 10/15/13 to ASTM E1886-04/05 AND ASTM E1996-02/04/06/09/012a.
 - NCTL-110-16563-3 dated 10/15/13 to AAMA/WDMA/CSA 101/I.S. 2/A440-05/08/11.
 - PTC Product Design Group Drawing No. RPLS0074, Original Issue, dated 1/11/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752



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- 7113 Vinyl Fixed Window
 - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA.
 - NCTL-110-15928-1 dated 4/12/03 to AAMA/WDMA/CSA 101/I.S. 2/A440-05/08
 - PTC Product Design Group Drawing No. RPLS0075, Original Issue, dated 1/11/18, 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 3000/4000, 5105, 5108, 5110, 6613 and 7713 Vinyl Horizontal Sliding 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. 2594-1, 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](#).
- Kuraray America SentryGlas (SG) interlayer code conformance per current Miami-Dade NOA to the current edition of the Florida Building Code. See Miami-Dade NOA listing [here](#).
- Eastman Chemical Company (MA) Saflex 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:

- As listed in test report summary above.

Limitations & Conditions of Use:

- 5105, 5108, 5110 and 6613 Impact Vinyl Fixed Window
 - These products have been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
 - These products will not require an approved impact protective system when used in wind borne debris regions.
- 3000/4000 and 7113 Vinyl Fixed Window
 - These products have not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
 - These products 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.

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.

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

