

# 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

7013 Vinyl Horizontal Sliding Window XOX  
7413 Vinyl Horizontal Sliding Window XO  
Tech 5505 Vinyl Horizontal Sliding Window XOX

**Florida Product Approval No.:** FL20130

**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.:**

- 7013 Vinyl Horizontal Sliding Window XOX
  - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA signed and sealed by Robert H. Zeiders, P.E.
    - NCTL-110-15924-1, AAMA/WDMA/CSA 101/I.S.2/A440-05 & 08
  - PTC Product Design Group Drawing No. RPLS0071, First Issue, dated 1/11/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752
- 7413 Vinyl Horizontal Sliding Window XO
  - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA signed and sealed by Robert H. Zeiders, P.E.
    - NCTL-110-15926-1, AAMA/WDMA/CSA 101/I.S.2/A440-05 & 08
  - PTC Product Design Group Drawing No. RPLS0072, First Issue, dated 1/11/18, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752
- Tech 5505 Vinyl Horizontal Sliding Window XOX
  - Test reports and associated laboratory drawings by National Certified Testing Laboratories, York, PA signed and sealed by Harold E. Rupp, P.E.
    - NCTL-110-21458-1, TAS 201-94, TAS 202-94 and TAS 203-94, dated 10/18/18.
  - PTC Product Design Group Drawing No. RPLS0077, Rev. C, dated 5/31/23, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752

**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](#).

**Engineering Analysis & Evaluation:**

- Anchorage engineering in accordance with the current edition of the Florida Building Code for 7013 Vinyl Horizontal Sliding Window XOX & 7413 Vinyl Horizontal Sliding Window XO signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752.
- Anchorage engineering in accordance with the current edition of the Florida Building Code for Tech 5505 Vinyl Horizontal Sliding Window XOX 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. 2594-12, 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.



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## Performance Standards (used in testing):

- AAMA/WDMA/CSA 101/I.S.2/A440-05
- AAMA/WDMA/CSA 101/I.S.2/A440-08
- TAS 201-94, TAS 202-94 and TAS 203-94

## Limitations & Conditions of Use:

- The following product has not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
  - 7013 Vinyl Horizontal Sliding Window XOX
  - 7413 Vinyl Horizontal Sliding Window XO
- The following product has been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
  - Tech 5505 Vinyl Horizontal Sliding Window XOX
- The following product will require an approved impact protective system when used in wind borne debris regions.
  - 7013 Vinyl Horizontal Sliding Window XOX
  - 7413 Vinyl Horizontal Sliding Window XO
- The following product will not require an approved impact protective system when used in wind borne debris regions including the HVHZ.
  - Tech 5505 Vinyl Horizontal Sliding Window XOX
- 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.

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