

Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2518-EER, Rev. 3 | Project No. 422-0616 | 5/31/23 | Page 1 of 3

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 61G20-3.015(4)(d) – Equivalency of Standards

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



Equivalency Evaluation Report

- 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

Performance Testing:

- As listed in test report summary above.

Equivalency Evaluation per Product Approval Rule 61G20-3.015(4)(d):

Performance Testing

The following table shows the performance standards used in testing and those in the current edition of the FBC.

Standard Used in Testing		Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code		Comments
Description	Revision Level	Building Volume (FBC)	Residential Volume (FRC)	
TAS 201	94	94	94	See Evaluation Below
TAS 202	94	94	94	
TAS 203	94	94	94	
AAMA/NWWDA 101/I.S.2-97	97	08	08	
AAMA/WDMA/CSA 101/I.S. 2/A440	05/08/11	11	11	
AAMA/WDMA/CSA 101/I.S. 2/A440	05/08	08	08	
ASTM E1886	04/05	13a	13a	
ASTM E1996	02/04/06/09/012a	14a	14a	

TAS 201, TAS 202 & TAS 203: It has been concluded that no material or substantive revisions or changes to these referenced standards have occurred (where applicable) that affect the results of design, testing or engineering of the approved product(s).

AAMA and/or ASTM’s Listed Above: It has been concluded that no material or substantive revisions or changes to these referenced standards have occurred (where applicable) that affect the results of design, testing or engineering of the approved product(s).

Wind Zone 4 impact resistance testing: ASTM E1996-14 moved Wind Zone 4 criteria to the non-mandatory appendix. As indicated in Appendix X4.1, ASTM E1996-14a the Wind Zone 4 requirement, though non-mandatory, is still present and may be specified when needed to meet specific building codes requirements. Those requirements are detailed in Sections 1609.1.2.2, 1609.1.2.4 and 1609.3 of the Florida Building Code. Based on a review of the test reports, those parameters are met.

All other test standards are as listed in the 8th Edition (2023) Florida Building Code.



Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2518-EER, Rev. 3 | Project No. 422-0616 | 5/31/23 | Page 3 of 3

Component Approvals

The following MD NOA component approvals applicable to this product approval have been reviewed and found to meet the requirements of the 8th Edition (2023) Florida Building Code.

- 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](#).

Certificate of Independence per Product Approval Rule 61G20-3.009

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Evaluated By:
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FL P.E. License Number 49752

