

Evaluation Report IN0547-R3
February 29, 2015

Product Description: Casement Window Series 42-19, X configuration

Manufacturer: Simonton Windows, 1 Cochrane Ave., Pennsboro, WV

Statement of Compliance: This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). This product complies with the requirements of the 5th Edition (2014) Florida Building Code outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

- 1) This report, prepared by Lucas A. Turner, P.E., at 1239 Jabara Ave., North Port, FL
- 2) Installation drawing IN0547-R3, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports B7593.01-501-47-r1 and B7702.01-501-47-r0, from Architectural Testing, Inc., Springdale, PA, E0141.01-109-47-r0, from Architectural Testing, Inc., York, PA, and SIMO-003-03-03, from PRI Construction Materials, Tampa, FL, with testing performed: AAMA/WDMA/CSA 101/I.S.2/A440-05/08, ASTM E1886-05/E1996-09/12
- 4) Supplemental Calculations to support IN0547-R3, signed and sealed by Lucas A. Turner, P.E.
- 5) Test Report ETC-97-264-4091.0, from ETC Laboratories, Rochester, NY, signed and sealed by J. L. Doldan, P.E., report used for PVC extrusion Dade master file #12-1037
 - a. Testing Performed: ASTM D1929-96 Ignition Temperature, ASTM D2843-93 Smoke Density, ASTM D635-96 Rate of Burning, ASTM G26-95 UV Exposure for 4500 hours, ASTM D638-96
- 6) Statement of equivalency of tested flame, smoke, UV, and tensile standards, with those required per 5th Ed. (2014) FBC and Dade Plastics checklist #0445, signed/sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing IN0547-R3.

Limitations of Use: This product:

- May be used in the configurations, product sizes, and with glazing as indicated in IN0547-R3
- Is impact resistant (missile level C, wind zone 2) and does not require the use of shutters in windborne debris regions complying with missile level C, wind zone 2, or lower criteria
- May not be used in the High Velocity Hurricane Zone
- Requires white SimEx, Inc. PVC extrusions with current listing as an AAMA Certified Profile Licensee under AAMA 303

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Simonton Windows or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.



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2/29/2015
Lucas A. Turner, P.E.
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