

Evaluation Report IN0545-R2
March 7, 2016

Product Description: Horizontal Slider Series 42-19, XX 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 61G20-3.005 (4). This product complies with the requirements of the 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 IN0545-R2, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports B7591.01-501-47-r1, B7592.01-501-47-r0, and E0148.01-109-47-r0, from Architectural Testing, Inc., Springdale and York, PA, with testing performed: AAMA/WDMA/CSA 101/I.S.2/A440-05/08, ASTM E1886-05, and ASTM E1996-09/12
- 4) Supplemental Calculations to support IN0545-R2, 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 FBC 2010 and Dade Plastics checklist #0445, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing IN0545-R2.

Limitations of Use: This product:

- May be used in the configuration, DP, product size, and with glazing as indicated in IN0545-R2
- Is large missile 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.
- 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.



LT
3/7/2016
Lucas A. Turner, P.E.
FL PE #58201

Lucas A. Turner
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