

**Evaluation Report DA0013r2**  
September 27, 2017

**Product Description:** Stormbreaker Plus 300VL Impact Resistant PVC Picture (Fixed) Window, O 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 6<sup>th</sup> Edition (2017) Florida Building Code including 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 DA0013r2, signed and sealed by Lucas A. Turner, P.E.
- 3) Current test report B8416.01-501-18, which reaffirms/replaces test report 81187.01-501-18-r1, both reports from Architectural Testing, Inc., Springdale, PA, both signed and sealed by Michael Stremmel, P.E., with testing performed: TAS 201/202/203 1994
- 4) Supplemental Calculations to support DA0013r2, signed and sealed by Lucas A. Turner, P.E.
- 5) Test Report ETC-97-264-4091.0 (report used for PVC extrusion Dade master file), from ETC Laboratories, Rochester, NY, signed and sealed by J. L. Doldan, P.E, with 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 6<sup>th</sup> Ed. (2017) and Dade Plastics checklist #0445, signed/sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to installation drawing DA0013r2.

**Limitations of Use:** This product:

- May be used in the sizes, shapes, and daylight openings as shown in DA0013r2
- Requires 1" overall I.G. consisting of 1/8" or 3/16" tempered inboard, and outboard laminated glass made up of 3/16" annealed – 0.090" Kuraray SGP – 3/16" annealed
- Achieves design pressures of +65/-65 p.s.f.
- Is Large Missile Impact Resistant and does not require the use of shutters
- May 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
- Requires Kuraray SentryGlas Interlayer per Miami-Dade N.O.A. #14-0916.11. I have evaluated the interlayer material in this NOA and find that it complies with the requirements of the 6<sup>th</sup> Ed. (2017) Florida Building Code for use in this product.

**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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9/27/2017  
Lucas A. Turner, P.E.  
FL PE #58201