

Evaluation Report DA0013r3
September 28, 2020

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 7th Edition (2020) Florida Building Code including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

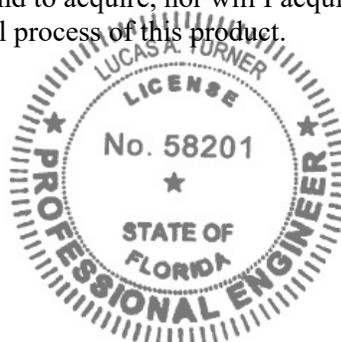
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trace Trl, Camden, TN
- 2) Installation drawing DA0013r3, signed and sealed by Lucas A. Turner, P.E.
- 3) Current test report B8416.01-501-18, which reaffirms/replaces test report 81187.01-501-18-r1, both reports from Architectural 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 DA0013r3, 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 7th Ed. (2020) and Dade Plastics checklist #0445, signed/sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing DA0013r3.

Limitations of Use: This product:

- May be used in the sizes, shapes, and daylight openings as shown in DA0013r3
- 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. #17-0808.02. I have evaluated the interlayer material in this NOA and find that it complies with the requirements of the 7th Ed. (2020) 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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9/28/2020
Lucas A. Turner, P.E.
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