

**Evaluation Report DA0011r5**

December 7, 2020

**Product Description:** Stormbreaker Plus 300VL Impact Resistant PVC Double Hung Window

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

**Technical Documentation:**

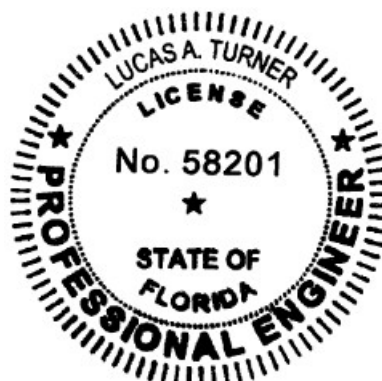
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Installation drawing DA0011r5, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports C8533.01-501-18, D0296.01-501-47, D0965.01-501-47, D3023.01-501-18, and D3024.01-501-18, from Architectural Testing, Inc., Springdale, PA, signed and sealed by Michael D. Stremmel, P.E., with testing performed: TAS 201/202/203 1994, AAMA/WDMA/CSA 101/I.S.2/A440-08
- 4) Supplemental Calculations to support DA0011r5, 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 7<sup>th</sup> Ed. (2020) and Dade Plastics checklist #0445, signed/sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to installation drawing DA0011r5.

**Limitations of Use:** This product:

- May be used in the sizes and Design Pressures as shown in DA0011r5
- Requires 1" overall I.G. consisting of 1/8" tempered outboard, and inboard laminated glass made up of 1/8" annealed – 0.105" Eastman Saflex HP PVB – 1/8" annealed
- 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 in accordance with Technical Documentation 5) and 6) above, with current listing as an AAMA Certified Profile Licensee under AAMA 303
- Requires Eastman (Solutia) Saflex HP PVB Interlayer per Miami-Dade N.O.A. #20-0622.02

**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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12/7/2020  
Lucas A. Turner, P.E.  
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