

Evaluation Report DA0007-R2
January 6, 2015

Product Description: Stormbreaker Plus 300VL (Model 07-09) Impact Resistant PVC Casement Window, Single Unit and Triple Muller Unit

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 Florida Building Code including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

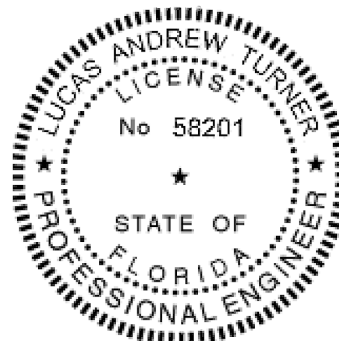
- 1) This report, prepared by Lucas A. Turner, P.E., at 1239 Jabara Ave., North Port, FL
- 2) Installation drawing DA0007-R2, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports 82308.01-501-18 & 83716.01-501-18, from Architectural Testing, Inc., Springdale, PA, signed/sealed by Michael Stremmel, P.E., with testing performed: TAS 201/202/203 1994
- 4) Supplemental Calculations to support DA0007-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, 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 2010 and Dade Plastics checklist #0445, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing DA0007-R2.

Limitations of Use: This product:

- May be used up to 36" wide x 50" high X configuration with design pressures of +/-55, or muller as shown in DA0007-R2 in unit size up to 30" wide x 65" high with design pressures of +/-50, with max. daylight openings as shown in DA0007-R2
- Requires 1" overall I.G. consisting of 1/8" tempered outboard, and inboard laminated glass made up of 1/8" annealed - 0.090" Solutia 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 Sim Ex PVC extrusions in accordance with Technical Doc. 5) and 6) above
- Requires Solutia PVB Interlayer per Miami-Dade N.O.A. # 14-0423.17

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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1/6/2015

Lucas A. Turner, P.E.
FL PE #58201