

Evaluation Report DA0007-R3
November 20, 2017

Product Description: Stormbreaker Plus 300VL (Model 07-09) Impact Resistant PVC Casement Window, Single 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 6th 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 DA0007-R3, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports 82308.01-501-18, 83716.01-501-18, A7016.01-501-47, and B8043.01-501-18, from Architectural Testing, Inc., Springdale, PA (TAS signed/sealed by Michael Stremmel, P.E.), with testing performed: TAS 201/202/203 1994, AAMA/WDMA/CSA 101/LS.2/A440-05/08
- 4) Supplemental Calculations to support DA0007-R3, 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 2017 and Dade Plastics checklist #0445, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing DA0007-R3.

Limitations of Use: This product:

-) May be used up to 36" wide x 50" high X configuration with design pressures of +/-55, with max. daylight openings as shown in DA0007-R3
-) Requires 1" overall I.G. consisting of 1/8" tempered outboard, and inboard laminated glass made up of 1/8" annealed - 0.090" 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 Sim Ex PVC extrusions in accordance with Technical Doc. 5) and 6) above
-) Requires Eastman Saflex HP PVB Interlayer per Miami-Dade N.O.A. # 17-0712.04

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
11/20/2017
Lucas A. Turner, P.E.
FL PE #58201