

**Evaluation Report RM0051r7**  
October 4, 2017

**Product Description:** Stormbreaker Plus 300VL Vinyl Mullions with Large Alum. Reinf.

**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 RM0051r7, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report B8571.01-109-18 from Architectural Testing Inc., York, PA, signed and sealed by Michael D. Stremmel, P.E., with testing performed: TAS 201/202/203 1994
- 4) Supplemental Calculations to support RM0051r7, 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 RM0051r7.

**Limitations of Use:** This product:

- Consists of the Large Vinyl Cover VPI-354 (MP0232) and 6063-T6 Aluminum Large Reinforcement #16991, with anchorage as shown in RM0051r7
- May be used to mull Stormbreaker Plus products up to 53" x 84" unit size.
- Achieves design pressures as shown on sheet 2 of RM0051r7; the lower of the mullion design pressure or applicable design pressures of the mulled windows shall prevail.
- 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

**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  
10/4/2017  
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