

Evaluation Report RM0051r6
April 25, 2015

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 5th Edition (2014) Florida Building Code including the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

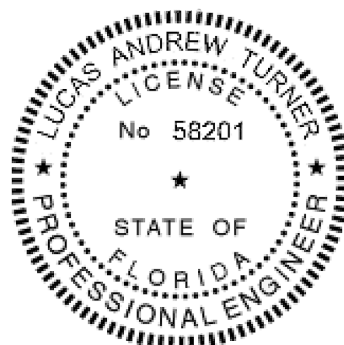
- 1) This report, prepared by Lucas A. Turner, P.E., at 1239 Jabara Ave., North Port, FL
- 2) Installation drawing RM0051r6, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Report B8571.01-109-18 from Architectural Testing Inc., York, PA, signed and sealed by Michael D. Stremmel, P.E., with testing performed: TAS 201/202/203 1994
- 4) Supplemental Calculations to support RM0051r6, 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 5th Ed. (2014) and Dade Plastics checklist #0445, signed/sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing RM0051r6.

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 RM0051r6
- May be used to mull Stormbreaker Plus products up to 53" x 84" unit size.
- Achieves design pressures as shown on sht. 2 of RM0051r6; 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.



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4/25/2015

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