

**Evaluation Report RM0052r4 (Non-HVHZ)**

April 25, 2015

**Product Description:** Stormbreaker Plus 300VL Vinyl Mullions with Medium 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 5<sup>th</sup> Edition (2014) Florida Building Code outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

**Technical Documentation:**

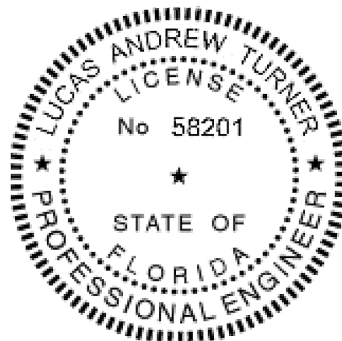
- 1) This report, prepared by Lucas A. Turner, P.E., at 1239 Jabara Ave., North Port, FL
- 2) Installation drawing RM0052r4, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports 83716.01-501-18 from Architectural Testing Inc., Springdale, PA, signed and sealed by Michael D. Stremmel, P.E., with testing performed: TAS 201/202/203 1994
- 4) Supplemental Calculations to support RM0052r4, 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 5<sup>th</sup> Ed. (2014) and Dade Plastics checklist #0445, signed/sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to installation drawing RM0052r4.

**Limitations of Use:** This product:

- Consists of the Medium Vinyl Cover VPI-436 and 6063-T6 Aluminum Medium Reinforcement #20634, with anchorage as shown in RM0052r4
- May be used to mull Stormbreaker Plus products up to 30" x 65" unit size.
- Achieves design pressures of +50/-50 p.s.f. for mullion; the lower of the mullion design pressure or applicable design pressures of the mullied windows shall prevail.
- Is Large Missile Impact Resistant and does not require the use of shutters
- May not be used in the High Velocity Hurricane Zone
- Requires white Sim Ex PVC extrusions as indicated in RM0052r4

**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*

4/25/2015

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