

**Evaluation Report DA0010-R3**

December 14, 2017

**Product Description:** Stormbreaker Plus 300VL Impact Resistant PVC Two-Panel Sliding Patio Door, XO or OX

**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 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 DA0010-R3, signed and sealed by Lucas A. Turner, P.E.
- 3) Architectural Testing Inc. (ATI) Springdale, PA test report C4061.01-501-18, signed and sealed by Michael Stremmel, P.E. with testing performed: TAS 201/202/203 1994, and ATI York, PA test report C6575.01-109-47-r0, with testing performed: AAMA/WDMA/CSA 101/I.S.2/A440-05/08
- 4) Supplemental Calculations to support DA0010-R3, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to installation drawing DA0010-R3.

**Limitations of Use:** This product:

- May be used up to 95.25" wide x 95.25" high OX or XO configuration with design pressures of +/-50 psf, with max. daylight openings as shown in DA0010-R3
- Requires 1" overall I.G. consisting of 3/16" tempered outboard, and inboard laminated glass made up of 3/16" annealed – 0.090" Kuraray SentryGlas Interlayer – 3/16" annealed
- Is Large Missile Impact Resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires Deceuninck PVC extrusions per Miami-Dade N.O.A. #13-1203.02<sup>†</sup>
- Requires Kuraray SentryGlas Interlayer per Miami-Dade N.O.A. #14-0916.11<sup>†</sup>

<sup>†</sup> I have evaluated the interlayer and framing materials in these NOAs and find that they comply with the requirements of the 6<sup>th</sup> Ed. (2017) Florida Building Code for use in this product.

**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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12/14/2017

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