

Evaluation Report FPA-WinForce-SGD-LM-B

October 19, 2023

Product Description: WinForce PVC Sliding Glass Door, Large Missile Impact

Manufacturer: Northeast Building Products, 4280 Aramingo Ave., Philadelphia, PA 19124

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 8th Edition (2023) 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 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing FPA-WinForce-SGD-LM-B, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-4071-01 and -01A, from National Certified Testing Laboratories, Orlando, FL, TAS reports signed and sealed by Gerard J. Ferrara, P.E., with testing performed with equivalency to: AAMA/WDMA/CSA 101/I.S.2/A440-11/17, ASTM E 1886-13a/19, ASTM E 1996-14a/17/20, and TAS 201/202/203-94
- 4) Supplemental Calculations to support FPA-WinForce-SGD-LM-B, signed and sealed by Lucas A. Turner, P.E.

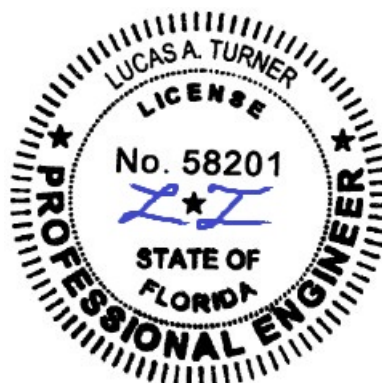
Installation: Units must be installed according to approval document FPA-WinForce-SGD-LM-B.

Limitations of Use: This product:

- May be used in the configurations and sizes as indicated in FPA-WinForce-SGD-LM-B
- Achieves design pressures of +/-70 psf, with 3.285" or 3.785" sill risers
- Is large missile impact resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires glass as indicated in note 5, sheet 1, of FPA-WinForce-SGD-LM-B, with Kuraray Sentryglas interlayer per current Miami-Dade NOA[†]
- Requires Deceuninck white rigid PVC extrusions per current Miami-Dade NOA[†]

[†] I have evaluated these interlayer and framing materials and find that they comply with the requirements of the 8th Ed. (2023) 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 Northeast Building Products 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.



Lucas Turner
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10/19/2023
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