TURNER
ENGINEERING &
CONSULTING, INC.

2428 Old Natchez Trace Trail
Camden, TN 38320
Ph. 941-380-1574
FBPE C.O.A. #29779

Evaluation Report FPA-4760-PW-LM
September 30, 2020

Product Description: WinForce PVC Picture Window (Profile 4760), 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 7th Edition (2020) 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-4760-PW-LM, signed and sealed by Lucas A. Turner, P.E.
3) Test Reports NCTL-210-4064-01, -01A, -02, and -02A, from National Certified Testing Laboratories, Orlando, FL, TAS reports signed and sealed by Gerard J. Ferrara, P.E., with testing performed: AAMA/WDMA/CSA 101/I.S.2/A440-11, ASTM E 1886-05, ASTM E 1996-05/09, TAS 201/202/203-94
4) Supplemental Calculations to support FPA-4760-PW-LM, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document FPA-4760-PW-LM.

Limitations of Use: This product:

- May be used in the configurations and sizes as indicated in FPA-4760-PW-LM
- Achieves design pressures of +/-50 psf, with either fin or flange/equal leg frames
- 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-4760-PW-LM, with Kuraray Trosifol PVB interlayer per NOA 19-0305.02†. Outer lite in I.G. must be tempered when used in HVHZ above 30ft of grade.
- Requires Deceuninck white rigid PVC extrusions per NOA 19-0619.03†.
  † I have evaluated the interlayer and framing materials in these NOAs and find that they comply with the requirements of the 7th Ed. (2020) 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
2020.10.01
11:00:32
-05'00'

LUCAS A. TURNER
LICENSE
No. 58201
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

9/30/2020
Lucas A. Turner, P.E.
FL PE #58201