

Evaluation Report L-1350-1901

October 1, 2020

Product Description: PW-1350 Picture Window, HVHZ/WZ4 Large Missile Impact

Manufacturer: Lawson Industries, Inc., 8501 N.W. 90th St., Medley, FL 33166

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) Installation drawing L-1350-1901, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports NCTL-210-4117-03/03A/03D/03E/03H/03I from National Certified Testing Laboratories, with testing performed: AAMA/WDMA/CSA 101/I.S.2/A440-08/11, ASTM E 1886-05, ASTM E 1996-05/09, and TAS 201/202/203-94
- 4) Supplemental Calculations to support L-1350-1901, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing L-1350-1901.

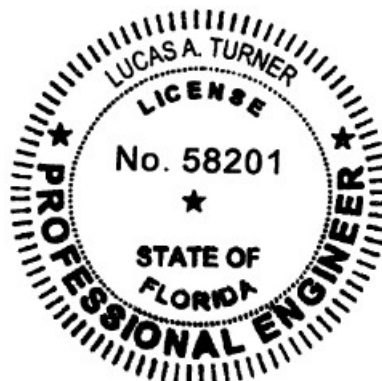
Limitations of Use: This product:

- May be used in the configurations and product sizes with insulated laminated glazing as indicated in L-1350-1901. Outboard lite in I.G. to be fully tempered when used in HVHZ above 30 ft of grade. I.G. spacer required is Quanex Duraseal.
- Is HVHZ large missile (and ASTM level D, wind zone 4) impact rated and does not require the use of impact protective devices in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- Requires Eastman Chemical Company Saflex PVB interlayer in accordance with Miami-Dade NOA #20-0622.01, in 53x63 and 48x76 configurations, and requires Kuraray Sentryglas interlayer in accordance with Miami-Dade NOA #17-0808.02[†], in 120x48 configuration, as indicated in L-1350-1901.
- Requires Quanex / Mikron PVC framing in accordance with Miami-Dade NOA #17-0206.10[†].

[†] I have evaluated the 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 Lawson Industries 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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Lucas A. Turner, P.E.
FL PE #58201