TURNER
ENGINEERING &
CONSULTING, INC.

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

Evaluation Report L-550-2001
October 1, 2020

Product Description: SGD-550 Sliding Glass Door, 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-550-2001, signed and sealed by Lucas A. Turner, P.E.
3) Test Reports NCTL-210-4141-01/01B from National Certified Testing Laboratories, both reports signed/sealed by Douglas J. McDougall, P.E., with testing performed: TAS 201/202/203-94
4) Supplemental Calculations to support L-550-2001, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing L-550-2001.

Limitations of Use: This product:

- May be used in the configurations and product sizes with insulated laminated glazing as indicated in L-550-2001. I.G. spacer required is Quanex Duraseal.
- Is HVHZ large missile 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. With Glass Types as indicated in L-550-2001, Type A requires 0.090" PVB thickness, Type B requires 0.105" PVB thickness.
- Requires Quanex / Mikron PVC framing in accordance with Miami-Dade NOA #17-0206.10. I have evaluated the material in this NOA and find that it complies 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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10/1/2020
Lucas A. Turner, P.E.
FL PE #58201