TURNER
ENGINEERING &
CONSULTING, INC.

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

Evaluation Report L-500-2001
October 1, 2020

Product Description: SGD-500 Sliding Glass Door, Non-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-500-2001, signed and sealed by Lucas A. Turner, P.E.
3) Test Report NCTL-210-4141-01 from National Certified Testing Laboratories, signed/sealed by Douglas J. McDougall, P.E., with testing performed: TAS 202-94
4) Supplemental Calculations to support L-500-2001, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to installation drawing L-500-2001.

Limitations of Use: This product:

- May be used in the configurations and product sizes with insulated glazing as indicated in L-500-2001. I.G. spacer required is Quanex Duraseal.
- Is non-impact and requires the use of impact protective devices in windborne debris regions
- May be used in the High Velocity Hurricane Zone
- 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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LUCAS A. TURNER
LICENSE
No. 58201
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

10/1/2020
Lucas A. Turner, P.E.
FL PE #58201