

Evaluation Report LH-102

September 25, 2020

Product Description: T603H Slider consisting of Series 8200 PVC Horizontal Slider Window with 603H Aluminum Storm Window, LM Impact, 73" x 62 1/8" unit size, 3/16 Ann. – Air – 7/16 Lami Ann. glass in 8200, 3/16 Temp. glass in 603H.

Manufacturer: Larson Manufacturing, 2333 Eastbrook Dr., Brookings, SD 57006

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 LH-102, signed and sealed by Lucas A. Turner, P.E.
- 3) Test Reports 113-05891 and 113-05897, from Stork Twin City Testing, St. Paul, MN, with testing performed: TAS 201, 202, 203 1994, including impact at midspan of meeting rail
- 4) Supplemental Calculations to support LH-102, signed/sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document LH-102.

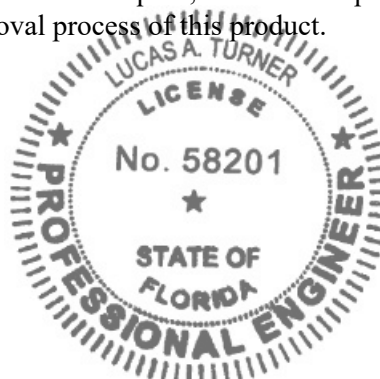
Limitations of Use: This product:

- May be used in O/X or X/O configuration in sizes up to 73" x 62 1/8" unit size, with max. glass daylight sizes of 32 3/8" x 57 1/2" for 8200 fixed lite and 32 3/8" x 55 5/16" for 8200 sash, with 603H Storm Window applied to exterior of 8200
- Achieves a design pressure of +60/-60 psf
- Is large missile impact resistant and does not require the use of shutters
- May be used in the High Velocity Hurricane Zone
- Requires 3/16 outboard (annealed or tempered, tempered required above 30 ft of grade in HVHZ) – Air – 3/16Ann-.090PVB-3/16Ann inboard glass minimum in 8200
- Requires 3/16 Tempered glass minimum in 603H
- Requires Kuraray PVB Interlayer per Miami-Dade N.O.A. #19-0305.02[†]
- Requires Quanex (Mikron) white rigid PVC framing per Miami-Dade NOA #17-0206.10[†]

[†] I have evaluated the interlayer and framing materials in these Kuraray and Quanex 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 Larson Manufacturing 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.

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9/25/2020
Lucas A. Turner, P.E.
FL PE #58201