

Engineering Evaluation Report #5570-090926

Prepared by:

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Manufacturer:

PGT Industries LLC
3400 Precision Drive
N. Venice, FL 34275

Product Description:

SGD5570 Series Impact-resistant Vinyl Sliding Glass Door (LM); FL Approval #33106

Compliance:

The above-mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61 G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).

Supporting Technical Documentation:

1. Approval document: drawing number SGD5570-LM-HVHZ, signed and sealed by A. Lynn Miller, P.E.

2. Test Report Nos.:

FTL-6337, 6338, 8646-8649, 8652 & 8717

signed and sealed by Idalmis Ortega, P.E.; Fenestration Testing Laboratories, Medley, FL 33166

QAI-21-1241 and NOK-0099

signed and sealed by Idalmis Ortega, P.E.; QAI Laboratories Nokomis, FL 34275

TAS 201-94 Large Missile Impact Test

TAS 202-94 Uniform Static Air Pressure Test

TAS 203-94 Cyclic Pressure Loading Test

3. Calculations, signed and sealed by A. Lynn Miller, P.E., dated 2/29/24 & 6/13/24

Limitations and Conditions of use:

- Units must be glazed per ASTM E1300-24, refer to approval document for glazing details.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame and panel material to be extruded aluminum and vinyl.
- Units must be installed in accordance with approval documents.

