# **Engineering Evaluation Report #900-041923.2**

### Prepared by:

A. Lynn Miller, P.E. 1070 Technology Dr. N. Venice, FL 34275 (941) 480-1600

Registration Number: #29296

#### Manufacturer:

CGI Windows & Doors 3780 W. 104<sup>th</sup> Street Hialeah, FL 33018

### **Product Description:**

SGD930V, Vinyl, Large Missile Impact Resistant, Sliding Patio Door

### 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 the requirements of the current Florida Building Code.

## **Supporting Technical Documentation:**

- 1. Approval Document: drawing number SGD930V-FPA-LM-RevA, signed and sealed by A. Lynn Miller, P.E.
- 2. Test Report No. 20-1023, signed by Idalmis Ortega, P.E.; Fenestration Testing Laboratory.

Test Standards: AAMA/WDMA/CSA 101/I.S.2/A440-11, AAMA/WDMA/CSA 101/I.S.2/A440-17, ASTM E1886-13a, ASTM E1886-19, ASTM E1996-14a, ASTM E1996-17, TAS 201/202/203

3. Calculations, signed and sealed by A. Lynn Miller, P.E., dated 4/9/20.

#### **Limitations and Conditions of use:**

- Units must be glazed per ASTM E1300-09, refer to approval document for glazing details.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame and panel material to be extruded vinyl.
- Units must be installed in accordance with Approval Document.



A. Lynn Miller, P.E.

P.E. # 58705