

PRODUCT EVALUATION REPORT

5000 SERIES ALUMINUM SLIDING GLASS DOOR SYSTEM (L.M.I.)

Product: FL30748.1
5000 Series Aluminum Sliding Glass Door System
Large Missile Impact Resistant.

Manufacturer: Astral Aluminum and Glass Inc.
2280 N.W. 33rd Court
Pompano Beach, FL 33069
(954) 203-2977

Statement of Compliance: This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G30-3.005 (4), using 61G30-3.005 Method 1-D (Engineering Evaluation). This product complies with the requirements of the Florida Building Code both inside and outside of the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

- 1) Installation Drawings **5000_SGD-LMI**, Signed and Sealed by William D. Cook, P.E. on 10/17/2019.
- 2) Testing to TAS 201, TAS 202, and TAS 203 from Fenestration Testing Laboratory, Inc. 8148 N.W. 74th Avenue, Medley, FL 33166, Test Report Nos.:
 - **FTL 5368** dated 11/28/2007 signed and sealed by Carlos S. Rionda P.E.,
 - **FTL 5720** dated 09/29/2008 signed and sealed by Michael R. Wenzel P.E.,
 - **FTL 5721** dated 09/05/2008 signed and sealed by Carlos S. Rionda P.E.,
- 3) Supplemental Calculations to support **5000_SGD-LMI**, signed and sealed by William D. Cook, P.E.

Limitations of Use for this product:

- See Installation Drawings **5000_SGD-LMI** for approved anchor methods and spacing.
- Product is impact rated and does not require the use of shutters in windborne debris regions.
- May be used inside and outside the High Velocity Hurricane Zone.
- See Installation Drawings **5000_SGD-LMI** for size and design pressure limitations

Certification of Independence: Bromley-Cook Engineering and William D. Cook, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named in this evaluation report.

For further questions please contact this firm.

William
D. Cook,
PE

Digitally signed
by William D.
Cook, PE
Date:
2019.10.18
14:44:44 -04'00'

William D. Cook PE, SECB
FL P.E. # 43904
FL S.I. # 2008