

STANTON ENGINEERING, INC.
2701 NW BOCA RATON BLVD. SUITE #204
BOCA RATON, FL

PHONE: (561) 393-1003
FAX: (561) 393-1008
E-MAIL: chris.stanton.eng@gmail.com

November 14, 2023

Submittal for State of Florida Product Approval

Manufacturer:

Sol-A-Trol Aluminum Products
4101 NW 132nd Street
Miami, FL 33054

Product:

Series 535 Aluminum Single Hung Window - LMI
Large and Small Missile Impact

Update of existing Florida Product approval

Ref. FL 20805.1

Design Criteria:

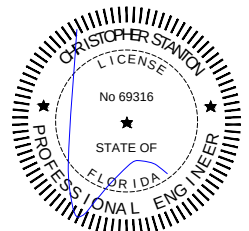
Product Approval Submittal for Series 535 Aluminum Single Hung Window - LMI

Product Tested to Protocols TAS-201, TAS-202 and TAS-203

Shutters are NOT required



Digitally signed by
Christopher Stanton
Date: 2023.11.14
10:45:23 -05'00'



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Florida Building Commission

Attn: Product Approval Program Oversight Committee
1940 North Monroe Street
Tallahassee, FL 32399

Manufacturer:

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4101 NW 132nd Street
Miami, FL 33054

Product:

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**Update of existing Florida Product approval
Ref. FL 20805.1**

Ref: Financial Interest Letter

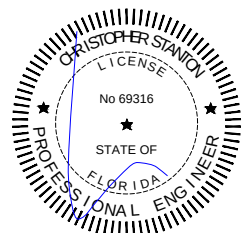
As the structural design engineer retained by Sol-A-Trol Aluminum Products for the product referenced above, I do hereby declare that I do not have any financial interest with the laboratories that have performed the tests on the above-referenced product nor do I have any financial interest with the engineers witnessing and signing/ sealing the test reports as a laboratory representative.

Sincerely,

Christopher Stanton, P.E.

PE # 69316

November 14, 2023



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Ref: Product Compliance Letter

To the best of my knowledge, belief and professional judgment, the product referenced above is in compliance with the 2023 Florida Building Code and specifications for aluminum windows.

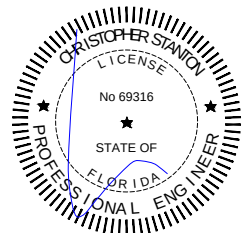
Please feel free to contact this Firm if you should have any further questions or concerns.

Sincerely,

Christopher Stanton, P.E.

PE # 69316

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Scope of Calculations:

- 1) Review for requirements of the 2023 Florida Building Code.
- 2) Mullions checked for stress & deflection.*
- 3) Fasteners checked for Shear & Bending. Verify published anchor capacity exceeds requirements as qualified by this Florida Product Approval Submittal.*
- 4) Glass checked for compliance with ASTM E-1300. Glass size limited to tested area.*
- 5) Comparative analysis is not required as only units that have equal to or lesser dimensions (in both directions) are being qualified in this State of Florida Approval Submittal. *
- 6) 1/3 Stress increase is not being considered for Material Stresses, Anchor Capacities etc.*

NOTE: * All calculations were submitted previously for 2014/2017 Compliant Product approval. There have been no code changes in the 2023 FBC that effect the supporting calculations previously submitted. Ref. FL 20805.1.

