

L. Roberto Lomas P.E.

400 S. Palm Ave.
Indialantic, FL 32903
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 514359A

Manufacturer: Stergis Windows & Doors
79 Walton St.
Attleboro, MA 02703

Product Line: Series 1100/623 Vinyl SGD, Large and Small Missile Impact

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 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03367 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: ESP009160P-3 signed and sealed by Ramesh Patel P.E.
Element Materials Technology, Wausau, WI
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 50.0 psf
Water penetration resistance 7.5psf
3. Report No.: ESP009160P signed and sealed by Ramesh Patel P.E.
Element Materials Technology, Wausau, WI
ASTM E1886 and ASTM E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 50.0 psf design pressure
4. Anchor calculations, report number 514359-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Panel size: 48 15/16" x 91 1/4"
- Units must be glazed per ASTM E 1300, according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03367, Revision A.

Certification of Independence:

Please note that I don't have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

