**Engineering Evaluation Report** 

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Report No.: 514359

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

Product Line: Series 623.620 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(a). The product listed herein complies with requirements of the current Florida Building Code.

# Supporting Technical Documentation:

- 1. Approval document: drawing number 08-03367, prepared, signed and sealed by Luis Roberto Lomas P.E.
- Report No.: ESP009160P-3 signed and sealed by Ramesh Patel P.E. Element Materials Technology, Wausau, WI AAMA/WDMA/CSA 101/I.S.2/A440-05 Design pressure: ±50.0psf Water penetration resistance 7.5psf
- Report No.: ESP009160P signed and sealed by Ramesh Patel P.E. Element Materials Technology, Wausau, WI ASTM E1886-05 and ASTM E1996-05 ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4 ASTM E1886/ E1996 Cyclic Load Test, ±50.0psf design pressure
- 4. Anchor calculations, report number 514359-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

## Limitations and Conditions of use:

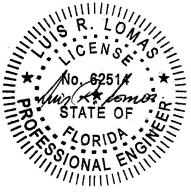
- Maximum design pressure: ±50.0psf
- Panel size: 48 15/16" x 91 1/4"
- Units must be glazed per ASTM E 1300-04/09, according to glazing details in approval drawing.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne 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.

#### 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).



Luis R. Lomas, P.E. FL No.: 62514 02/28/2019