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Engineering Evaluation Report

Report No.: 514360A

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

Product Line: Series 331.330SH-008 Vinyl Single Hung Window Large 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 08-03368 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: ESP011287P-2 signed and sealed by Ramesh Patel P.E.
Element Materials Technology, Wausau, WI
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 130.0 psf.
Water penetration: 6.0psf. (Without sill riser), 10.5psf (with 2 1/2" sill riser)
ASTM E1886 and ASTM E1996
ASTM E1886/ E1996 Large Missile Impact Test, Level D, Wind Zone 4
ASTM E1886/ E1996 Cyclic Load Test: ± 55.0 psf design pressure
3. Anchor calculations, report number 514360-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to installation drawing.
- Unit size: 37" X 62"
- 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 08-03368, 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).

