

L. Roberto Lomas P.E.

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

Engineering Evaluation Report

Report No.:512033C

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

Product Line: Stormgate Impact NC Double Hung Window – 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 08-01414 Revision C, titled Stormgate Impact NC Double Hung Window – Small Missile Impact, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No. A4318.01-250-44 signed by J.P. McDonald
Architectural Testing Laboratories, Chelmsford, Massachusetts
ASTM E1886 and ASTM E1996
Small Missile Impact, Level A, Wind Zone 4
Cyclic Load Test, ±50.0psf design pressure
3. Test Report No.: ESP009376P-12R/010588P-12R, signed and sealed by Ramesh Patel P.E.
Element Materials Technology, Wausau, WI.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±50.0psf
Water penetration resistance 7.5psf
4. Anchor calculations, report number 512033-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ±50.0 psf
- Unit size: 47 3/8" x 71 3/8"
- Units must be glazed per ASTM E1300, 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, when installed 30ft or higher above ground level.
- Frame material to be extruded rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01414 Revision C.

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).

