

L. Roberto Lomas P.E.

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

Engineering Evaluation Report

Report No.: 511377B

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

Product Line: Stormgate NC CA PVC Casement Window – 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 08-00834 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No. CTLA-1559W-1-R signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL
ASTM E1886 and ASTM E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 50.0 psf design pressure
3. Test Report No.: 69766.02-109-47, signed by Stephen D. Shank and Michael L. Mackereth
Architectural Testing, Inc., York, PA
AAMA/WDMA/CSA 101/I.S.2/A440 and ANSI/AAMA/NWDA 101/I.S.2.
Design pressure: ± 50.0 psf
Water penetration resistance 9.75psf
4. Anchor calculations, report number 511377-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 50.0 psf
- Unit size: 37" x 75"
- 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.
- Frame and sash material to be extruded rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00834 Revision B.

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).

