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## Engineering Evaluation Report

Report No.: 511376C

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

**Product Line:** Stormgate 142.194 DH-018 Impact Double Hung

**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 08-00833, Revision D, prepared signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No. ESP009376P-4R/6R/010588P-4R/6R 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,  $\pm 50.0$ psf design pressure  
AAMA/WDMA/CSA 101/I.S.2/A440  
Design pressure:  $\pm 50.0$ psf  
Water penetration resistance 7.5psf
3. Anchor calculations, report number 511376-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure:  $\pm 50.0$  psf
- Unit size: 48" x 72"
- 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 material to be extruded white rigid PVC.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00833, Revision D.

**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).

