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## Engineering Evaluation Report

Report No.: 511372D

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

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

**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 08-00829, Revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: ESP009376P-6R/010588P-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 511372-1C, 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 and sash material to be extruded rigid PVC.

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00829, 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).

