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Engineering Evaluation Report

Report No.: 515363

Manufacturer: Stergis Windows and Doors
79 Walton Street
Attleboro, MA 02703

Product Line: Series 4500 Outswing French Door Impact - HVHZ

Compliance:

The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-04048, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL-210-3739-1A signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ±65.0psf
Water penetration resistance 15.0psf
ASTM E1886 & ASTM E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±65.0psf design pressure
3. Test report No.: NCTL-210-3739-1 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL.
TAS 201/TAS 203
Large Missile Impact, Level D, Wind Zone 4
Cyclic Pressure loading ±65.0psf design pressure
TAS 202
Uniform Static Air Pressure, ±65.0psf design pressure, 9.75psf water penetration
4. Anchor calculations, report number 515363-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ±65.0psf
- Panel size: 37" x 95"
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is 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 Rigid PVC.
- Approved configurations: XX and X.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04048.

Certification of Independence:

Please note that I do not 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 do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

