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Engineering Evaluation Report

Report No.: 514650A

Manufacturer: Shwinco Architectural Products, LLC
171 Jet Services Way
Dothan, AL 36303

Product Line: Series 9700 Vinyl SGD 6068 Impact HVHZ

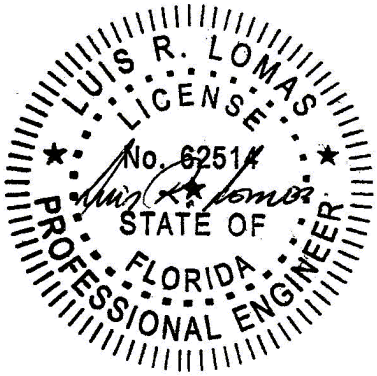
Compliance:
The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-03568 revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3886-1 signed and sealed by Gerard J. Ferrara P.E.
   National Certified Testing Laboratories, Orlando, FL
   TAS 201/ TAS-203
   Large Missile Impact Test, Level D, Wind Zone 4
   Cyclic Pressure loading: ±80.0psf
   TAS 202
   Uniform Static Air Pressure, design pressure: ±80.0psf
   Water penetration: 6.0psf with standard sill
   10.5psf with 1 ¾" sill riser
3. Test report No.: NCTL 210-3886-1A 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: ±80.0psf
   Water penetration: 6.0psf with standard sill
   10.5psf with 1 ¾" sill riser
   ASTM E1886/ ASTM E1996
   Large Missile Impact, Level D, Wind Zone 4
   Cyclic Pressure loading: ±80.0psf
4. Anchor calculations, report number 514650-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Design pressure: ±80.0psf
- Unit size: 71 ½" x 79 ½"
- 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 rigid PVC.

Installation:
Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03568, revision A.

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).



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