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Engineering Evaluation Report

Report No.: 514647A

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

Product Line: Series 9700 Vinyl SGD 12080 OXXO Impact

Compliance:

The product mentioned above 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 08-03565 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3281-5 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: ± 65.0 psf/-70.0psf
water penetration: 13.5psf with 3 3/4" sill riser
ASTM E1886-13 and ASTM E1996-14 Large Missile Impact, Level D, Wind Zone 4
Cyclic Pressure loading: ± 70.0 psf
3. Test report No.: NCTL 210-4215-1 signed by Mark Bennett
National Certified Testing Laboratories, Orlando, FL
ASTM E1886 and ASTM E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Pressure loading: ± 60.0 psf
4. Anchor calculations, report number 514649-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 65.0 psf
- Panel size: 37 1/8" x 93 1/4"
- Approved configurations: OX, XO, OXO, XOO, OOX, XOX and OXXO.
- 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 rigid PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03565, Revision A.

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).

