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Engineering Evaluation Report

Report No.: 512094D

Manufacturer: Viwinco, Inc.
Morgantown Business Park
P.O. Box 499
Morgantown, PA 19543

Product Line: 623.620PD-004 Impact Patio Door XO SGD

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-01470 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: ATI A1719.01-501-47 signed by Lynn George
Architectural Testing Inc., York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 50.0 psf
Water penetration resistance 7.5psf
3. Report No.: CTLA 2039W signed by Ramesh Patel P.E.
Certified Testing Laboratories, Orlando, FL
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ± 50.0 psf design pressure
4. Anchor calculations, report number 512094-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 50.0 psf
- Maximum unit size: 96" x 96"
- Units must be glazed per ASTM E1300 see installation instructions for glass details.
- 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, 08-01470 Revision C.

When the product specified herein is installed within 3000 ft. of a saltwater coastline, all anchors and clips must comply with saltwater environment corrosion resistance requirements of FBC Chapter 17.

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).

