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Engineering Evaluation Report

Report No.: 514674B

Manufacturer: Boyd Aluminum Manufacturing
3248 East Division
Springfield, MO 65801

Product Line: 950 Series Horizontal Sliding Window XOX - Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03582 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: ESP019197P.2 signed by Brian S. Escherich
Element Materials Technology, Des Moines, IA
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 65.2 psf
Water penetration resistance 12.12psf
3. Report No.: ESP019197P signed and sealed by Brian S. Escherich
Element Materials Technology, Des Moines, IA
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 3
Cyclic Load Test, $+65.0/-70.0$ psf design pressure
4. Anchor calculations, report number 514674-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 65.0 psf
- Unit size: 198" X 79"
- 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 up to wind zone 3.
- Frame material to be Aluminum 6063-T5 and 6063-T6.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03582, Revision A.

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 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).

