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Engineering Evaluation Report

Report No.: 514702B

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

Product Line: 4000 Series Fixed Window - Impact

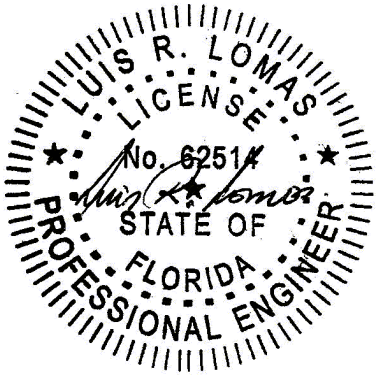
Compliance:
The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-03607 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: QCT11-2172.01 signed by Bob King
   Quast Consulting & Testing, Inc. Mosinee, WI.
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±75.0psf
   Water penetration resistance 12.11psf
3. Test report No.: QCT11-2174.01 signed by Bob King
   Quast Consulting & Testing, Inc. Mosinee, WI.
   ASTM E1886/E1996
   Large Missile Impact, Level D, Wind Zone 3.
   Cyclic Load Test, ±75.0psf design pressure.
4. Anchor calculations, report number 514702-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Design pressure: ±75.0psf
- Unit size: 60” x 99”
- 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.

Installation:
Units must be installed in accordance with manufacturer’s installation instructions and approval document 08-03607, 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).



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