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Engineering Evaluation Report

Report No.: 514695B

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

Product Line: 2400 Series Fixed over Casement Outswing Window Non-Impact

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

Supporting Technical Documentation:
1. Approval document: drawing number 08-03600 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: ESP020908P.4 signed by Brian S. Escherich
   Element Materials Technology, Des Moines, IA
   AAMA/WDMA/CSA 101/I.S.2/A440
   Design pressure: ±100.3psf
   Water penetration resistance 15.0psf
3. Anchor calculations, report number 514695-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Design pressure: ±100.0psf
- Unit size: 40” x 87”
- Approved configurations: O/X
- Units must be glazed per ASTM E1300.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- 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 08-03600, 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).

LUIS R. LOMAS
LICENSE
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Luis R. Lomas, P.E.
FL No.: 62514
07/21/2026