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Engineering Evaluation Report

Report No.: 512546B

Manufacturer: Bildau & Bussmann North America Inc.
200 Continental Drive, Suite 401
Newark, DE 19713

Product Line: Single Timber Integral Vertical Mullion – Impact - 90" Span

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-01858 Revision B, titled Single Timber Integral Vertical Mullion – Impact - 90" Span, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3800-1 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL.
TAS 201 / TAS 203
Large Missile Impact Test, Level D, Wind Zone 4, mullion impacted with #2 SYP 2x4, 102" long, 9lbs at 50 ft./sec.
Cyclic Pressure loading ± 70.0 psf design pressure
TAS 202
Uniform Static Air Pressure, ± 70.0 psf design pressure, 10.5psf water penetration.
3. Anchor calculations, report number 512546-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 70.0 psf
- Maximum mullion span: 90"
- Units attached to mullion must have their own separate approval.
- Units may be mulled indefinitely as long as maximum unit size is not exceeded.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Meeting jamb and jamb extension material to be specific gravity G 0.59 (Includes but is not limited to: Larch, Sipo, Meranti, Mahogany, White Oak, Walnut)
- Design pressure of mulled units shall be controlled by the lesser design pressure of the assembly components, mullion or individual units.

Installation:

Units must be installed in accordance with approval document, 08-01858, Revision B.

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).

