

*L. Roberto Lomas P.E.*

208 7th Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

## Engineering Evaluation Report

**Report No.: 512554B**

**Manufacturer:** Bildau & Bussmann GmbH  
Gerichtstrasse 23  
13347 Berlin, Germany

**Product Line:** Push out Casement Window

**Compliance:**

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

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-01865 Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3845-1 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  
Cyclic Pressure loading  $\pm 70.0$ psf design pressure  
TAS 202  
Uniform Static Air Pressure,  $\pm 70.0$ psf design pressure, 10.5psf water penetration.
3. Anchor calculations, report number 512554-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure:  $\pm 70.0$ psf
- Panel size: 38 1/2" x 92 1/2"
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- 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.
- Wood Frame material specific gravity  $G=0.59$  minimum (Includes but is not limited to: Larch, Sipo, Meranti, Mahogany, White oak, Walnut)

**Installation:**

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-01865 Revision B.

**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).

