

*L. Roberto Lomas P.E.*

208 7<sup>th</sup> Ave

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

## Engineering Evaluation Report

**Report No.: 511967C**

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

**Product Line:** Series French Door Impact Glazed Wood In-Swing Side Hinged Doors

**Compliance:**

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

**Supporting Technical Documentation:**

1. Approval document: drawing number 08-01353 Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3800-3 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 511967-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Design pressure:  $\pm 70.0$ psf
- Panel size: 43 1/2" x 118"
- Units must be glazed per ASTM E1300, see installation instructions for glass details.
- 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, 08-01353 Revision C.

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).

