

Product Evaluation Report**Report No.:** FL-17473.1**Date:** October 7, 2020

Product Category	Sub Category	Manufacturer	Product Name
Shutters	Bahama	Fortified Building Products 2001 West Government Street Pensacola, FL 32502 Phone 850.432.2485	Extruded Aluminum Bahama Hurricane Shutter "Impact"

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Fortified Building Products based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code structural requirements including the "High Velocity Hurricane Zone".
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "High Velocity Hurricane Zone" this product complies with FBC Section 1626 and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind-borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. Site conditions that deviate from the details of drawing FL-17473.1 require further engineering analysis by a licensed engineer or registered architect.
6. Aluminum shutter material shall be 6063-T6.
7. The Engineer or Architect of Record is responsible for determining the wind loads for any specific application and to determine that the existing structure is capable of withstanding the loads imposed by the shutter system.
8. See drawing FL-17473.1 for size and design pressure limitations.

Supporting Documents:

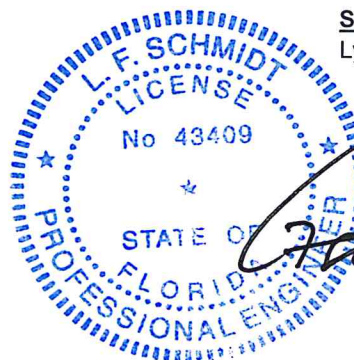
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| 1. <u>Test Report No.</u>
CTLA-1098W | <u>Test Standard</u>
TAS 201, 202 & 203-94 |
| 2. <u>Drawing No.</u>
No. FL-17473.1 | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) |
| 3. <u>Calculations</u>
Anchoring | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) |
| 4. <u>Quality Assurance</u>
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Fortified Building Products is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | |

Testing Laboratory
CTLA

Signed by
Ramesh Patel, P.E.

Signed & Sealed by
Lyndon F. Schmidt, P.E.

Signed & Sealed by
Lyndon F. Schmidt, P.E.



Lyndon F. Schmidt, P.E.
FL PE No. 43409
10/7/2020