

**ENGINEERING EXPRESS® EXPERT
PRODUCT EVALUATION REPORT**

October 3, 2017

Application Number: FL17638.1-R1
EX Project Number: 17-5029Product Manufacturer: Town and Country Industries
Manufacturer Address: 400 West McNab Road
Ft. Lauderdale, FL 33309

Product Name & Description: 3" Aluminum Roof Riser Panels

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Business and Professional Regulation (Florida Building Commission) Rule Chapter 61G20-3.005, F.A.C., for statewide acceptance per Method 1(d). The product noted above has been tested and/or evaluated as summarized herein to show compliance with the Florida Building Code Sixth Edition (2017) and is, for the purpose intended, at least equivalent to that required by the Code. Re-evaluation of this product shall be required following pertinent Florida Building Code modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

EX drawing #17-5029 titled "3" Aluminum Roof Riser Panels", sheets 1-1, by Engineering Express, signed & sealed by Frank L. Bennardo, P.E. is an integral part of this Evaluation Report.

- **TEST REPORTS**

Uniform static structural performance has been tested in accordance with E330-14 test standards per test report(s) #F6717.01-401-44-r0 (signed and sealed by Tyler Westerling, PE) by Architectural Testing, Inc. (ATI).

- **STRUCTURAL ENGINEERING CALCULATIONS**

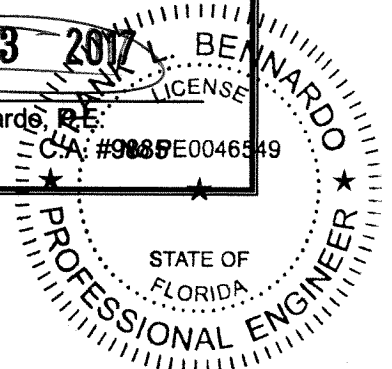
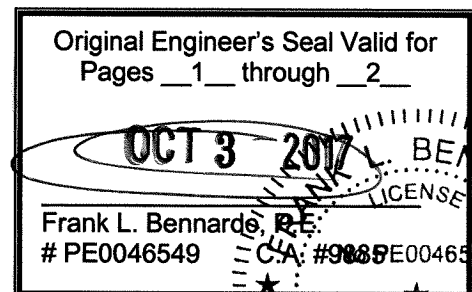
Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Maximum Allowable Spans

No 33% increase in allowable stress has been used in the design of this product.

Impact Resistance:

Large Missile Impact Resistance has NOT been demonstrated for this product.



Wind Load Resistance

This product has been designed to resist wind loads as indicated in the span schedule(s) on the Product Evaluation Document (i.e. engineering drawing).

Installation

The product listed above shall be installed in strict compliance with the Product Evaluation Document (i.e. engineering drawing), along with all components noted therein.

The product components shall be of the material specified in the Product Evaluation Document (i.e. engineering drawing).

Limitations & Conditions of Use:

Use of this product shall be in strict accordance with the Product Evaluation Documents (the engineering drawing) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads. Host structure conditions shall be certified on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times.

This product has NOT been designed for use within High Velocity Hurricane Zone (HVHZ), only outside the HVHZ.