Engineering Express®
Product Evaluation Report

September 29, 2020

Application Number:	FL 19131.1-R2
EX Project Number:	20-32093
Product Manufacturer:	Four Seasons Building Products
Manufacturer Address:	7815 American Way Groveland, FL 34736
Product Name & Description:	3” Alum Olympic Roof Panels & 2.5” Twin Vee Alum 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 2 (b). The product noted above has been tested and/or evaluated as summarized herein to show compliance with standard ASCE 7 (ASD) and Florida Building Code Seventh Edition (2020) and is, for the purpose intended, at least equivalent to that required by the Standard and Code. Re-evaluation of this product shall be required following pertinent Florida Building Code or ASCE Standard modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

EX Installation Drawing #20-32093 titled “Aluminum Roof Panels”, prepared by Engineering Express, Inc., signed & sealed by Frank Bennardo, PE is an integral part of this Evaluation Report, pages 1 through 2.

- **TEST REPORS**

Ultimate test loading structural performance has been tested in accordance with ASTM E330/330M-14 test standards per test report(s) #F7038.01-401-44-R0 & #F7038.02-401-44-R0 by Intertek Architectural Testing; Signed and Sealed by Tyler Westerling, P.E.

- **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:

Impact Resistance has not been demonstrated.

Wind Load Resistance

This product has been designed to resist wind loads as indicated on its respective Product Evaluation Document (i.e. engineering document).

Installation

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

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

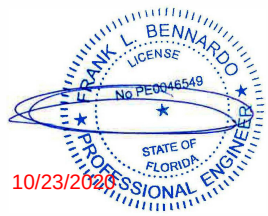
Limitations & Conditions of Use:

Use of each product shall be in strict accordance with its respective Product Evaluation Document (i.e. engineering document) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product’s respective anchor schedule. Host structure conditions which are not accounted for in each product’s respective anchor schedule shall be designed for 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. Any alteration to the respective Product Evaluation Document will invalidate it. This product has not been designed for use inside the High Velocity Hurricane Zone (NON-HVHZ rated only).

Respectfully,



Frank Bennardo, PE
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