



ENGINEERING EXPRESS® PRODUCT EVALUATION REPORT

June 2, 2020

Application Number: FL# 21464.1-R2
Engineering Express Project Number: 20-26328

Product Manufacturer: Miami Tech, Inc.

Manufacturer Address: 3611 NW 74th Street
Miami, FL 33147

Product Name: Aluminum A/C Stand
Product Description: Aluminum Equipment Stand with Adjustable Cross Member

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 Seventh Edition (2020) 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**

Engineering Express drawing #20-26328 titled "Aluminum A/C Stand", sheets 1-3, prepared by Engineering Express, signed & sealed by Frank L. Bennardo, P.E. is an integral part of this Evaluation Report.

- **TEST REPORTS**

No testing is required, nor was any used in the evaluation of this product.

- **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 (per ADM 2015):

1. Maximum Allowable Size/Pressure Combinations
2. Anchor Capacity

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

Impact Resistance:

Not applicable.

Miami Tech, Inc. – Aluminum A/C Stand

Wind Load Resistance

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

Installation

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

Each product component shall be of the material specified in that product's respective Product Evaluation Document (i.e. engineering drawing).

Limitations & Conditions of Use:

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

All supporting host structures shall be designed separate from this product evaluation 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.

This product has been designed for use within and outside the High Velocity Hurricane Zone (HVHZ).

Respectfully,



Frank Bennardo, PE
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