

Evaluation Report – Elite PBR Roof

January 19, 2026

Product Description: PBR 26-Ga. 80ksi Steel Through-Fastened Non-Structural Roof Panel with AZ55 Galvalume Coating, Applied Over Purlins/Girts

Manufacturer: Elite Structures Inc., 401 Old Quitman Rd., Adel, GA 31620

Statement of Compliance: This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). This product complies with the requirements of the 8th Edition (2023) Florida Building Code generally and section 1504 specifically, for use outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

Technical Documentation:

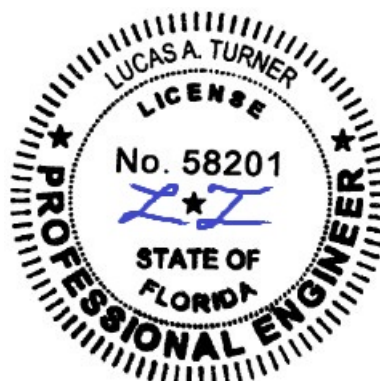
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trace Trl, Camden, TN
- 2) Approval drawing Elite-PBR, signed and sealed by Lucas A. Turner, P.E
- 3) Test Report I1936.03-550-44, from Intertek / Architectural Testing, Lithia Springs, GA
 - a. Testing Performed: ASTM E1592-05(17)
- 4) Supplemental Calcs. to support Elite-PBR, signed and sealed by Lucas A. Turner, P.E.

Installation: Units must be installed according to approval document Elite-PBR, with 7"-5"-7" pattern at panel ends and 12" o.c. across panel width into 16 Ga. 50ksi steel min. purlin/girt supports, by others. Structural supports shall be designed by others to resist the applied loads. Through-panel fasteners into 16 Ga. steel supports shall be #12x1-1/4" Steelbinder drill point tip with integral EPDM gasket or approved equivalent. Overlap ribs shall be joined with #14x7/8" Steelbinder drill point tip with integral EPDM gasket or approved equivalent at 20" o.c. lengthwise. Fastener coating shall be in accordance with FBC Sect. 1507.4.4.

Limitations of Use: This product:

- Requires minimum slope of 1/2:12 in accordance with FBC Sects. 1504.6, 1504.7 impact exemption for nonstructural metal roofing of 26 gauge min. thickness, and 1507.4.2. Slopes of less than 3:12 require lap sealant at all overlaps.
- May be used up to 36" panel widths as indicated in Elite-PBR
- Was structurally tested to -120 psf load; with factor of safety and panel/anchor analysis this results in an allowable Design Pressure of -60 psf at 48" support spacing
- Is non-impact and may not be used in the High Velocity Hurricane Zone

Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Elite Structures Inc. or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.



Lucas Turner
2026.01.19
14:07:51 -06'00'

1/19/2026
Lucas A. Turner, P.E.
FL PE #58201