

Evaluation Report – 5V Crimp 26GA Steel
December 19, 2023

Product Description: 5V Crimp 24” Coverage 26 ga. ASTM A792 AZ50 Grade 50 Steel Non-Structural Roof Panel, Applied Over Plywood

Manufacturer: Mullet’s Aluminum, 6345 McIntosh Road, Sarasota, FL

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. This Approval does not address fire performance. The product testing standards performed are outlined below.

Technical Documentation:

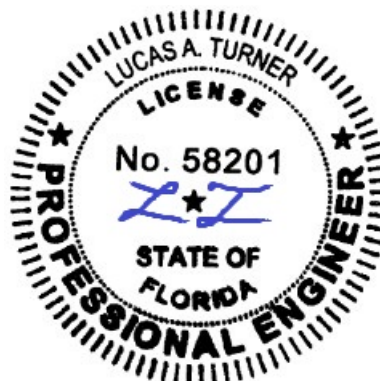
- 1) This report, prepared by Lucas A. Turner, P.E., at 2428 Old Natchez Trc Trl, Camden, TN
- 2) Approval drawing FPA-5V-26ga, signed and sealed by Lucas A. Turner, P.E
- 3) Test Report MAPI-001-02-01, from PRI Construction Materials Technologies, Tampa, FL
 - a. Testing Performed with equivalency to: UL1897-15, UL-580-06

Installation: Units must be installed in accordance with FBC Sect. 1507 and approval document FPA-5V-26ga, with installation fasteners 6” max. on-center at perimeter, and 16” max. on-center in the field on ribs. Anchors must be installed into 15/32 min. APA span-rated 4-ply CDX plywood over 24” max. on-center supports by others, or other rated/approved wood structural panel roof deck constructions which meet or exceed the fastener holding strength of the as-tested CDX plywood. Design/review of roof structural supports and roof deck are by others and not part of this evaluation. Fasteners through metal roofing into roof deck shall be #10x1-1/2” WoodZip SCAMP 304 SSC dual-thread TP-17 point wood screws with EPDM gasket or approved equivalent (min. ult. pullout of 412 lbs in 1/2” nominal plywood) corrosion resistant fasteners in accordance with FBC Sect. 1506 and 1507.

Limitations of Use: This product:

- Requires roof underlayment by others in compliance with FBC section 1507
- Has an Allowable Design Pressure (ASD) of -67.5 psf, based on tested pressures and using a factor of safety of 2.0.
- Requires minimum slope of 2:12 in accordance with FBC Sects. 1504.6, 1504.7, and 1507.4.2. Slopes of less than 3:12 require lap sealant at all overlaps.
- May be used up to 24” panel coverage widths as indicated in FPA-5V-26ga
- 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 Mullet’s Aluminum 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.



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12/19/2023
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