

Evaluation Report Addendum – South Rib Plywood
March 16, 2023

Product Description: South Rib 3' Coverage 26-Ga. and 29-Ga. Grade 80 Steel Non-Structural Roof Panel with AZ50 Galvalume Coating, Applied Over Wood Structural Panels

Manufacturer: Deep South Metals, LLC, 106 Masters Road, East Palatka, FL, 32131

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 6th Edition (2017) and 7th Edition (2020) 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) Current Florida Product Approval FL28363.2 with associated Evaluation Report and Installation Drawings for South Rib Roof Panels over Plywood

Installation: Units must be installed as indicated in FL28363.2 as supplemented by this Evaluation with attached Installation Detail. The intent of this Addendum is to include the 2020 FBC and to allow for the use of rated/approved wood structural panel roof deck constructions other than CDX plywood, provided that the roof deck meets or exceeds the fastener holding strength of the as-tested 15/32" CDX plywood. Units must be installed according to approval document FPA-SouthRibPly, with 9" pattern at eave, ridge, and 36" max on-center in the field. Fastener rows across panels must run perpendicular to ribs. Wood structural panel roof deck with or without one layer of existing asphalt shingles, and structural supports are by others and as accepted by the Authority Having Jurisdiction to resist the applied loads. Fasteners shall be #10x1-1/2" WoodZip SCAMP SSC with EPDM gasket or approved equivalent (min. ult. pullout of 412 lbs in 1/2" nominal plywood). 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 Sect. 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 FPA-SouthRibPly
- Was structurally tested to -105 psf load; with factor of safety and panel/anchor analysis this results in an allowable Design Pressure of -52.5 psf at 36" max. anchor row spacing.
- Is non-impact and may not be used in the High Velocity Hurricane Zone

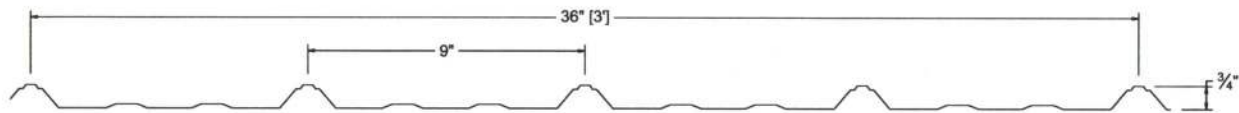
Certification of Independence: I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in Deep South Metals or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial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



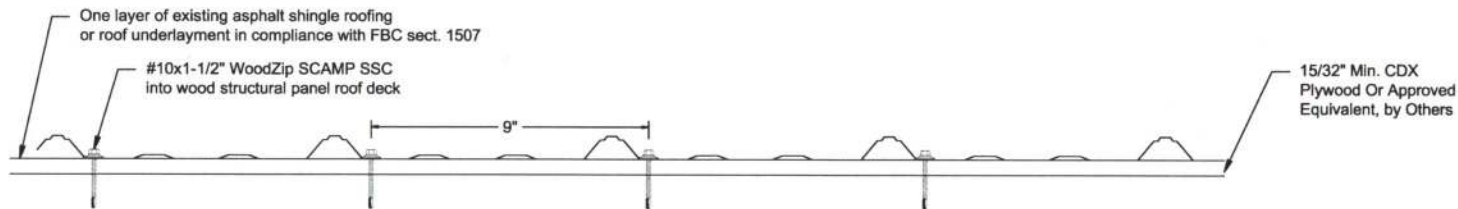
Lucas Turner
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3/16/2023
Lucas A. Turner, P.E.
FL PE #58201

SOUTH RIB 26 AND 29 GA. GRADE 80 STEEL NON-STRUCTURAL OVER 15/32" CDX PLYWOOD



South Rib Profile



Fastener Pattern at Eave, Ridge
and 3' O.C. in Field

DEEP SOUTH METALS, LLC	
106 MASTERS RD, EAST PALATKA, FL 32131	
	DATE DRAWN: 10/16/2018
SCALE: NTS	REV: 0
DRAWING: FPA-SouthRibPly	SHT: 1 OF 1



3/16/2023
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