

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: 26 Ga. STEEL (min) 1" NAILSTRIP ROOF PANEL
16" WIDE, OVER 7/16" OSB SHEATHING
(FLPA# 46717.1)

MANUFACTURER: CAPITAL METAL SUPPLY, INC
3845 US HWY 41 S
LAKE CITY, FL 32025

To all concerned,

The 26 Ga. Steel (min) 1" NailStrip Roof Panel, manufactured by Capital Metal Supply Inc, is a 16" wide or 12" wide non-structural Steel Roof Panel (50 ksi min) with 1" snap-locking ribs. This panel system meets all of the requirements of Section 1507.4 of the 8th Edition (2023) Florida Building Code. It has been tested per TAS 125 by Intertek B&C, with results shown in test report R1472.01-450-18.

Technical Documentation:

1. Drawing "C26SNS" dated 4/30/24, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek B&C. signed and sealed by Tanya Dolby, PE
3. Supplemental Calculations to support "NSHVHZ" drawing, signed and sealed by Scott Wolters, PE.

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 8th Edition (2023) Florida Building Code generally, and chapter 15 specifically, for use outside of the High Velocity Hurricane Zone.

Limitations: This Roof System is approved for use outside of the HVHZ.

<u>Overall Limitations:</u>	Minimum Panel Thickness:	26 Ga.
	Maximum Panel Width:	16" (12" Panel also approved)
	Minimum Rib Height:	1"
	Minimum Slope:	2"/12"
	Maximum Design Pressure:	-63.5 psf
	Fastener Type:	#10x1" Pancake Head Fasteners
	Maximum Fastener Spacing:	5 3/16" O.C. (thru each slot in Nailstrip)

Underlayment: Minimum ASTM D 226 Type II, installed and anchored per FBC Section 1507.1.1.1 (2) or (3) (min).
(or)

Any underlayment with a valid FLPA or Miami-Dade NOA

Fire Barrier: Where required by code, install an approved fire barrier. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly

Minimum Substrate: 7/16" OSB Sheathing nailed to 2x rafters spaced 24" max.
O.C. with 8d ring-shank nails spaced 4" O.C.

Other Limitations:

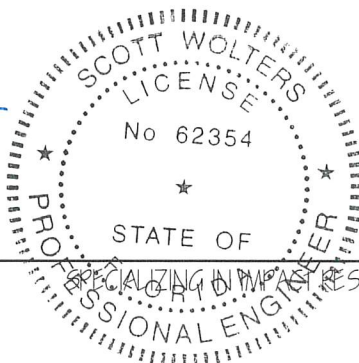
1. Fire classification is not a part of this evaluation. Refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Shear diaphragm values are not a part of this evaluation.
3. Design of substrate is by others and is not a part of this evaluation.
4. All panel system perimeters, penetrations, and transitions to be flashed and sealed per manufacturer's installation instructions and RAS 133.

Re-Roofing: The 26 Ga. Steel 1" NailStrip Roof Panel System may be installed over a single layer of existing shingles, provided the existing roof meets the requirements of FBC Section 1511.

If you have any questions or need more information concerning this approval, please contact me.

Thank you,


Scott Wolters
FL PE# 62354
APR 30 2024



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