

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: ARMOUR LOC 24Ga. STEEL 1 1/2" NAILSTRIP 19" WIDE
ROOF PANEL – HVHZ (FLPA# 35255.4)

MANUFACTURER: 1ST COAST METAL ROOFING SUPPLY
186 STATE ROAD 207
EAST PALATKA, FL 32131

To all concerned,

The Armour Loc 24 Ga. Steel 1 1/2" Nailstrip 19" Wide Roof Panel, manufactured by 1st Coast Metal Roofing Supply, is a non-structural Galvalume coated Fluropon painted steel roof panel (50 ksi min) that meets the requirements of Sections 1507.4 and 1518.9 of the 8th Edition (2023) Florida Building Code. The panel has been tested per TAS 100, TAS 125, and ASTM E8 by Intertek B&C, with results shown in test reports L1965.03-450-44-R1 and L1965.04-450-44-R1. It has also been tested per TAS 110 by PRI Construction Materials Technologies, with results shown in test reports VLS-004-02-01 and VLS-005-02-01. I have reviewed the TAS 100 testing listed above and it is equivalent to TAS 100-23.

Technical Documentation:

1. Drawing "1CSNS19-HZ" dated 10/10/23, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Architectural Testing, Inc. signed and sealed by Vinu Abraham, PE, and by PRI Construction Materials Technologies, signed and sealed by Zachary R Priest, PE.
3. Supplemental Calculations to support 1CSNS19-HZ, 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 7th Edition (2020) Florida Building Code generally, and chapter 15 specifically, including the HVHZ provisions.

Limitations: This panel is approved for use inside and outside of the HVHZ.

<u>Overall Limitations:</u>	Maximum Panel Width:	19" (nominal)
	Fastener Spacing across panel: (Panels overlap with male/female snap fit)	19" (at Nailstrip)
Min. Slope:	HVHZ:	2"/12"
	Non-HVHZ:	1/2"/12" (with Lap Sealant)
		3"/12" (no Lap Sealant)

Re-Roofing:

The Armour Loc 24 Ga. Steel 1 1/2" Nailstrip x 19" Wide Roof Panel may be installed over a single layer of existing asphalt shingles, provided the existing roof meets all of the requirements of Section 1521 (HVHZ) or Section 1511 (outside of HVHZ) of the Florida Building Code.

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

Thank you,



Scott Wolters
FL PE# 62354

OCT 10 2023

