

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: 26 GAUGE STEEL EAGLE RIB ROOF PANEL
36" WIDE, OVER 1/2" PLYWOOD

MANUFACTURER: ALABAMA STEEL SUPPLY
2 WEST BOULEVARD
MONTGOMERY, AL 36108

To all concerned,

The 26 Ga. Steel Eagle Rib Roof Panel, manufactured by Alabama Steel Supply, is a non-structural steel roof panel installed over a 1/2" (15/32" min) 4-ply CDX Plywood deck that meets the requirements of Section 1507.4.3 of the 8th Edition (2023) Florida Building Code. The panel has been tested per UL 580 (2006) and UL 1897 (2015) by Intertek B&C, with results shown in test report M4228.01.01-450-44.

Technical Documentation:

1. Drawing "26ST-ER" dated 6/17/25 (Rev. 1), signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Architectural Testing, signed and sealed by Tonya Dolby, PE.
3. Supplemental Calculations to support "26ST-ER", 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 HVHZ.

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

<u>Overall Limitations:</u>	Maximum Panel Width:	36" (Nominal)
	Min. Rib Height:	3/4"
	Max Fastener spacing across panel:	9" O.C. (Next to Ribs)
	Max Fastener Spacing Along Panel:	24" O.C.
	Fastener Type:	#12 x 1 1/4" Woodgrip HWH Screw with Weatherseal Washer
	Min. Roof Slope:	2"/12" (with Lap Sealant) 3"/12" (no Lap Sealant)
	Maximum Design Pressure:	-93.5 psf

Underlayment: Minimum ASTM D 226 Type II, installed and anchored per FBC Section 1507.1.1.1 (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. (See note #1 below)

Minimum Substrate: ½ (15/32" min) 4-ply CDX Plywood, nailed to 2x rafters spaced 24" max. O.C. with 8d ring-shank nails spaced 6" O.C.

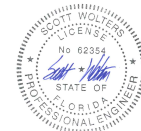
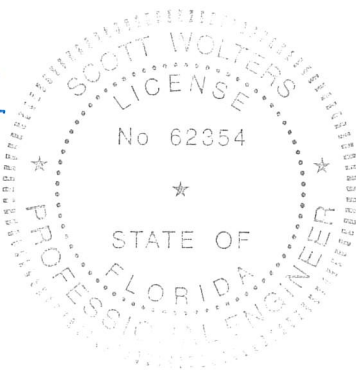
Other Limitations:

1. Fire classification is not a part of this evaluation.
2. Design of substrate is by others and is not a part of this evaluation.
3. All panel system perimeters, penetrations, and transitions shall be flashed and sealed per the requirements of RAS 133.

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

Thank you,


Scott Wolters
FL PE# 62354
JUN 17 2025



Digitally signed
by Scott Wolters
Date: 2025.06.17
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