

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

15211 97th Road N
West Palm Beach, FL 33412
Ph/Fx: (561) 225-1982

PRODUCT EVALUATION

PRODUCT: 26 Ga. STEEL PBR ROOF PANEL, 36" WIDE
OVER 16 Ga. STEEL PURLINS

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

To all concerned,

The 26 Ga. Steel 36" Wide PBR Roof Panel, manufactured by Alabama Steel Supply, is a structural steel roof panel that meets the requirements of Section 1507.4 of the 8th Edition (2023) Florida Building Code. The panel has been tested per ASTM E1592-05 (2017) by Intertek B&C with results shown in test report M4228.02-450-44.

Technical Documentation:

1. Drawing "26STPBR" dated 6/17/25 (Rev. 1), signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek B&C. signed & sealed by Tanya Dolby, PE.
3. Supplemental Calculations to support 26STPBR, 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 panel is approved for use outside of the HVHZ.

<u>Overall Limitations:</u>	Maximum Panel Width:	36" (nominal)
	Fastener Spacing across panel:	12" O.C. (max) (next to Overlaps & Center Ribs)
	Fastener Spacing along panel:	60" O.C.
	Fastener Type:	1/4" x 1 1/4" HWH self-drilling Screw with weather-seal washer
	Min. Slope:	2"/12" (with Lap Sealant) 3"/12" (no Lap Sealant)
	Max. Design Pressure:	+/-60 psf

End Panel Fasteners: Additional Panel to Purlin Fasteners are required at the end of each panel in a 7"-5"-7" pattern.

Overlap Fasteners: 1/4"x7/8" HWH Self-Drilling Screws with Weather-Seal Washers are required at the over-lapping panel seams, spaced 20" max O.C.

Minimum Substrate: 16 Ga. Steel Purlins (65 ksi min), spaced 60" max O.C.

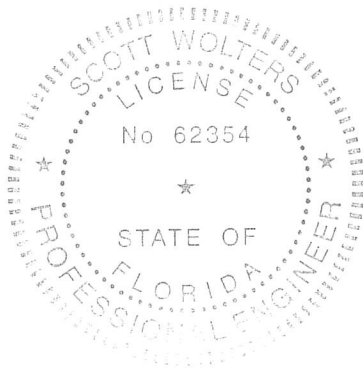
Other Limitations:

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. Design of substrate is by others and is not a part of this evaluation.
3. All panel system perimeters, penetrations, and transitions to 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
21:51:08 -04'00'