

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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

PRODUCT EVALUATION

PRODUCT: BAKER METALS 26 Ga. STEEL TUFF RIB ROOF PANEL,
36" WIDE x 3/4" RIB HEIGHT OVER 18 Ga. (min) STEEL PURLINS
(FLPA# 48389.2)

MANUFACTURER: BAKER METAL WORKS & SUPPLY, Inc.
5846 HIGHWAY 189
BAKER, FL 32531

To all concerned,

The Baker Metals Tuff Rib Roof Panel, manufactured by Baker Metal Works & Supply, is a 36" wide x 3/4" rib height 26 Ga. galvalume coated steel roof panel (60 ksi min) that meets the requirements of Section 1507.4 of the 9th Edition (2026) Florida Building Code. The panel has been tested per UL 580 and UL 1897 by Intertek B&C (West Palm Beach), with results shown in test report T2519.01-450-44. It has also been tested per ASTM G155 by PRI Construction Materials Technologies, with results shown in test report 945T0004.

Technical Documentation:

1. Drawing "BTR26SP" dated 9/6/26, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Intertek B&C. signed and sealed by Tyler Westerling, PE.
3. Test Reports listed above by PRI, signed and sealed by Zachary Priest, PE.
4. Supplemental Calculations to support BTR26SP, 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 of the requirements of the 9th Edition (2026) Florida Building Code generally, and chapters 15 and 17 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>	<u>Min. Slope:</u>	2":12"
	<u>Note:</u>	Slopes less than 3":12" require lap-sealant per FBC 1507.4
	Max Panel Width:	36" (Nominal)
	Min Rib Height:	3/4"
	Min Fastener:	See Chart Below
	Max. Fastener Spacing:	
	Along Panel:	See Chart Below
	Across Panel:	9" O.C.
	Max. Design Pressure:	See Chart Below

MAXIMUM (ASD) DESIGN PRESSURE (+/- psf)							
PURLIN/ FASTENER SPACING (in)	FASTENER	STEEL PURLIN					
		F _{UT} = 45 ksi (min)			F _{UT} = 68 ksi (min)		
	SIZE	18 Ga.	16 Ga.	14 Ga.	18 Ga.	16 Ga.	14 Ga.
60	#10-16 HWH FASTENER WITH WEATHER-SEAL WASHER	31	38	48	44	55	56
	#12-14 HWH FASTENER WITH WEATHER-SEAL WASHER	35	44	55	50	56	56
	#10-16 DEWALT DRILIT (#1 POINT) WITH WEATHER-SEAL WASHER	49	56	56	56	56	56
24	#10-16 HWH FASTENER WITH WEATHER-SEAL WASHER	60	60	60	60	60	60

** 300 Series stainless steel fasteners are required within 3000 ft of a saltwater Coastline.

Minimum Substrate: 18 Ga. (min) steel purlins. Design of steel purlins is not a part of this evaluation.

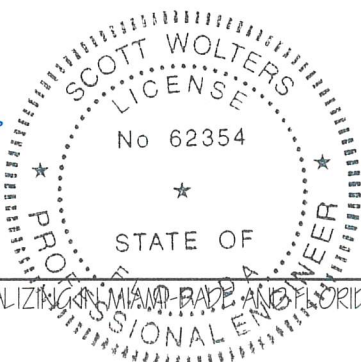
Other Limitations:

1. Roof slope must meet requirements of FBC Sections 1504.7 and 1507.4.2.
2. Fire classification is not a part of this evaluation. Refer to a current Approved Roofing Materials Directory for fire ratings of this product.
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 the manufacturer's installation instructions and RAS 133.
5. This approval is for roof panels only. Hip and Ridge covers used with this system must be tested and approved per FBC Section 1504.3.1.1.

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

Thank you,


 Scott Wolters
 FL PE# 62354
 SEP 07 2026



Digitally signed
 by Scott Wolters
 Date: 2026.09.07
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