

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: DIXIE SUPPLY 26 Ga. STEEL PBR ROOF PANEL,
36" WIDE x 1 1/4" RIB HEIGHT OVER 18 Ga. (min) STEEL PURLINS
(FLPA# 48391.1)

MANUFACTURER: DIXIE BUILDING SUPPLY, Inc.
4906 HIGHWAY 45
EIGHT MILE, AL 36613

To all concerned,

The Dixie PBR Roof Panel, manufactured by Dixie Building Supply, is a 36" wide x 1 1/4" 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 ASTM E1592 by Intertek B&C (West Palm Beach), with results shown in test report T2519.07-450-44. It has also been tested per ASTM G155 by PRI Construction Materials Technologies, with results shown in test report 945T0004.

Technical Documentation:

1. Drawing "DPBR26SP" 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 DPBR26SP, 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:	1 1/4"
	Min Fastener:	See Chart Below
	Max. Fastener Spacing:	
	Along Panel:	See Chart Below
	Across Panel:	12" O.C.
	<u>Note:</u>	Panel Seams are fastened with #10x7/8" HWH Fasteners with Weather-seal Washers.**
	Max. Design Pressure:	See Chart Below

MAXIMUM (ASD) DESIGN PRESSURE (+/- psf)							
PURLIN/ FASTENER SPACING (in)	FASTENER SIZE	STEEL PURLIN					
		F _{UT} = 45 ksi (min)			F _{UT} = 68 ksi (min)		
		18 Ga.	16 Ga.	14 Ga.	18 Ga.	16 Ga.	14 Ga.
60	#10-16 HWH FASTENER WITH WEATHER-SEAL WASHER	23	29	36	33	41	45
	#12-14 HWH FASTENER WITH WEATHER-SEAL WASHER	26	33	41	38	45	45
	#10-16 DEWALT DRILIT (#1 POINT) WITH WEATHER-SEAL WASHER	37	45	45	45	45	45

** 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.

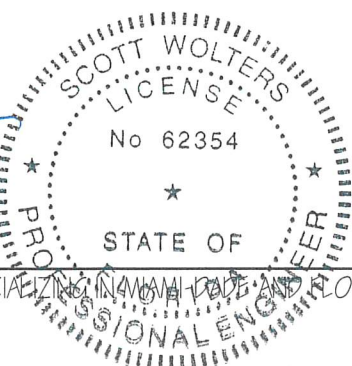
Other Limitations:

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 Walters
 FL PE# 62354
 SEP 07 2026



Digitally signed
 by Scott Walters
 Date: 2026.09.07
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