



EVALUATION REPORT

FLORIDA BUILDING CODE 8TH EDITION (2023)

Manufacturer: D7 METALS LLC
6003 N Palafox St
Pensacola, FL 32505
(850) 806-9733

Issued February 13, 2026

Manufacturing: Pensacola, FL

Quality Assurance: PRI Construction Materials Technologies, LLC (QUA9110)

SCOPE

Category: Roofing
Subcategory: Metal Roofing
Code Edition: Florida Building Code 8th Edition (2023)
Code Sections: 1504.3, 1504.7
Properties: Wind Resistance

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	2432T0007	ASTM E 1592	2005(2017)
PRI Construction Materials Technologies (TST5878)	2432T0008	FM 4471	1992
		FM 4470	2016
PRI Construction Materials Technologies (TST5878)	2432T0009	ASTM E 1592	2005(2017)
PRI Construction Materials Technologies (TST5878)	2432T0010	FM 4471	1992
		FM 4470	2016

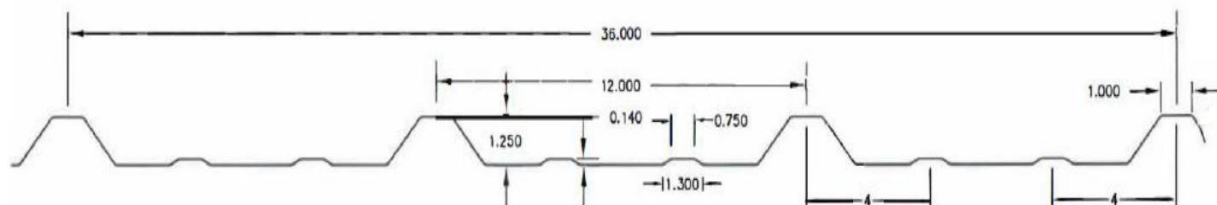
PRODUCT DESCRIPTION

D-PBR

Profile: 1 1/4-inch ribs at 12-inch o.c.; 36-inch coverage

Description: Through-fastened metal roof panel

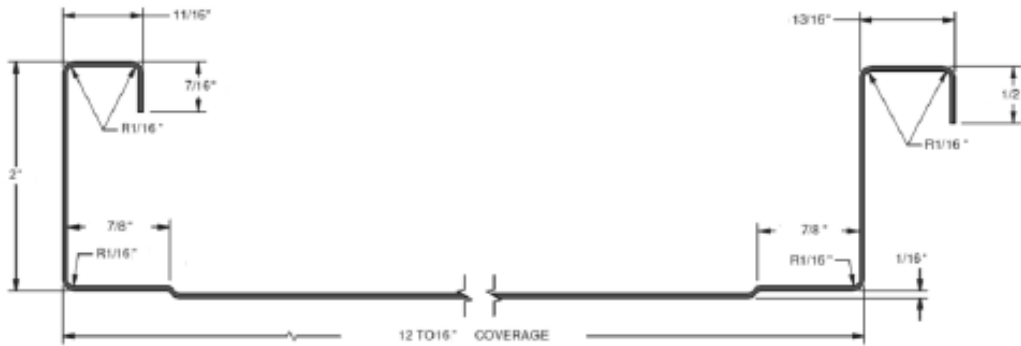
Material: Min. 24 ga. ASTM A792 AZ55, Grade 50 steel; Shall conform with FBC Section 1507.4.3



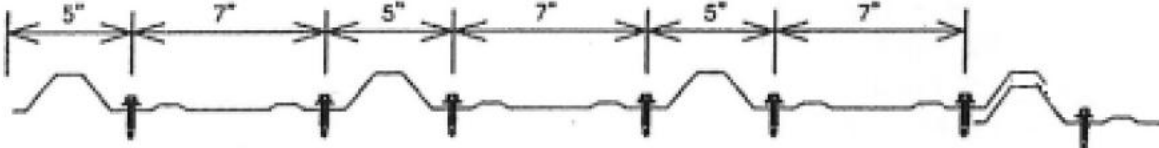


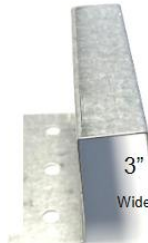
DSS-210

Profile: 2-inch standing seam; 180° mechanical lock; Max. 16-inch coverage
Description: Standing seam metal roof panel
Material: Min. 24 ga. ASTM A792 AZ50, Grade 50 steel; Shall conform with FBC Section 1507.4.3



APPROVED ASSEMBLIES

System PBR-1:	
Slope:	Shall be in accordance with FBC Section 1507.4.2.
Purlins:	Minimum 16 ga., ASTM A653 steel purlins spaced maximum 60-inch o.c. with minimum 3-inch wide bearing surface. Purlins shall be designed by others in accordance with FBC requirements.
Attachment:	#1/4-14 x minimum 1.25-inch HWH TCP self-drilling screws with bonded EPDM sealing washer secured across the panel width adjacent to the rib at each purlin with the fastening pattern shown below. Panel side laps are fastened 24-inch o.c. with 1/4"-14 x 1-inch HWH TCP self-drilling screws with bonded EPDM sealing washer. Fasteners shall penetrate through the purlin a minimum 3/4-inch and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	+45 psf/-67.5 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
	

System DSS-210-1:	
Slope:	Shall be in accordance with FBC Section 1507.4.2.
Purlins:	Minimum 16 ga., ASTM A653 steel purlins spaced maximum 60-inch o.c. with minimum 3-inch wide bearing surface. Purlins shall be designed by others in accordance with FBC requirements.
Attachment:	2" Standing Seam Clips installed with two (2) #10-16 x minimum 1-inch Ultra Z TCP3 self-drilling pancake head screws per clip at each purlin. Panel mechanically seamed with 180° lock. Fasteners shall penetrate through the purlin a minimum 3/4-inch and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	+45 psf/-30 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
 2" Standing Seam Clips – 22 ga., 2 1/8-inch height x 3-inch width 2" Newtech Mech Lock Panel Clip, Direct Metals CMF2183334G22	



LIMITATIONS

1. This report is not for use in the HVHZ.
2. Fire classification is not within the scope of this evaluation.
3. The purlins shall be designed by others to meet the minimum design loads established for components and cladding and in accordance with FBC requirements.
4. Roof systems are evaluated for wind resistance as non-structural roof cladding only. Where structural applications are desired, Chapter 16 structural load evaluations shall be provided by a licensed design professional to the satisfaction of the Authority Having Jurisdiction.
5. Reroofing shall be in accordance with FBC Section 1511.
6. Installation of the evaluated products shall comply with this report, the FBC and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
7. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

This report has been prepared in accordance with F.A.C. Rule 61G20-3.



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Priest, PE, on 2/13/2026.

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CREEK Technical Services, LLC

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Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

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END OF REPORT