CREEK
TECHNICAL SERVICES, LLC

Registry No. 29824
(813) 480-3421

EVALUATION REPORT

FLORIDA BUILDING CODE 9TH EDITION (2026)

Issued July 30, 2026

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

Manufacturing: Pensacola, FL

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

SCOPE

Category: Roofing
Subcategory: Metal Roofing
Code Edition: Florida Building Code 9th Edition (2026)
Code Sections: 1504.3, 1504.7
Properties: Wind Resistance

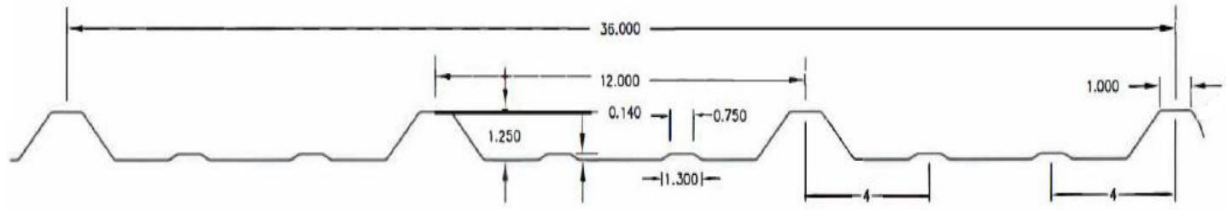
REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	2432T0007	ASTM E 1592	2005(2017)
PRI Construction Materials Technologies (TST5878)	2432T0008	FM 4471	1992
		FM 4470	2022
PRI Construction Materials Technologies (TST5878)	2432T0009	ASTM E 1592	2005(2017)
PRI Construction Materials Technologies (TST5878)	2432T0010	FM 4471	1992
		FM 4470	2022

PRODUCT DESCRIPTION

D-PBR

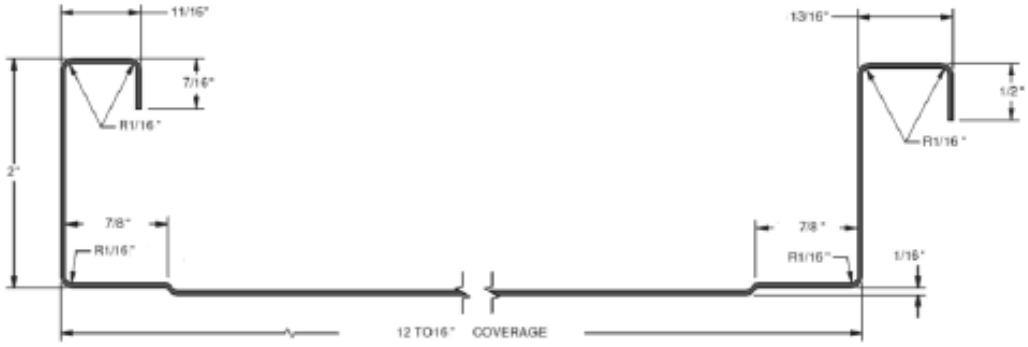
Profile: 1 1/4-inch ribs at 12-inch o.c.; 36-inch coverage
Description: Through-fastened metal roof panel
Material: Min. 24 ga. ASTM A792 AZ55, Grade 50 steel; Shall conform with FBC Section 1507.4.3



This evaluation report is provided for State of Florida product approval under Rule 61G20-3. The manufacturer shall notify CREEK Technical Services, LLC of any product changes or quality assurance changes throughout the duration for which this report is valid. This evaluation report does not express nor imply warranty, installation, recommended use, or other product attributes that are not specifically addressed herein.

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



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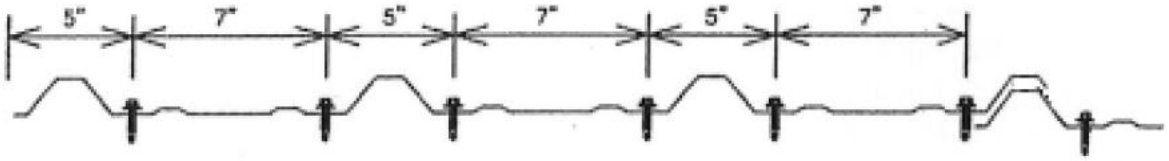
APPROVED ASSEMBLIES

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** *Pressure calculated using 2:1 margin of safety per 1504.9*



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** *Pressure calculated using 2:1 margin of safety per 1504.9*

2" Standing Seam Clips – 22 ga., 2 1/8-inch height x 3-inch width
2" Newtech Mech Lock Panel Clip, Direct Metals CMF2183334G22

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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. Materials shall conform to FBC Sections 1506 and 1711.
8. FBC Section 1504.3.1.1 is not within the scope of this evaluation. Compliance with FBC Section 1504.3.1.1 shall be established through other *approved* products.
9. 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.

This item has been digitally signed and sealed by Zachary R. Priest, PE, on 7/30/2026.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Zachary R. Priest

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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.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT

This evaluation report is provided for State of Florida product approval under Rule 61G20-3. The manufacturer shall notify CREEK Technical Services, LLC of any product changes or quality assurance changes throughout the duration for which this report is valid. This evaluation report does not express nor imply warranty, installation, recommended use, or other product attributes that are not specifically addressed herein.