



EVALUATION REPORT

FLORIDA BUILDING CODE, 9TH EDITION (2026)

Manufacturer: TRI COUNTY METALS
301 SE 16th Street
Trenton, FL 32693
(877) 766-3309
www.tricountymetals.com

Issued August 5, 2026

Manufacturing Locations: Trenton, FL

Quality Assurance: PRI Construction Materials Technologies (QUA9110)

SCOPE

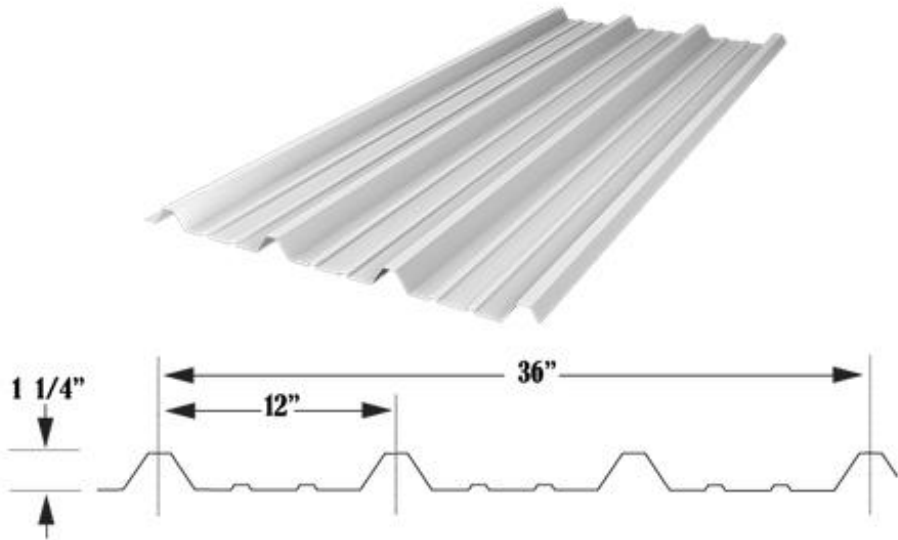
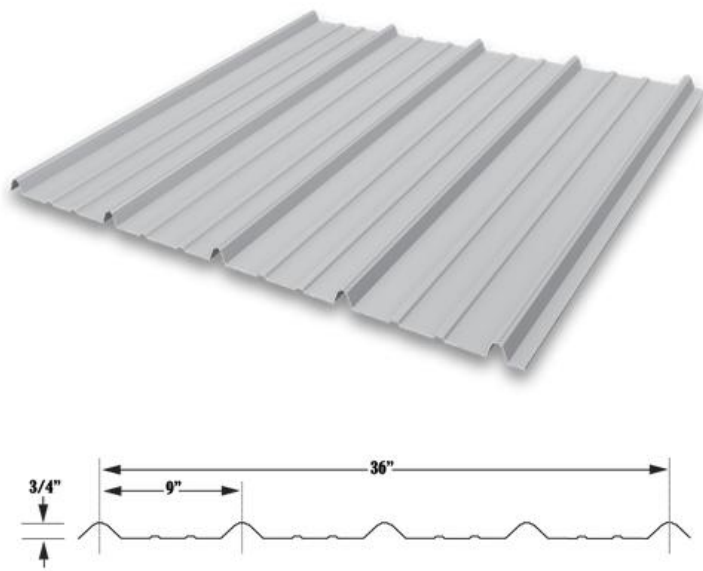
Category: Structural Components
Subcategory: Structural Wall
Code Edition: Florida Building Code, 9th Edition (2026) Non-HVHZ
Code Sections: 1709.2
Properties: Wind Resistance

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Force Engineering & Testing, Inc. (TST5328)	136-025T-15A	ASTM E 1592	2005(2017)
Force Engineering & Testing, Inc. (TST5328)	136-025T-15B	ASTM E 1592	2005(2017)
Force Engineering & Testing, Inc. (TST5328)	136-0393T-07A	ASTM E 1592	2005(2017)
Force Engineering & Testing, Inc. (TST5328)	136-0393T-07B	ASTM E 1592	2005(2017)
PRI Construction Materials Technologies (TST5878)	1930T0017	ASTM E 1592	2005(2017)
PRI Construction Materials Technologies (TST5878)	1930T0047	ASTM E 1592	2005(2017)

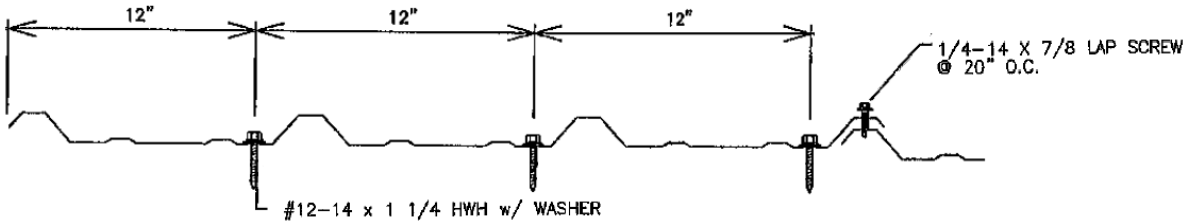


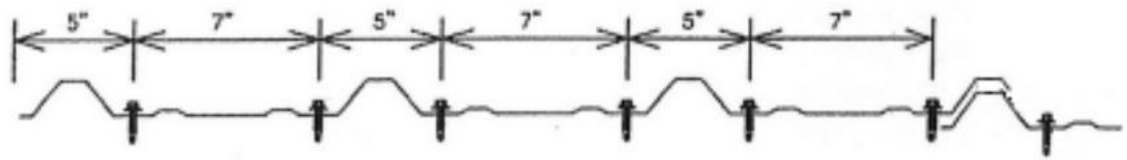
PRODUCT DESCRIPTION

PBR	Profile:	1-1/4 in. ribs at 12 in. o.c.; 36 in. coverage
	Description:	Through-fastened wall panel over steel girts
	Material:	Min. 26 ga. (F_y = min. 80 ksi) ASTM A653 G90, ASTM A792 AZ50 steel coated with Fluropon® or WeatherXL or ASTM A792 AZ55 steel; Shall conform with FBC Section 1405.2
		
Ultra Rib	Profile:	3/4 in. ribs at 9 in. o.c.; 36 in. coverage
	Description:	Through-fastened wall panel over steel girts
	Material:	Min. 29 ga. (F_y = min. 80 ksi) ASTM A653 G90, ASTM A792 AZ50 steel coated with Fluropon® or WeatherXL or ASTM A792 AZ55 steel; Shall conform with FBC Section 1405.2
		

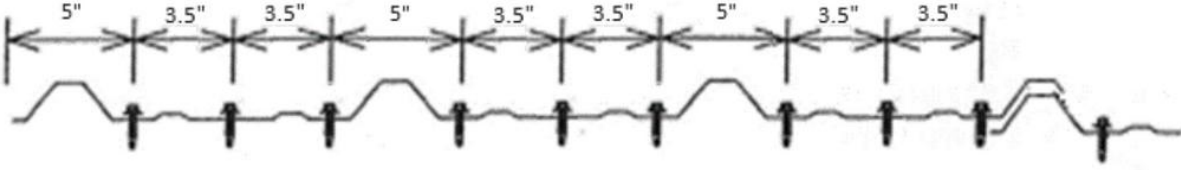


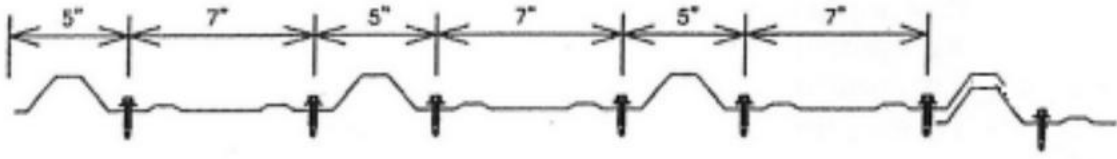
APPROVED ASSEMBLIES

System PBR-1: Min. 26 ga. steel	
Girts:	Minimum 16 ga. steel girts with minimum 3 in. wide bearing surface spaced maximum 60 in. o.c. Girts shall be designed by others in accordance with FBC requirements.
Attachment:	Minimum #12-14 x 1.25 in. HWH self-drilling screws with sealer washer installed at each girt with the fastening pattern shown below. Panel seams are secured with 1/4"-14 x 7/8 in. Lap Tek screws with washer spaced maximum 20 in. o.c. Fasteners shall fully penetrate through the girt and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	+55/-45 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
	

System PBR-2: Min. 26 ga. steel	
Girts:	Minimum 16 ga. steel girts with minimum 3 in. wide bearing surface spaced maximum 60 in. o.c. Girts shall be designed by others in accordance with FBC requirements.
Attachment:	Minimum #12-14 x 1.5 in. Impax screws, cupped HWH with bonded EPDM sealer washer installed adjacent to the rib at each girt with the fastening pattern shown below. Panel seams are secured with 1/4"-14 x 7/8 in. ZAC Impax Lap screws with bonded EPDM sealer washer spaced maximum 20 in. o.c. Fasteners shall fully penetrate through the girt and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	+55/-55 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
	



System PBR-3: Min. 26 ga. steel	
Girts:	Minimum 16 ga. steel girts with minimum 3 in. wide bearing surface spaced maximum 60 in. o.c. Girts shall be designed by others in accordance with FBC requirements.
Attachment:	Minimum #12-14 x 1.5 in. Impax screws, cupped HWH with bonded EPDM sealer washer installed adjacent to the rib at each girt with the fastening pattern shown below. Panel seams are secured with 1/4"-14 x 7/8 in. ZAC Impax Lap screws with bonded EPDM sealer washer spaced maximum 20 in. o.c. Fasteners shall fully penetrate through the girt and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	+55/-65 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
	

System PBR-4: Min. 26 ga. steel	
Girts:	Minimum 16 ga. steel girts with minimum 3 in. wide bearing surface spaced maximum 24 in. o.c. Girts shall be designed by others in accordance with FBC requirements.
Attachment:	Minimum #12-14 x 1.5 in. Impax screws, cupped HWH with bonded EPDM sealer washer installed adjacent to the rib at each girt with the fastening pattern shown below. Panel seams are secured with 1/4"-14 x 7/8 in. ZAC Impax Lap screws with bonded EPDM sealer washer spaced maximum 20 in. o.c. Fasteners shall fully penetrate through the girt and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	+150/-142.5 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
	



System RIB-1: Min. 29 ga. steel	
Girts:	Minimum 18 ga. steel girts with minimum 1.5 in. wide bearing surface spaced maximum 60 in. o.c. Girts shall be designed by others in accordance with FBC requirements.
Attachment:	Minimum #12-14 x 0.75 in. HWH self-drilling screws with sealer washer installed at each girt with the fastening pattern shown below. Panel seams are secured with #12-14 x 0.75 in. HWH self-drilling screws with washer spaced maximum 24 in. o.c. Fasteners shall fully penetrate through the girt and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	+26/-31.2 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>

LIMITATIONS

1. This report is not for use in the HVHZ.
2. Fire classification is not within the scope of this evaluation.
3. The design wind loads shall be determined by others in accordance Chapter 16 of the FBC.
4. Rational analysis shall be prepared by a qualified design professional in accordance with the FBC. Design analysis shall consider web crippling and fastener pullout/pullover in accordance with Section 2210 of the FBC.
5. Diaphragm, shear, and axial capacity are not within scope of this evaluation.
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. Fastening components shall conform to FBC Section 1711.
8. 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 8/5/2026.

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
CREEK Technical Services, LLC

2026.08.05
11:39:09
-04'00'

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