



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: TRIMAK BUILDING COMPONENTS
2502 Frontage Park Place
Plant City, FL 33563
(813) 800-4766
www.trimakbuildings.com

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Manufacturing: Plant City, FL

Quality Assurance: PRI Construction Materials Technologies (QUA9110)

SCOPE

Category: Panel Walls
Subcategory: Siding
Code Edition: Florida Building Code, 8th Edition (2023)
Code Sections: 1404.5
Properties: Wind Resistance

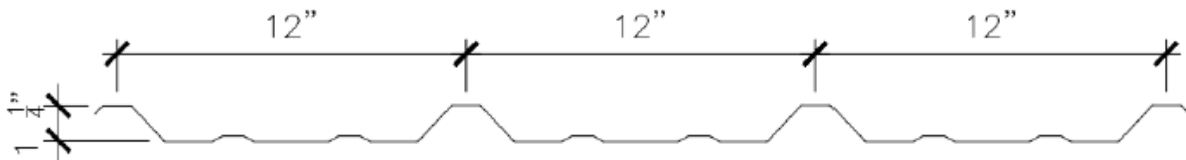
REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	2564T0001	ASTM E 1592	2005(2017)
PRI Construction Materials Technologies (TST5878)	2564T0003	ASTM E 283	2004(2012)
		ASTM E 331	2000(2009)

PRODUCT DESCRIPTION

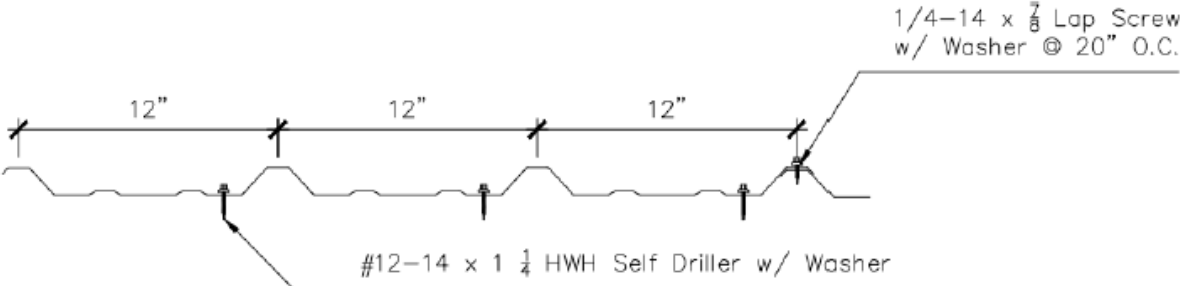
26 ga. Steel PBR

Profile: 1 1/4-inch ribs and 12-inches o.c.; Maximum 36 in. coverage
Description: Structural, through-fastened, wall panel over steel girts
Material: Min. 26 ga. 0.0199" steel (F_y = min. 100 ksi);
Shall conform with FBC Section 1507.4.3





APPROVED ASSEMBLIES

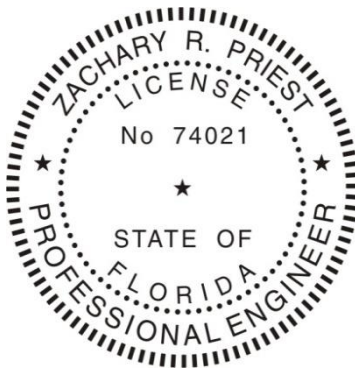
System 1: 26 ga. Steel PBR			
Steel Girts:	Minimum 16 ga., ASTM A653 steel girts spaced at maximum span stated in the table below for the desired Maximum Design Pressure. Girts shall be designed by others in accordance with FBC requirements.		
Attachment:	#12-14 x min. 1 1/4-inch SteelZIP S.C.A.M.P. Self Drill HWH screws with washer shall be installed as shown below at each support. Fasteners shall penetrate through the steel girts a min. 3/4-inch. Panel side laps shall be stitched with 1/4"-14 x 7/8-inch SteelZIP S.C.A.M.P. Stitch HWH screws a maximum of 20-inch o.c. as observed below. All fasteners shall be corrosion resistant in accordance with section 1507.4.4.		
Maximum Design Pressures: <i>Based on three or more panel spans</i>	Maximum Panel Span	Maximum Positive Pressure	Maximum Negative Pressure
	60-inch	+45 psf	-35 psf
	54-inch	+56.3 psf ¹	-46.7 psf ¹
	48-inch	+67.5 psf ¹	-61.9 psf ¹
	42-inch	+78.8 psf ¹	-70.1 psf ¹
	36-inch	+90 psf ¹	-86.3 psf ¹
	30-inch	+101.3 psf ¹	-98.4 psf ¹
	24-inch	+112.5 psf ¹	-110.6 psf ¹
	18-inch	+124.8 psf ¹	-112.8 psf ¹
	12-inch	+135 psf	-135 psf
 1/4-14 x 7/8 Lap Screw w/ Washer @ 20" O.C. 12" 12" 12" #12-14 x 1 1/4 HWH Self Driller w/ Washer			

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 Section 1603.1.4 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 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. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 8th Edition (2023) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been
digitally signed and
sealed by Zachary R.
Priest, PE, on 9/20/2023.

Printed copies of this
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must be verified on any
electronic copies.


Digitally signed by Zachary R. Priest
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.

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