



EVALUATION REPORT

FLORIDA BUILDING CODE 7TH EDITION (2020)

Manufacturer: GULF COAST SUPPLY & MANUFACTURING, LLC *Issued October 14, 2020*
 14429 SW 2nd Place, Suite G30
 Newberry, FL 32669
 (352) 498-7852
www.gulfcoastsupply.com

Manufacturing Location: Alachua, FL
 Sebring, FL
 Montgomery, AL

Quality Assurance: Keystone Certifications ,Inc. (QUA1824)

SCOPE

Category: Roofing
Subcategory: Metal Roofing
Code Sections: 1504.3
Properties: Wind Resistance

REFERENCES

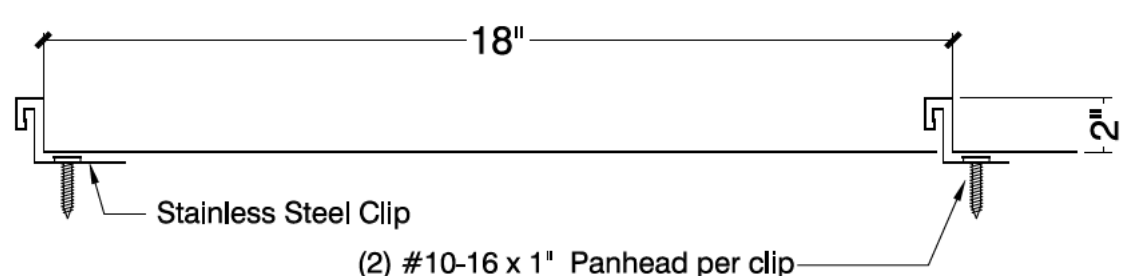
<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Farabaugh Engineering & Testing, Inc. (TST1654)	T202-07	TAS 201	1994
Farabaugh Engineering & Testing, Inc. (TST1654)	T203-07	FM 4471 (G)	2013
Force Engineering & Testing (TST5328)	84-0320T-06A-C	ASTM E 1592	2005(2012)
Force Engineering & Testing (TST5328)	117-0238T-09A	FM 4471	1992
Force Engineering & Testing (TST5328)	117-0238T-09C	FM 4471	1992
Force Engineering & Testing (TST5328)	117-0247T-07B	ASTM E 1592	2005(2012)
Force Engineering & Testing (TST5328)	117-0331T-08C	ASTM E 1592	2005(2012)
Force Engineering & Testing (TST5328)	117-0378T-11A	FM 4471	1992
PR1 Construction Materials Technologies (TST5878)	1272T0005	ASTM G 155	2013

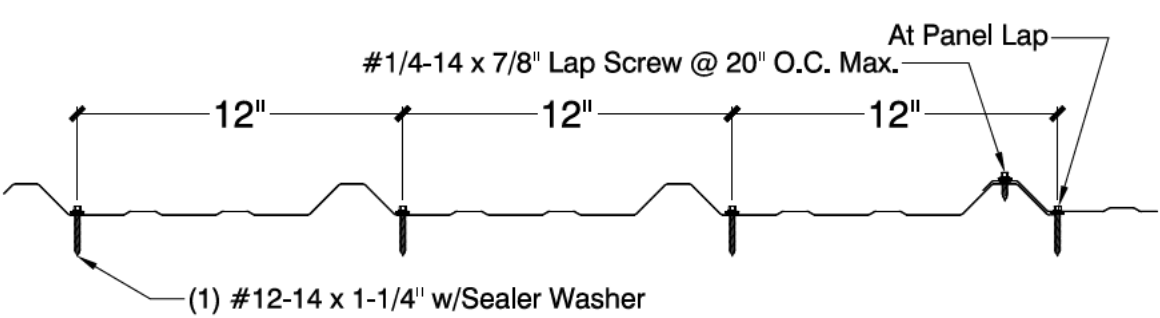


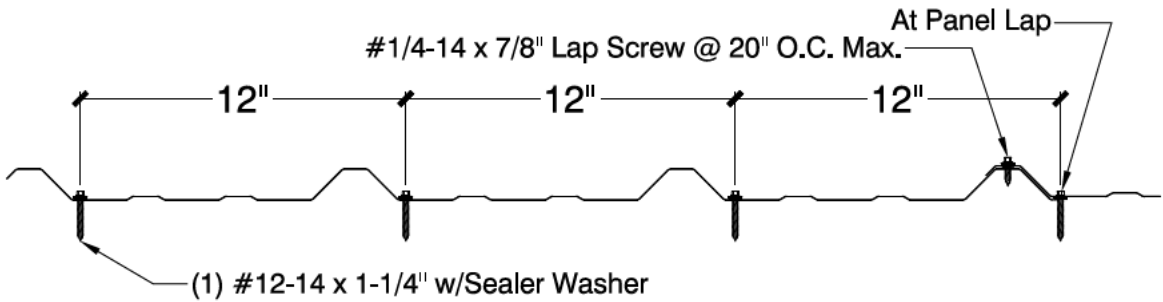
PRODUCT DESCRIPTION

MegaLoc	Profile:	2 in. mechanical seam; Max. 18 in. coverage
	Description:	Non-structural, mechanical lock 180° standing seam roof panel
	Material:	Min. 24 ga. ASTM A792 AZ50 or ASTM A653 G90; Optional Fluoropon® paint finish; F _y = min. 50 ksi; Shall conform with FBC Section 1507.4.3
GulfPBR	Profile:	1 1/4 in. ribs at 12 in. o.c.; 36 in. coverage
	Description:	Non-structural, through fastened roof panel
	Material:	Min. 26 ga. ASTM A792 AZ50 or ASTM A653 G90; Optional Fluoropon® paint finish; F _y = min. 80 ksi; Shall conform with FBC Section 1507.4.3

APPROVED ASSEMBLIES

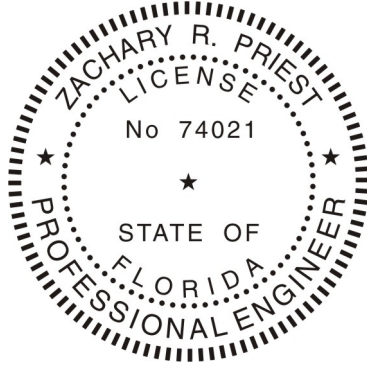
System MEGA-1: MegaLoc (Min. 24 ga. steel)	
Slope:	Shall be in accordance with FBC Section 1507.4.2.
Purlins:	Minimum 16 ga. steel framing. Purlins shall be designed by others in accordance with FBC requirements.
Attachment:	Two (2) #10-16 x minimum 1-inch Pancake screws per NC33003 Sliding Clip , clips spaced maximum 12-inches o.c. Fasteners shall penetrate through the deck a minimum 3/8-inch and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	-120 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
 <p>Stainless Steel Clip (2) #10-16 x 1" Panhead per clip</p>	

System PBR-1: GulfPBR (Min. 24 ga. steel)	
Slope:	Shall be in accordance with FBC Section 1507.4.2.
Purlins:	Minimum 16 ga. steel framing. Purlins shall be designed by others in accordance with FBC requirements.
Attachment:	#12-14 x minimum 1.25-inch HWH WoodZAC screws spaced maximum 60-inches o.c. along the panel width with the fastening pattern shown below. Panel seams are secured with #1/4-14 x 7/8-inch HWH ZAC Impax lap screws spaced maximum 20-inches o.c. Fasteners shall penetrate through the deck a minimum 3/8-inch and shall conform to FBC section 1507.4.4 and 1506.6.
Maximum Design Pressures:	-60 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
 <p>#1/4-14 x 7/8" Lap Screw @ 20" O.C. Max. At Panel Lap (1) #12-14 x 1-1/4" w/Sealer Washer</p>	

System PBR-2: GulfPBR (Min. 26 ga. steel)	
Slope:	Shall be in accordance with FBC Section 1507.4.2.
Purlins:	Minimum 16 ga. steel framing. Purlins shall be designed by others in accordance with FBC requirements.
Attachment:	#12-14 x minimum 1.25-inch HWH WoodZAC screws spaced maximum 60-inches o.c. along the panel width with the fastening pattern shown below. Panel seams are secured with #1/4-14 x 7/8-inch HWH metal screws with sealing washers spaced maximum 20-inches o.c. 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:	-40 psf <i>Pressure calculated using 2:1 margin of safety per 1504.9</i>
 <p style="text-align: center;">#1/4-14 x 7/8" Lap Screw @ 20" O.C. Max. At Panel Lap</p> <p style="text-align: center;">12" 12" 12"</p> <p style="text-align: center;">(1) #12-14 x 1-1/4" w/ Sealer Washer</p>	

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 7th Edition (2020) as evidenced in the referenced documents submitted by the named manufacturer.



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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