



EVALUATION REPORT

FLORIDA BUILDING CODE, 6TH EDITION (2017)

Manufacturer: MID FLORIDA METAL ROOFING SUPPLY, INC. *Issued February 11, 2020*
 28328 County Road 561
 Tavares, FL 32778
 (352) 742-7070
www.mfmrs.com

Manufacturing Location: Tavares, FL

Quality Assurance: Keystone Certifications, Inc. (QUA1824)

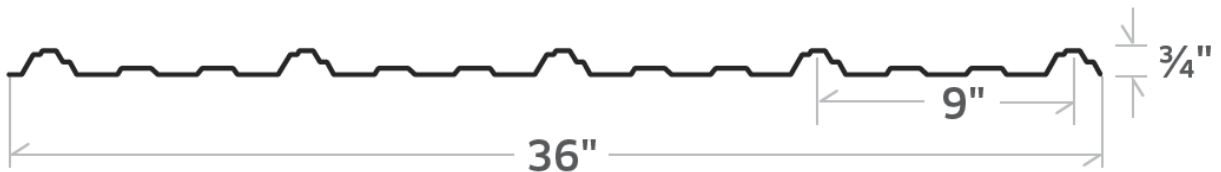
SCOPE

Category: Panel Walls
Subcategory: Siding
Code Sections: 1404.5
Properties: Wind Resistance

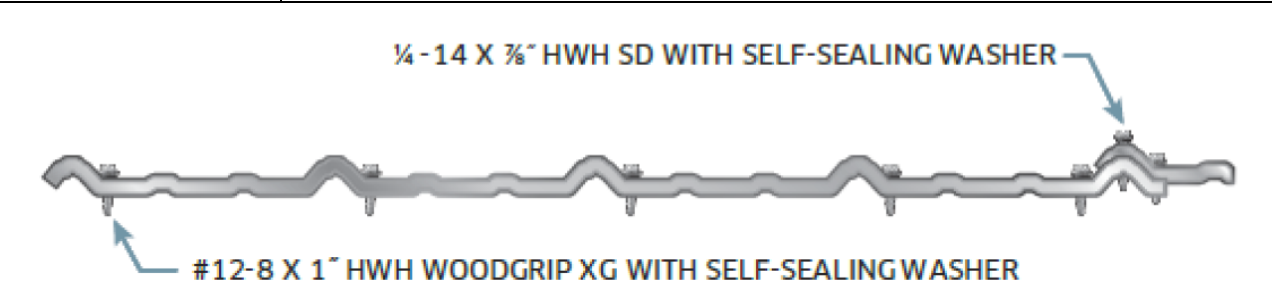
PRODUCT DESCRIPTION

MFMRs Multi-Rib Panel

Profile: 3/4 in. ribs; 36 in. coverage
Description: Structural, through-fastened, wall panel over minimum No. 2 SYP 2x4 wood girts
Material: Min. 29 ga. ASTM A792 AZ50 Grade 80 steel or min. 26 ga. ASTM A792 AZ50 Grade 50 steel. Shall conform with FBC Section 1507.4.3



APPROVED ASSEMBLIES

MFMRs Multi-Rib Panel	
Steel Girts:	Minimum No. 2 SYP 2x4 wood girts spaced a maximum 24-inch o.c. Girt attachment shall be designed by others in accordance with FBC requirements.
Attachment:	Minimum #12-8 x 1-inch HWH Woodgrip™ XG screws with 1/2-inch O.D. sealing washers shall be installed along each wood girt as shown below. Panel side laps shall be stitched with #1/4-14 x 7/8-inch HWH screws with 0.6" O.D. sealing washers a maximum of 12-inch o.c. as observed below. All fasteners shall be corrosion resistant in accordance with section 1507.4.4.
Maximum Design Pressures:	±140 psf Based on three or more spans. 1.5 Factor of Safety applied to test result.
	

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	FAE-008-02-01	ASTM E 1592	2005(2012)

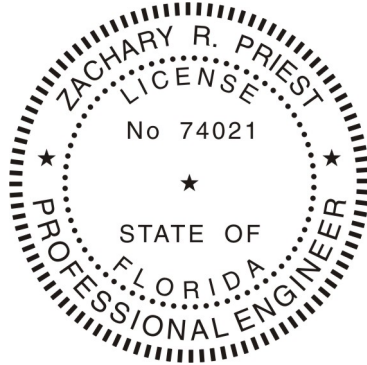
LIMITATIONS

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 deign professional in accordance in 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, 6th Edition (2017) as evidenced in the referenced documents submitted by the named manufacturer.



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