

**EVALUATION REPORT OF  
METAL SALES MANUFACTURING CORPORATION  
'26 GA. CLASSIC RIB PANEL'**

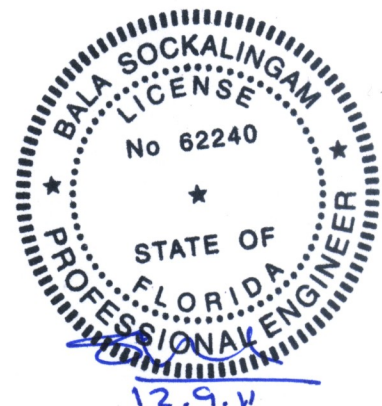
**FLORIDA PRODUCT APPROVAL  
FL 14645.7-R1  
ROOFING  
METAL ROOFING**

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**This report consists of  
Evaluation Report (3 Pages including cover)  
Installation Details (1 Page)**

**Report No. C1800-32  
Date: 12.9.11**



Manufacturer:	Metal Sales Manufacturing Corporation
Product Name:	Classic Rib
Panel Description:	36" wide coverage with (5) 3/4" high ribs
Materials:	Min. 26 ga., 80 ksi steel or min. 24 ga., 50 ksi steel. Galvanized coated steel (ASTM A653) or Galvalume coated steel (ASTM A792) or painted steel (ASTM A755).
Deck Description:	Min. 19/32" thick plywood for new and existing constructions. Designed and installed as per FBC 2010.
Deck Attachment:	8d x 2.5" long ring shank nails or #8 x 2" long wood screws @ 6" o.c. in the plywood field and edges
Underlayment:	Minimum underlayment as per FBC 2010 Section 1507.4.5
Slope:	1/2:12 or greater in accordance with FBC 2010 Section 1507.4.2
Design Uplift Pressure: (Factor of Safety = 2)	74.8 psf @ fastener spacing of 36" o.c. 92.3 psf @ fastener spacing of 24" o.c. 133.9 psf @ fastener spacing of 18" o.c.
Fastener Pattern: Type:	#9-16 or #10-14 hex head wood screws with sealed washer. Fastener shall be of sufficient length to penetrate through the deck a minimum of 3/8".
At panel ends	@ 3.5"-5.5"-3.5" o.c. across panel width
At intermediate	@ 9" o.c. across panel width
Sidelap Attachment:	1/4"-14 x 7/8" long SDS @ 12" o.c.
Test Standards:	Roof assembly tested in accordance with UL 580-94 (Rev 98) 'Uplift Resistance of Roof Assemblies' and TAS 125-03 'Standard Requirements for Metal Roofing Systems'.
Code Compliance:	The product described herein has demonstrated compliance with FBC 2010 Section 1507.4
Product Limitations:	Design wind loads shall be determined for each project in accordance with FBC 2010 Section 1609 or ASCE 7-10 using allowable stress design. The maximum fastener spacing listed herein shall not be exceeded. This evaluation report is not applicable in High Velocity Hurricane Zone. Fire classification is not within scope of this Evaluation Report. Refer to FBC 2010 Section 1505 and current

approved roofing materials directory or ASTM E108/UL790 report from an accredited laboratory for fire ratings of this product.

Supporting Documents: TAS 125-03 & UL580 Test Reports  
Farabaugh Engineering and Testing Inc  
Project No. T193-05, Reporting Date 9/12/05  
Project No. T240-07, Reporting Date 7/12/07