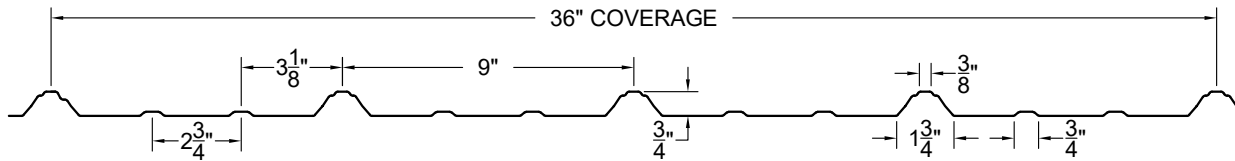




**APEC METAL EXPRESS**  
 985 TECHNOLOGY DRIVE  
 DOTHAN, ALABAMA 36303  
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## TUFF-RIB PANEL



### PANEL OVERVIEW

- ◆ Finishes: 40 Year Siliconized Polyester Paint or Acrylic-Coated Galvalume®
- ◆ Gauges: 29 ga and 26 ga standard
- ◆ 36" panel coverage, 3/4" rib height, 9" On Center
- ◆ Panel Length: Minimum: 1'; Maximum: 40'
- ◆ For use in exposed fastener roof and wall systems
- ◆ 2020 FBC Approval - FL30444-R1
- ◆ UL 580 Uplift Resistance - Class 90 Construction: #560
- ◆ Minimum roof slope: 3:12

SECTION PROPERTIES							
Ga	Width in	Yield ksi	Weight psf	POSITIVE BENDING (TOP IN COMPRESSION)		NEGATIVE BENDING (BOTTOM IN COMPRESSION)	
				Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft
29	36	80	0.63	0.0097	0.0162	0.0060	0.0140
26	36	80	0.83	0.0123	0.0207	0.0080	0.0181

### STANDARD MATERIAL THICKNESS

PANEL GAUGE	DESIGN THICKNESS	MIN. DELIVERED THICKNESS
29	0.0149	0.0142
26	0.0195	0.0185

1. Section properties have been calculated per AISI 2016 'North American Specification for the Design of Cold-Formed Steel Structural Members'.
2. Ixx and Sxx are effective section properties for deflection and bending.
3. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
4. All values are based on one foot of panel width.
5. Panel weight is based on panel coverage width.
6. Panel gauge refers to the design and minimum delivered uncoated thicknesses noted in the panel thickness table.

The Engineering data contained herein is for the express use of customers and design professionals. Along with this data, it is recommended that the design professional have a copy of the most current version of the *North American Specification for the Design of Cold-Formed Steel Structural Members* published by the American Iron and Steel Institute to facilitate design. This Specification contains the design criteria for cold-formed steel components. Along with the Specification, the designer should reference the most current building code applicable to the project jobsite in order to determine environmental loads. If further information or guidance regarding cold-formed design practices is desired, please contact the manufacturer.