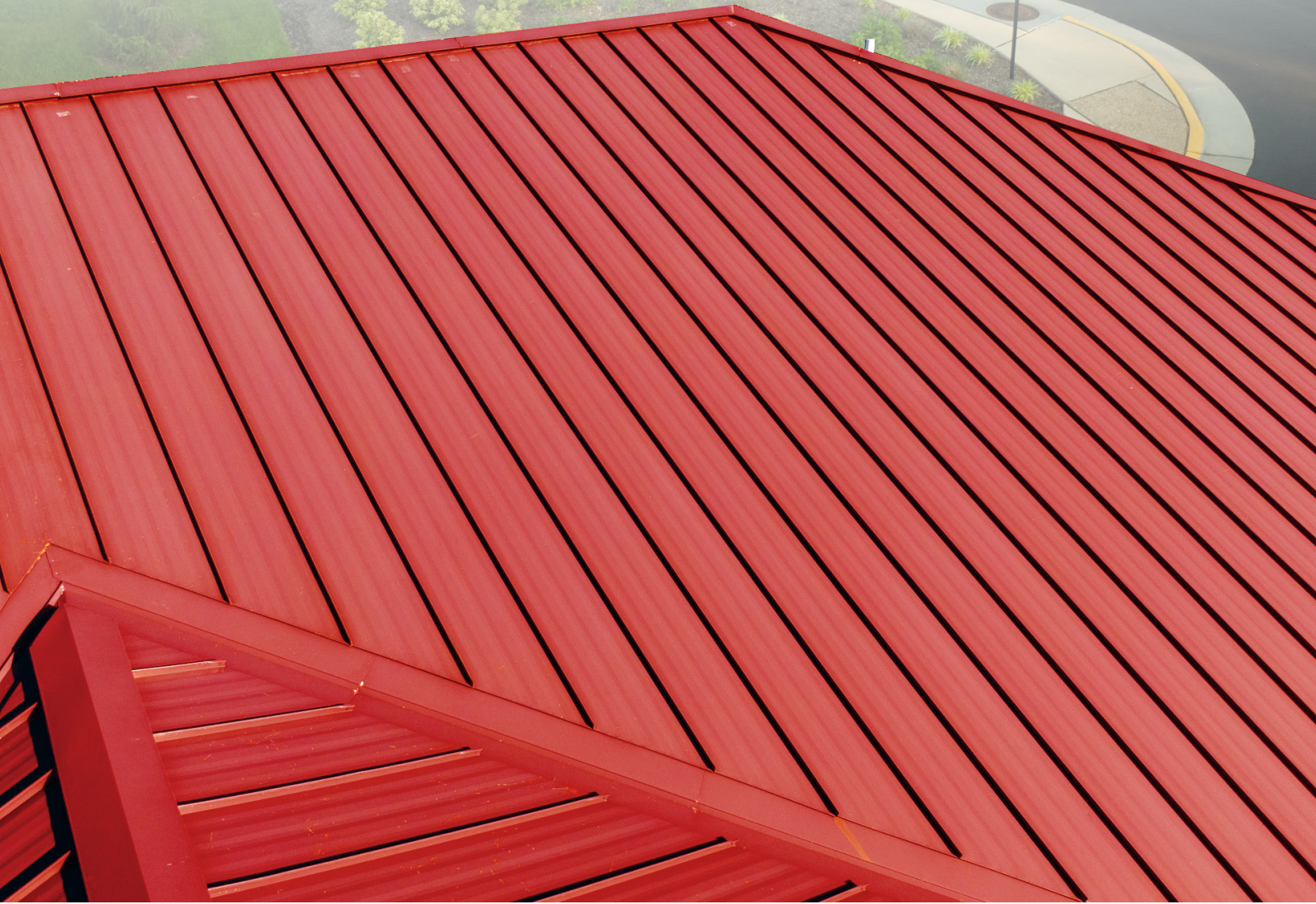




| Idaho Falls, ID



| **3' DELTA RIB**

MATERIAL SPECIFICATIONS

SIZE	3" DELTA RIB
Gauges	28, 26
Weight	1.98 lb. /LF, 2.67lb Steel Yield Stress: 80,000 psi Galvalume Steel Gauge, AZ-50
Substrate	AZ-50, Grade D, 50,000ksi
Paint System	Stormshield Xt-40, Energy Star® Rated, Silicone Modified Polyester
Warranties	40-Years
Materials	Painted, Galvalume®
Gauging System	Teton Steel follows the national A.I.S.I. (American Iron and Steel Institute) specifications manual for tolerances in galvanized sheet metal. <i>All gauges conform to ASTM A792 and ASTM A653 Grade E (80,000 min. yield)/or Grade D (50,000 min. yield) unless otherwise designated at time of order.</i>



Refer to Color Chart for Color Availability

LOAD TABLES

Span (ft.)	Three or More Span Condition		
	28 Gauge & 80 ksi		
	LL(S)	LL(D)	OUTWARD(S)
3	41.2	36.7	39.2
4	23.2	15.5	22.1
5	14.8	7.9	14.1

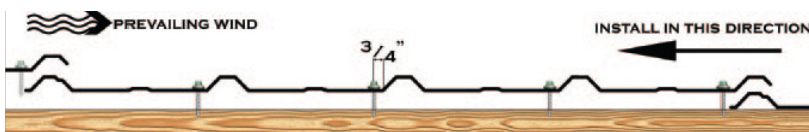
- 1 ½" Bearing Length
- Load Span Tables Based on Working Stress
- Flexural Design analysis according to AISI "Specification for the Design of Light Gauge Cold-Formed Steel Structural Members" May 1981
- Continuous Span Loading applies to sheets continuous over three or more spans
- Weight of sheet has not been allowed for when calculating live load and Uplift.
- Deflection (L/180) limiting live load based on deflection of span.
- Metal thickness based on minimum ASTM specifications for allowable load calculations
- Loads may be increased by 1/3 for wind loads

Areas of discontinuity are subject to higher spikes in wind pressure, therefore a different coefficient in wind pressure will need to be considered and multiplied by a factor of 1.

Data from: 1994 UBC Table 16-F

Note: The load tables have been compiled for the design of steel roofing and siding used in conjunction with either wood or steel framed structures. Teton Steel assumes no responsibility, either expressed or implied, for its use.

APPLICATION DETAILS

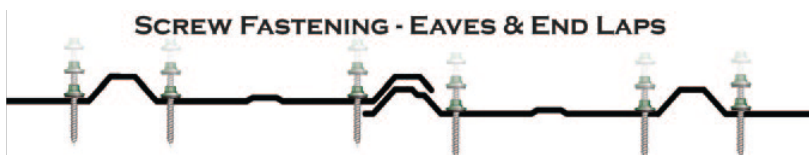


Screw Application:

#10 Wood grip fasteners are designed for use with dimensional lumber, #14 Wood grip fasteners are designed for use with plywood sheathing, OSB, and wafer wood (7/16" minimum thickness). #12 Tek screws are designed to be used with structural steel up to 3/16" in thickness.

Roof Application:

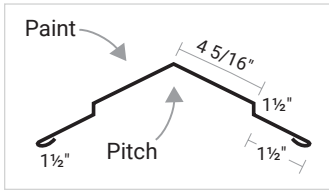
Fasteners to be applied along side every rib and attached to each purlin, 2' on center. Please note that it is the responsibility of the builder to ensure that purlins are adequately spaced to meet specific engineering requirements.



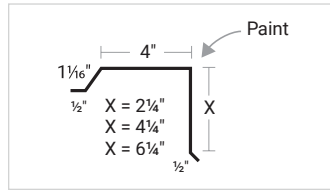
Minimum Slope Requirement: 3:12

28 GA. (10'3")

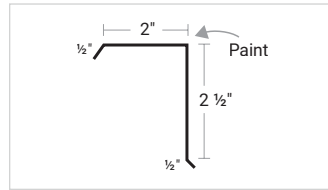
Standard Ridge Cap



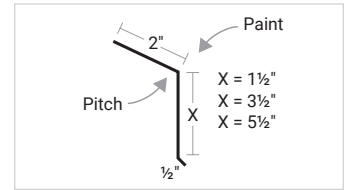
Gable



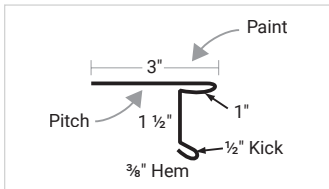
Mini Gable



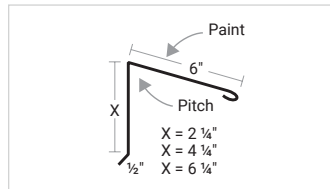
Eave



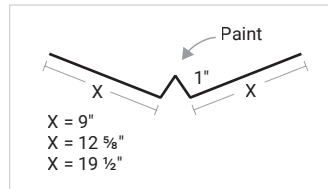
Style D-Eave



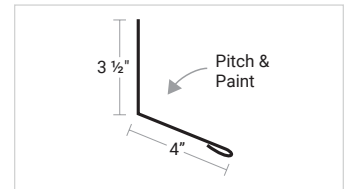
High Eave



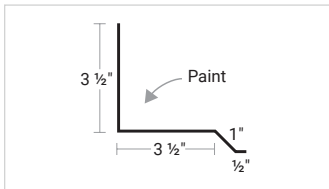
W-Valley



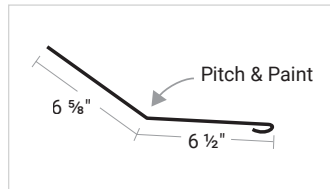
Endwall



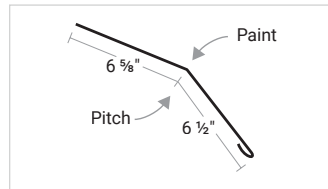
Sidewall



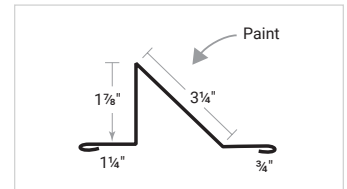
Lower Transition



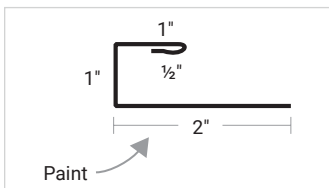
Upper Transition



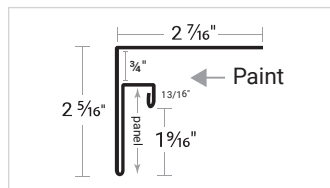
Snow Stop



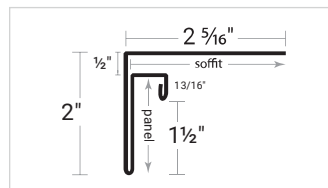
3/4 J-Metal



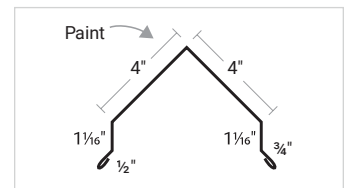
F+J 1 3/4 inch x 3/4 inch



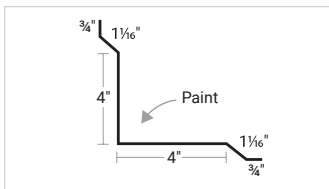
F+J 1/2 inch x 3/4 inch



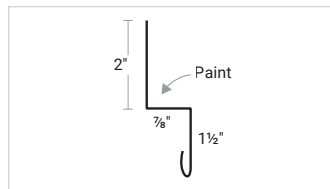
Outside Corner



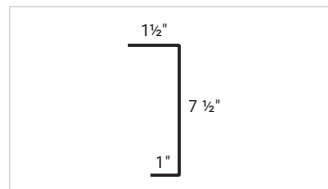
Inside Corner



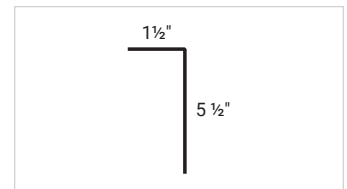
Wainscot



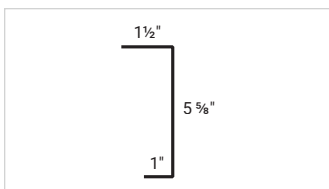
Standard Door Jamb



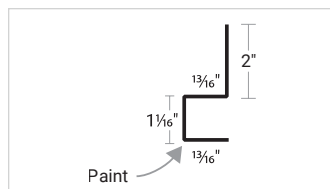
Open Jamb



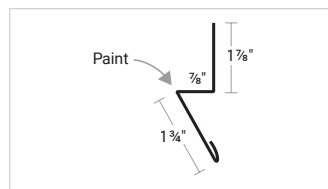
Mini Door Jamb



Square Base



Angle Base



L-Base / Drip Cap

