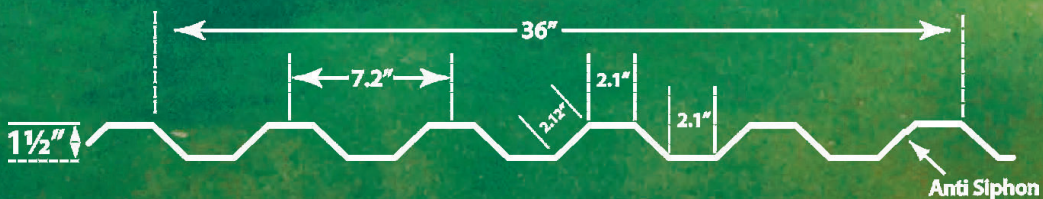


EPIC STEEL

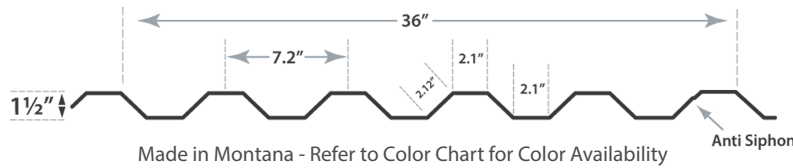
7.2" BOX RIB

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7.2" BOX RIB

MATERIAL SPECIFICATIONS



Gauge: 22, 24, 26

Weight: 22 Ga. - 5lb/LF
24 Ga. - 4lb/LF
26 Ga. - 3lb/LF

Paint System: Kynar 500 /Hylar 5000

Warranty: 35 Years

Available Material Types: Painted, Galvalume, Bonderized Rezipbond, 2-Tone, Core-Ten Vintage, 16 & 20 oz Copper

Gauging System: Epic Steel follows the national A.I.S.I (American Iron and Steel Institute) specifications manual for tolerance in galvanized sheet metal.

All gauges conform to ASTM: A525, A606, A653, A792, and A925. Grade D (50,000 min. yield) unless otherwise specified at the time of the order.

LOAD TABLES

26 Gauge (0.0181"), Fy = 60 ksi, Fu = 61.5 ksi						
SPAN TYPE	LOAD TYPE	SPAN IN FEET				
		3.0	4.0	5.0	6.0	7.0
1-span	NEGATIVE WIND LOAD	237.61	133.66	85.54	59.40	43.64
	LIVE LOAD/DEFLATION	162.95	103.02	52.75	30.53	19.22
2-span	NEGATIVE WIND LOAD	222.59	136.44	91.38	65.16	48.68
	LIVE LOAD/DEFLATION	143.95	107.96	79.83	56.57	42.08
3-span	NEGATIVE WIND LOAD	258.47	162.17	110.20	79.32	59.63
	LIVE LOAD/DEFLATION	163.58	122.69	97.08	64.84	40.83
4-span	NEGATIVE WIND LOAD	247.30	153.99	104.13	74.72	56.05
	LIVE LOAD/DEFLATION	157.45	118.09	91.48	65.14	44.07

24 Gauge (0.0223"), Fy = 50 ksi, Fu = 60 ksi						
SPAN TYPE	LOAD TYPE	SPAN IN FEET				
		3.0	4.0	5.0	6.0	7.0
1-span	NEGATIVE WIND LOAD	251.48	141.46	90.53	62.87	46.19
	LIVE LOAD/DEFLATION	202.14	135.78	69.52	40.23	25.33
2-span	NEGATIVE WIND LOAD	253.79	147.73	96.14	67.39	49.79
	LIVE LOAD/DEFLATION	156.28	117.21	88.20	61.73	45.57
3-span	NEGATIVE WIND LOAD	307.17	181.07	118.61	83.46	61.81
	LIVE LOAD/DEFLATION	117.59	133.19	106.55	76.57	53.77
4-span	NEGATIVE WIND LOAD	289.91	170.16	111.21	78.15	57.83
	LIVE LOAD/DEFLATION	170.93	128.19	102.17	71.66	52.97

22 Gauge (0.0286"), Fy = 50 ksi, Fu = 60 ksi						
SPAN TYPE	LOAD TYPE	SPAN IN FEET				
		3.0	4.0	5.0	6.0	7.0
1-span	NEGATIVE WIND LOAD	346.31	194.80	124.67	86.58	63.61
	LIVE LOAD/DEFLATION	322.96	181.52	92.94	53.78	33.87
2-span	NEGATIVE WIND LOAD	357.18	205.97	133.40	93.26	68.79
	LIVE LOAD/DEFLATION	199.38	149.54	119.63	85.47	63.01
3-span	NEGATIVE WIND LOAD	435.96	253.83	165.20	115.80	85.57
	LIVE LOAD/DEFLATION	226.57	169.93	135.94	106.25	71.31
4-span	NEGATIVE WIND LOAD	410.29	238.09	154.70	108.33	80.00
	LIVE LOAD/DEFLATION	218.07	163.56	130.84	99.36	73.31

1. Strength calculations based on the 2012 AISI Standard "North American Specification for the Design of Cold-formed Steel Structural Members."
2. Allowable loads are applicable for uniform loading and spans without overhangs.
3. LIVE LOAD/DEFLECTION load capacities are for those loads that push the panel against its supports. The applicable limit states are flecure, shear, combines shear and flexure, web crippling at end and interior supports, and a deflection limit of L/180 under strength-level loads.
4. NEGATIVE WIND LOAD capacities are for those loads that pull the panel away from its supports. The applicable limit states are flexure, shear, combined shear and flexure, and a deflection limit of L/60 under 10-year wind loading.
5. Effective yield strength has been determined in accordance with section A2.3.2 of the 2012 NAS specification.
6. The use of any accessories other than those provided by the manufacturer may damage panels, void all warranties and will void all engineering data.
7. This material is subject to change without notice. Please contact EPIC for most current data.

APPLICATION DETAILS

Minimum Slope Requirement: 1.5/12

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

Wall Application: Fasteners are to be applied at the bottom of every rib valley, every 3-4 feet. Please note that it is the responsibility of the builder to ensure that purlins are adequately spaced to meet specific engineering requirements.

EPIC Steel is neither partially nor solely responsible for improper installation or defects as a result of installation.

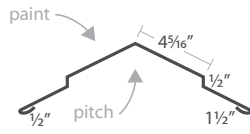


7.2" BOX RIB STANDARD TRIM

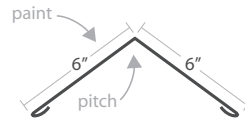
* All Hems 1/2"

(10'0" STICK)

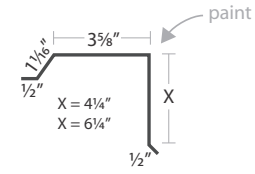
Standard Ridge Cap



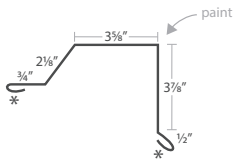
Hip Ridge



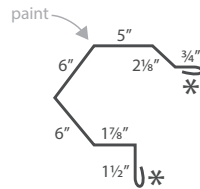
Gable



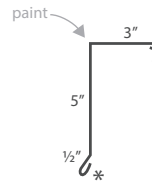
Mini Gable



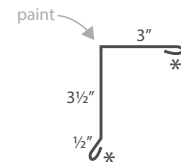
Sculpted Gable



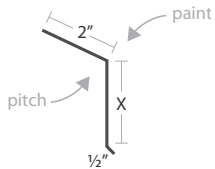
Flat Gable



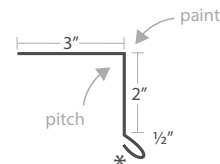
Flat Mini Gable



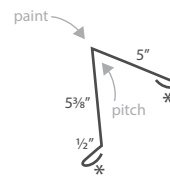
Eave



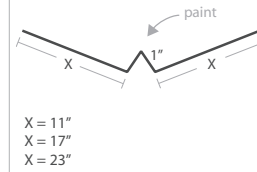
Mini Eave



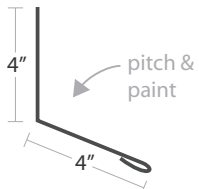
High Eave



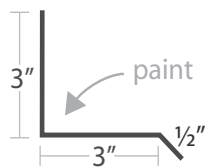
W-Valley



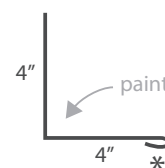
Endwall



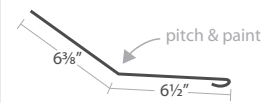
Sidewall



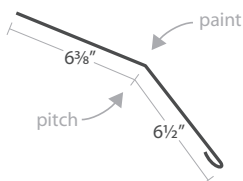
Flat Sidewall



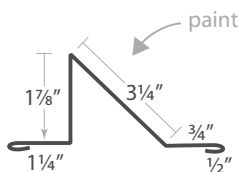
Lower Transition



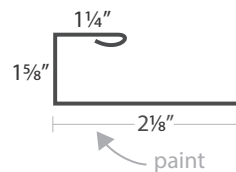
Upper Transition



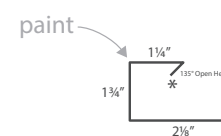
Snow Stop



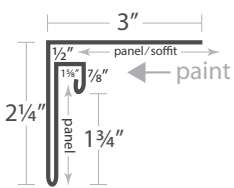
J-Metal



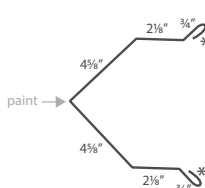
Jamb Trim



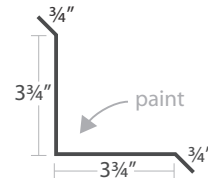
F+J 1 1/2" x 1 1/2"



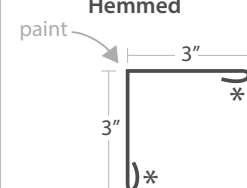
Outside Corner



Inside Corner

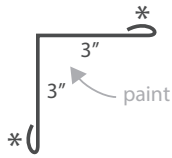


Outside Corner Hemmed

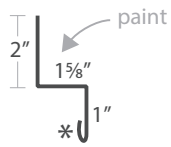


7.2" BOX RIB STANDARD TRIM

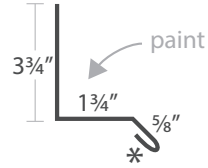
Inside Corner Hemmed



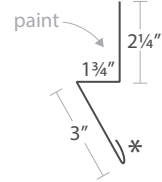
Wainscot



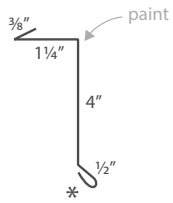
L-Base / Drip Cap



Angle Base



Reglet Flashing



Eave Gutter

