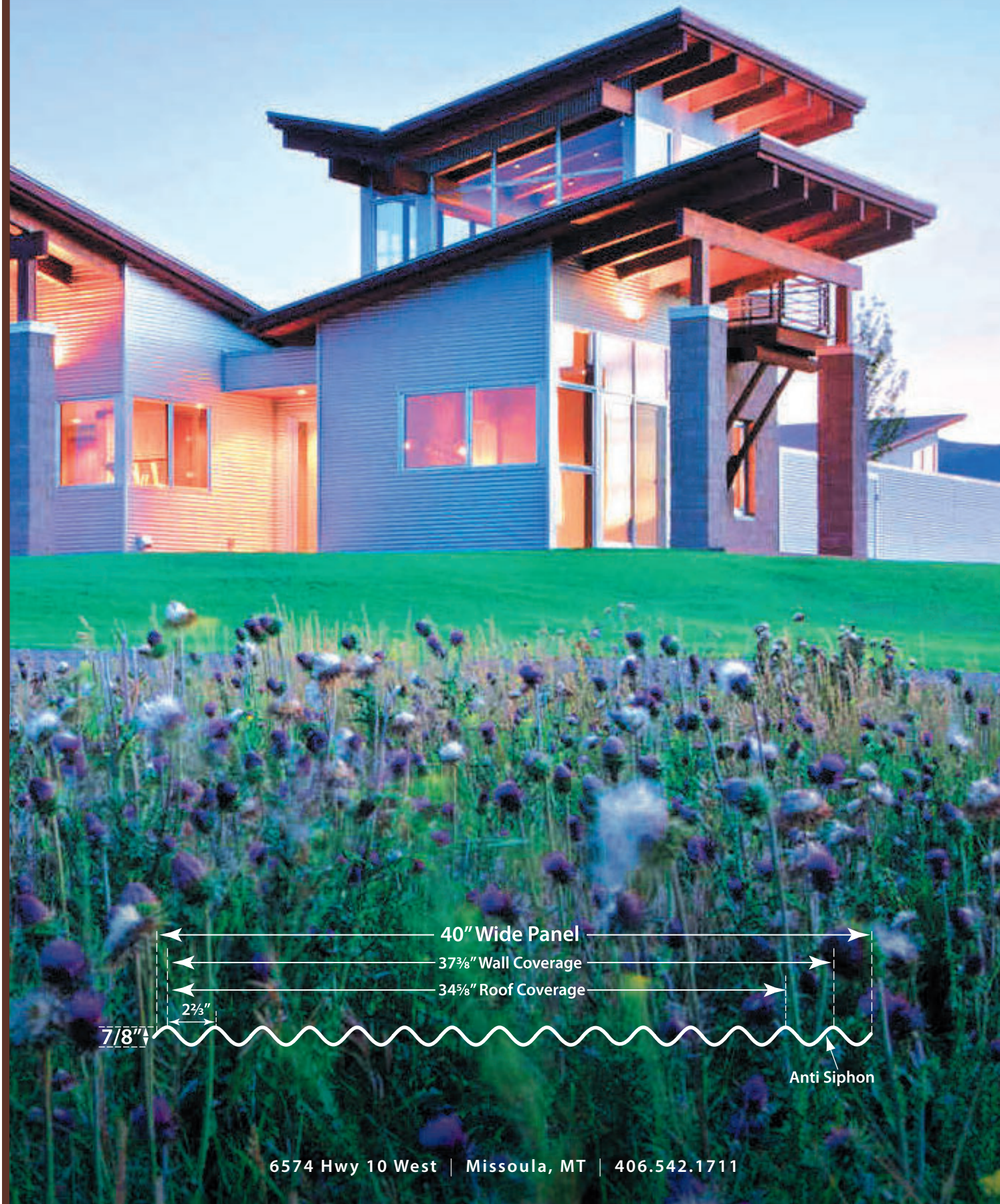
EPIC STEEL
7/8" CORRUGATED



6574 Hwy 10 West | Missoula, MT | 406.542.1711

7/8" CORRUGATED

MATERIAL SPECIFICATIONS

Gauge: 22, 24, 26

Weight: 5.0lb/ LF, 4.0lb/LF, 3.0lb/LF

Steel Yield Stress: 50,000 psi (Grade D)

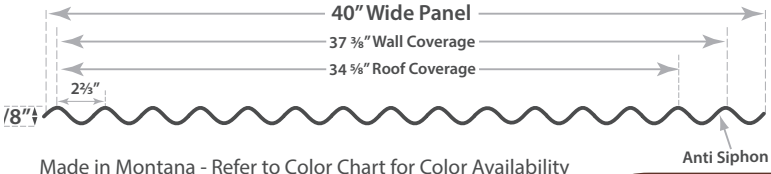
Available Material Type: Painted, Cold Roll Steel, Core-Ten®, 16 & 20oz Copper, Bonderized, Acralume®, Galvanized G-60, and Western Rust

Paint System: ULTRA-CLADTM Kynar 500®/ Hylar 5000®

Warranty: 35 Years

Gauging System: Epic Steel follows the national A.I.S.I. (American Iron and Steel Institute) specifications manual for tolerances 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.



Made in Montana - Refer to Color Chart for Color Availability

LOAD TABLES

LOAD-SPAN AND PROPERTIES TABLE STEEL ROOFING												
MAT'L	LOAD SPAN	20	25	30	35	40	45	MAX CANT.	S+	I+	S-	I-
26 GA	1	5'10"	4'8"	4'4"	4'2"	4'0"	3'9"	0'8"	.064	.028	.064	.028
	2	5'6"	5'9"	5'3"	4'10"	4'7"	4'3"					
	3	6'3"	5'10"	5'6"	5'3"	5'0"	4'8"					
24 GA	1	5'4"	5'0"	4'8"	4'6"	4'3"	4'1"	0'9"	.081	.036	.081	.036
	2	7'3"	6'7"	6'0"	5'6"	5'2"	4'10"					
	3	8'9"	6'4"	8'0"	5'8"	6'4"	5'2"					
22 GA	1	5'8"	5'4"	5'1"	4'9"	4'7"	4'4"	0'10"	.102	.044	.102	.044
	2	7'9"	7'3"	6'8"	6'2"	5'9"	5'6"					
	3	7'3"	6'9"	6'4"	6'1"	5'9"	5'7"					
20 GA	1	8'2"	5'8"	5'4"	5'1"	4'10"	4'6"	1'0"	.121	.053	.121	.053
	2	8'3"	7'8"	7'2"	6'9"	6'3"	6'0"					
	3	7'9"	7'2"	6'9"	6'6"	6'2"	5'10"					
18 GA	1	6'9"	6'3"	5'10"	5'7"	5'4"	5'2"	1'1"	.160	.070	.160	.070
	2	9'1"	8'4"	7'10"	7'6"	7'2"	6'10"					
	3	8'6"	7'10"	7'6"	7'1"	6'9"	6'6"					

- 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

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. EPIC Steel assumes no responsibility, either expressed or implied, for its use.*

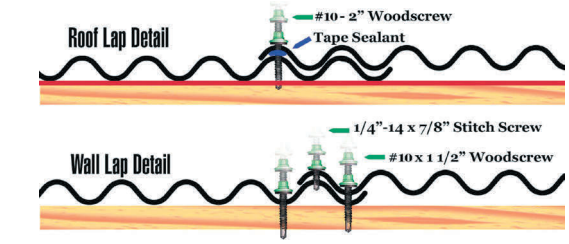
APPLICATION DETAILS

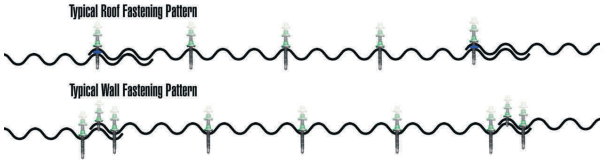
Minimum Slope Requirement: 3:12

Screw Application: #10 Wood grip fasteners are designed for use with dimensional lumber, #14 Wood grip fasteners 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 to 3/16" in thickness.

Roof Application: Fasteners are to be applied at the top of the corrugation, every third ridge, attached to each purlin as often as is required. Please note that it is the responsibility of the builder to ensure that purlins are adequately spaced to meet specific engineering requirements.

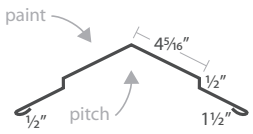
EPIC Steel is neither partially nor solely responsible for improper installation or defects as a result of installation.

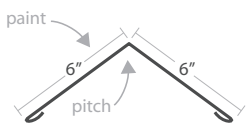


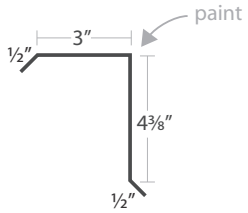


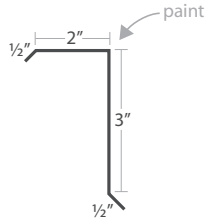
7/8" CORRUGATED
STANDARD TRIM

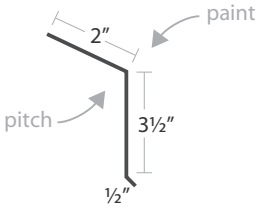
(10'0" STICK)

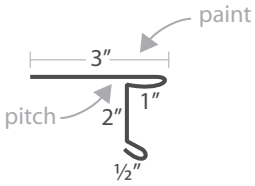
Standard Ridge Cap


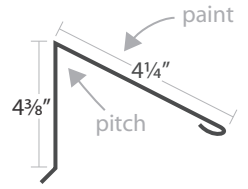
Hip Ridge


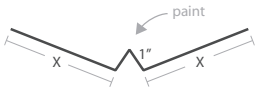
Gable


Mini Gable


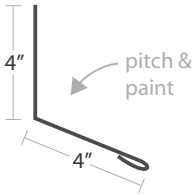
Eave


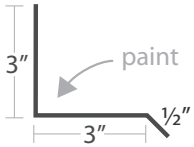
Style-D Eave


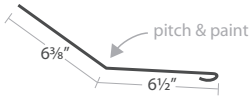
High Eave


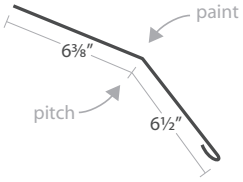
W-Valley


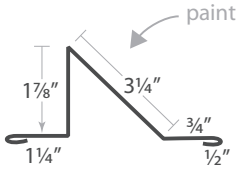
X = 11"
X = 17"
X = 23"

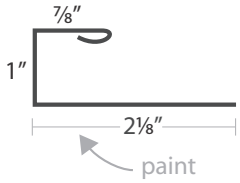
Endwall


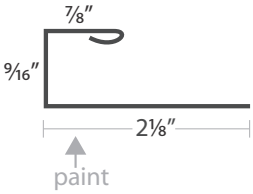
Sidewall


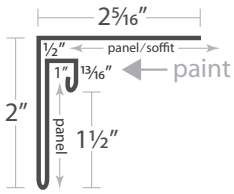
Lower Transition


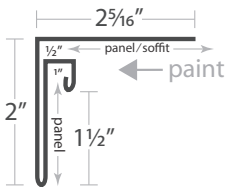
Upper Transition


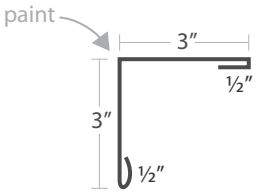
Snow Stop


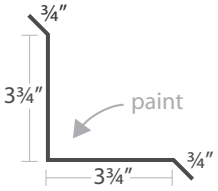
7/8" J-Metal


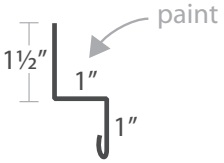
1/2" J-Metal


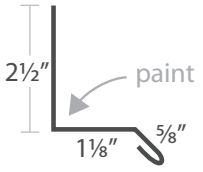
F+J 1/2" x 7/8"


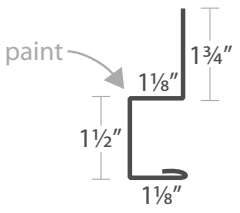
F+J 7/8" x 7/8"


Outside Corner


Inside Corner


Wainscot


L-Base / Drip Cap


Square Base


Angle Base