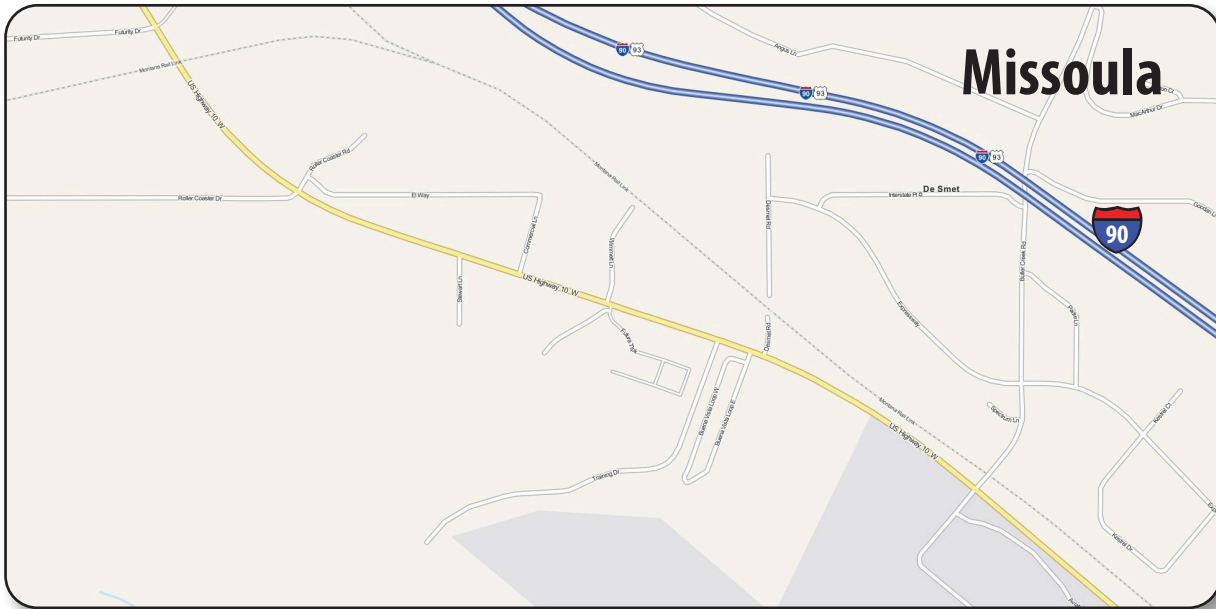
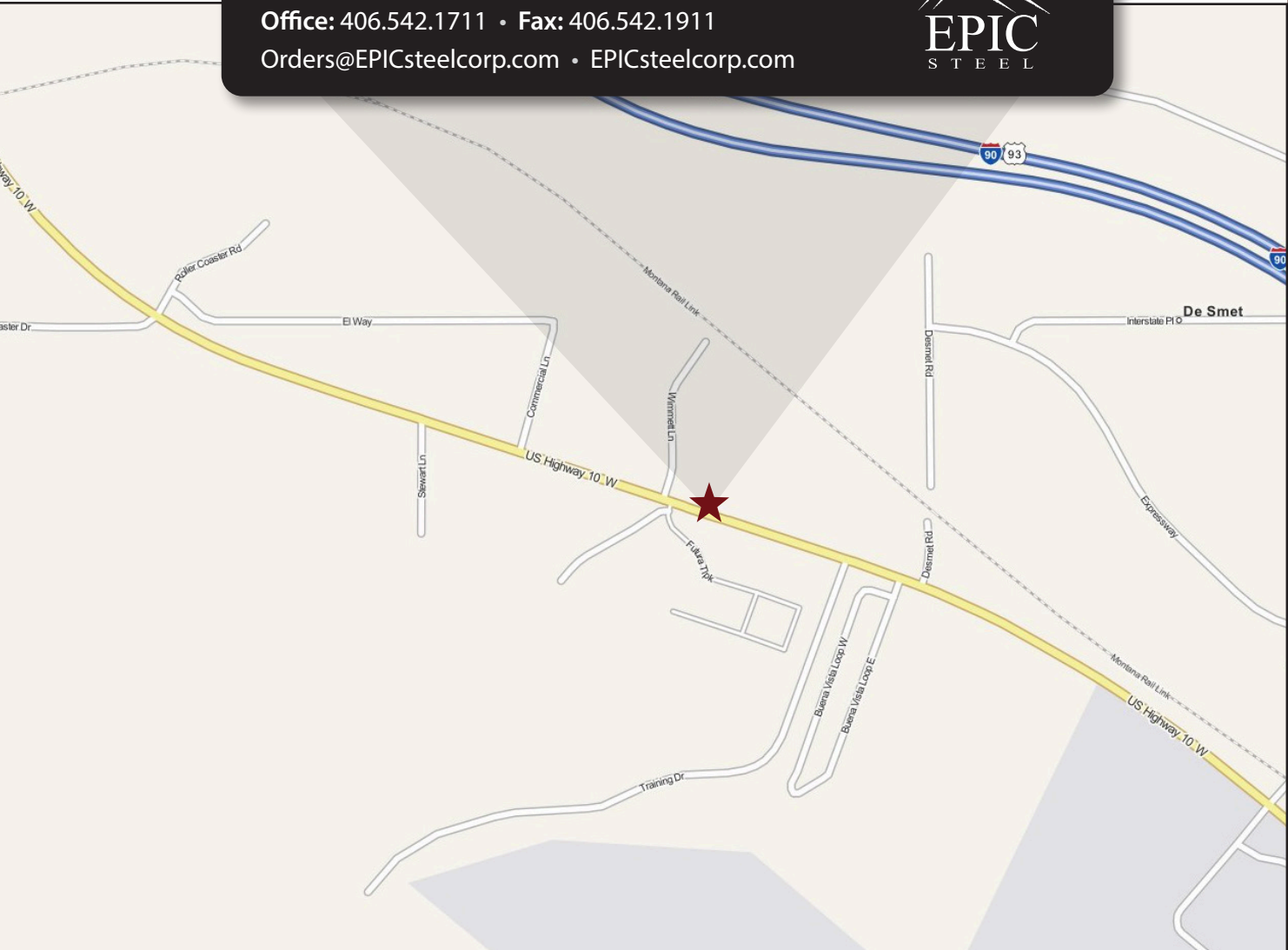


# EPIC STEEL

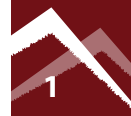
## MAP & CONTACT INFORMATION



**6574 Hwy 10 West, Missoula, MT 59808**  
Office: 406.542.1711 • Fax: 406.542.1911  
Orders@EPICsteelcorp.com • EPICsteelcorp.com



MAP & CONTACT INFORMATION



# EPIC STEEL

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# EPIC STEEL

## OPERATING INFORMATION

### PANEL CUTTING

When cutting painted panels, ensure the metal particles and fragments do not end up on the painted surface. Metal particles on the painted surface will result in rusting and pitting in that area. EPIC Steel suggests that the panel be turned upside down and all cutting be done looking at the backside of the material. Installers should be certain to wipe away any debris from the material after cuts to prevent this problem. Panels should be cut in an area where the metal particles do not end up on other panels or building materials. **Failure to remove metal particles from the panels results in a voided warranty.**

### POLICY

EPIC Steel assumes no responsibility for materials after they are picked up or delivered to the customer. EPIC Steel is not responsible for any goods left unprotected or stored incorrectly by the customer that results in damage or white rust to the panel.

### CLAIMS

Claims for shortages or damages must be filed within seven (7) days of the pickup or delivery date. Any claims filed after seven (7) days are disallowed. Since EPIC Steel packages its products as described above, any claims after seven (7) days for water marking, staining and "white rusting" of material will not be honored by EPIC Steel.

### PACKAGING

Roofing, siding and trim are packaged using protective packaging to protect the goods during transport. Storage recommendations are provided at the front office to help ensure the goods are stored correctly before installation.

The customer, however, should take whatever steps necessary to ensure the goods remain dry after transport or delivery. Roofing and siding panels are protected with plastic sheeting or cover panels and fastened together with wood battens. Additional wood skids will be used when deemed appropriate by EPIC Steel for that order. Additional crating charges may apply to specific orders. This kind of protection helps ensure the goods are not damaged during shipping, handling, and storage.

### RETURNS

Only stock accessories may be returned if they are deemed in resalable condition. Stock items being screws, flashers, closures, and underlayment. A restocking fee of fifteen (15%) percent can be applied to all returned merchandise. Customers' requested returns must be made within 30 days of invoice date and written approval must be granted by EPIC Steel prior to the return.

### STORAGE INSTRUCTIONS

If metal roofing or siding panels are not to be used immediately, the panels should be stored in a cool dry place. It should be unbundled and stood on end indoors if possible. It is very important to store the panels in a dry, well ventilated area. If the product cannot be stored indoors, elevate one end of the bundle to allow any moisture to run off while being stored. Do not store panels in direct contact with the ground. Make sure to put some type of block under the load when set on the ground. Ensure that there is good air flow around the entire bundle to avoid moisture buildup around the bundle. Moisture trapped between the panels will cause paint to bubble and white rust to form. EPIC Steel assumes no liability for panels that are not used immediately after being purchased.

### WHITE RUST/OXIDATION

White rust on bare galvanized metal is the result of zinc oxidation in the absence of air or oxygen. This occurs in coil or bundles of sheet metal that are nested and absorb moisture from humidity in the air or direct rainfall. The oxidation appears as a white chalky buildup on the surface of the metal. This can be stopped by applying a vinegar solution or light oil, such as WD-40.

# EPIC STEEL

## OPERATING INFORMATION

### WILL CALL

Will call orders will be packaged before the customer's arrival to facilitate quick loading. Seller reserves the right to charge a five percent (5%) storage fee for any order left in storage 10 days after completion, every week until it's picked up or delivery is scheduled by the customer.

### ORDERING INSTRUCTIONS

All orders are to be faxed, emailed, taken by phone, or given in person to EPIC Steel. In order to input the order most effectively and with little error, please have the following information ready:

- Company Name as Stated on Account Information
- Purchase Order Number / Name
- Shipping Information
- Destination Name
- Destination Address
- Directions to Destination
- Desired Carrier
- Shipping Date
- Extraordinary Handling/Shipping Information
- Preliminary Lien Information
- Profile Type, Gauge, Color, Cutting List
- Accessories (closures, mastic, sealants, etc.)
- Standard Flashings
- Fasteners
- Flat Sheets
- Special Flashing
- Payment Information

### GAUGING SYSTEM

EPIC Steel follows the national A.I.S.I. (American Iron and Steel Institute) specification manual for tolerances in galvanized sheet steel. All gauges conform to ASTM: A525, A606, A792, A653, A924 Grade E (80,000 min. yield) or Grade D (50,000 min. yield) unless otherwise designated at time of order.

### TERMS OF PAYMENT

Net 30 Days on approved credit lines. Discounts are not allowed on cash sales or freight charges. On late payments, a service charge of eighteen percent (18%) per annum, or the maximum allowed by law, will be applied to all invoices over 30 days. All purchase orders not operating on a line of credit must pay 1/2 (.5) down before the order will be produced and paid in full upon pick up.

### OPENING AN ACCOUNT

EPIC Steel is happy to offer lines of credit to customers that qualify. Customers must complete an EPIC Steel credit application and allow 10 business days to be approved. When an account is approved, the first order must be paid in full prior to opening any line of credit. No order will be released on credit without an approved credit application. EPIC Steel reserves the right to suspend credit indefinitely or require cash payment upon pickup or delivery to any customer whom we deem necessary.

### ORDER ACCEPTANCE

Completing and fulfilling orders by EPIC Steel is contingent upon the availability of materials. Customer purchase order's will only be accepted, based strictly on the following terms:

- **Orders must be placed via email, phone, fax, or in person at our office.** Those being sent by email, need to be confirmed and emailed back to epicsteelcorp@aol.com, or an appropriate sales persons' email address, before production will begin. Those orders being faxed or made in person must be signed and dated, releasing EPIC Steel of liability for material type, quantities, and lengths.
- Purchase orders given over the phone will be produced at the sole risk of the customer placing the order. EPIC Steel will not, under any circumstance be held responsible for any mistake's occurring as a result of an order placed via telephone, rather the individual or company under whom the purchase order is made will be held accountable.

### PRICING

We strive to maintain consistent pricing. Orders will be invoiced at, and are subject to payment at published prices and exact quantities shipped or picked up. Errors will be re-billed at the correct published price and quantity shipped.

### FREIGHT

We will be pleased to ship your order on common carrier, F.O.B. Epic Steel 6574 Highway 10 West, Missoula, MT 59808. Local deliveries will be scheduled through an Epic Steel approved local transport service. We strive to maintain competitive transport rates; please call for current pricing.

# EPIC STEEL

## TERMS & CONDITIONS

### PRICES

Quotations are valid for a period of thirty days after the date quoted. However, prices are subject to change without further notice to buyer at any time prior to acceptance by buyer's order to seller's home office.

Prices are F.O.B. 6574 Hwy 10 West, Missoula, MT 59808 unless otherwise indicated in the agreement. Prepayment of freight by seller will not convert this agreement to F.O.B. destination. Rather, seller will be considered to have advanced freight charge on behalf of buyer.

### SHIPMENT & DELIVERY DATE

Any shipment or delivery date specified in this agreement is an estimate only. No warranty of a shipment or delivery date is made herein unless in writing and specifically agreed to by seller. In no event shall seller be liable for damages or expenses of buyer resulting from any such delay in shipment or delivery of goods, unless a specified date of shipment or delivery has been guaranteed as specified herein.

Buyer's acceptance of goods delivered here under shall constitute a complete waiver of any and all claims which buyer may have against seller for damages, cost or expenses resulting from late delivery of goods.

### FORCE MAJEURE

Neither seller nor buyer shall be responsible to the other for any delay or default in performing its obligations hereunder if caused by fire, strike, riot, war, an act of God, delay of carriers, governmental order or regulation, complete or partial shutdown of its plant, inability to obtain sufficient raw materials or product, or the death, injury, disease or sickness of a person integral to the performance of this agreement. In the event of a Force Majeure event, either buyer or seller shall have the rights to cancel this agreement.

### ACCEPTANCE, INSPECTION & CLAIMS

Buyer shall inspect the goods immediately on their arrival and shall, within seven (7) days, give written notice to seller of any claim that the goods do not conform with the terms of the agreement and describe every defect. If such notice is not given within seven (7) days, the goods shall be deemed to conform with the terms of the agreement and buyer shall be bound to accept and pay therefore in accordance with the terms of this agreement. Buyer shall not return any goods without seller's prior written authorization. If Seller approves returns of goods which are not defective, Seller reserves the right to charge a fifteen percent (15%) restocking charge.

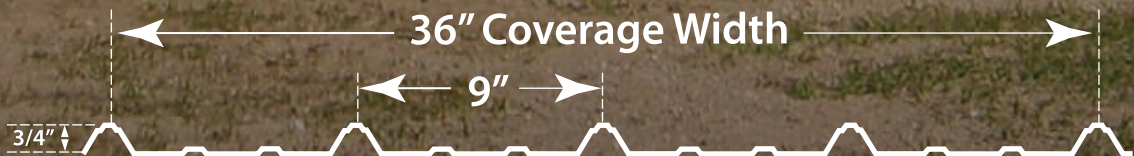
### TITLE

The title and ownership of goods herein shall remain with seller until final payment has been made in full. If payment is made by check, note or similar writing, title and ownership shall not pass until such check, note or similar writing shall have been accepted and seller has been fully paid in legal tender.

# EPIC STEEL

# 3' TUF RIB

3' TUF RIB



# 3' TUF RIB

## MATERIAL SPECIFICATIONS

**Gauge:** 28, 26

**Weight:** 1.98 lb. /LF, 2.67lb/LF

**Steel Yield Stress:** 80,000 psi  
Galvalume Steel Gauge, AZ-50

**Paint System:** Stormshield Xt-40,  
Energy Star® Rated, Silicone  
Modified Polyester

**Warranty:** 40 Years

**Available Material Type:**  
Painted, Galvalume®

**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 A792 and ASTM A653 Grade E (80,000 min. yield)/ or Grade D (50,000 min. yield) unless otherwise designated at time of order.

## 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 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.

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



Made in Montana - Refer to Color Chart for Color Availability

## LOAD TABLES

SPAN in feet	Live Load (Strength)				Uplift Load (Internal Pressure)			
	2'	3'	4'	5'	2'	3'	4'	5'
26 Gauge Simple Span	113	45	19	10	113	59	33	21
26 Gauge Continuous Span	119	69	36	18	119	74	42	27

- 1 1/2" 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 3 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

Wind Speed	Live Loads (lbs./Sq. Ft.)
70 mph	12.6
80 mph	16.4
90 mph	20.8
100 mph	25.6
110 mph	31.0
120 mph	36.9
130 mph	43.3

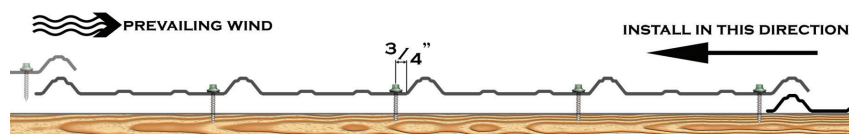
Areas of discontinuity are subject to higher spikes in wind pressure, therefore a different coefficient in wind pressure will need to be considered and multiplied by a factor of 1.5

Data from: 1994 UBC Table 16-F

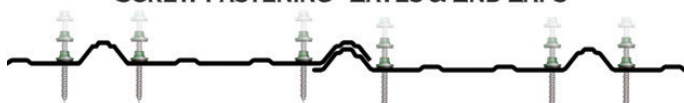
**Note:** The load tables have been compiled for the design of steel roofing and siding used in conjunction with either wood or steel framed structures. EPIC Steel assumes no responsibility, either expressed or implied, for its use.

**Simple Span** – gives load specifications on a single length panel fastened (as illustrated above) at either end of the panel (essentially free spanning the length in question).

**Continuous Span** – gives load specifications on a single panel with at least 3 additional fastening's (as illustrated above) between either end of the panel's. Load limits are given in Lbs. Per Sq. ft.



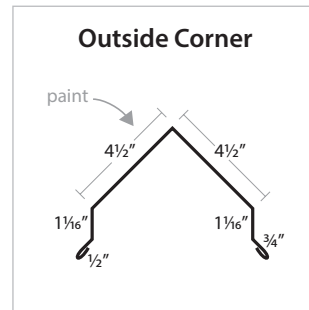
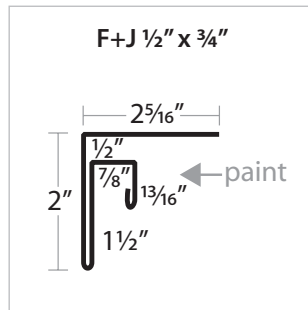
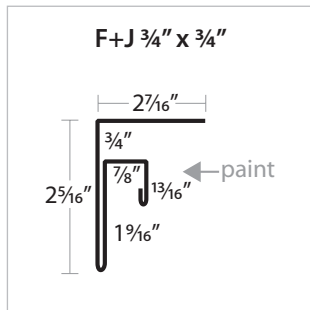
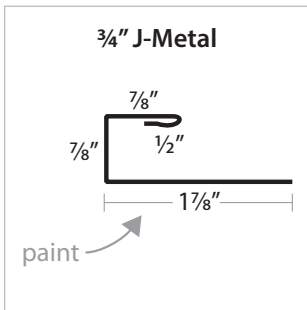
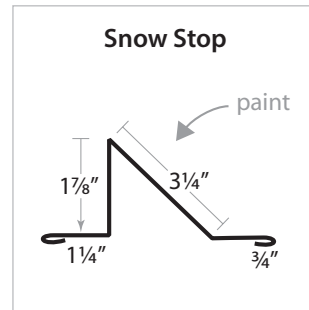
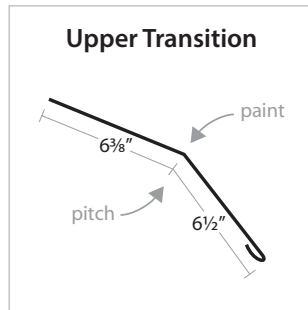
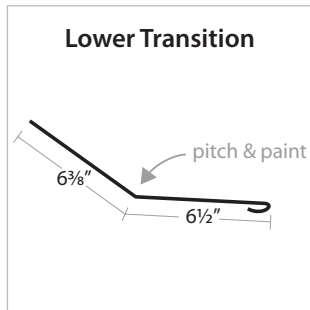
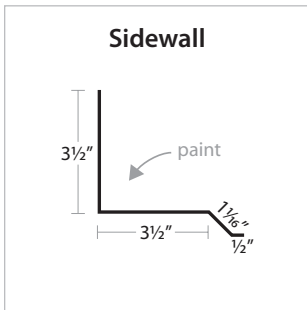
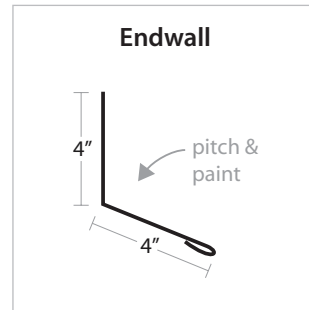
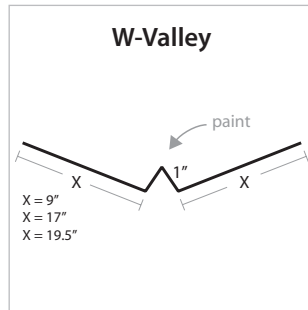
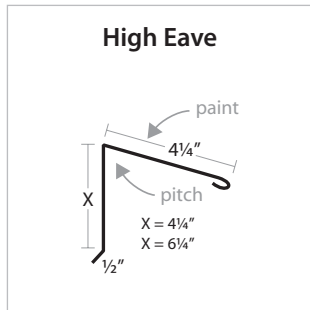
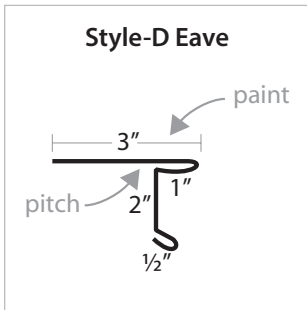
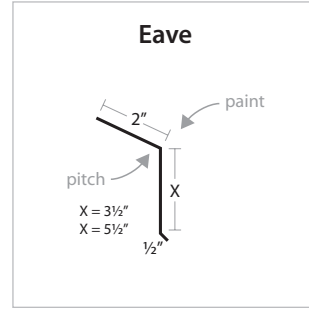
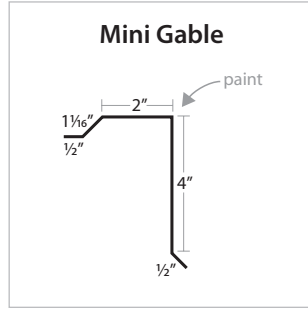
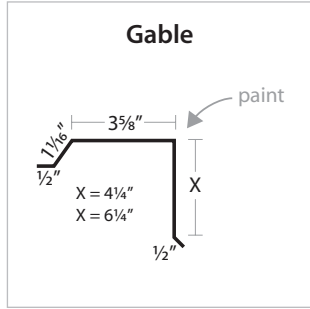
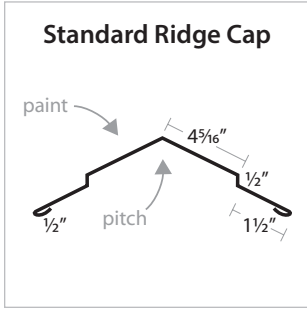
### SCREW FASTENING - EAVES & END LAPS



# 3' TUF RIB STANDARD TRIM

28 GA.  
(10'1" / Stick)

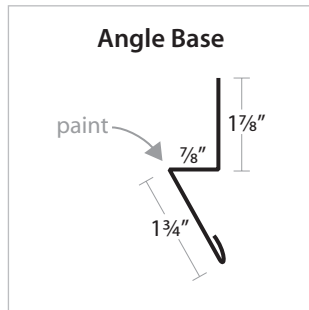
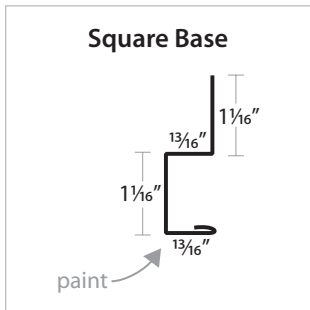
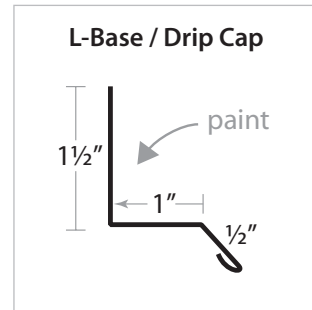
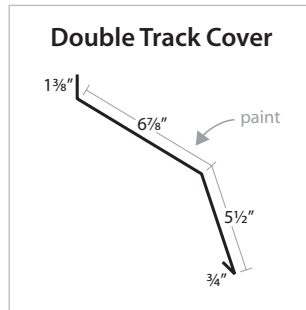
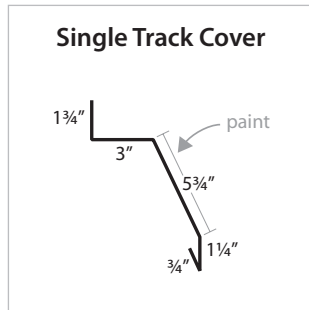
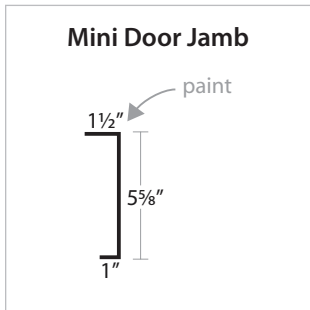
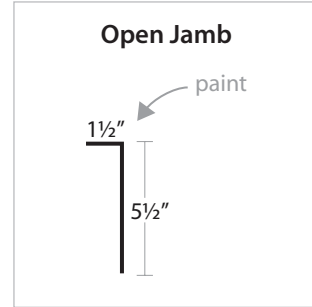
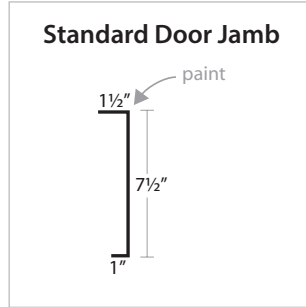
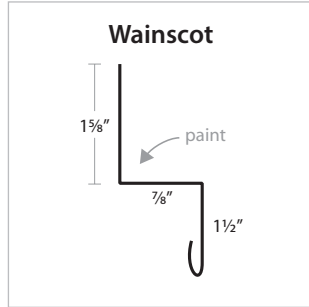
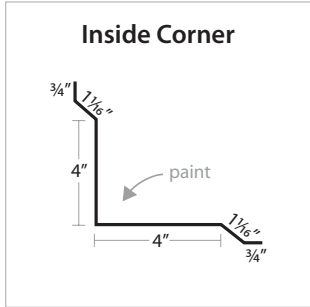
3' TUF RIB STANDARD TRIM





# 3' TUF RIB STANDARD TRIM

28 GA.  
(10'1" / Stick)



# EPIC STEEL

# 3' DELTA RIB



3' DELTA RIB



# 3' DELTA RIB TRIM

## MATERIAL SPECIFICATIONS

**Gauge:** 28, 26

**Weight:** 1.98 lb. /LF, 2.67lb

**Steel Yield Stress:** 80,000 psi  
Galvalume Steel Gauge, AZ-50

**Paint System:** Stormshield Xt-40,  
Energy Star® Rated, Silicone  
Modified Polyester

**Warranty:** 40 Years

**Available Material Type:**  
Painted, Galvalume®

**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 A792 and ASTM A653 Grade E (80,000 min. yield)/ or Grade D (50,000 min. yield) unless otherwise designated at time of order.



Made in Montana - 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 1/2" 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 1.5

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

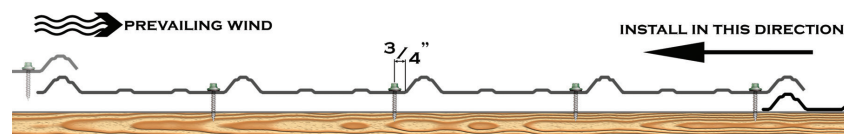
## APPLICATION DETAILS

**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 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.

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



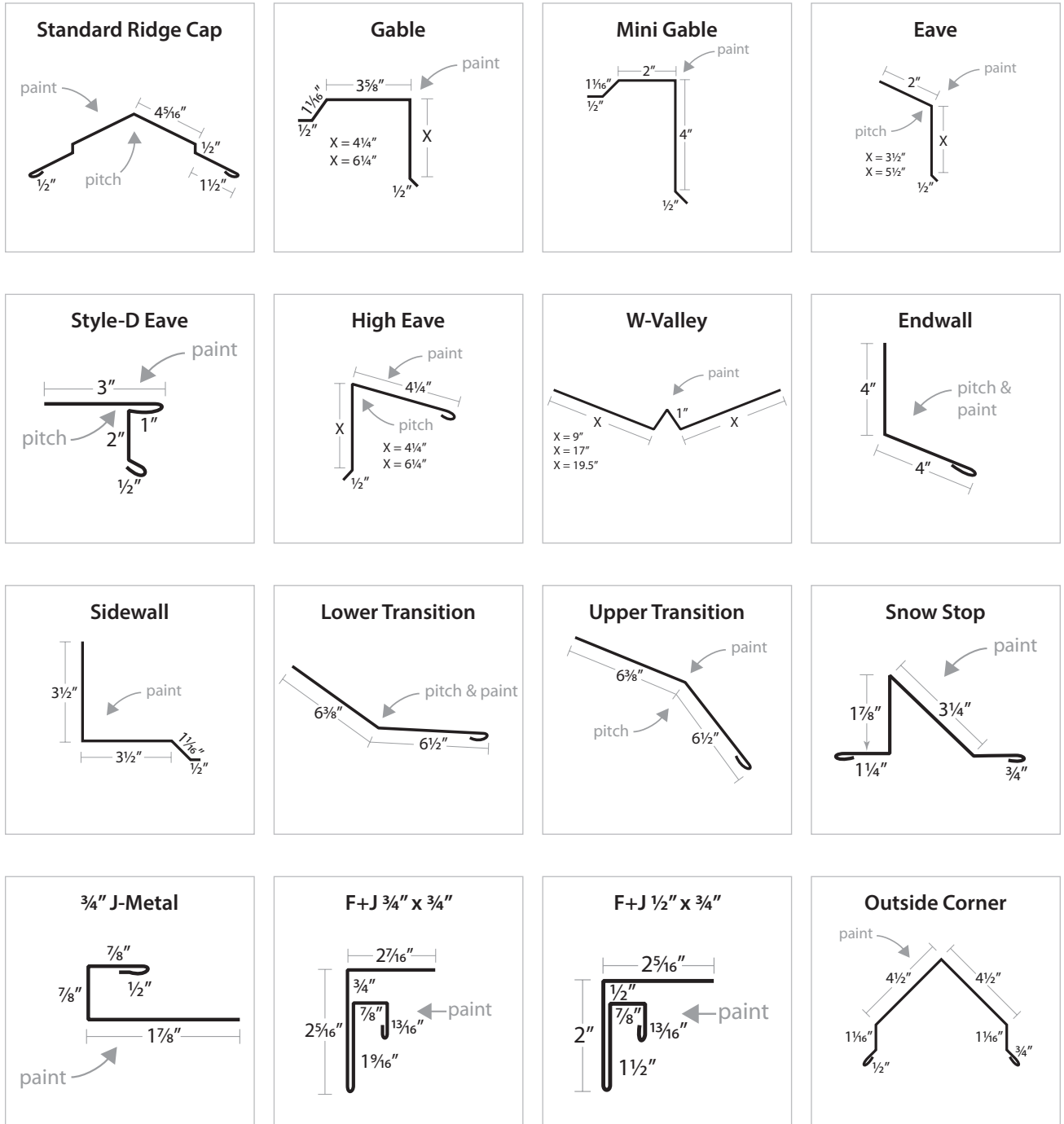
## SCREW FASTENING - EAVES & END LAPS



# 3' DELTA RIB STANDARD TRIM

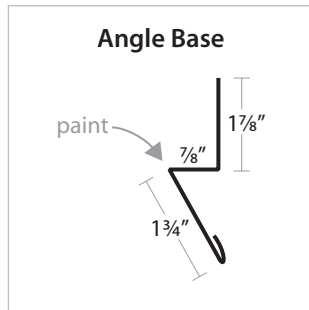
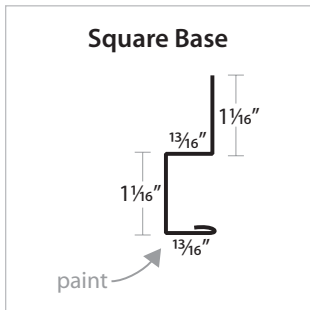
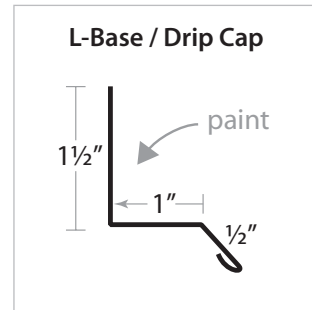
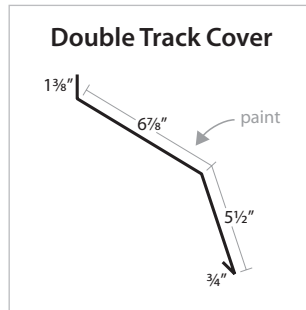
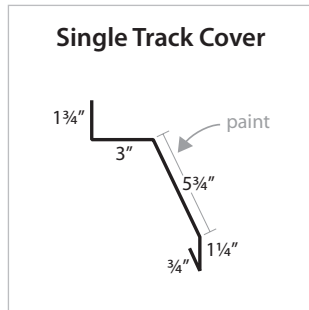
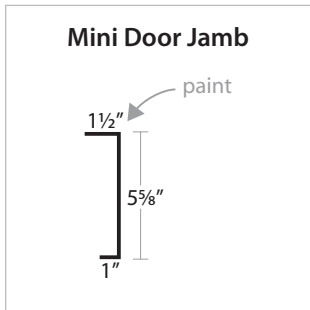
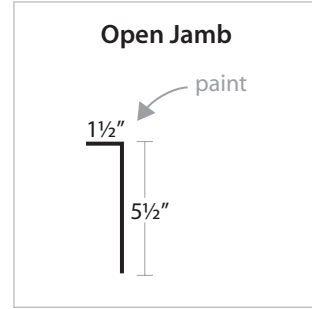
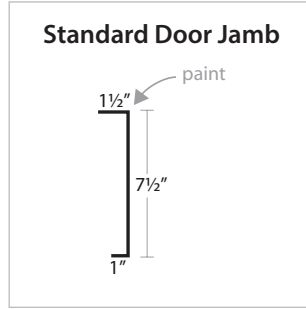
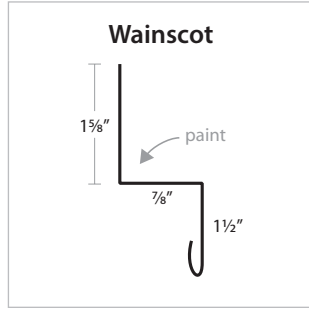
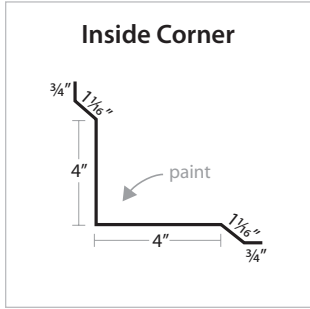
28 GA.  
(10'1" / Stick)

3' DELTA RIB STANDARD TRIM



# 3' DELTA RIB STANDARD TRIM

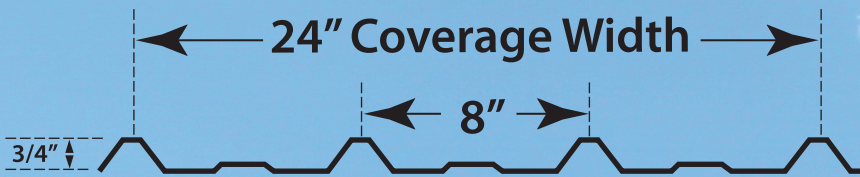
28 GA.  
(10'1" / Stick)



3' DELTA RIB STANDARD TRIM

# EPIC STEEL

# 2' DELTA RIB



2' DELTA RIB



# 2' DELTA RIB

## MATERIAL SPECIFICATIONS

**Gauge:** 28

**Weight:** 1.5 lb. /LF

**Steel Yield Stress:** 50,000 psi  
Galvalume Steel Gauge, AZ-50

**Paint System:** Stormshield Xt-40,  
Energy Star® Rated, Silicone Modified  
Polyester

**Warranty:** 40 Years

**Available Material Type:**

Painted, Galvalume®

**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 A792 and A653 Grade D (50,000 min. yield) unless otherwise specified at the time of the order.

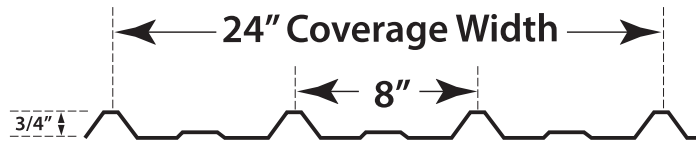
## APPLICATION DETAILS

**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 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.

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



Made in Montana - Refer to Color Chart for Color Availability

## LOAD TABLES

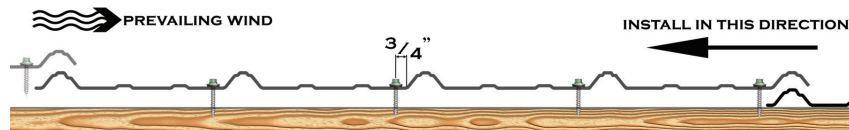
ALLOWABLE LOADS-PSF									
SIMPLE SPAN					3 OR MOR SPAN				
2-0	2-6	3-0	3-6	4-0	2-0	2-6	3-0	3-6	4-0
136	86	60	43	34/12	215	140/110	96/62	70/31	56/22
184	106/63	72/40	54/21	41/20	266	171/146	118/62	88/49	67/30

- 1 1/2" 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 1.5

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

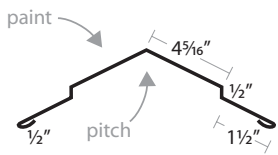


# 2' DELTA RIB STANDARD TRIM

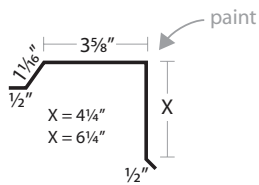
28 GA.  
(10'1" / Stick)

2' DELTA RIB STANDARD TRIM

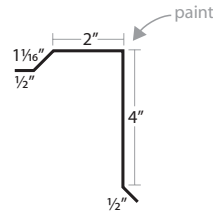
**Standard Ridge Cap**



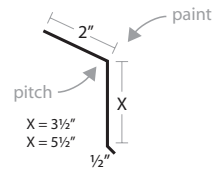
**Gable**



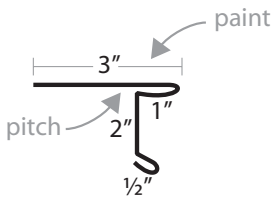
**Mini Gable**



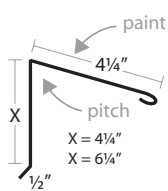
**Eave**



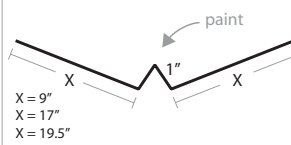
**Style-D Eave**



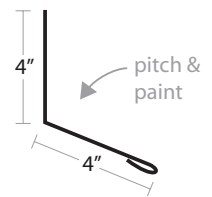
**High Eave**



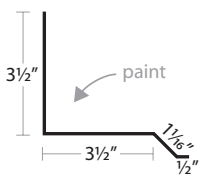
**W-Valley**



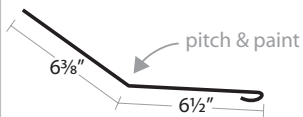
**Endwall**



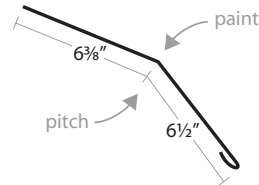
**Sidewall**



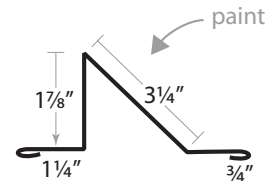
**Lower Transition**



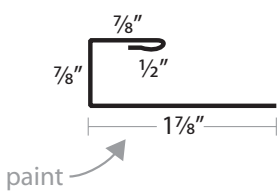
**Upper Transition**



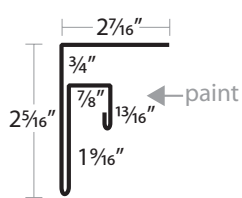
**Snow Stop**



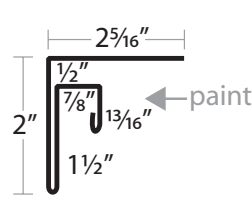
**3/4" J-Metal**



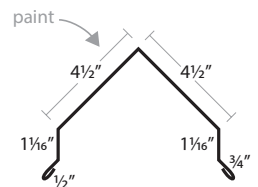
**F+J 3/4" x 3/4"**



**F+J 1/2" x 3/4"**



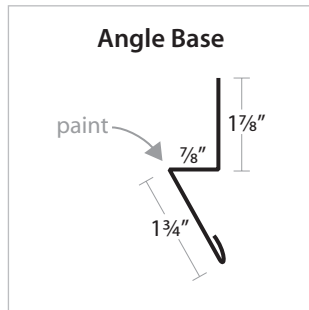
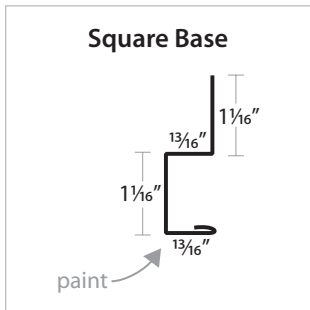
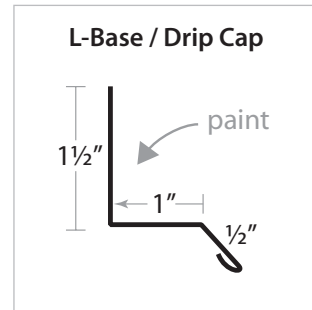
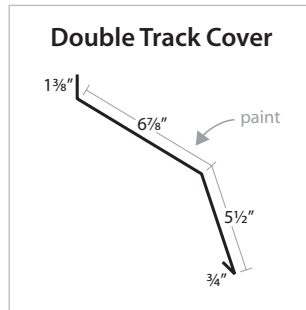
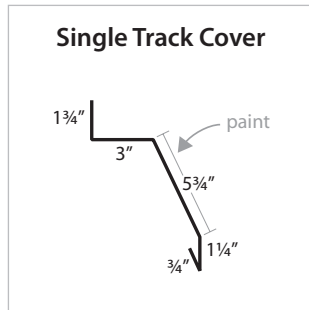
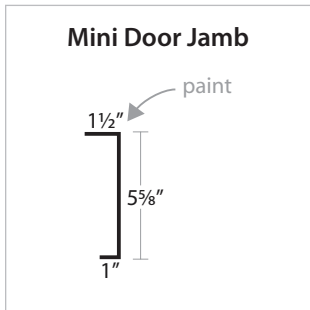
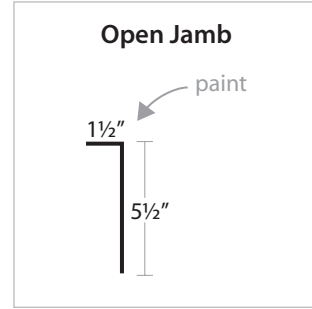
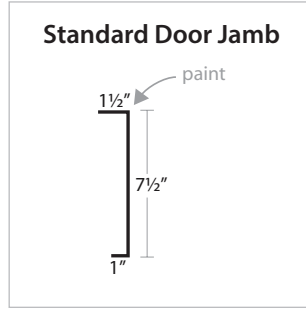
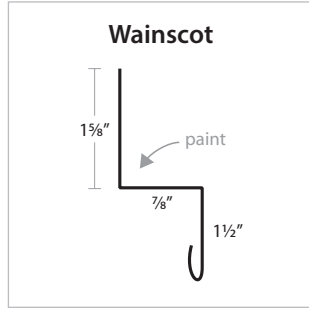
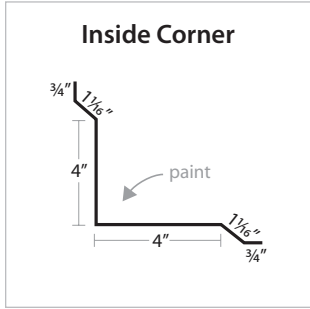
**Outside Corner**





# 2' DELTA RIB STANDARD TRIM

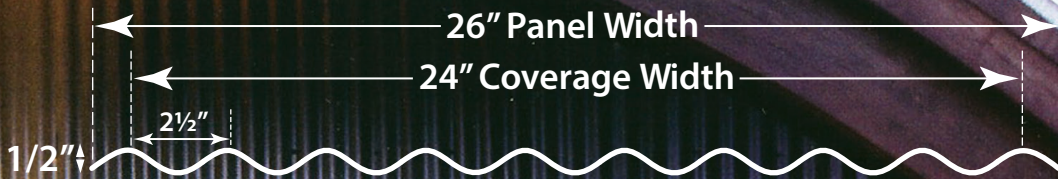
28 GA.  
(10'1" / Stick)



2' DELTA RIB STANDARD TRIM

EPIC STEEL

# 2 1/2" CORRUGATED



2 1/2" CORRUGATED

# 2 1/2" CORRUGATED

## MATERIAL SPECIFICATIONS

**Gauge:** 28

**Weight:** 1.5 lb. /LF

**Steel Yield Stress:** 50,000 psi  
Galvalume Steel Gauge, AZ-50

**Paint System:** Stormshield Xt-40,  
Energy Star® Rated, Silicone Modified  
Polyester

**Warranty:** 40 Year

**Available Material Type:**  
Painted, Galvalume®

**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 A792 and ASTM A653 Grade E (80,000 min. yield)/ or Grade D (50,000 min. yield) unless otherwise designated at time of order.

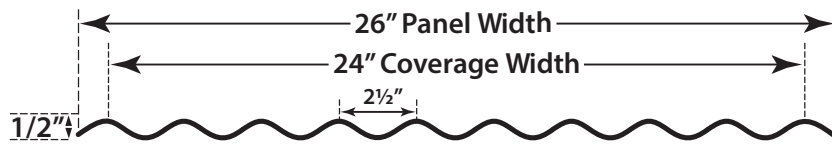
## APPLICATION DETAILS

**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 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 at the top of the corrugation, every third ridge, and attached to each purlin, 2' on center (note: lap screws may also be needed. Refer to roof fastening pattern for details). 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.



\*4-6 Week Lead Time - Refer to Color Chart for Color Availability

## LOAD TABLES

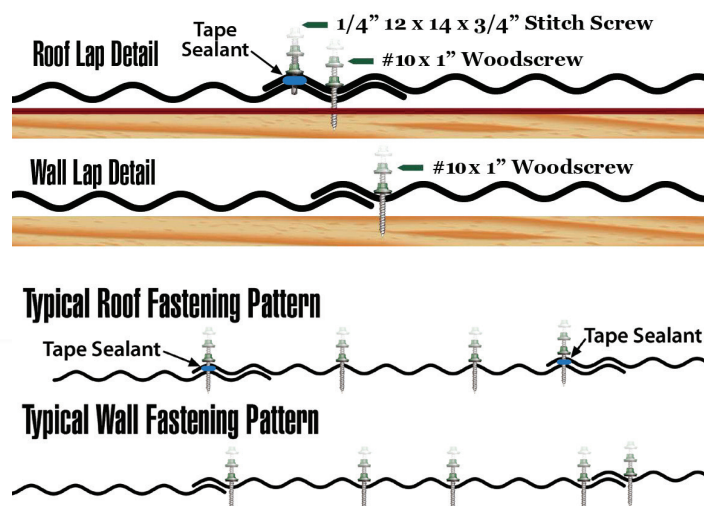
ALLOWABLE LOADS-PSF														
SIMPLE SPAN					TWO SPAN					3 OR MORE SPAN				
2-0	3-0	4-0	5-0	6-0	2-0	3-0	4-0	5-0	6-0	2-0	3-0	4-0	5-0	6-0
107/60	47/18	27/8	17/4	12/2	104	46/43	26/16	17/9	12/5	120	54/36	30/15	19/9	13/4
121/69	54/20	30/9	19/4	13/3	118	52/49	29/21	19/11	13/6	137	61/41	34/17	22/9	15/5
214/124	95/37	54/16	34/8	24/5	208	93/9	52/37	33/19	23/11	243	108/74	61/31	39/15	27/9
328/197	146/56	82/25	53/13	37/7	320	142/141	80/59	51/30	36/15	374	166/117	93/49	60/25	42/19

- 1 1/2" 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 3 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 1.5

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

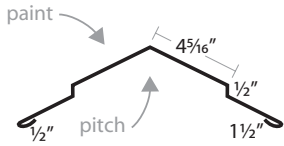


# 2 1/2" CORRUGATED STANDARD TRIM

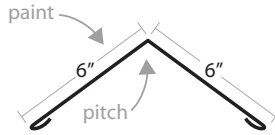
28 GA.  
(10'1" / Stick)

2 1/2" CORRUGATED STANDARD TRIM

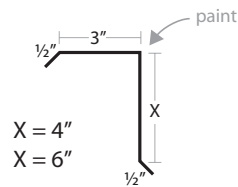
**Standard Ridge Cap**



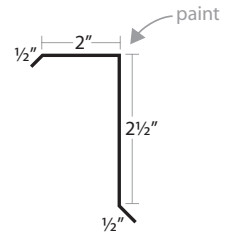
**Hip Ridge**



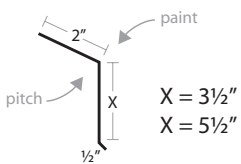
**Gable**



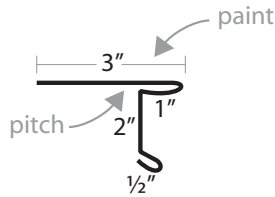
**Mini Gable**



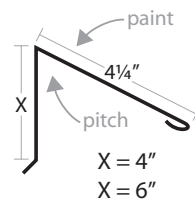
**Eave**



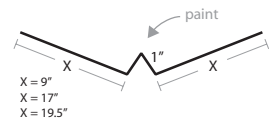
**Style-D Eave**



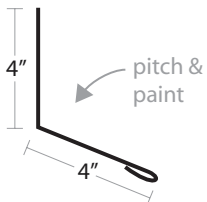
**High Eave**



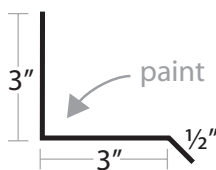
**W-Valley**



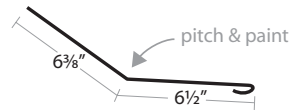
**Endwall**



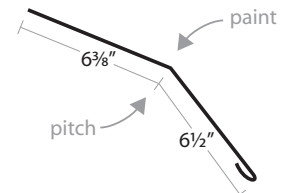
**Sidewall**



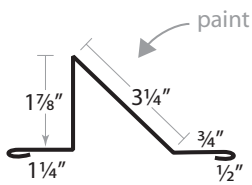
**Lower Transition**



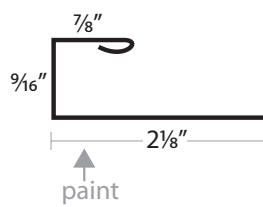
**Upper Transition**



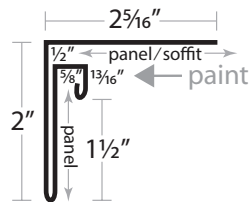
**Snow Stop**



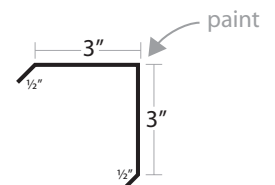
**1/2" J-Metal**



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

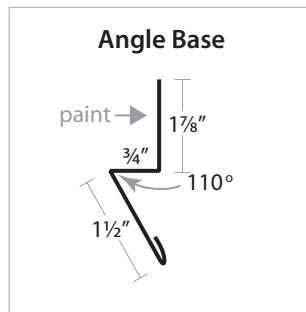
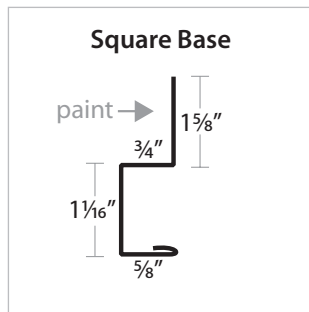
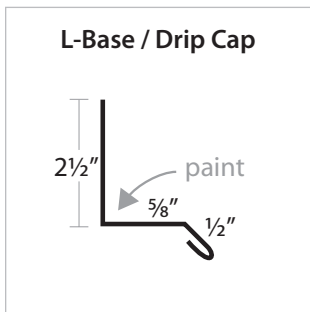
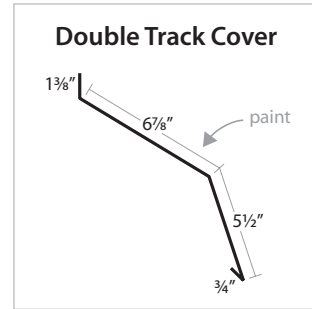
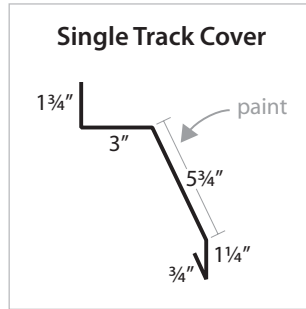
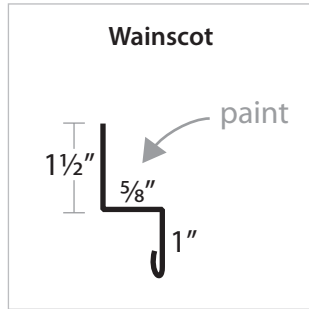
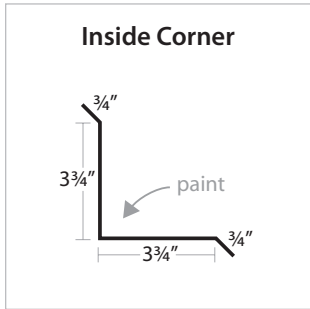


**Outside Corner**



# 2 1/2" CORRUGATED STANDARD TRIM

**28 GA.**  
(10'1" / Stick)



2 1/2" CORRUGATED STANDARD TRIM

# EPIC STEEL PBR PANEL



PBR PANEL



# PBR PANEL

## MATERIAL SPECIFICATIONS

**Gauge:** 26

**Weight:** 2.67 lb. /LF

**Steel Yield Stress:** 80,000 psi  
Galvalume Steel Gauge, AZ-50

**Paint System:** Stormshield Xt-40,  
Energy Star® Rated, Silicone Modified  
Polyester

**Warranty:** 40 Years

**Available Material Type:**  
Painted, Galvalume®

**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 A792, and ASTM A653,  
Grade E (80,000 min. yield)/ or  
Grade D (50,000 min. yield) unless  
otherwise designated at time  
of order.



\*4-6 Week Lead Time - Refer to Color Chart for Color Availability

## LOAD TABLES

SPAN in feet	Live Load (Strength)				Uplift Load (Internal Pressure)			
	3'	4'	5'	6'	3'	4'	5'	6'
26 Gauge Simple Span	118	60	31	18	190	107	68	47
26 Gauge Continuous Span	167	94	58	33	183	103	66	46

- 1 1/2" 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 3 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

Wind Speed	Live Loads (lbs./Sq. Ft.)
70 mph	12.6
80 mph	16.4
90 mph	20.8
100 mph	25.6
110 mph	31.0
120 mph	36.9
130 mph	43.3

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 1.5

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

**Simple Span** – gives load specifications on a single length panel fastened (as illustrated above) at either end of the panel (essentially free spanning the length in question).

**Continuous Span** – gives load specifications on a single panel with at least 3 additional fastening's (as illustrated above) between either end of the panel's. Load limits are given in Lbs. Per Sq. ft.

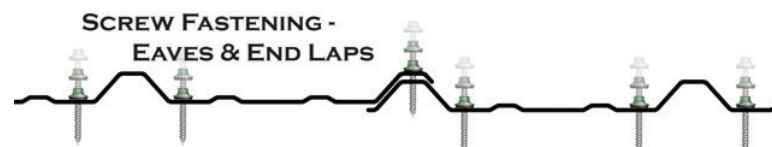
## APPLICATION DETAILS

**Minimum Slope Requirement:**  
1.5:12

**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' to 5' on center. Please note that it is the responsibility of the builder to ensure that purlins are adequately spaced to meet specific engineering requirements.

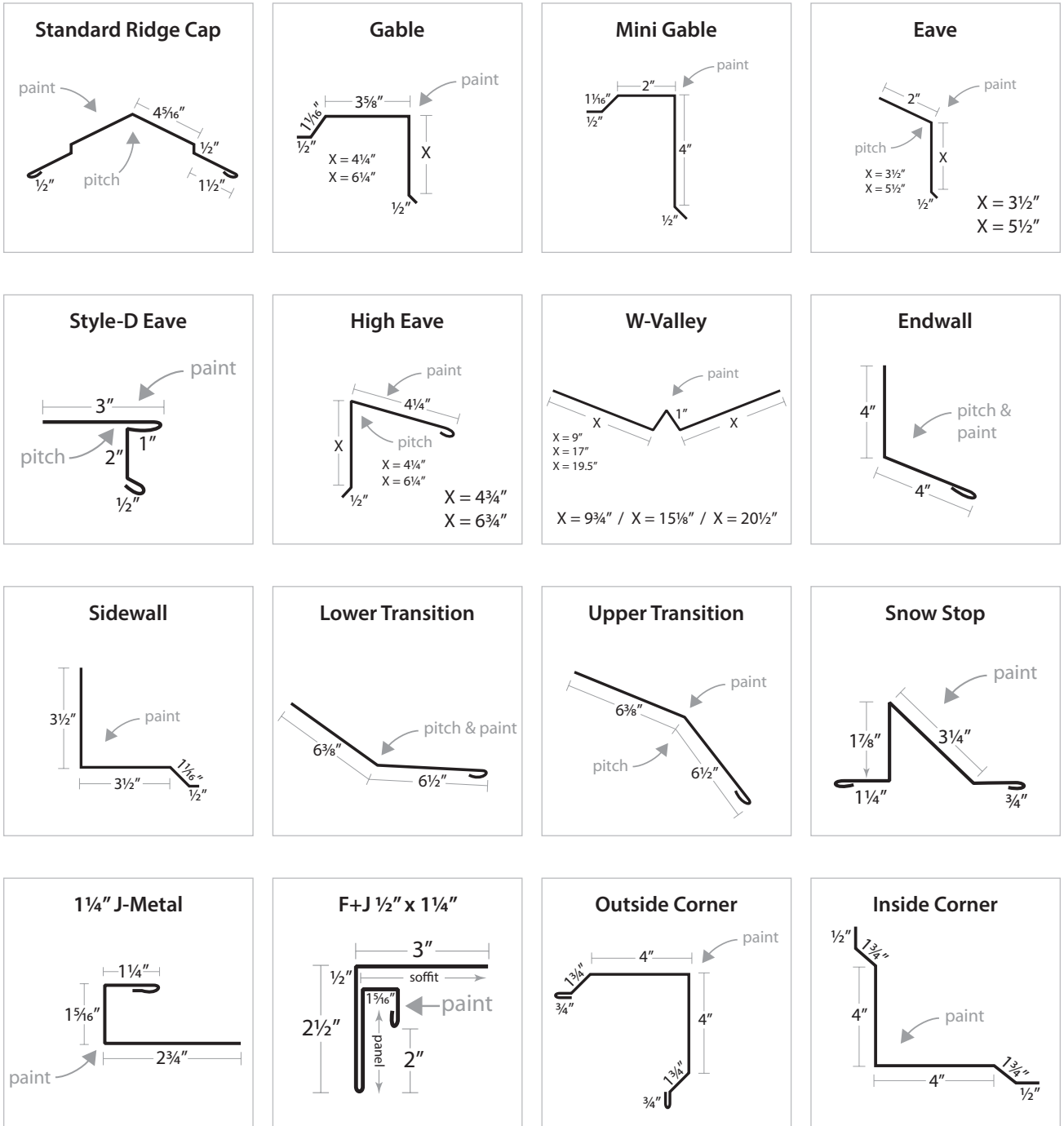
EPIC Steel is neither partially nor solely responsible for improper installation or defects as a result of installation.



# PBR PANEL STANDARD TRIM

26 GA.  
(10'1" / Stick)

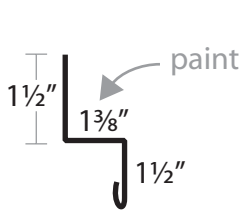
PBR PANEL STANDARD TRIM



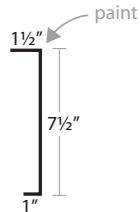


# PBR PANEL STANDARD TRIM

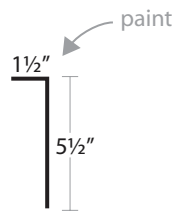
**Wainscot**



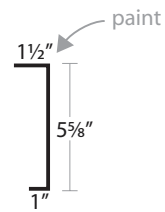
**Standard Door Jamb**



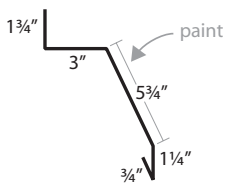
**Open Jamb**



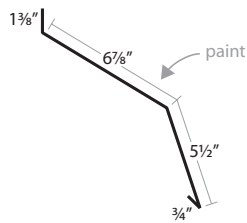
**Mini Door Jamb**



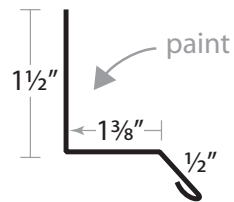
**Single Track Cover**



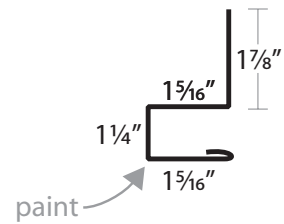
**Double Track Cover**



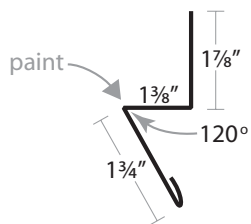
**L-Base / Drip Cap**



**Square Base**



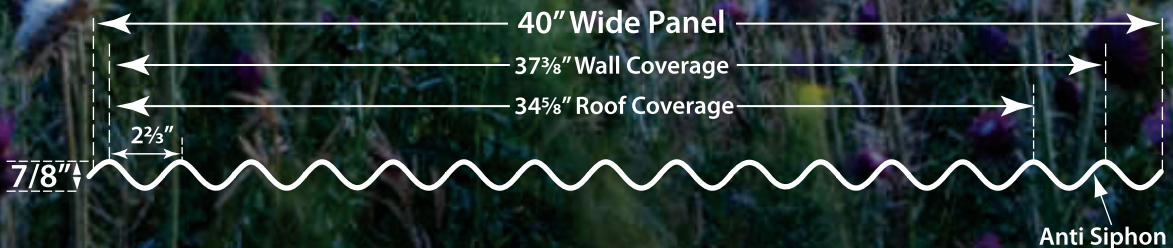
**Angle Base**



EPIC STEEL

# 7/8" CORRUGATED

7/8" CORRUGATED



# 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)

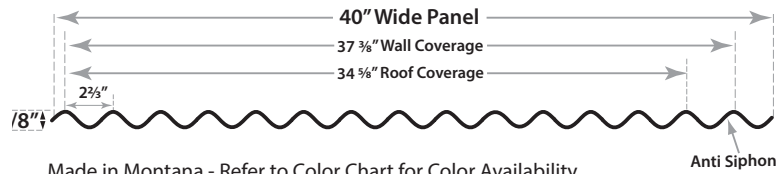
**Available Material Type:** Painted, Cold Roll Steel, Core-Ten®, 16 & 20oz Copper, Bonderized, Acralume®, Galvanized G-60, and Western Rust

**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"					
	2	5'6"	5'9"	5'3"	4'10"	4'7"	4'3"	0'8"	.064	.028	.064	.028
	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"					
	2	7'3"	6'7"	6'0"	5'6"	5'2"	4'10"	0'9"	.081	.036	.081	.036
	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"					
	2	7'9"	7'3"	6'8"	6'2"	5'9"	5'6"	0'10"	.102	.044	.102	.044
	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"					
	2	8'3"	7'8"	7'2"	6'9"	6'3"	6'0"	1'0"	.121	.053	.121	.053
	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"					
	2	9'1"	8'4"	7'10"	7'6"	7'2"	6'10"	1'1"	.160	.070	.160	.070
	3	8'6"	7'10"	7'6"	7'1"	6'9"	6'6"					

- 1 1/2" 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.*

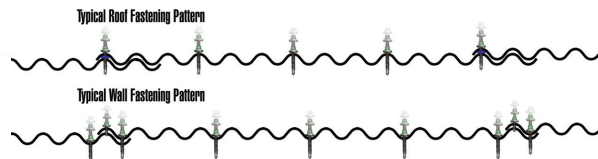
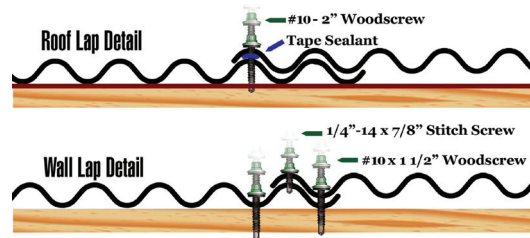
## APPLICATION DETAILS

**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 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 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.

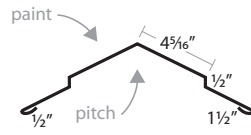


7/8" CORRUGATED

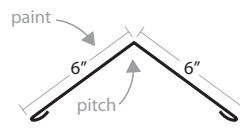
# 7/8" CORRUGATED STANDARD TRIM

(10'0" STICK)

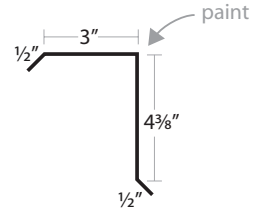
**Standard Ridge Cap**



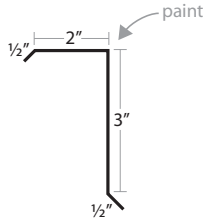
**Hip Ridge**



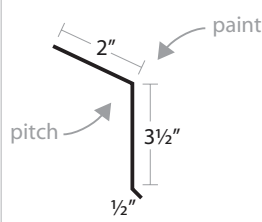
**Gable**



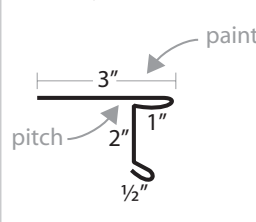
**Mini Gable**



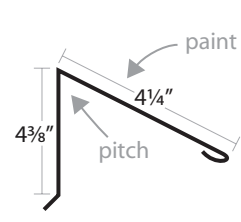
**Eave**



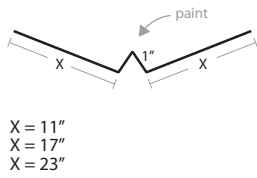
**Style-D Eave**



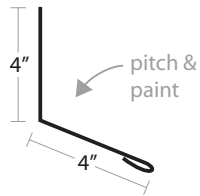
**High Eave**



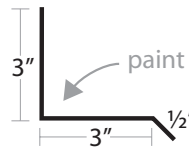
**W-Valley**



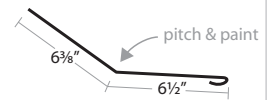
**Endwall**



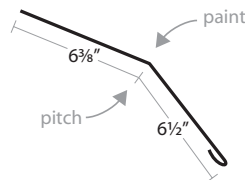
**Sidewall**



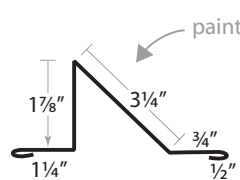
**Lower Transition**



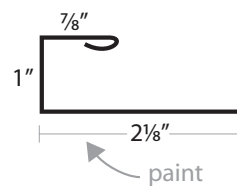
**Upper Transition**



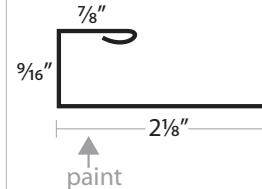
**Snow Stop**



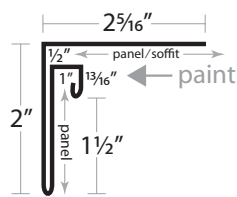
**7/8" J-Metal**



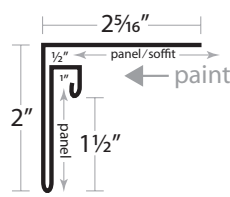
**1/2" J-Metal**



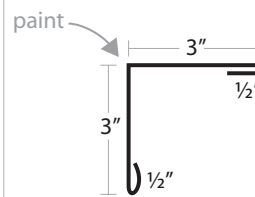
**F+J 1/2" x 7/8"**



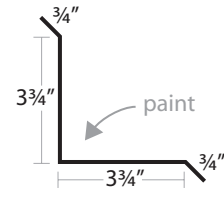
**F+J 7/8" x 7/8"**



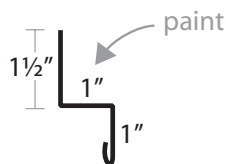
**Outside Corner**



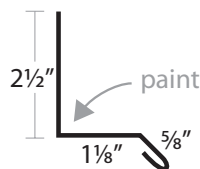
**Inside Corner**



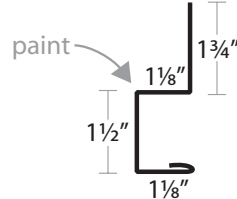
**Wainscot**



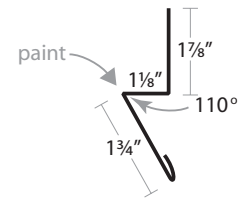
**L-Base / Drip Cap**



**Square Base**



**Angle Base**

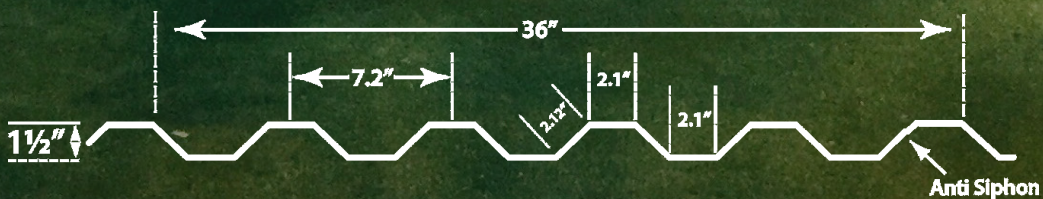


7/8" CORRUGATED STANDARD TRIM

EPIC STEEL

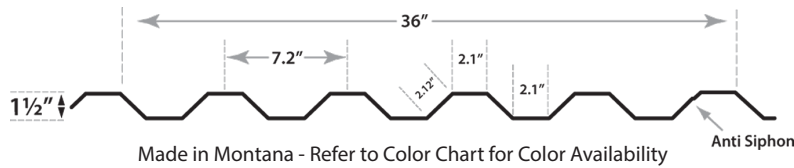
# 7.2" BOX RIB

7.2" BOX RIB



# 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 fleure, 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.

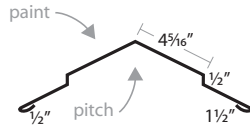


# 7.2" BOX RIB STANDARD TRIM

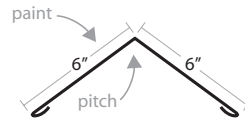
\* All Hems 1/2"

(10'0" STICK)

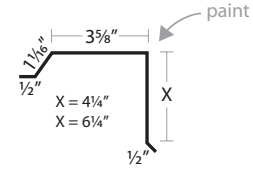
**Standard Ridge Cap**



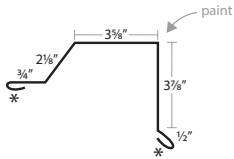
**Hip Ridge**



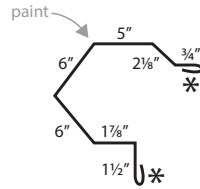
**Gable**



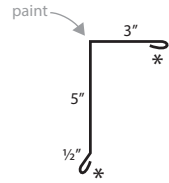
**Mini Gable**



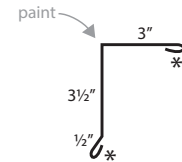
**Sculpted Gable**



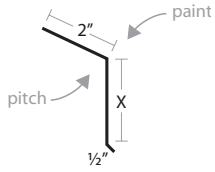
**Flat Gable**



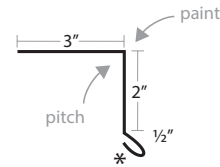
**Flat Mini Gable**



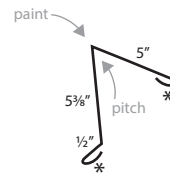
**Eave**



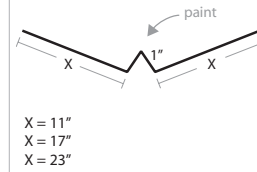
**Mini Eave**



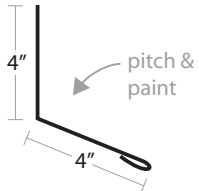
**High Eave**



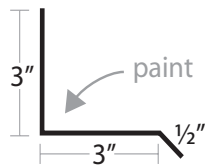
**W-Valley**



**Endwall**



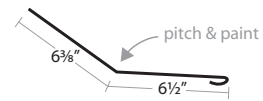
**Sidewall**



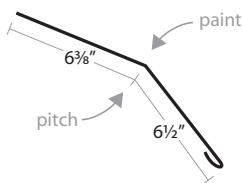
**Flat Sidewall**



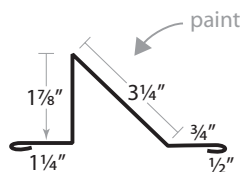
**Lower Transition**



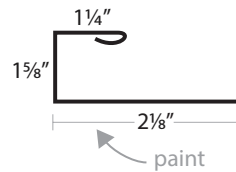
**Upper Transition**



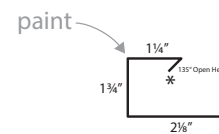
**Snow Stop**



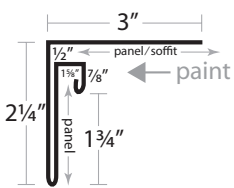
**J-Metal**



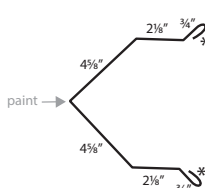
**Jamb Trim**



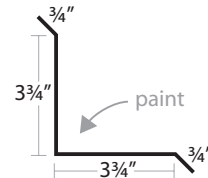
**F+J 1 1/2" x 1 1/2"**



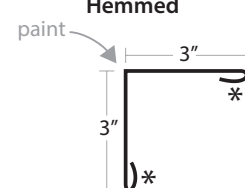
**Outside Corner**



**Inside Corner**

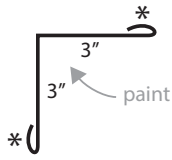


**Outside Corner Hemmed**

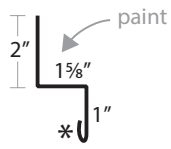


# 7.2" BOX RIB STANDARD TRIM

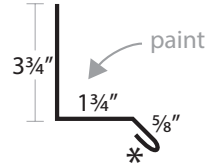
**Inside Corner Hemmed**



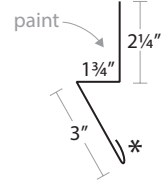
**Wainscot**



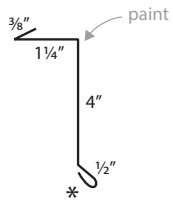
**L-Base / Drip Cap**



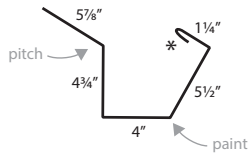
**Angle Base**



**Reglet Flashing**

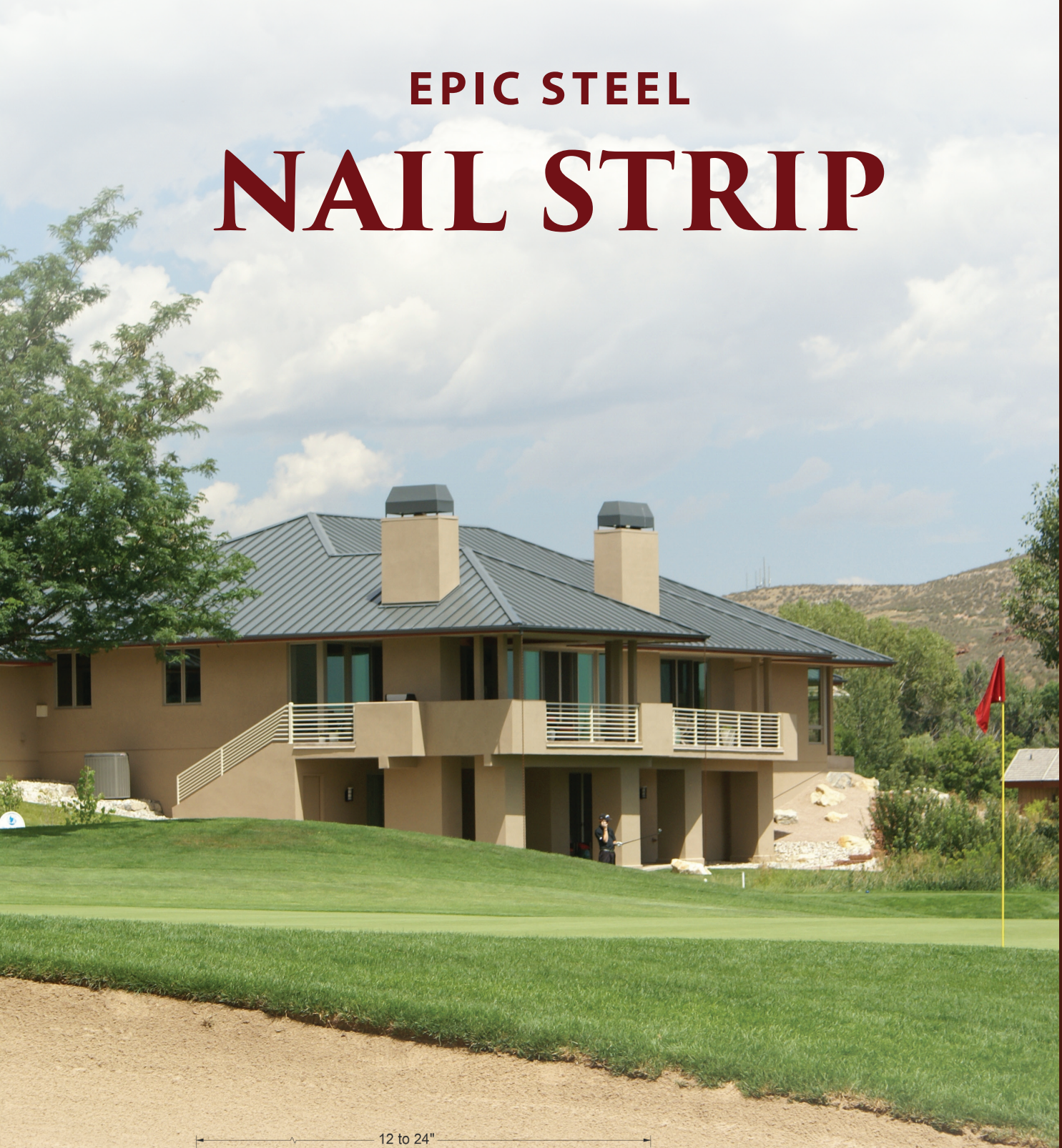


**Eave Gutter**

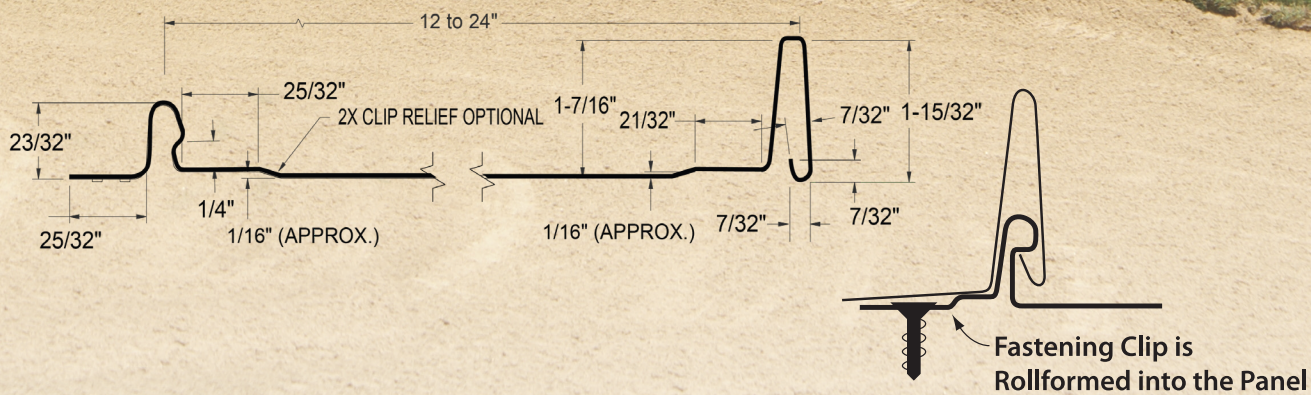




# EPIC STEEL NAIL STRIP

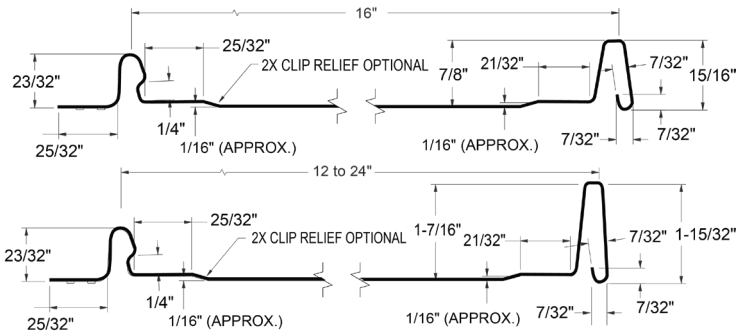


NAIL STRIP

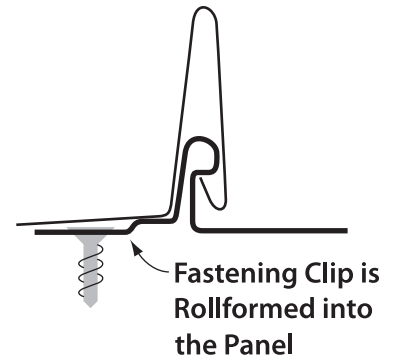


# NAIL STRIP

## MATERIAL SPECIFICATIONS



Made in Montana - Refer to Heavy Ga. Color Chart for Color Availability



## LOAD TABLES

Panel	Type	Test Type	Width	Gauge	Fastener Spacing	Decking
1" Nail	Wind Uplift Class 90	UL Construction #600	16	24 CRS	16	1/2 Plywood
1.5" Nail Strip	Flexural Strength	ASTM 330	12	24 CRS	12	Purlins 16 Ga
1.5" Nail Strip	Wind Uplift	Dade 80 MPH	15	24 CRS	12	1/2 Plywood
1.5" Nail Strip	Wind Uplift	Dade 140 MPH	15	24 CRS	12	5/8 Plywood
1.5" Nail Strip	Hail	UL Class 4	15	24 CRS	18	5/8 Plywood
1.5" Nail Strip	Impact	Dade Impact	15	24 CRS	18	5/8 Plywood
1.5" Nail Strip	Hail	UL Class 4	15	24 CRS	18	5/8 Plywood
1.5" Nail Strip	Water	Dade Wind Driven Rain	16	24 CRS	18	5/8 Plywood
1.5" Nail Strip	Wind Uplift	ASTM 1592	12	24 CRS	12	Purlins 16 Ga
1.5" Nail Strip	Wind Uplift Class 90	UL Construction #587	14.5	24 CRS	18	5/8 Plywood
1.5" Nail Strip	Wind Uplift Class 90	UL Construction #601	16	24 CRS	12	5/8 Plywood

*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.*



**Gauge:** 24, 26

**Weight:** 1.00lb./SQFT., .75lb./SQFT.

**Steel Yield Stress:** 50,000, Grade-D Galvalume Steel Gauge, G-60

**Paint System:** Duracoat ULTRA-CLAD™ Kynar 500®/ Hylar 5000®.

**Warranty:** 35 Years on ULTRA-CLAD™

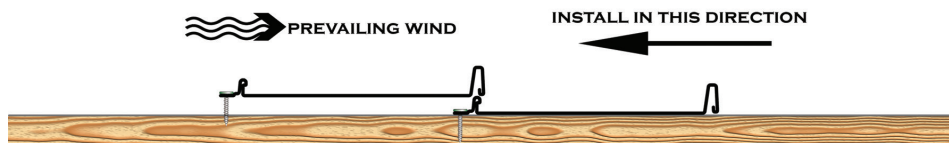
**Available Material Types:**

Painted, Galvalume, AZP-RAW, Vintage, and 16 & 20 oz. Copper

**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: A792, A653, A924 Grade D (50,000 min. yield) unless otherwise designated at time of order.

## APPLICATION DETAILS



### Minimum Slope Requirement:

1" Nail Strip - 3:12

1.5" Nail Strip - 3:12

**Roof Application:** Fastener Spacing: 12" to 24", refer to engineering specifications for proper clip spacing and substrate specifications.

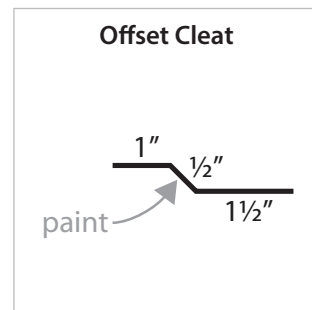
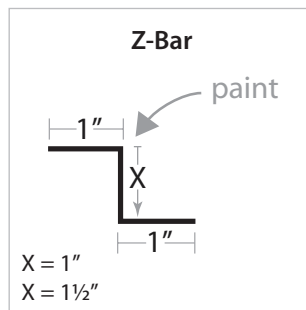
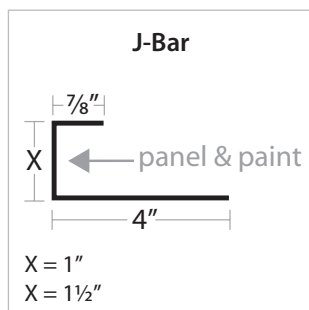
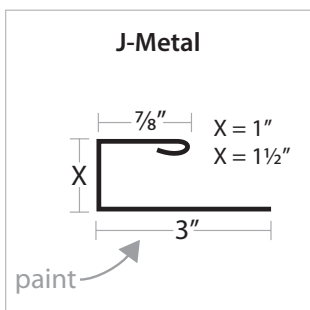
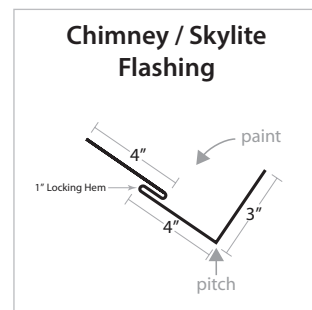
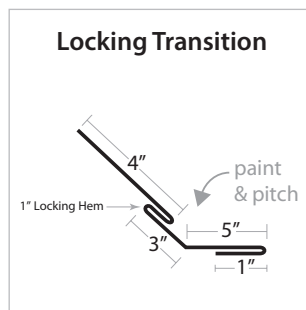
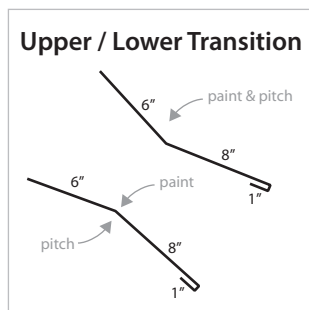
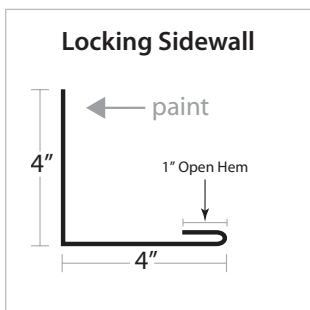
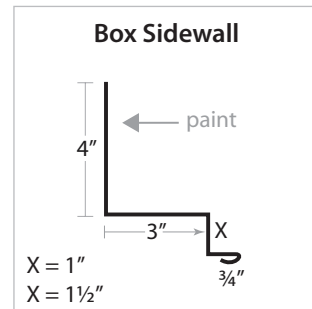
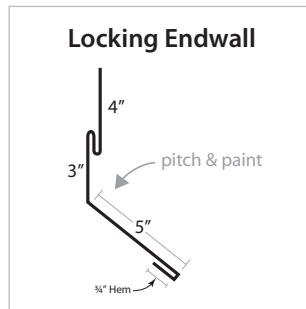
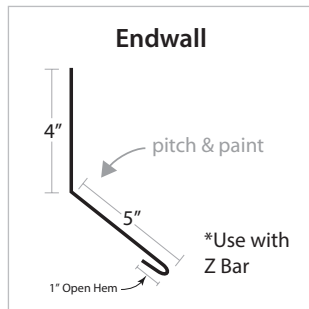
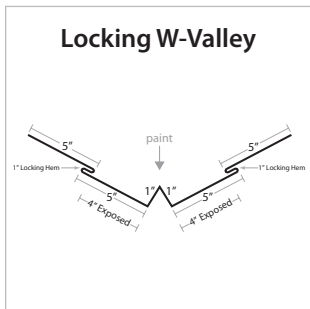
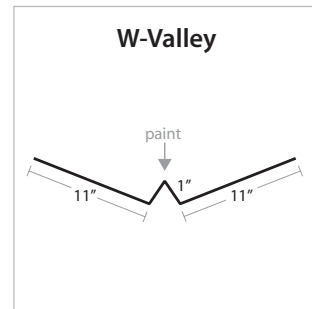
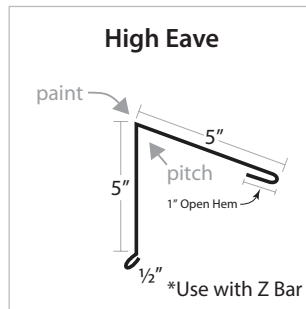
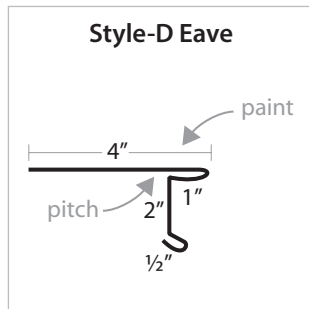
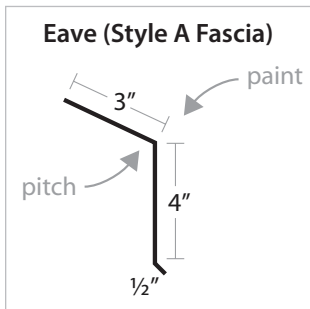
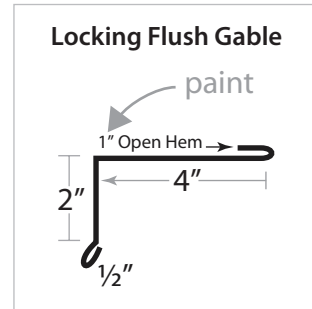
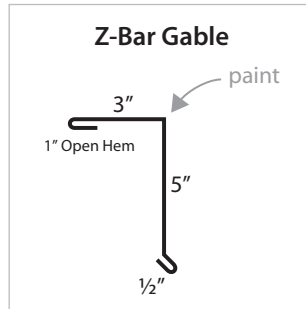
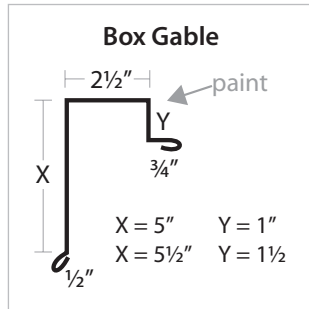
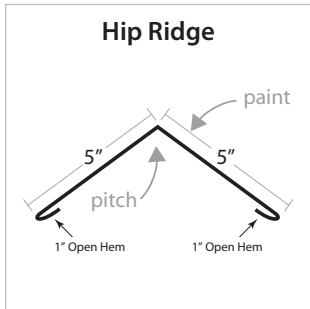
Standing seam metal roofing can be used in conjunction with exposed fastener trim pieces or trim that is designed to reduce/eliminate the need of exposed fasteners on the roofing surface. This designation must be made prior to production.

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

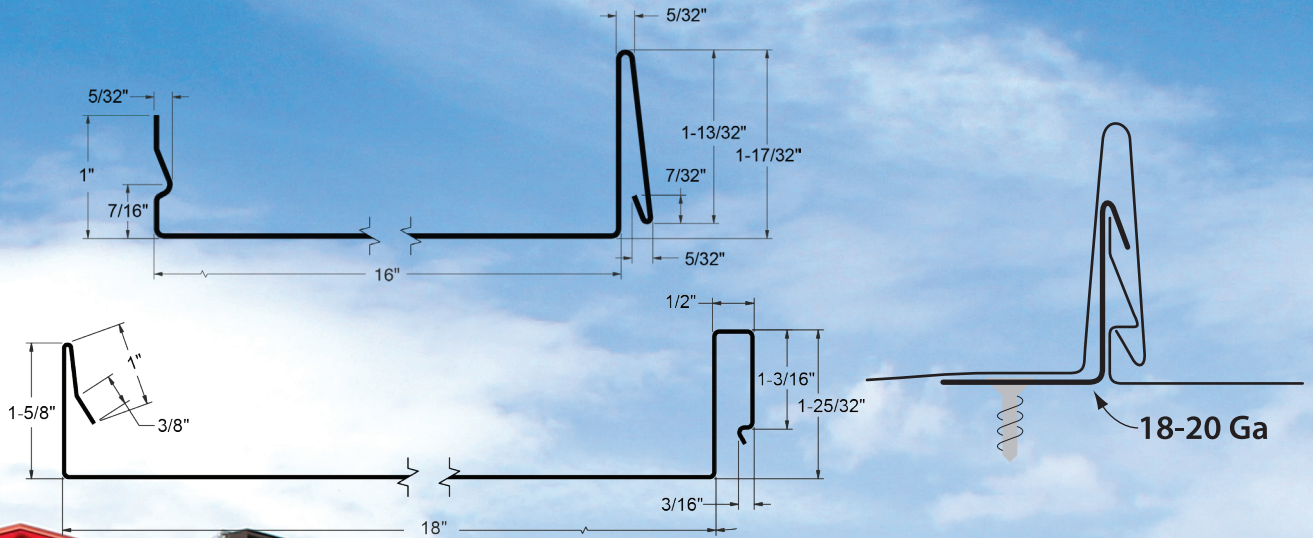
\* EPIC Steel recommends that all flat pan panels be ordered with striations to avoid appearance of oil canning. Oil canning will not be considered a reason for rejection.

# NAIL STRIP STANDARD TRIM

## 10'0" STICK



# EPIC STEEL SNAP LOCK

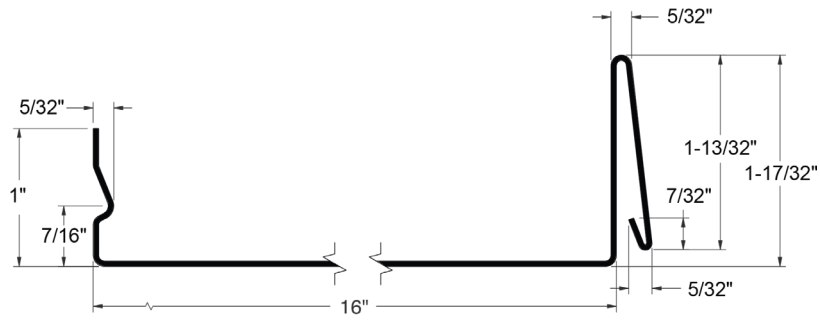
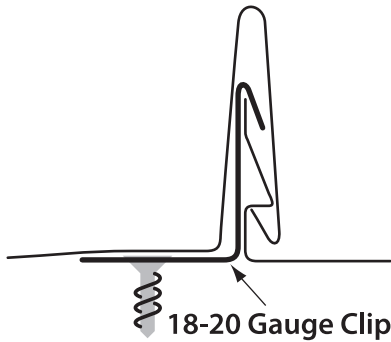


SNAP LOCK



# SNAP LOCK

## MATERIAL SPECIFICATIONS



Made in Montana - Refer to Heavy Ga. Color Chart for Color Availability

## PANEL INFO

**Gauge:** 24, 26

**Weight:** 1.00lb./SQFT, .75lb./SQFT.  
Steel Yield Stress: 50,000 Grade-D  
Galvalume Steel Gauge, G-60

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

**Warranty:** 35-Years on  
ULTRA-CLADTM

**Available Material Types:** Painted,  
Galvalume, AZP-RAW, Vintage, and  
16 & 20 oz Copper

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

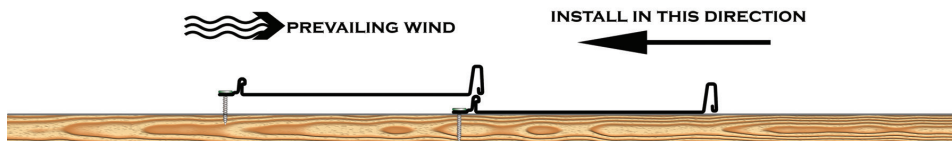
All gauges conform to ASTM: A525,  
A792, A606, A653, and A924 Grade D  
(50,000 min. yield) unless otherwise  
designated at time of order.

Panel	Type	Test Type	Width	Gauge	Fastener Spacing	Decking
1.5" Snap Lock	Impact	Dade Impact	16	24 CRS	36	5/8 Plywood
1.5" Snap Lock	Wind Uplift	Dade 90 MPH	16	24 CRS	36	1/2 Plywood
1.5" Snap Lock	Hail	UL Class 4	16	24 CRS	36	5/8 Plywood
1.5" Snap Lock	Water Infiltration	ASTM 331	16	24 CRS	36	5/8 Plywood
1.5" Snap Lock	Water	Dade Wind Driven Rain	16	24 CRS	36	5/8 Plywood
1.5" Snap Lock	Air Filtration	ASTM 283	16	24 CRS	36	Purlins 16 Ga
1.5" Snap Lock	Flexural Strength	ASTM 330	16	24 CRS	36	Purlins 16 Ga
1.5" Snap Lock	Wind Uplift	Dade 140 MPH	16	24 CRS	36	5/8 Plywood
1.5" Snap Lock	Hail	UL Class 4	16	26 CRS	36	5/8 Plywood
1.5" Snap Lock	Wind Uplift Class 90	UL Construction #589	16	24 CRS	36	5/8 Plywood

*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:**  
1.5" Snap Lock - 3:12

**Roof Application: Fastener Spacing:**  
12" and 24", refer to engineering  
specifications for proper clip  
spacing and substrate specifications.

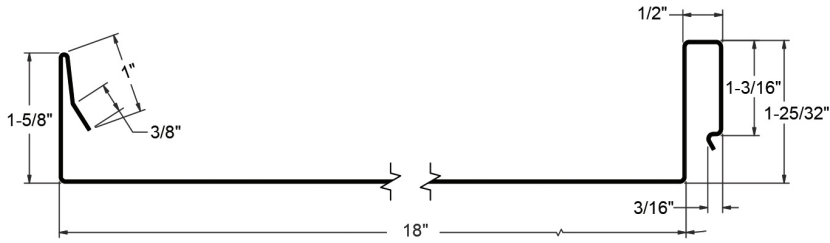
Standing seam metal roofing can be used in conjunction with exposed fastener trim pieces or trim that is designed to reduce/eliminate the need of exposed fasteners on the roofing surface. This designation must be made prior to production.

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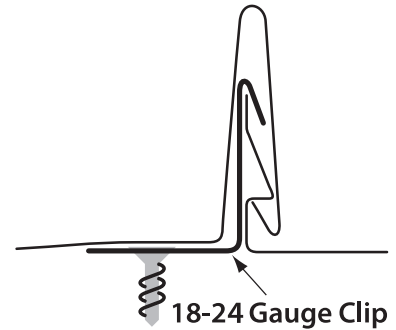
\* EPIC Steel recommends that all flat pan panels be ordered with striations to avoid appearance of oil canning. Oil canning will not be considered a reason for rejection.

# SNAP LOCK

## MATERIAL SPECIFICATIONS



Made in Montana - Refer to Heavy Ga. Color Chart for Color Availability



## LOAD TABLES

### Panel Information:

- Panel Type: Standing Seam
- Panel Seam: Snaplock
- Panel Width: 17.88", 13.88", 9.88"
- Seam Height: 1.75"
- Panel Clip: Required Per Engineering
- Minimum Slope: 2/12
- Substrate: Plywood, B-Deck, B-Deck with ISO

### Panel Testing

- Uplift Resistance: UL 580, UL 1897, UL 90
- Air Infiltration: ASTM E 1680
- Water Penetration: ASTM E 1646
- Hail Rating: Class 4 Impact UL 2218
- Fire Rating: UL Class A
- Insurance Approval: RC-387, RC-388, RC-389
- FBC Non-HVHZ Approval: FL 18316

**Gauge:** 24, 26

**Weight:** 1.00lb./SQFT, .75lb./SQFT.

**Steel Yield Stress:** 50,000, Grade-D Galvalume Steel Gauge, G-60

**Paint System:** Duracoat ULTRA-CLAD™ Kynar 500®/ Hylar 5000®.

**Warranty:** 35 Years on ULTRA-CLAD™

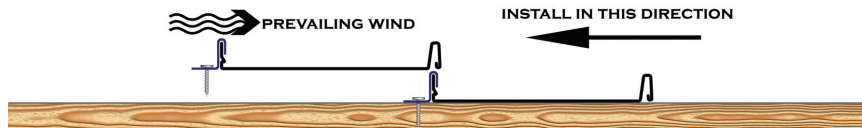
### Available Material Types:

Painted, Galvalume, AZP-RAW, Vintage, and 16 & 20 oz. Copper

**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: A792, A653, A924 Grade D (50,000 min. yield) unless otherwise designated at time of order.

## APPLICATION DETAILS



**Minimum Slope Requirement:** 2/12

**Roof Application:** Fasteners should be spaced 18", refer to engineering specifications for proper clip spacing and substrate specifications.

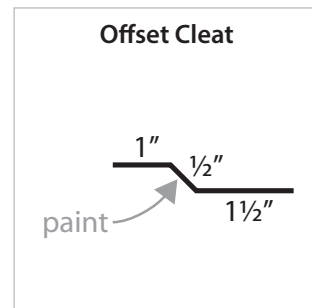
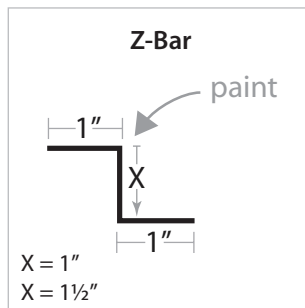
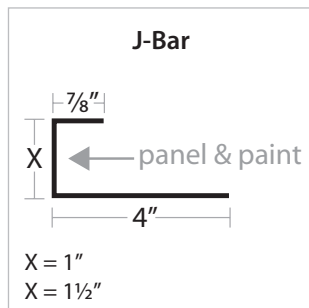
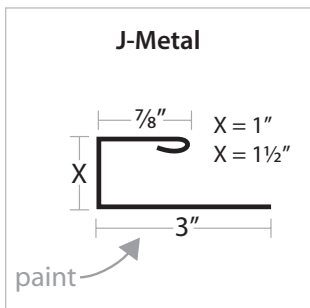
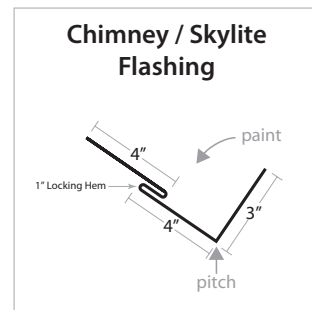
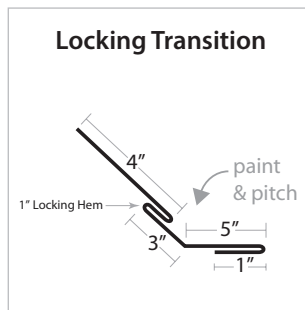
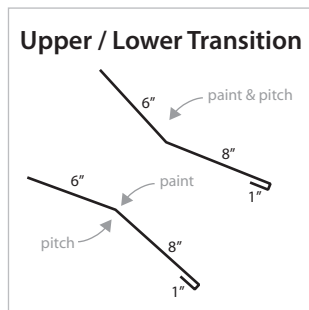
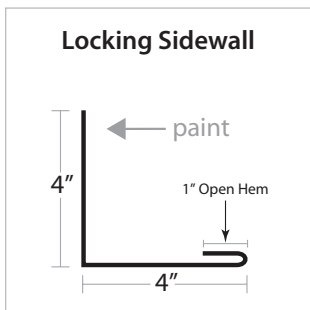
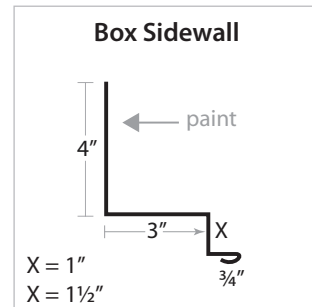
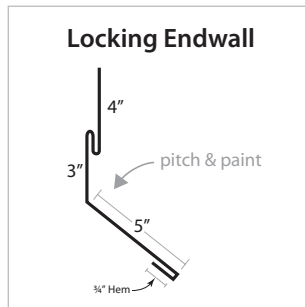
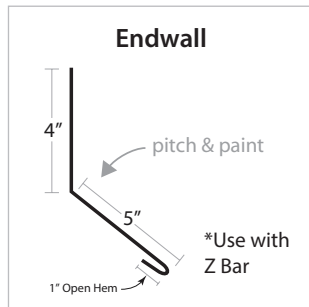
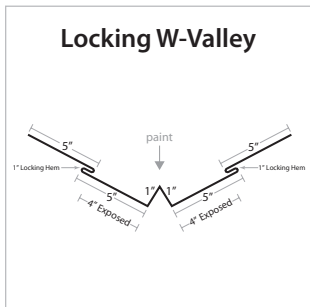
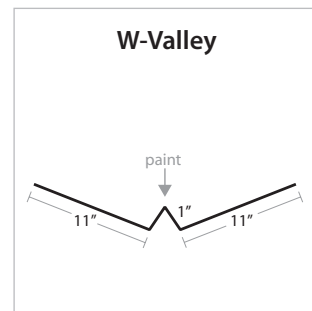
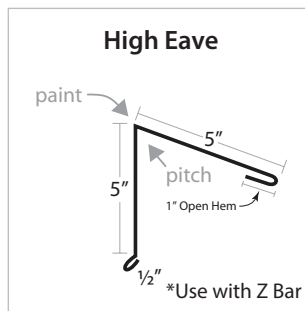
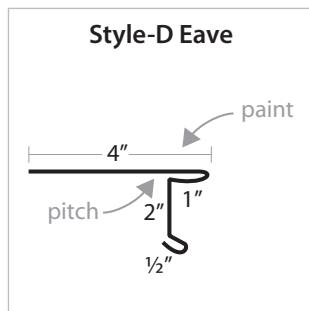
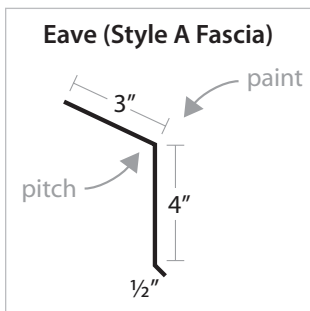
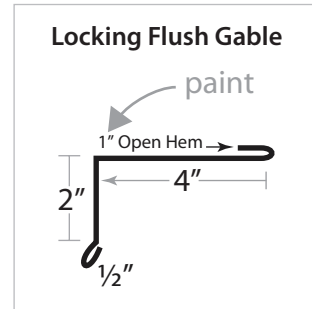
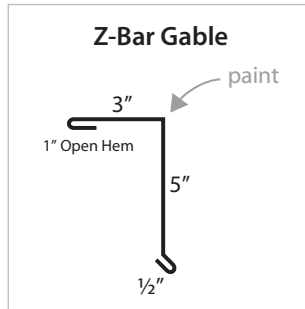
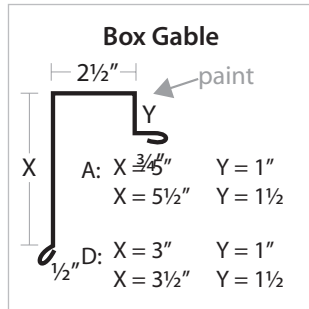
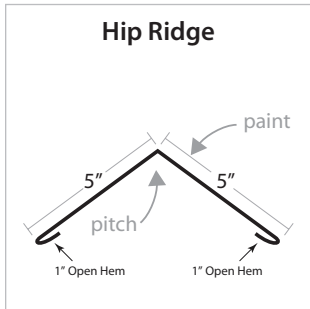
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\* EPIC Steel recommends that all flat pan panels be ordered with striations to avoid appearance of oil canning. Oil canning will not be considered a reason for rejection.

# SNAP LOCK STANDARD TRIM

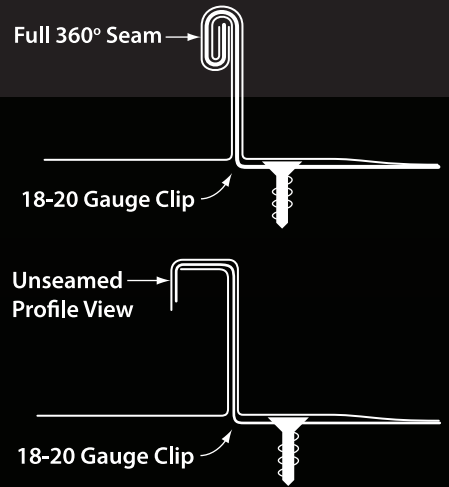
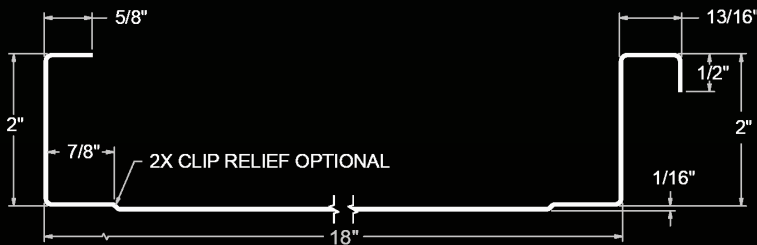
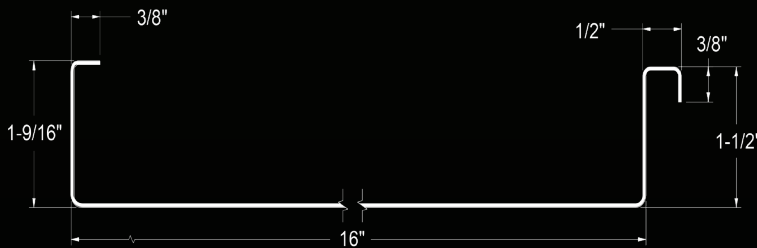
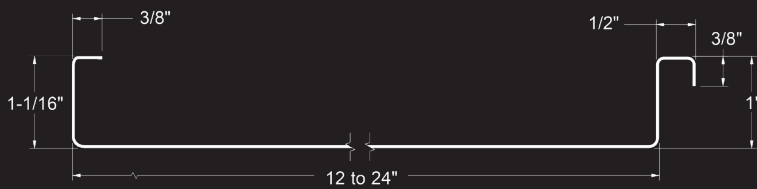
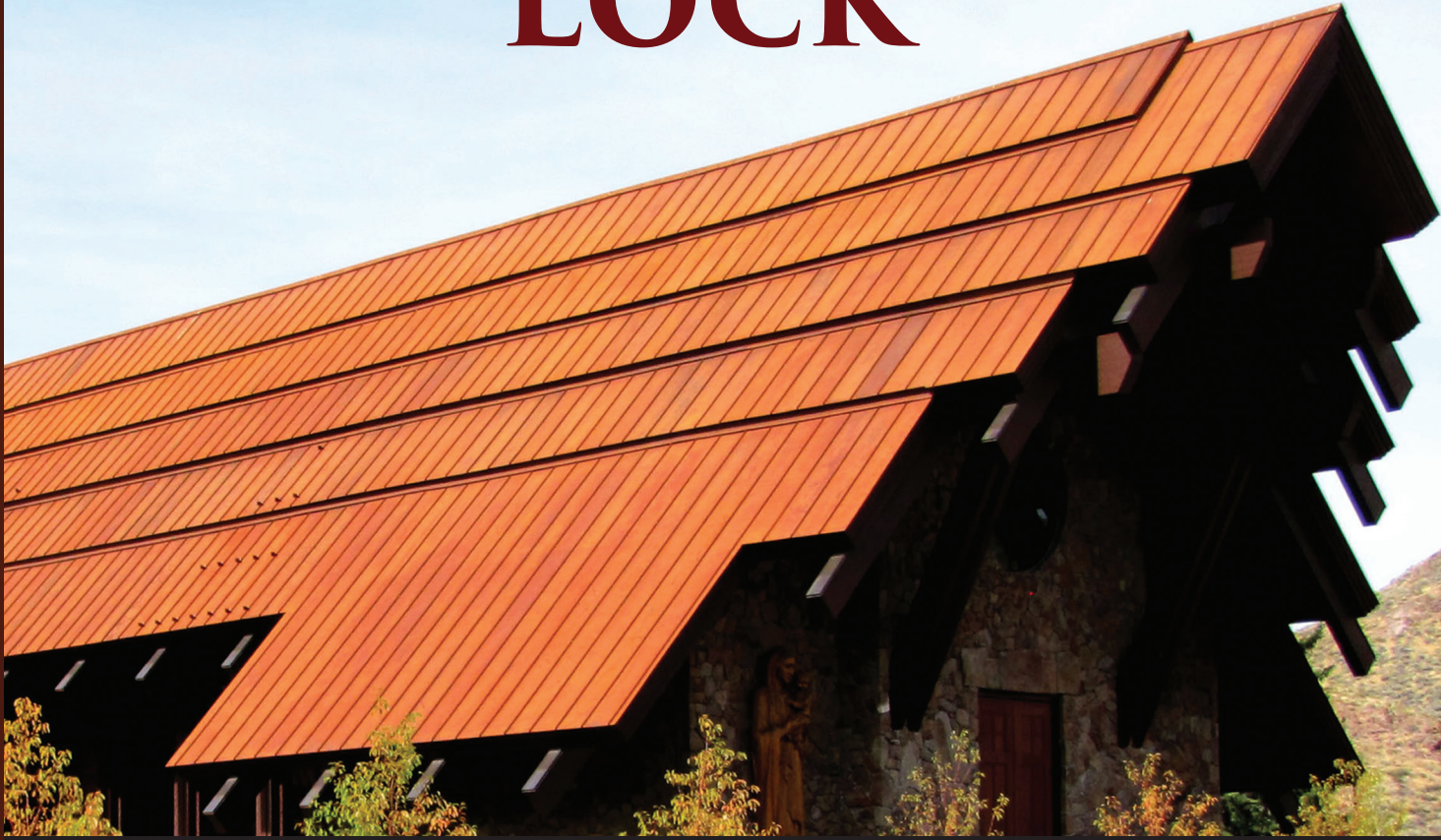
## 10'0" STICK



SNAP LOCK STANDARD TRIM

# EPIC STEEL MECHANICAL LOCK

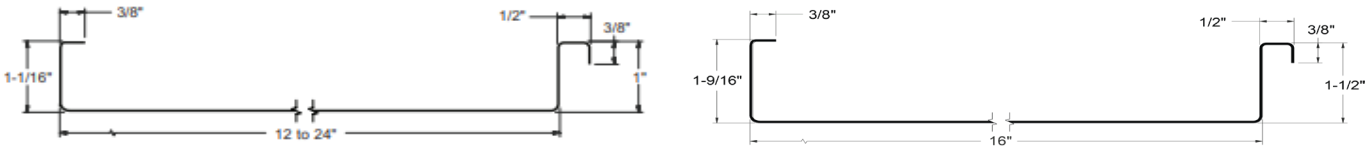
MECHANICAL LOCK





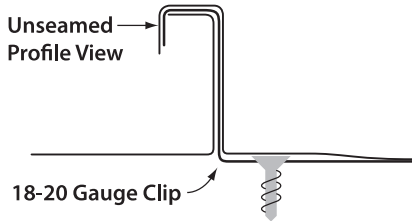
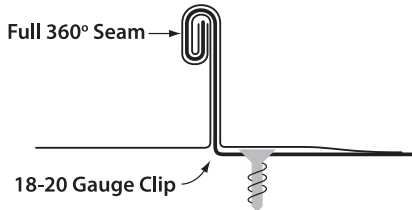
# MECHANICAL LOCK

## MATERIAL SPECIFICATIONS



Made in Montana - Refer to Heavy Ga. Color Chart for Color Availability

## LOAD TABLES



**Gauge:** 22, 24, 26

**Weight:** 1.25lb./SQFT, 1.00lb./SQFT, .75lb./SQFT.

**Steel Yield Stress:** 50,000 Grade-D Galvalume Steel Gauge, G-60

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

**Warranty:** 35-Years on ULTRA-CLADTM

**Available Material Types:** Painted, Galvalume, Bonderized, Rezibond, Core-Ten™, AZP-RAW, Vintage, and 16 & 20 oz Copper

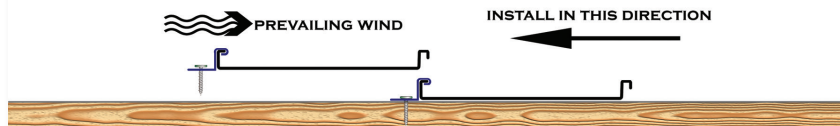
**Gauging System:** Epic Steel follows the national A.I.S.I. (American Iron and Steel Institute) specifications manual for tolerances in galvanized sheet metal.

All gauges conform to ASTM: A525, A792, A606, A653, and A924 Grade D (50,000 min. yield) unless otherwise designated at time of order.

Panel	Type	Test Type	Width	Gauge	Fastener Spacing	Decking
1.5" Mechanical	Air Filtration	ASTM 283	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Water Filtration	ASTM 331	16	25 CRS	36	5/8 Plywood
1.5" Mechanical	Wind Uplift Class 90	UL Construction #603	20	.032 ZINC	36	5/8 Plywood
1.5" Mechanical	Wind Uplift Class 90	UL Construction #603	16	.032 ZINC	36	5/8 Plywood
1.5" Mechanical	Wind Uplift Class 90	UL Construction #605	16	16 oz. CU	36	5/8 Plywood
1.5" Mechanical	Wind Uplift	Dade 80 MPH	16	24 CRS	36	1/2 Plywood
1.5" Mechanical	Wind Uplift	Dade 140 MPH	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Impact	Dade Impact	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Water	Dade Wind Driven Rain	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Wind Uplift Class 90	UL Construction #588	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Wind Uplift Class 90	UL Construction #589	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Hail	UL Class 4	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Hail	UL Class 4	16	24 CRS	36	5/8 Plywood
1.5" Mechanical	Wind Uplift	ASTM 1592	18.25	24 CRS	36	Pulins 16 Ga
1.5" Mechanical	Flexural Strength	ASTM 330	18.25	24 CRS	36	Pulins 16 Ga
1.5" Mechanical	Wind Uplift	ASTM 1592	18.25	24 CRS	36	Pulins 16 Ga
1.5" Mechanical	Flexural Strength	ASTM 330	18.25	24 CRS	36	Pulins 16 Ga

*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:

1" Mechanical Lock- 2:12 (hot melt required below 3:12)

1.5" Mechanical Lock - 2:12 (hot melt required below 3:12)

**Roof Application:** Fastener Spacing: 24" and 36", refer to engineering specifications for proper clip spacing and substrate specifications.

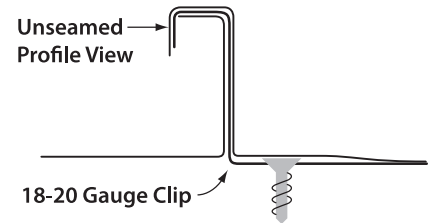
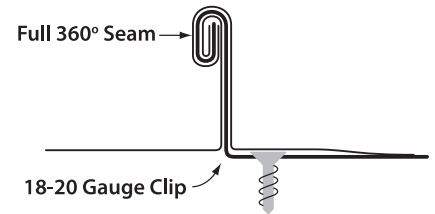
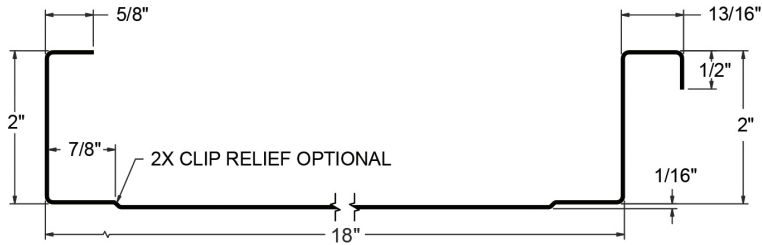
Standing seam metal roofing can be used in conjunction with exposed fastener trim pieces or trim that is designed to reduce/ eliminate the need of exposed fasteners on the roofing surface. This designation must be made prior to production.

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

\* EPIC Steel recommends that all flat pan panels be ordered with striations to avoid appearance of oil canning. Oil canning will not be considered a reason for rejection.

# MECHANICAL LOCK

## MATERIAL SPECIFICATIONS



## LOAD TABLES

### Panel Information:

- Panel Type: Standing Seam
- Panel Seam: Mechanical
- Panel Width: 14.19", 18.19"
- Seam Height: 2"
- Panel Clip: Required Per Engineering
- Minimum Slope: 0.5/12
- Substrate: Open Framing, B-Deck with ISO

### Panel Testing

- Uplift Resistance: UL 90
- Hail Rating: Class 4 Impact UL 2218
- Fire Rating: UL Class A

**Gauge:** 22, 24

**Weight:** 22 Ga. - 1.25lb/SQFT  
24 Ga. - 1.00lb/SQFT

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

### Warranty:

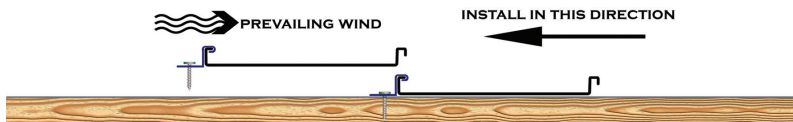
35 Year Limited Paint Warranty  
Weathertight Warranty

**Available Material Types:** Painted, Galvalume, Bonderized Rezibond, Core-Ten, Vintage, AZP-RAW, and 16 & 20oz 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

## APPLICATION DETAILS



**Minimum Slope Requirement-** 0.5:12 (*hot melt required below 3:12*)

**Roof Application:** Fasteners should be spaced 12" and 24", refer to engineering specifications for proper clip spacing and substrate specifications.

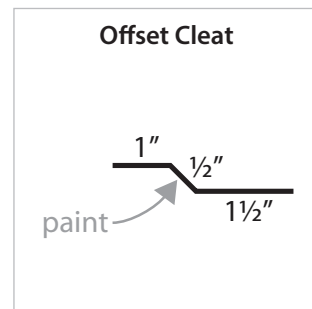
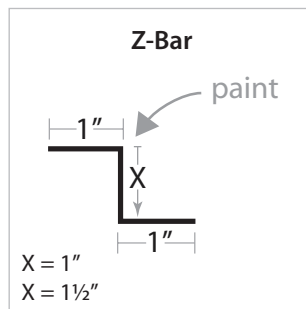
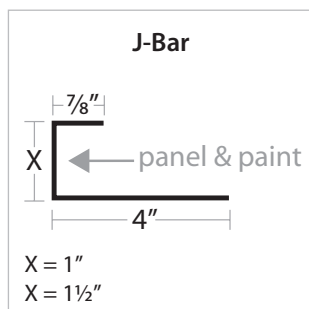
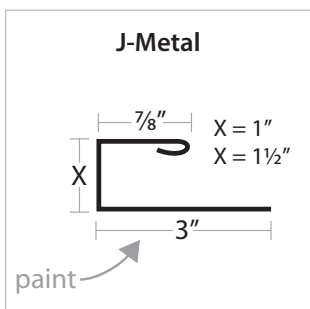
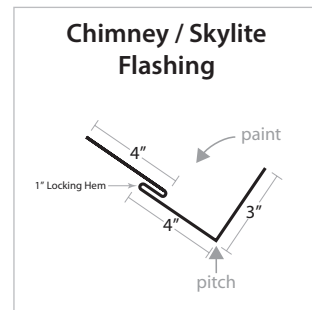
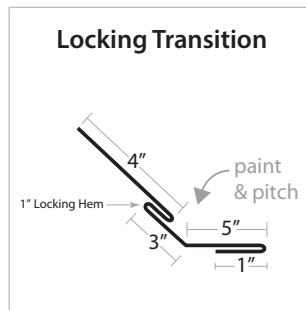
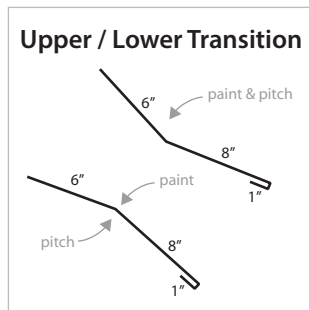
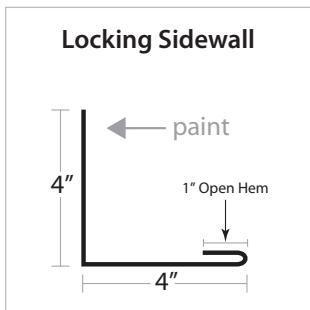
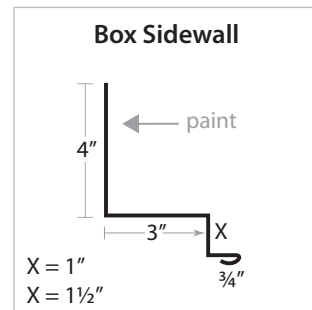
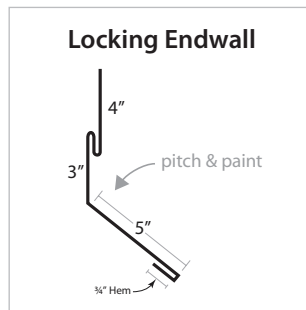
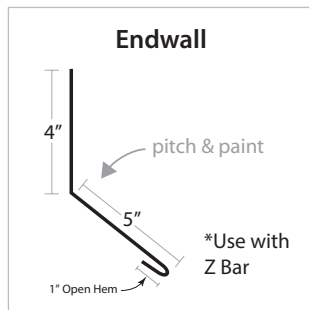
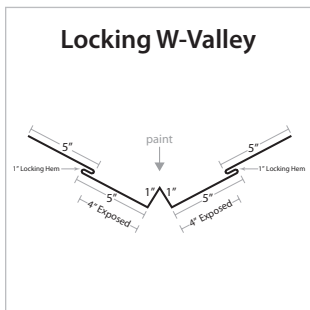
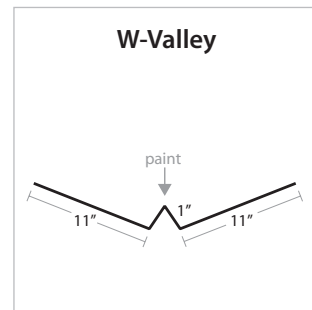
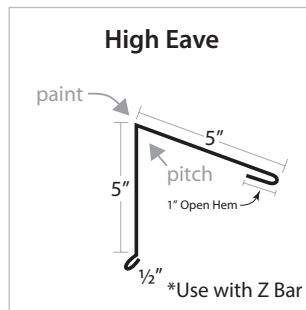
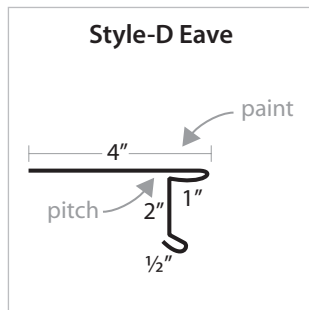
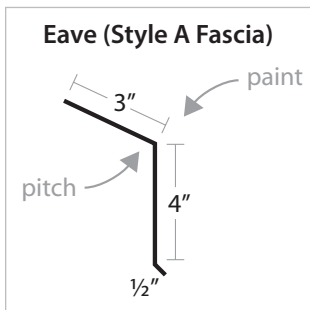
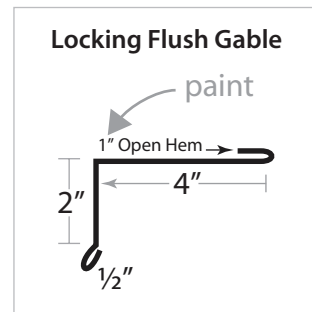
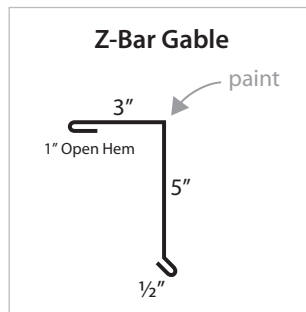
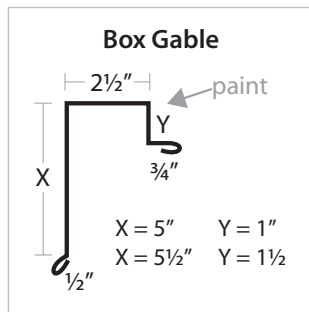
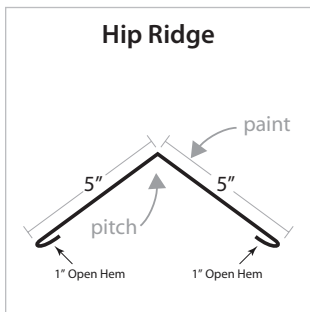
Standing seam metal roofing can be used in conjunction with exposed fastener trim pieces or trim that is designed to reduce/eliminate the need of exposed fasteners on the roofing surface. This designation must be made prior to production.

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

\* EPIC Steel recommends that all flat pan panels be ordered with striations to avoid appearance of oil canning. Oil canning will not be considered a reason for rejection.

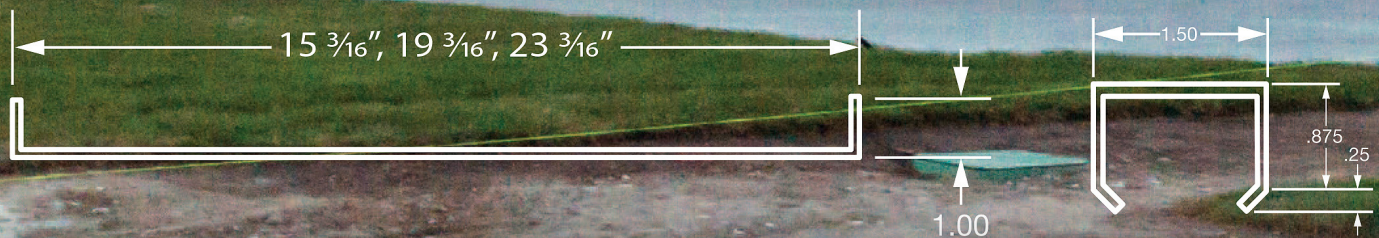
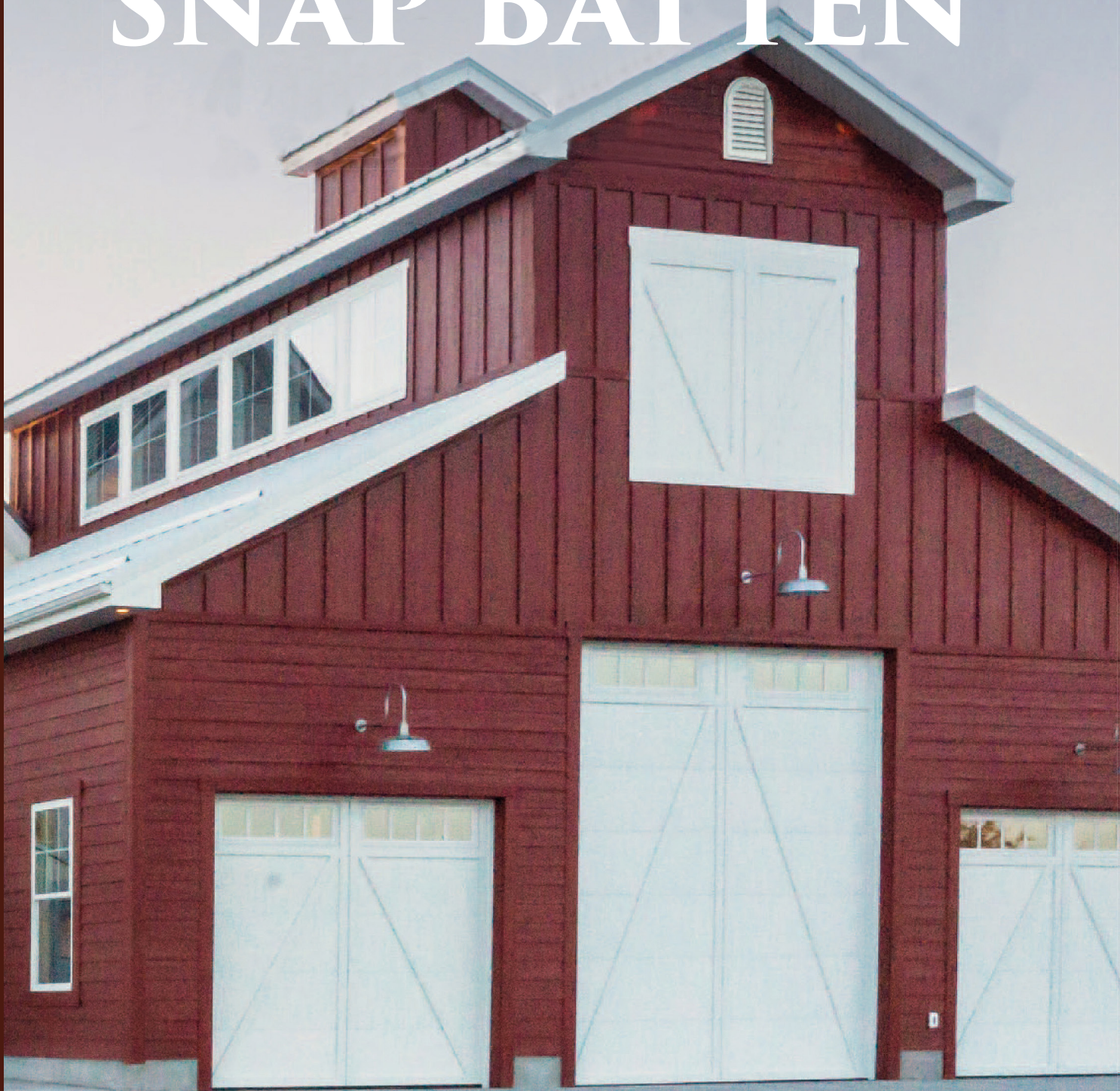
# MECHANICAL LOCK STANDARD TRIM

## 10'0" STICK



# EPIC STEEL SNAP BATTEN

SNAP BATTEN



# SNAP BATTEN

**Gauge:** 22, 24, 26

**Weight:** 1.00lbs/SqFt (24)  
0.75lbs/SqFt (26)

**Substrate:** AZ-50, Grade D, 50,000ksi

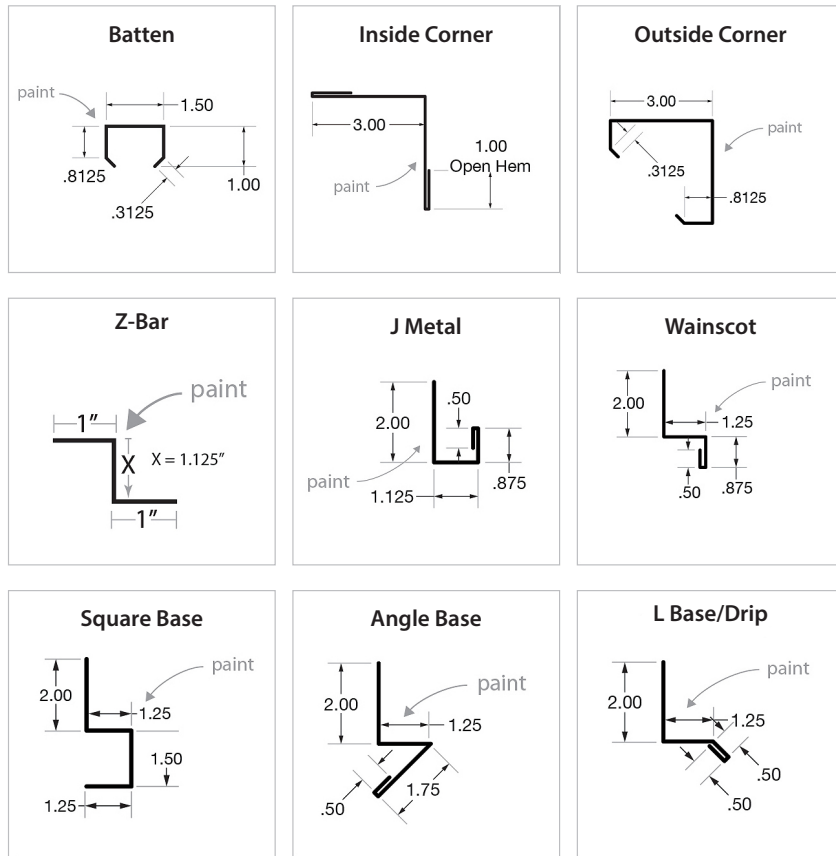
**Paint System:** Durapon70™

**Available Materials:** Painted, Galvalume, Bonderized, Western Rust, CORE-TEN, 16 & 20 oz. Copper

**Minimum Slope:** Epic Steel recommends using Snap Batten for siding applications only.

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 A792 and ASTM A653 Grade E (80,000 min. yield)/ or Grade D (50,000 min. yield) unless otherwise designated at time of order.



Board and Batten combine the look of popular wood batten siding with the low maintenance and strength of steel. Give your project a modern look in any of our standard colors or a rustic look with our new Rustic Rawhide.

Get the Board and Batten look without the upkeep and hassle of real wood or vinyl. The hidden fastener style looks great as a wainscot or in full length wall applications. This product can be made in a variety of colors and gauges to meet your needs and has become one of our most popular siding options available. It's simple clip and snap design makes for fast and easy installation without compromising durability and wind resistance. Please call or come in to our office with questions or special requests.

## LOAD TABLES

Live Load (Strength)				
Span in Feet	2'	3'	4'	5'
28 Gauge Simple Span	113	45	19	10
28 Gauge Continuous Span	119	69	36	18

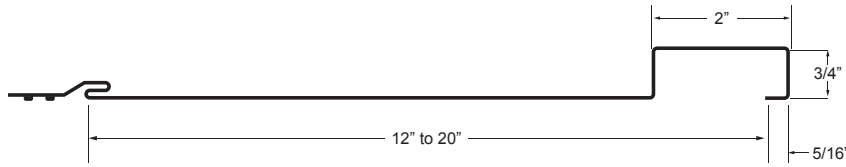
Uplift Load (Internal Pressure)				
Span in Feet	2'	3'	4'	5'
28 Gauge Simple Span	113	59	33	21
28 Gauge Continuous Span	119	74	42	27

*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.*



# BOARD AND BATTEN

## MATERIAL SPECIFICATIONS



**Available Widths:**  
 12.375" (Specialized)  
 16.375" (Standard)  
 20.375" (Specialized)

**Available Gauges:**  
 24 & 26 (Special Order)

**Weight:**  
 1.001bs/SqFt (24), .75lbs/SqFt (26)

**Substrate:** AZ-50, Grade D, 50,000ksi

**Available Materials:**  
 Painted, Galvalume, Bonderized®,  
 16 & 20 oz Copper

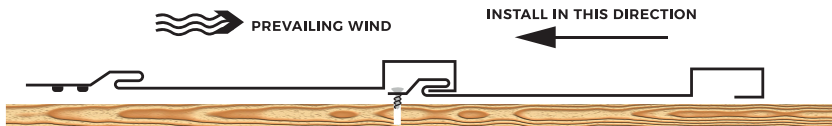
**Paint Systems:**  
 Durapon70™ PVDF, ULTRA CLAD™  
 Kynar500%/Hylar5000®  
 Valspar Fluorpon®

**Warranties:**

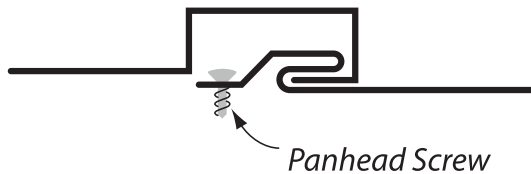
Durapon70™ PVDF	35 year
ULTRA-CLAD™	35 year
Zincalume® AZ50	20 year
Valspar™ PVD	35 year



## APPLICATION DETAILS



\*Fastener Spacing 2' on Center



**Production Options:** Either factory made to length with protective film to ensure damage free transport or rolled to length on site\*

**Panel Options:** Flat panel or striations (flat panel requires a waiver)

**Installation:** Can be installed on solid wood decking

**Minimum Slope:** Wall Mount Only

**Specifications for:**

- Class 4 Hail Impact
- Class A Fire Rating

**Please Note:** It is the responsibility of the builder to ensure that they are compliant with current building codes.

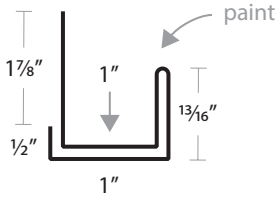
\*\*Oil Canning is not a reason for rejection of panels\*\*

\*\*Epic Steel is neither partially or soley responsible for improper installation or defects as a result of installation\*\*

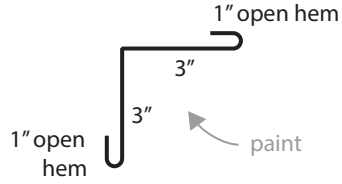
# BOARD AND BATTEN STANDARD TRIM

## 10'0" STICK

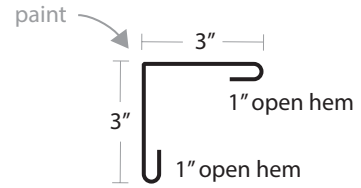
**J-Metal (Full-Return)**



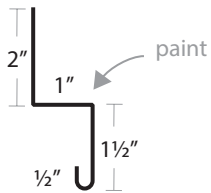
**Inside Corner\***



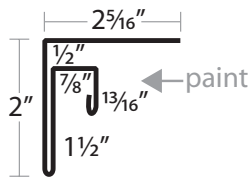
**Outside Corner\***



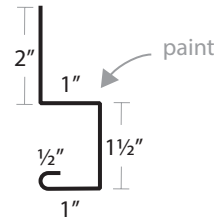
**Wainscot**



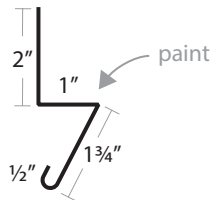
**F&J (1/2" x 3/4")**



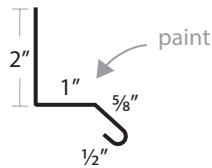
**Square Base**



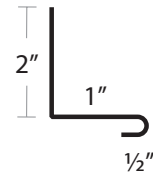
**Angle Base**



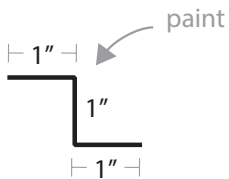
**L-Base/Drip**



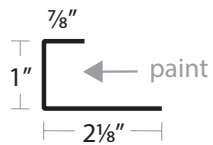
**Flat Base**



**Z-Bar**



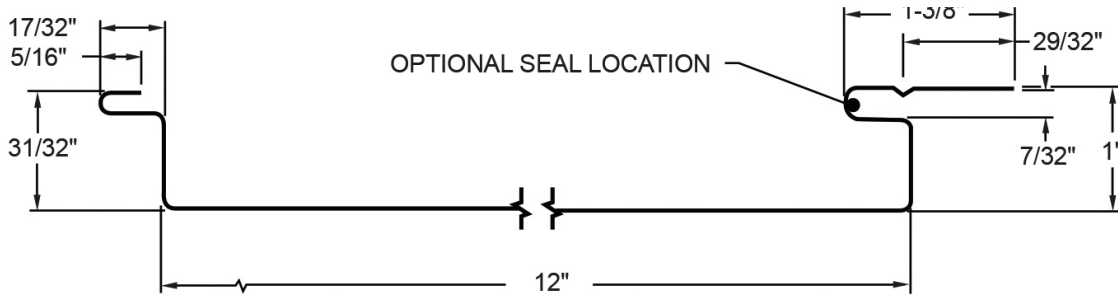
**J-Metal (no hem)**



\*Use with Z-Bar or J-Metal (no hem)

# FLUSH WALL

## MATERIAL SPECIFICATIONS



Made in Montana - Refer to Heavy Ga. Color Chart for Color Availability

## PANEL INFO

### Panel Information:

- Panel Type: Wall/Soffit
- Panel Width: 12", 16", 20"
- Seam Height: 1"
- Panel Material: 22 Ga, 24 Ga, 26 Ga.
- Panel Surface: Smooth or Perforated
- Panel can have up to 3" reveal in .5" increments

### Panel Testing

- Uplift Resistance: ASTM E 1592, UL 90
- Air Infiltration: ASTM E 283
- Water Penetration: ASTM E 331

**Gauge:** 22, 24, 26

**Weight:** 22 Ga. -1.25lb/SQFT  
24 Ga. - 1lb/SQFT 26Ga.-.75 lb/SQFT.

**Paint System:** Kynar 500 / Hylar 5000

**Warranty:** 35 Years on ULTRA-CLAD

### Available Material Types:

Painted, Galvalume, Bonderized, Core-Ten, 2-Tone, Vintage, 16 & 20 oz. Copper

**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: A792, A653, A924 Grade D (50,000 min. yield) unless otherwise designated at time of order.

## APPLICATION DETAILS

**Minimum Slope Requirement:** For use on walls/soffit.

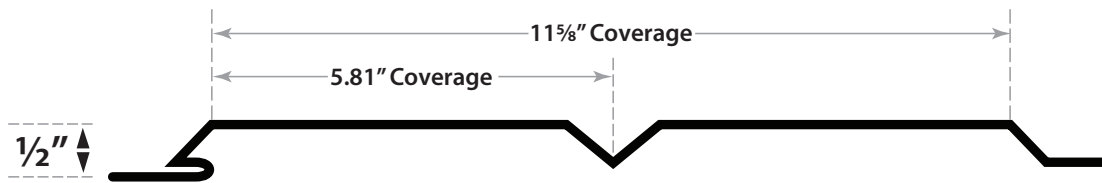
EPIC Steel is neither partially nor solely responsible for improper installation or defects as a result of installation.

\* EPIC Steel recommends that all flat pan panels be ordered with striations to avoid appearance of oil canning. Oil canning will not be considered a reason for rejection.



# SOFFIT

## MATERIAL SPECIFICATIONS



Made in Montana

## PANEL INFO

### Panel Information:

- Panel Type: Wall/Soffit
- Panel Width: 11 5/8"
- Seam Height: 1/2"
- Panel Material: 24 Ga - 28 Ga
- Panel Surface: Smooth or Perforated



## APPLICATION DETAILS

**Minimum Slope Requirement:** For use on walls/soffit.

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

\* EPIC Steel recommends that all flat pan panels be ordered with striations to avoid appearance of oil canning. Oil canning will not be considered a reason for rejection.

**Gauge:** 24, 26, 28

**Weight:**

24 Ga. - 1lb/SQFT

26 Ga. - .75lb/SQFT

28 Ga. - .66lb/SQFT

**Paint System:** Kynar 500 / Hylar 5000, Stormshield xt-40

**Warranty:** 35 Years on ULTRA-CLAD,

**Available Material Types:**

24 Ga. - Painted, Galvalume,

Bonderized, 2-Tone, Vintage

26 Ga. - Painted, Galvalume

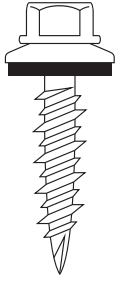
28 Ga. - Painted, Galvalume/  
Zincalume, 16 & 20 oz. Copper

**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: A792, A653, A924 Grade D (50,000 min. yield) unless otherwise designated at time of order.

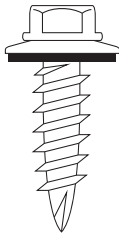
# FASTENER SELECTION GUIDE

## WOODFAST



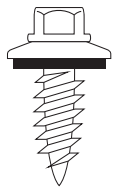
- No. 10 x 15, Type 17
- Available sizes: 1", 1 1/2", 2", 2 1/2", 3"
- 1/4" Hex Head
- Use: Panel to dimensional lumber and trim attachment.

## WAFER WOOD



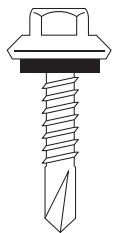
- No. 14 x 10, Type 17
- Available sizes: 1", 1 1/2", 2"
- 5/16" Hex Head
- Use: Panel to plywood substrate and trim attachment.

## STITCH SCREW



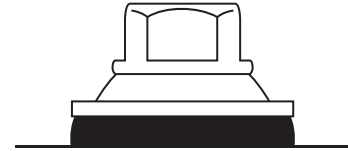
- No. 12 x 14
  - Available size: 3/4"
  - 1/4" Hex Head
  - Use: Trim attachment and stitching lap seams together (28 gauge).
- \*Compatible with No. 10 & No 14 Wood Screw*

## TEK SCREW

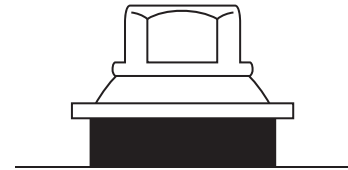


- No. 12 x 14
- Available sizes: 1", 1 1/2", 2"
- 5/16" Hex Head
- Use : Panel to Purlin (up to 3/16" steel).

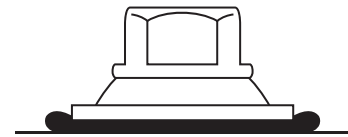
## PROPER INSTALLATION OF GASKETED FASTENERS



**CORRECTLY DRIVEN**



**UNDER DRIVEN**

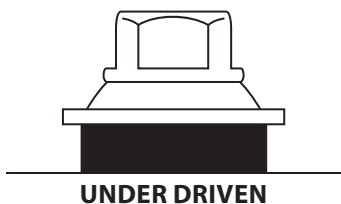


**OVER DRIVEN**

- This table shows the fasteners available for EPIC Steel. Refer to the panel installation and flashing details of this manual for specific screw usage and spacing.
- Panel attachment screws must be long enough to fully penetrate through the wood roof decking, or penetrate solid lumber at least one inch.
- All screws must be coated to provide protection against corrosion.
- Exposed fasteners must have sealing washers and should be the same color as the parts they attach.
- Screws must be properly driven to ensure proper seal and holding strength. Do not underdrive or overdrive the screws.
- Stainless steel rivets are not watertight.

# FASTENER SELECTION GUIDE

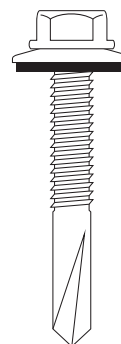
## PROPER INSTALLATION OF GASKETED FASTENERS



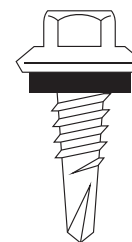
- This table shows the fasteners required for EPIC Steel. Refer to the panel installation and flashing details of this manual for specific screw usage and spacing.
- Panel attachment screws must be long enough to fully penetrate through the wood roof decking, or penetrate solid lumber at least one inch.
- All screws must be coated to provide protection against corrosion.
- Exposed fasteners must have sealing washers and should be the same color as the parts they attach.
- Screws must be properly driven to ensure proper seal and holding strength. Do not underdrive or overdrive the screws.
- Stainless steel rivits are not watertight.

- No. 14 x 24
  - Available size: 1 ¼"
  - ⅝" Hex Head
  - Use: Panel to purlin (Heavy Gauge Steel ⅜" and greater).
- \*Only Available in white and galvanized, remaining colors available by special request.*

### TEK 5

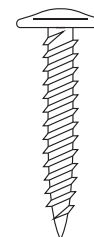


### LAP TEK



- No. 14 x 7/8"
  - Available size: 7/8"
  - ⅝" Hex Head
  - Use: Trim attachment and stitching lap Seams together (26 gauge and heavier).
- \*Compatible with No. 12 Tek Screw*

### PANHEAD



- 10 x 12
- Available sizes: 1 ⅛", 1 ⅝", (2" available by special order.)
- Phillips Head
- Use: To fasten standing seam panels and trim to wood deck (unexposed).

### STAINLESS STEEL RIVIT POP RIVIT



- Available sizes: ⅛" x ⅜"
- Use: Trim attachment

# ACCESSORIES

## PROFILED FOAM CLOSURES:

- 3' Tuf Rib <https://marcoindustries.com/products/closure/closure-foam>
- 3' PBR
- 7/8" Corrugated
- 7.2" Box Rib

## VENTING RIDGE FOAM:

- Flex-O-Vent <https://marcoindustries.com/products/ventilation/flex-o-vent>
- Ridge Vent LP2 <https://marcoindustries.com/products/ventilation/lp2-ridge-vent>

## UNIVERSAL FOAM:

- 1" x 1" x 25' & 1.5" x 1.5" x 25' [Call EPIC Steel for a MSDS sheet](#)

## VALLEY FOAM SEALANT:

- Emseal <http://www.emseal.com/products/specialty/metalbuilding/10-25-2002ASTMetalProductData.pdf>

## FASTENERS:

- #10 Wood Grip Fasteners (1", 1.5", 2", 2.5", 3") <https://www.atlasfasteners.com/product/10-woodtite/>
- #14 Wood Grip Wafer Screw (1", 1.5", 2") <https://www.atlasfasteners.com/product/14-woodtite/>
- #12 Stich Screws (3/4") <https://www.atlasfasteners.com/product/12-woodfast-x-3-4/>
- #12 Lo-Pro Screws (1", 1.5", 2.5") <https://www.atlasfasteners.com/product/low-pro%20b2-wood/>
- #12 Tek Screws (1", 1.5", 2") <https://www.atlasfasteners.com/product/ultimate-metal/>

## STANDING SEAM PANHEAD FASTENERS:

- #10 Panhead Screws <https://www.atlasfasteners.com/product/10-12-low-profile-panel-clip-x-1/>  
*Available in Stainless Steel for Copper Roofing.*

## TUBE SEALANT:

- Geocel (Translucent) <https://www.geocelusa.com/product/2300-construction-tripolymer-sealant/>
- Durasil (Translucent) [http://chemlinkinc.com/docs/datasheets/chemlink\\_durasil.pdf](http://chemlinkinc.com/docs/datasheets/chemlink_durasil.pdf)
- Duralink (White, Med Bronze, Grey, Tan, Forest Green, Terra Cotta) [http://chemlinkinc.com/docs/datasheets/chemlink\\_duralink.pdf](http://chemlinkinc.com/docs/datasheets/chemlink_duralink.pdf)

## ROLLED SEALANT:

- 3/8" Mastix Tape <https://marcoindustries.com/products/sealants/mastix-butyl-tape>
- 3/4" Mastix Tape

## UNDERLAYMENT:

- Titanium UDL 30 [http://interwrap.com/titanium/udl\\_30\\_main.html](http://interwrap.com/titanium/udl_30_main.html)
- Titanium PSU 30 [http://interwrap.com/titanium/psu\\_30\\_main.html](http://interwrap.com/titanium/psu_30_main.html)

## POLYCARBONATE SKYLITE AND SIDELIGHT PANELS:

- 3' Tuf-Tex Skylight Panels 8', 10', 12' <https://www.mwicomponents.com/polycarbonate-skylight>





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[EPICsteelcorp.com](http://EPICsteelcorp.com)