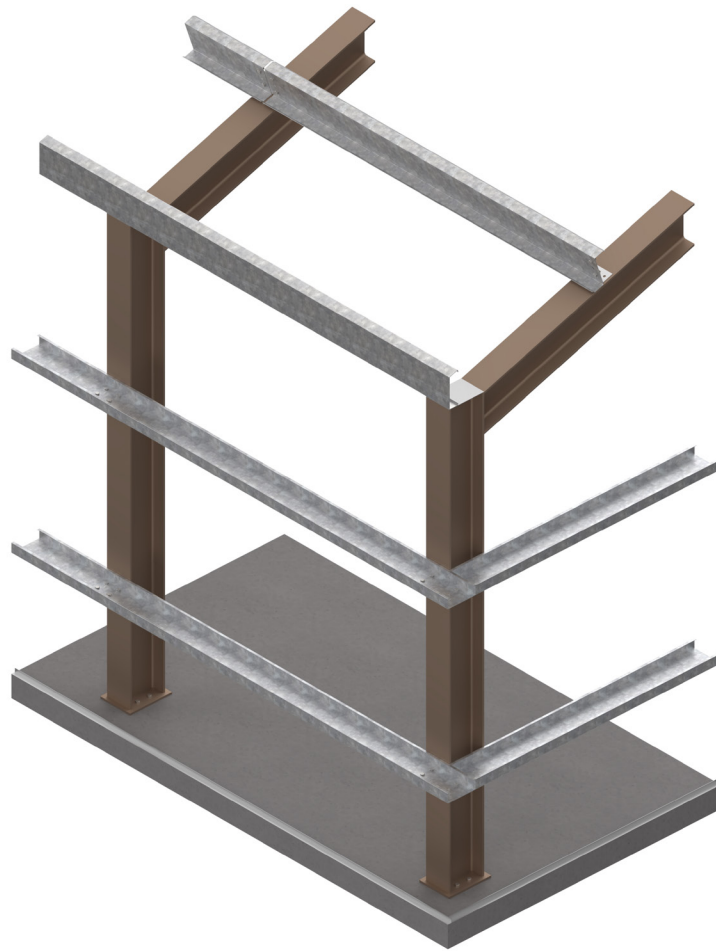


Structural Components

CEES & ZEES
REFERENCES GUIDE



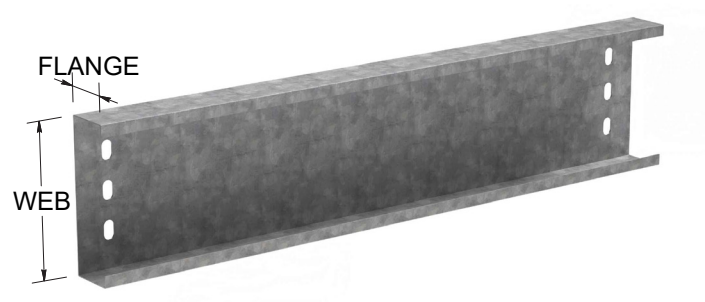
RIVERSIDE CA | SACRAMENTO CA | SALEM OR | AUBURN WA | SPOKANE WA

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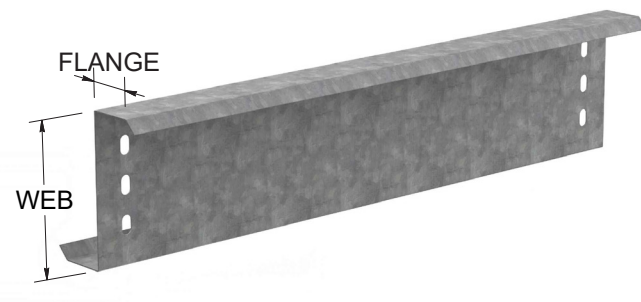
3	Standard Cee & Zee
4-5	Standard Punching & Hole Pattern
6	Eave Struts
7	Clips & Accessories
8-10	Standard Lap Conditions
11	Common PEMB Panels
12	Terms & Conditions

Standard Cee & Zee Galvanized G-90

Standard Cee

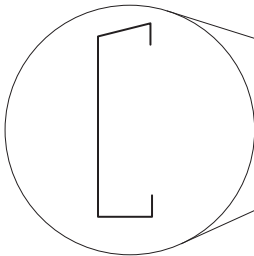


Standard Zee

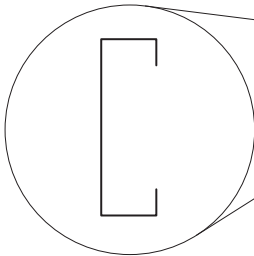


WEB	FLANGE	Gauge	Weight Per LF (LBS)	CEE Part Number	ZEE Part Number
4"	2.5"	16	2.42	PBC4x2.5-16	PBZ4x2.5-16
		14	2.84	PBC4x2.5-14	PBZ4x2.5-14
6"	2.5"	16	2.42	PBC6x2.5-16	PBZ6x2.5-16
		14	2.84	PBC6x2.5-14	PBZ6x2.5-14
8"	2.5"	16	2.82	PBC8x2.5-16	PBZ8x2.5-16
		14	3.41	PBC8x2.5-14	PBZ8x2.5-14
		12	4.92	PBC8x2.5-12	PBZ8x2.5-12
8"	3"	16	2.85	PBC8x3-16	PBZ8x3-16
		14	3.56	PBC8x3-14	PBZ8x3-14
		12	5.00	PBC8x3-12	PBZ8x3-12
10"	2.5"	14	3.90	PBC10x2.5-14	PBZ10x2.5-14
		12	5.62	PBC10x2.5-12	PBZ10x2.5-12

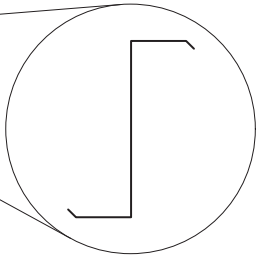
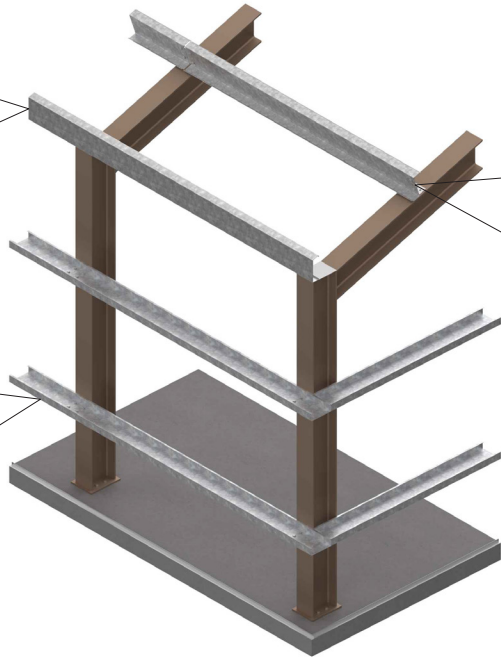
**Please inquire for other gauges*



Eave Strut
(Eave Single Low shown)



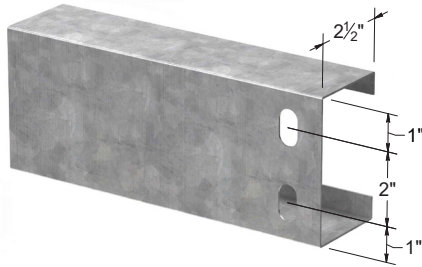
Standard Cee (Girt)



Standard Zee (Purlin)

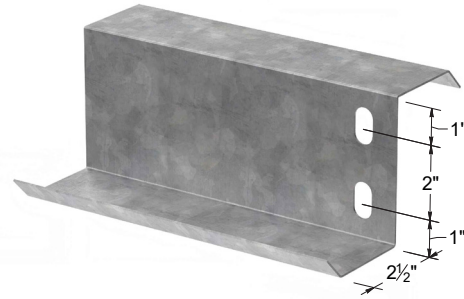
Standard Punching and Hole Pattern

4" x 2.5" Cee



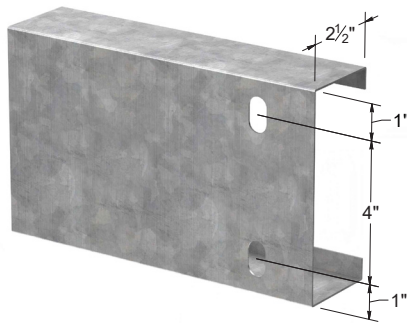
Gauge	Weight (LBS/FT)	Part Number
16	2.42	PBC4x2.5-16
14	2.84	PBC4x2.5-14

4" x 2.5" Zee



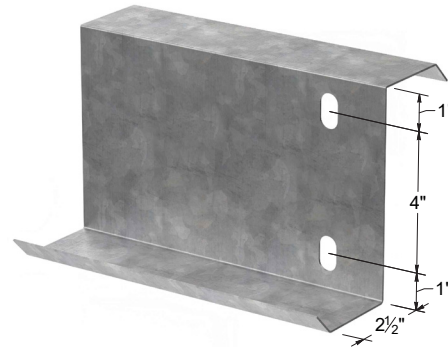
Gauge	Weight (LBS/FT)	Part Number
16	2.42	PBZ4x2.5-16
14	2.84	PBZ4x2.5-14

6" x 2.5" Cee



Gauge	Weight (LBS/FT)	Part Number
16	2.42	PBC6x2.5-16
14	2.84	PBC6x2.5-14

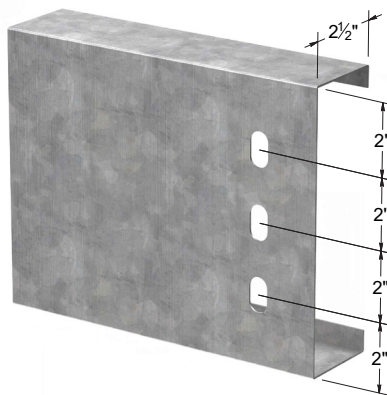
6" x 2.5" Zee



Gauge	Weight (LBS/FT)	Part Number
16	2.42	PBZ6x2.5-16
14	2.84	PBZ6x2.5-14

8" x 2.5" Cee

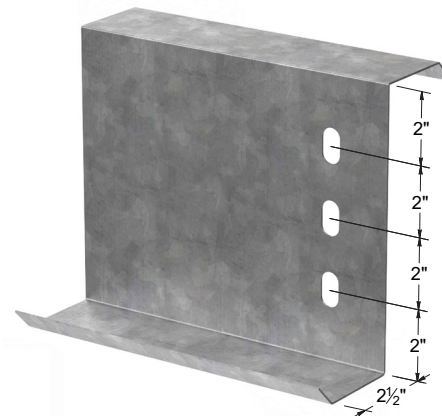
2 Holes available without center hole



Gauge	Weight (LBS/FT)	Part Number
16	2.82	PBC8x2.5-16
14	3.41	PBC8x2.5-14
12	4.92	PBC8x2.5-12

8" x 2.5" Zee

2 Holes available without center hole



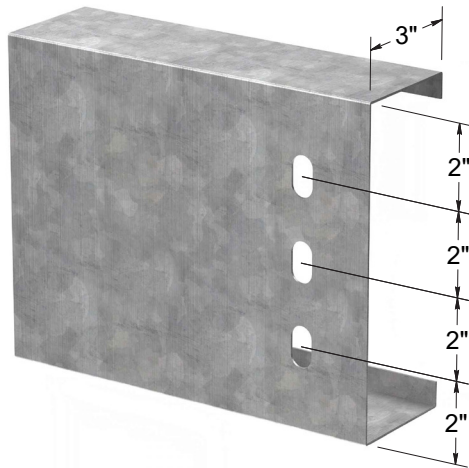
Gauge	Weight (LBS/FT)	Part Number
16	2.82	PBZ8x2.5-16
14	3.41	PBZ8x2.5-14
12	4.92	PBZ8x2.5-12

**Please inquire for custom punching*

Standard Punching and Hole Pattern

8" x 3" Cee

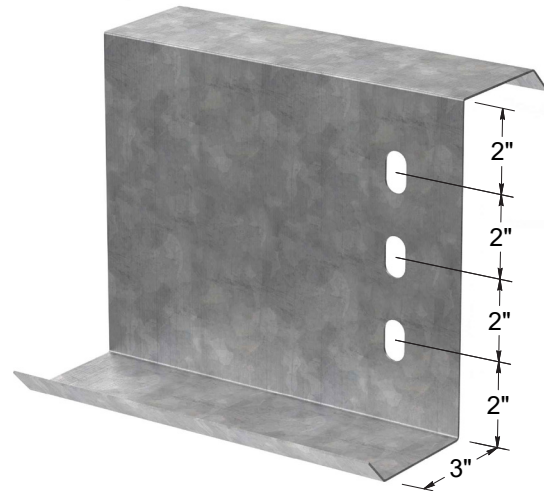
2 Holes available without center hole



Gauge	Weight (LBS/FT)	Part Number
16	2.85	PBC8x3-16
14	3.56	PBC8x3-14
12	5.00	PBC8x3-12

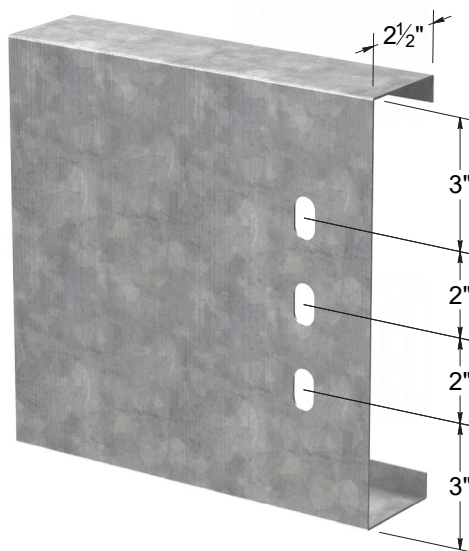
8" x 3" Zee

2 Holes available without center hole



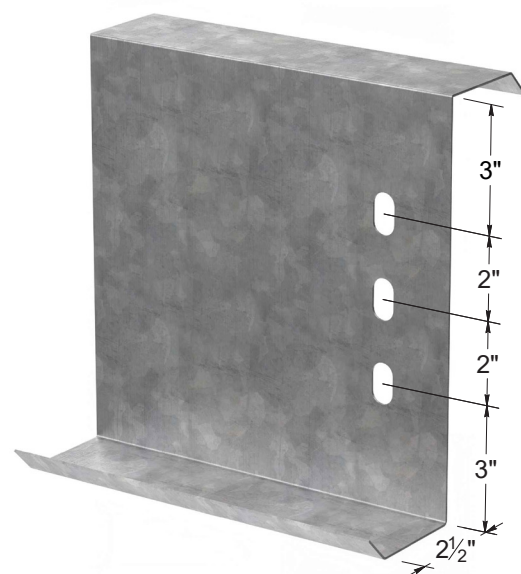
Gauge	Weight (LBS/FT)	Part Number
16	2.85	PBZ8x3-16
14	3.56	PBZ8x3-14
12	5.00	PBZ8x3-12

10" x 2.5" Cee



Gauge	Weight (LBS/FT)	Part Number
14	4.06	PBC10x2.5-14
12	5.63	PBC10x2.5-12

10" x 2.5" Zee

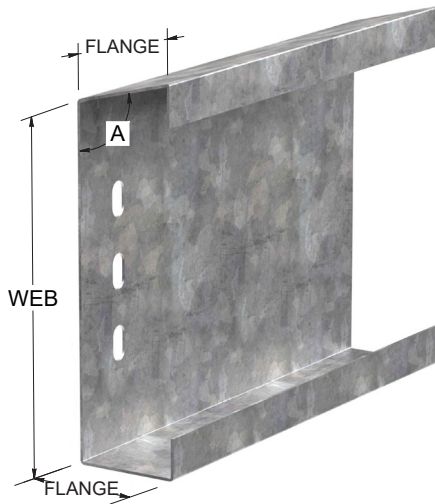


Gauge	Weight (LBS/FT)	Part Number
14	4.06	PBZ10x2.5-14
12	5.63	PBZ10x2.5-12

**Please inquire for custom punching*

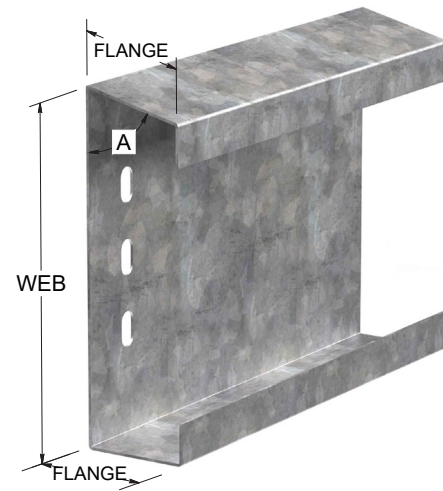
Eave Struts

Eave Single Low (ESL)



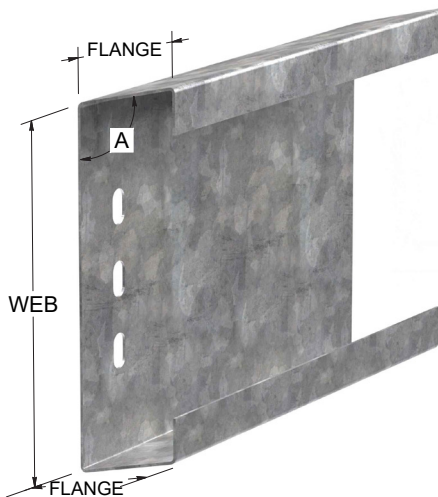
WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBESL6x2.5-16
		14	2.84	PBESL6x2.5-14
8"	3"	16	2.85	PBESL8x3-16
		14	3.56	PBESL8x3-14
		12	5.00	PBESL8x3-12
10"	2.5"	14	3.90	PBESL10x2.5-14
		12	5.36	PBESL10x2.5-12

Eave Single High (ESH)



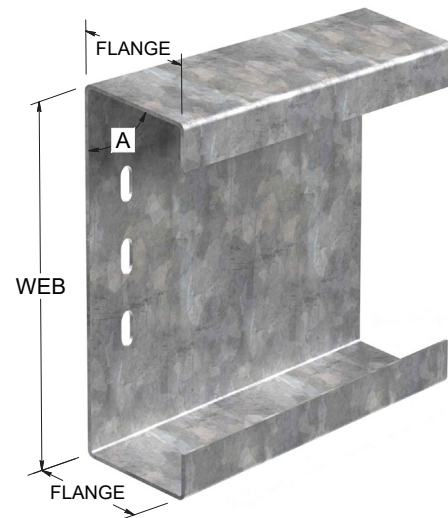
WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBESH6x2.5-16
		14	2.84	PBESH6x2.5-14
8"	3"	16	2.85	PBESH8x3-16
		14	3.56	PBESH8x3-14
		12	5.00	PBESH8x3-12
10"	2.5"	14	3.90	PBESH10x2.5-14
		12	5.36	PBESH10x2.5-12

Eave Double Low (EDL)



WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBEDL6x2.5-16
		14	2.84	PBEDL6x2.5-14
8"	3"	16	2.85	PBEDL8x3-16
		14	3.56	PBEDL8x3-14
		12	5.00	PBEDL8x3-12
10"	2.5"	14	3.90	PBEDL10x2.5-14
		12	5.36	PBEDL10x2.5-12

Eave Double High (EDH)

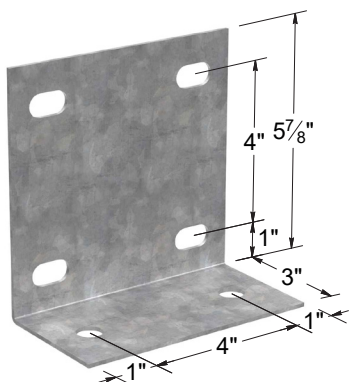


WEB	FLANGE	Gauge	Weight Per LF (LBS)	Part Number
6"	2.5"	16	2.42	PBEDH6x2.5-16
		14	2.84	PBEDH6x2.5-14
8"	3"	16	2.85	PBEDH8x3-16
		14	3.56	PBEDH8x3-14
		12	5.00	PBEDH8x3-12
10"	2.5"	14	3.90	PBEDH10x2.5-14
		12	5.36	PBEDH10x2.5-12

**Inquire for custom sizes and angles*

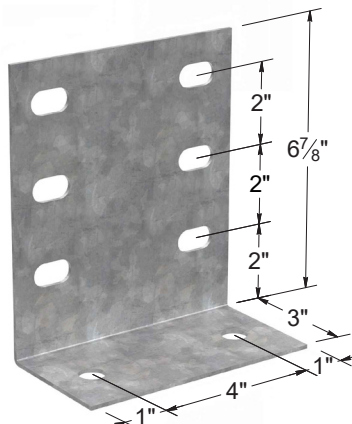
Clips & Accessories

6" x 3" Purlin Clip



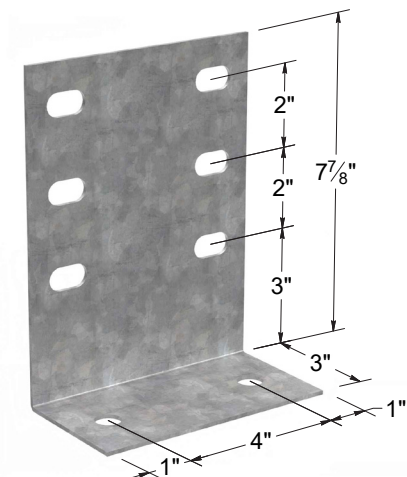
Gauge	Weight (LBS/FT)	Part Number
12	1.48	APC6x3-12

8" x 3" Purlin Clip



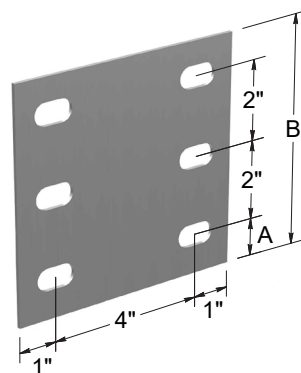
Gauge	Weight (LBS/FT)	Part Number
12	1.65	APC8x3-12

10" x 2.5" Purlin Clip



Gauge	Weight (LBS/FT)	Part Number
12	1.65	APC10x2.5-12

Welded Purlin Clip



Gauge	A Dimension	B Dimension	Weight (LBS/FT)	Part Number
12	1"	5 7/8"	0.98	APCW6x3-12
12	2"	6 7/8"	1.15	APCW8x3-12
12	3"	7 7/8"	1.31	APCW10x3-12

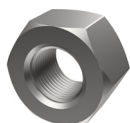
Bolt and Nut and Washer

- sold by the box
- A 325 1/2" x 1-1/4"

A325 1/2" x 1-1/4" Bolt



A325 1/2" Nut



1-1/2" Fender Washer

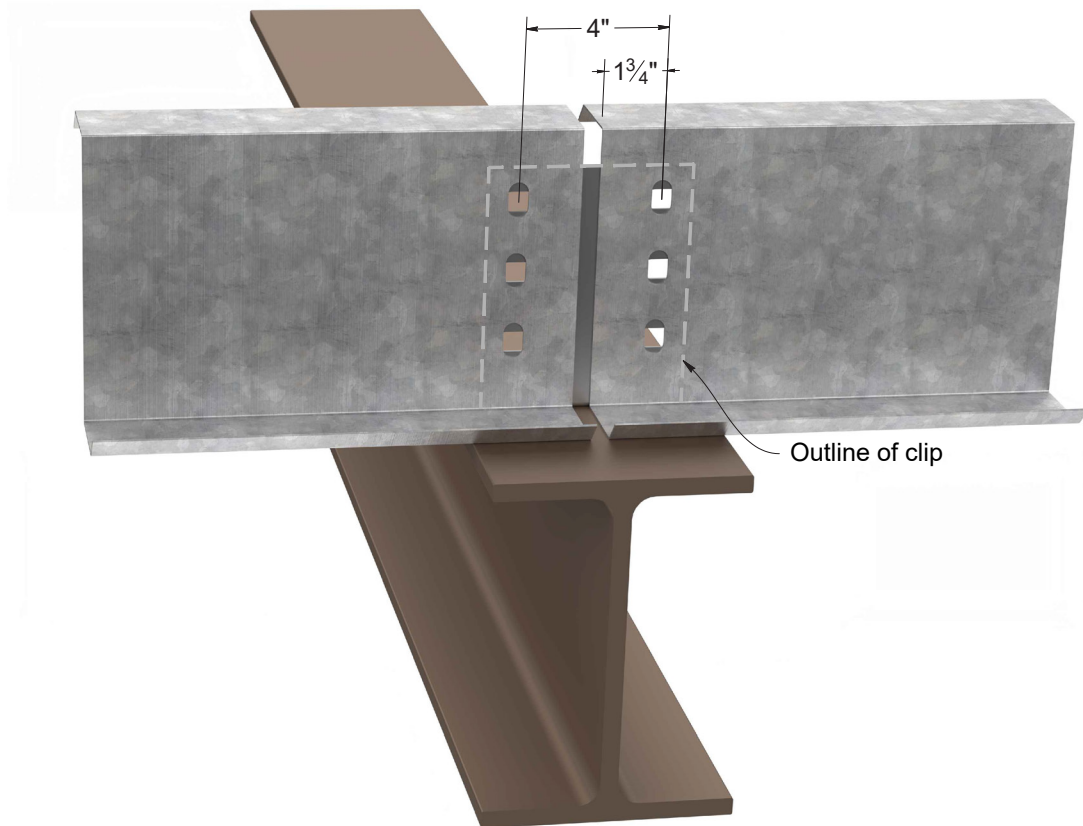


Note: Additional sizes available. Bolts, nuts, and washers sold separately.

Standard Lap Conditions

Simple Span

Front View



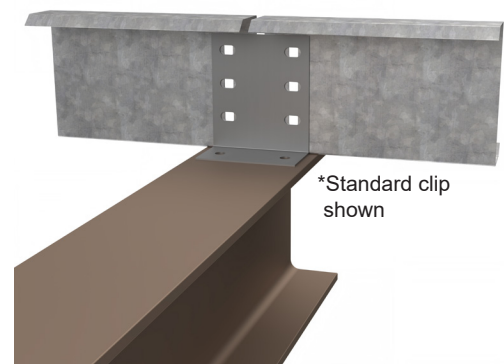
Note:

- Circular holes measure: 1/2", 5/8" or 11/16"
- Oval-shaped holes measure: 9/16" x 1" or 3/4" x 1"

Order Information:

1. To determine actual order length, subtract 1/2" from bay spacing.
2. To determine end bay actual order length, subtract 1/2" from bay spacing.

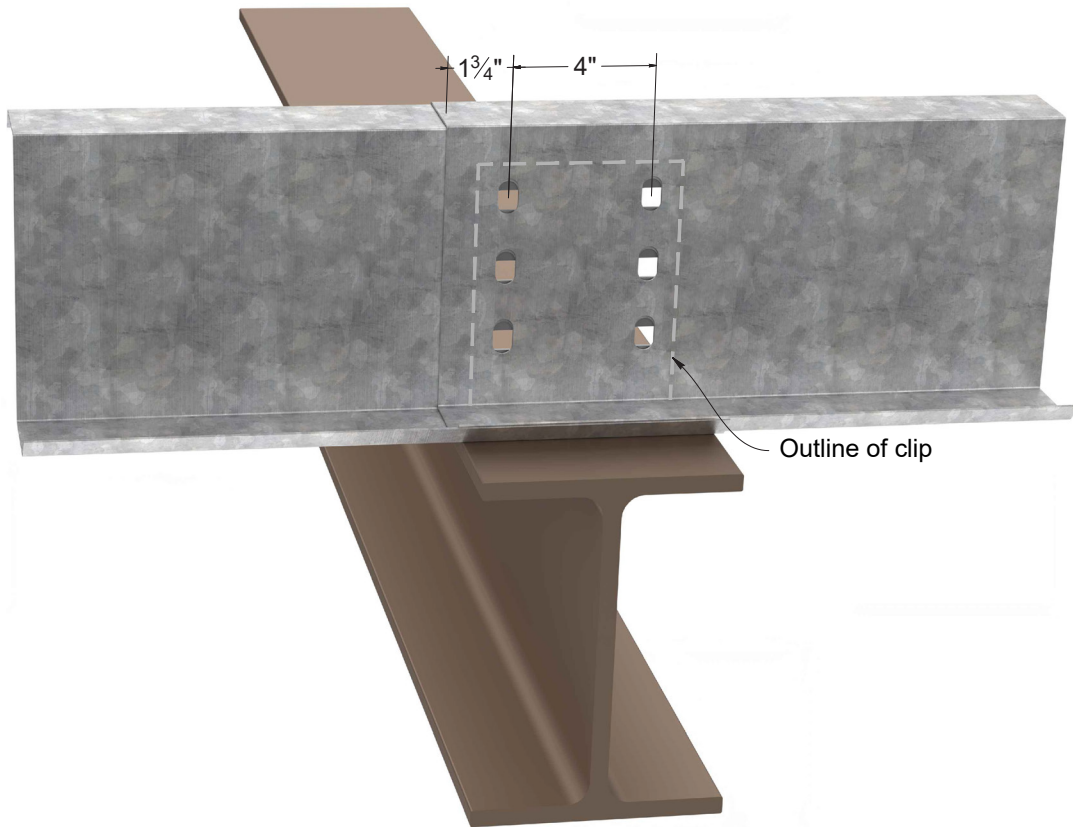
Back View



Standard Lap Conditions

Short Lap “Type SL”

Front View



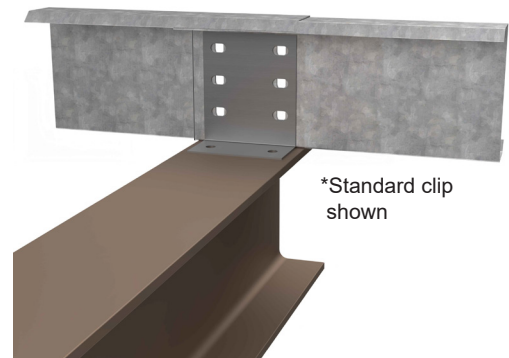
Note:

- Circular holes measure: 1/2", 5/8" or 11/16"
- Oval-shaped holes measure: 9/16" x 1" or 3/4" x 1"

Order Information:

1. To determine actual order length, add 7-1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 3-3/4" to bay spacing.

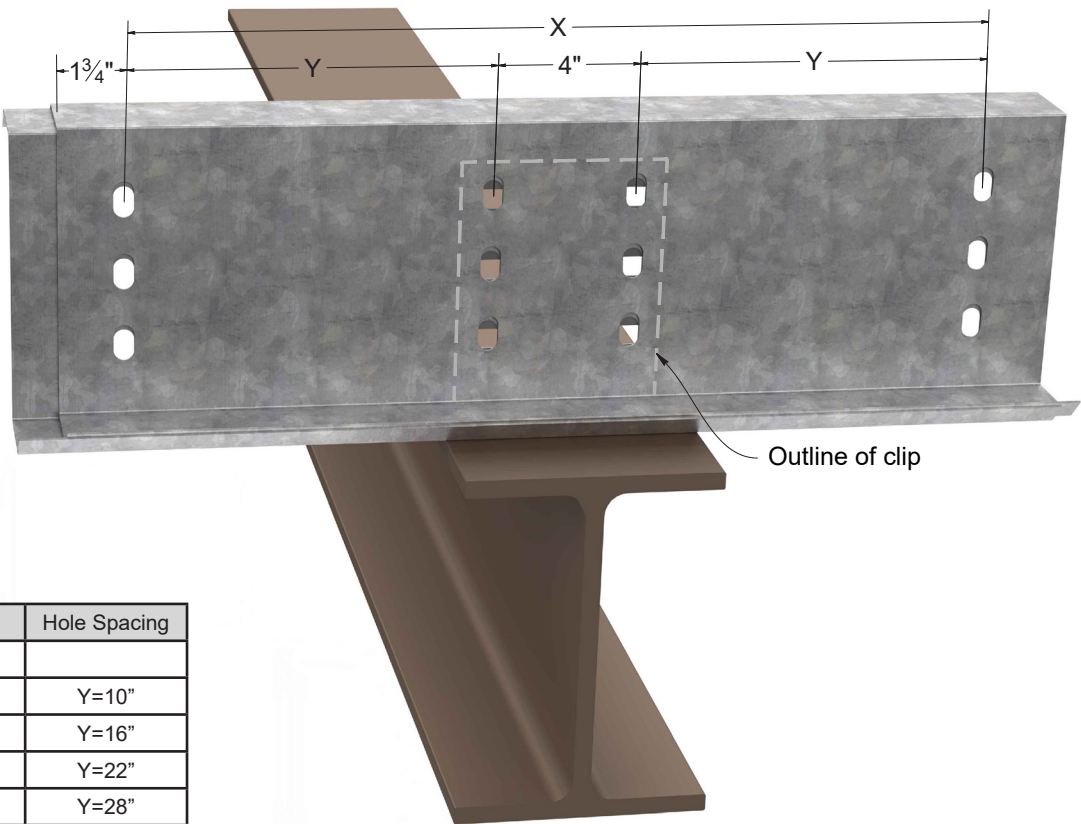
Back View



Standard Lap Conditions

Long Lap “Type LL”

Front View



Lap Length	Hole Spacing
X=12"	
X=24"	Y=10"
X=36"	Y=16"
X=48"	Y=22"
X=60"	Y=28"

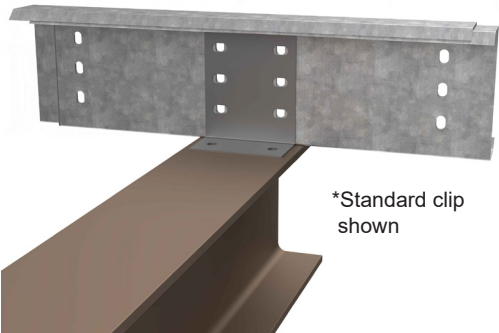
Note:

- Circular holes measure: 1/2", 5/8" or 11/16"
- Oval-shaped holes measure: 9/16" x 1" or 3/4" x 1"

Order Information:

1. To determine actual order length, add 2' 3-1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 1' 1-3/4" to bay spacing.

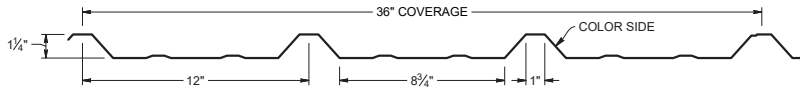
Back View



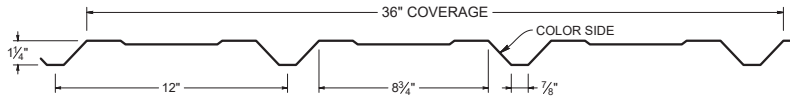
Common PEMB Panels

PEMB Panels - available in 26ga ArmorTech™ & 24ga Kynar 500® PVDF Resin

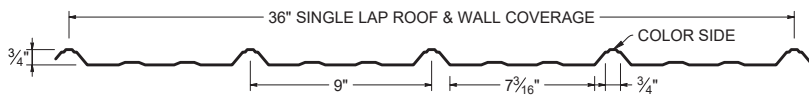
PBR



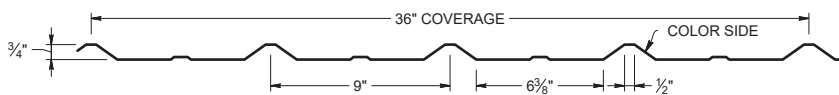
Marion "R" Panel™



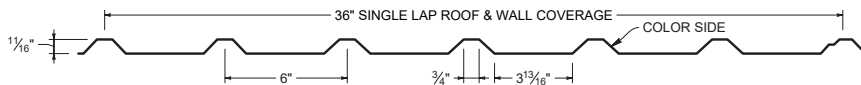
Tuff Rib



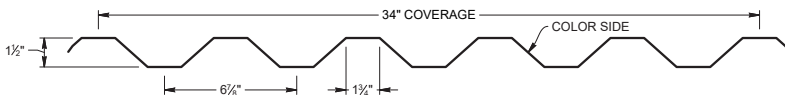
T-3™



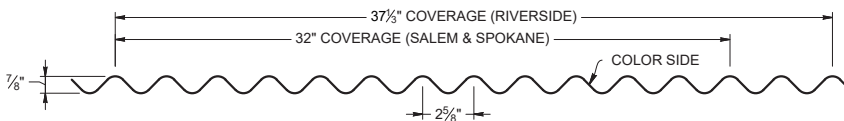
GR-7™



HR-34™



Classic 7/8" Corrugated™



#12 Tek Self Driller with Neoprene Washer



#12 Tek Screw Hex Head



#14 x 7/8" Lap Tek Stitch

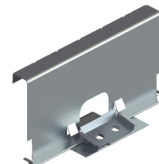


24GA MS-200™ - only available in Kynar 500® PVDF Resin

MS-200™



Standoff Clip



#10 x 1" Pancake Quadrex Head Tek Self-Driller



PVDF is a fluoropolymer that is manufactured under the trademarked names Kynar 500® and Duranar (PPG). Paint finishes containing a minimum 70% PVDF resin meet the high-performance weathering criteria established by the American Architectural Manufacturing Association and are allowed to carry the Kynar500® trademarked name. Zincolume® & Zincolume® Plus are registered trademarks of Bluescope Ltd. Galvalume® is a registered trademark of BIEC International, Inc. Vintage® is a registered trademark of Steelscape, Inc. Kynar® and Kynar 500® is a registered trademarks of Arkema, Inc.



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