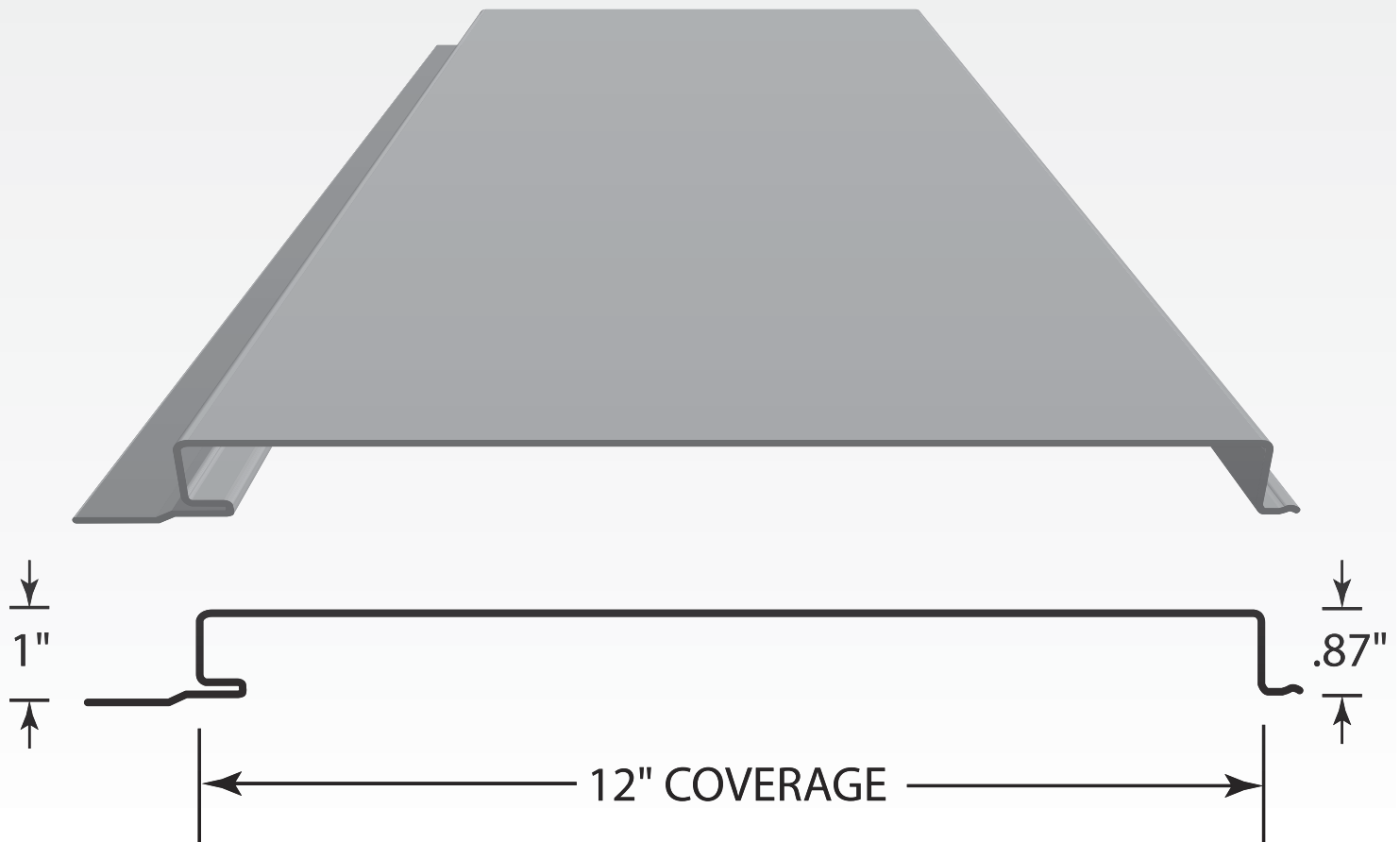


Precision-Loc™

Product Guide

HELPFUL INFORMATION ON PANELS, TRIMS, GUTTERS AND ACCESSORIES



The men and women at Central States Manufacturing, Inc. would like to welcome you.

Central States Manufacturing, Inc. is a **100% employee-owned** company devoted to the **personal growth and well-being** of our owners. We are dedicated to **increasing the value of our company** by **making Raving Fans** of our customers through **exceeding their expectations**, being **easy to do business with**, demonstrating **excellence** in all aspects of our business and being committed to **improving their business**.

It is our promise to maintain **honesty and integrity** with everyone our lives may touch. With thanksgiving for the blessings we have been given, we are committed to **servicing the communities** where we live and work by giving back a portion of our time, talents and profits.



Right.
On Time.
Every Time.®

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*Information in the catalog may vary by plant location.
Please call your salesperson to verify product availability.*

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Notice: The application and detail drawings in this manual are strictly for illustration purposes and may not be applicable to all building designs or product installations. Projects should conform to local building codes. Central States Manufacturing is not responsible for the performance of the material if it is not installed correctly.

Information contained in this booklet was in effect at the time of publication and is subject to change without notice.

PANEL CODES

Use the panel and color codes below to create the code you need. For example: Precision-Loc® vented, no ribs in Autumn would be PL12AUFV.

PANEL PROFILE	TYPE	CODE
Precision-Loc®	Flat, no ribs	PL12(color)
Precision-Loc®	Flat, 1 rib	PL12(color)1
Precision-Loc®	Vented, no ribs	PL12(color)FV
Precision-Loc®	Vented, 1 rib	PL12(color)V

COLOR CODES

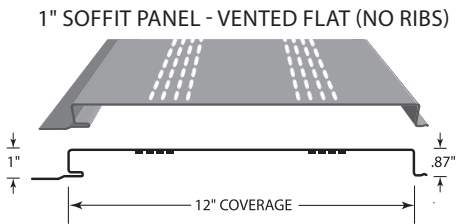
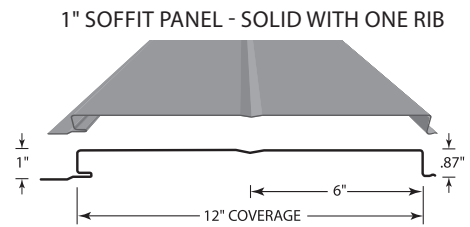
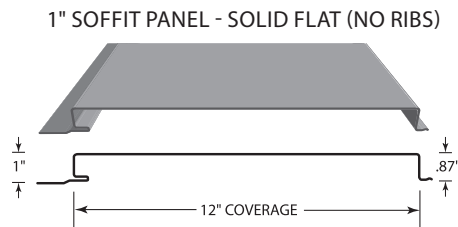
FLUROPON®	CODE
Ash	AS
Autumn	AU
Beige	BE
Brite	BT
Bronze	BZ
Dark Bronze	DB
Evergreen	EV
Galvalume®	GL
Roman	RB
Sand	SA
Slate Gray	SG
Smoke	SM
Terratone	TE
Tudor	TU
Verdigris	VE

Galvalume® is a registered trademark of BIEC International, Inc.

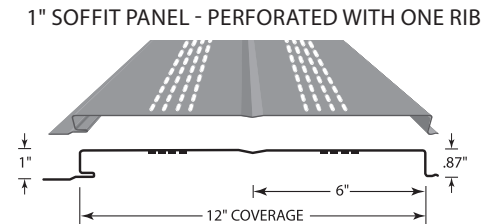
PRECISION-LOC

Precision-Loc® is a simple but versatile concealed fastener soffit and wall panel with clean lines that complement a building's roof and walls. The 12" width offers flexibility in design, and is available in a smooth, flat appearing finish or with one stiffening groove.

- 24 ga. AZ50 painted or AZ55 bare Galvalume®
- Excellent 1" deep soffit panel.
- 12" wide panel with interlocking seam.
- Fastens directly to the sub-structure



Due to the penetration of the steel's protective coating, the vented profile is subject to rust.

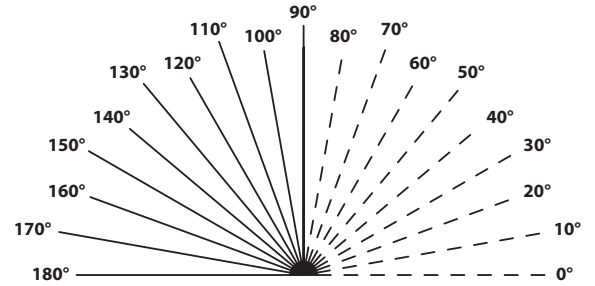


Due to the penetration of the steel's protective coating, the vented profile is subject to rust.

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CONVERTING PITCH TO DEGREES

Use these charts to calculate degrees when designing custom trim.
Please specify pitch when ordering.



SINGLE SLOPE PITCHES

Fascia, Eave, Endwall, Tie-In, Gutter

DOUBLE SLOPE PITCHES

Hip, Valley

RIDGE CAP

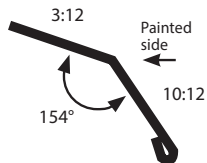
1:12 PITCH	2:12 PITCH	3:12 PITCH	4:12 PITCH	5:12 PITCH	6:12 PITCH	7:12 PITCH	8:12 PITCH	9:12 PITCH	10:12 PITCH	11:12 PITCH	12:12 PITCH
94°	99°	104°	108°	112°	116°	120°	123°	126°	129°	132°	135°
173°	167°	160°	154°	148°	143°	138°	134°	130°	126°	123°	120°
170°	161°	152°	143°	135°	127°	120°	113°	106°	100°	95°	90°

TRANSITION TRIM

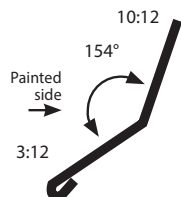
Find the box that intersects your lower and upper roof pitches.

If the intersection lands in the gray area, select an Lower Transition trim.

Upper Transition Trim



Lower Transition Trim



LOWER ROOF PITCH (INCHES OF RISE OVER 12" OF RUN)

	1:12 PITCH	2:12 PITCH	3:12 PITCH	4:12 PITCH	5:12 PITCH	6:12 PITCH	7:12 PITCH	8:12 PITCH	9:12 PITCH	10:12 PITCH	11:12 PITCH	12:12 PITCH	13:12 PITCH	14:12 PITCH	15:12 PITCH	16:12 PITCH	17:12 PITCH	18:12 PITCH
1:12 PITCH		175°	171°	166°	162°	158°	155°	151°	148°	145°	142°	140°	137°	135°	133°	132°	130°	128°
2:12 PITCH	175°		175°	171°	167°	163°	159°	156°	153°	150°	147°	144°	142°	140°	138°	136°	135°	133°
3:12 PITCH	171°	175°		176°	171°	167°	164°	160°	157°	154°	152°	149°	147°	145°	143°	141°	139°	138°
4:12 PITCH	166°	171°	176°		176°	172°	168°	165°	162°	159°	156°	153°	151°	149°	147°	145°	144°	142°
5:12 PITCH	162°	167°	171°	176°		176°	172°	169°	166°	163°	160°	158°	155°	153°	151°	149°	148°	146°
6:12 PITCH	158°	163°	167°	172°	176°		176°	173°	170°	167°	164°	162°	159°	157°	155°	153°	152°	150°
7:12 PITCH	155°	159°	164°	168°	172°	176°		177°	173°	170°	168°	165°	163°	161°	159°	157°	155°	154°
8:12 PITCH	151°	156°	160°	165°	169°	173°	177°		177°	174°	171°	169°	166°	164°	162°	161°	159°	157°
9:12 PITCH	148°	153°	157°	162°	166°	170°	173°	177°		177°	174°	172°	170°	167°	166°	164°	162°	161°
10:12 PITCH	145°	150°	154°	159°	163°	167°	170°	174°	177°		177°	175°	173°	170°	168°	167°	165°	163°
11:12 PITCH	142°	147°	152°	156°	160°	164°	168°	171°	174°	177°		178°	175°	173°	171°	169°	168°	166°
12:12 PITCH	140°	144°	149°	153°	158°	162°	165°	169°	172°	175°	178°		178°	176°	174°	172°	170°	169°

CARE AND HANDLING

STORAGE

Galvalume steel sheets have a good service life when exposed to normal weather conditions. However, to protect the appearance of panels and trims from damage, there are a few simple precautions that can be taken. The steel sheets are subject to stain when water sits upon, or becomes trapped between, the sheets. If the galvalume sheets are to be stored for any period of time, they should be stored only in a dry place, preferably under a roof. Stand panels on end and fan them out at the bottom to provide air circulation and moisture run off. If space does not allow this, the panels should be separated, blocked off of the floor at least 12 inches to allow air flow, and stored at an incline to encourage drainage. The panels should then be covered, yet still have good air flow through the sheets to prevent condensation. Do not use a plastic cover, as this may cause the panels to sweat or condensation to occur.

Failure to follow these steps may result in wet storage stains and premature rusting. The manufacturer's warranty will be void at this time, and the manufacturer will not be responsible.

HANDLING

When unloading panels, extreme caution must be employed. Care needs to be used when unloading panels with a forklift. Panel edges and underside paint may become damaged if the forklift driver does not use caution. Once at the job site, care must be taken in order to protect the painted surface.

When unbundling the panels, never drag them across the surface of one another. This may cause scratches across the underneath panels. It is recommended that the panels be "rolled" off the top of the bundle to prevent scratching. Never lift panels by the ends, instead lift the panels longitudinally and carry vertically.

Panel edges are very sharp, therefore, safety equipment should be worn by all workers handling the material.

CUTTING

A portable field shear is the ideal method for cutting panels. Nibblers or a power shear may also be used. Although we do not recommend it, if you decide to cut with a saw, it is very important that the panels be turned upside down during cutting so that hot shavings do not come in contact with the painted surface. Make sure all adjacent panels are covered so that shavings are not imbedded in these panels. If metal shavings become imbedded in the paint surface, they will quickly rust. To avoid this, panels should be thoroughly wiped of all filings on both sides of the panel. Failure to comply with the recommended cutting procedures releases the manufacturer of any responsibility.

DRILLING

Panels should not be drilled while stacked. This will cause shavings that will become imbedded in the paint surface.

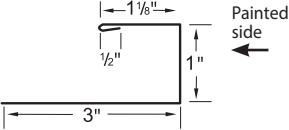


Shavings created by saw cutting or drilling may cause the panel to rust and will void warranties in affected areas.

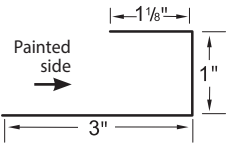
PRECISION-LOC TRIMS

Cutoff times can vary by product type and length. Please contact your salesperson for questions concerning cutoffs. All angles are 90° or 45° unless otherwise noted. All trims are 24 gauge, 50ksi, Fluorpon® painted Galvalume® or Galvalume® unless otherwise specified. See page 5 for color codes.

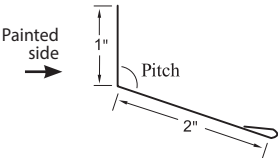
	PART #	LENGTH	GIRTH	NOTES
J-TRIM	HLJT24102(color)	10'2"	5.625"	



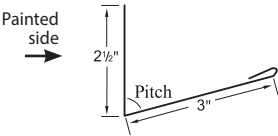
PANEL CAP	HLPC24102(color)	10'2"	5.125"	
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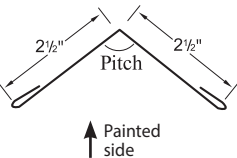
SOFFIT WIDE ANGLE	SWA24102(color)	10'2"	3.75"	specify pitch
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SOFFIT NARROW ANGLE	SNA24102(color)	10'2"	6"	specify pitch
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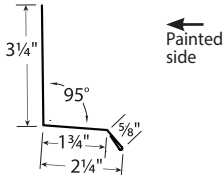
INSIDE RIDGE CAP	INRCP24102(color)	10'2"	6"	specify pitch
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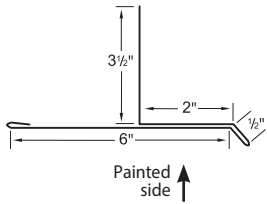
PRECISION-LOC TRIMS

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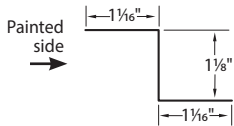
	PART #	LENGTH	GIRTH	NOTES
BASE TRIM	BA24102(color)	10'2"	6.125"	



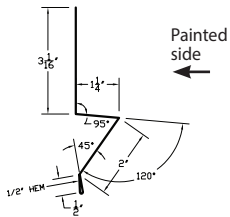
SOFFIT BASE TRIM	SBT24102(color)	10'2"	13"	specify pitch
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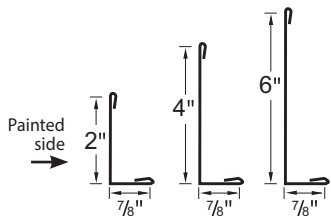
ZEE CLOSURE	HLZC24102(color)	10'2"	3.25"	butyl tape required.
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RAT GUARD	RG24102(color)	10'2"	7.3125"	specify pitch
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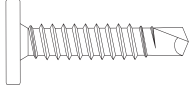


OUTSIDE ANGLE	OA27824102(color)	10'2"	3.875"
	OA47824102(color)	10'2"	5.875"
	OA67824102(color)	10'2"	7.875"

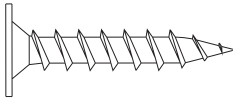


ACCESSORIES

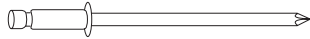
	PART #	COLOR	LENGTH	#PER BAG	#PER BOX
FASTENER #12 2/2 QUADRIX DRILLER	12FASTENER			250	5000



LOW PROFILE WAFFER HEAD SCREW	SSR1WOOD	Galvanized	1"	250	3000
				*order in increments of 250pc	



POP RIVETS - 1/8"	POP(color)	all			100
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	PART #	SIZE
TOUCH UP PAINT	PEN(color)	0.6oz paint pen



FLAT SHEET	FSK102(color)	10'2	48.5"	24 ga.
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