

Snap-Seam® and Snap-Seam® Batten

Featuring

Galvalume® For Twice the Life!

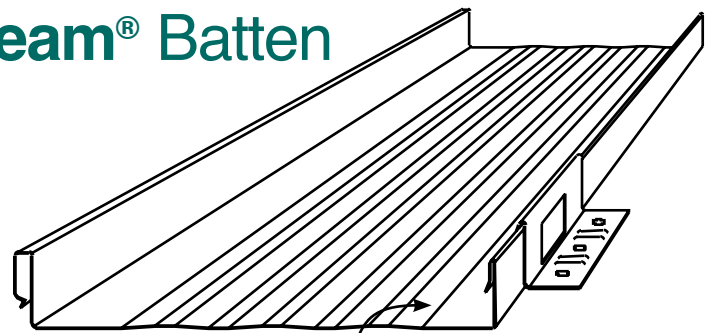
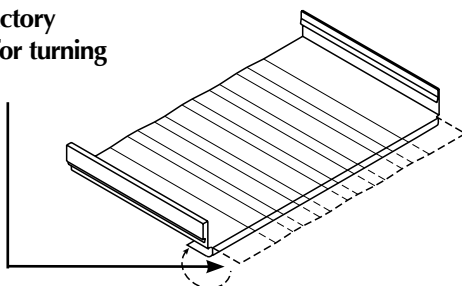
Galvalume combines the strength of steel with the corrosion resistance of aluminum for twice the life of most zinc coatings.

Snap-Seam® is a high performance structural standing seam metal roof system with net coverage of 10" up to 24". Snap-Seam is an excellent roof over metal or wood decking, and as a fascia or mansard over plywood or spaced supports.

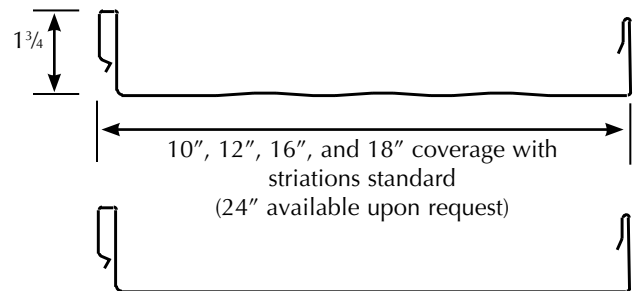
features | benefits

- Snap-together panel, no field seaming required.
- Can be installed on slopes as low as 3:12.
- Can be installed over solid substrates or supports spaced up to 4'-0".
- UL 2218 Class 4 hail resistance rated.
- Subtle striations* are standard and help reduce the appearance of oil-canning.
- Available in a wide variety of standard "cool" colors in the DuraTech®5000 coating system, metallic colors, ZACTique®II finish for a weathered look, 16 oz. and 20 oz. copper.
- Wind uplift tested in accordance with UL580 and ASTM E1592.
- UL 90 wind uplift rated assemblies available for 10", 12", 16", 17" and 18" wide panels.
- Air infiltration tested per ASTM E-1680 and water infiltration tested per ASTM E-1646.
- Factory applied butyl sealant in standing seam is standard.
- Factory swaging for end laps is available upon request.
- Offered with a 1" notch at one panel to speed installation. (See back for illustration).
- Factory-painted panels are AZ-50 aluminum-zinc coated (Galvalume®) per ASTM A792.
- Flashing details and CSI Guide specifications are available upon request.

Can be factory notched for turning under.



Subtle striations are standard



Flat pan option*

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Snap-Seam 12" Load/Span table

Gauge	Span	Condition	Allowable Distributed Load (psf) Span (ft-in)				
			2-0	3-0	4-0	5-0	6-0
24	SS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	DS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	TS	f	361	160	90	57	40
		L/180	361	160	88	45	26
22	SS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	DS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	TS	f	361	160	90	57	40
		L/180	361	160	88	45	26

Snap-Seam 16" Load/Span table

Gauge	Span	Condition	Allowable Distributed Load (psf) Span (ft-in)				
			2-0	3-0	4-0	5-0	6-0
24	SS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	DS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	TS	f	361	160	90	57	40
		L/180	361	160	88	45	26
22	SS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	DS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	TS	f	361	160	90	57	40
		L/180	361	160	88	45	26

Snap-Seam 18" Load/Span table

Gauge	Span	Condition	Allowable Distributed Load (psf) Span (ft-in)				
			2-0	3-0	4-0	5-0	6-0
24	SS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	DS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	TS	f	361	160	90	57	40
		L/180	361	160	88	45	26
22	SS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	DS	f	361	160	90	57	40
		L/180	361	160	88	45	26
	TS	f	361	160	90	57	40
		L/180	361	160	88	45	26

Snap-Seam® Section Properties

Gauge	Wt. (lbs./ft. ²)	S+ (lbs./ ³ ft.)	L+ (lbs./ ⁴ ft.)	S- (lbs./ ³ ft.)	I- (lbs. ⁴ /ft.)
Snap-Seam® hp -10"					
24	1.41	0.0875	0.1226	0.0586	0.0530
22	1.78	0.1090	0.1528	0.0771	0.0730
Snap-Seam® hp -12"					
24	1.41	0.0875	0.1226	0.0586	0.0530
22	1.78	0.1090	0.1528	0.0771	0.0730
Snap-Seam® hp -16"					
24	1.30	0.0655	0.0960	0.0440	0.0398
22	1.64	0.0838	0.1223	0.0580	0.0548
Snap-Seam® hp -18"					
24	1.26	0.0580	0.867	0.0391	0.0353
22	1.59	0.0751	0.1113	0.0515	0.0478
Snap-Seam® hp -24"					
24	1.18	0.0433	0.0670	0.0294	0.0265
22	1.49	0.0574	0.0880	0.0387	0.0365

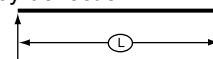
Loading Table Legend

f-Load limited by flexural bending stress

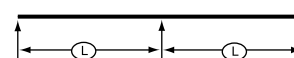
L-Span (Inches)

L/xxx-Load limited by deflection

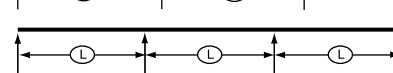
SS-Single span



DS-Double span



TS-Triple span



NOTES:

- Steel conforms to ASTM A-792 (Galvalume®) 50 ksi minimum yield.
- All flat surfaces can display waviness called "oil canning". This is an inherent characteristic of flat steel products, not a defect. AEP Span makes every effort to eliminate any oil canning during the production process.
- Load tables and fastening recommendations are available. Please contact your AEP Span representative.

Specifications subject to change without notice.



A BlueScope Steel Company