

Featuring

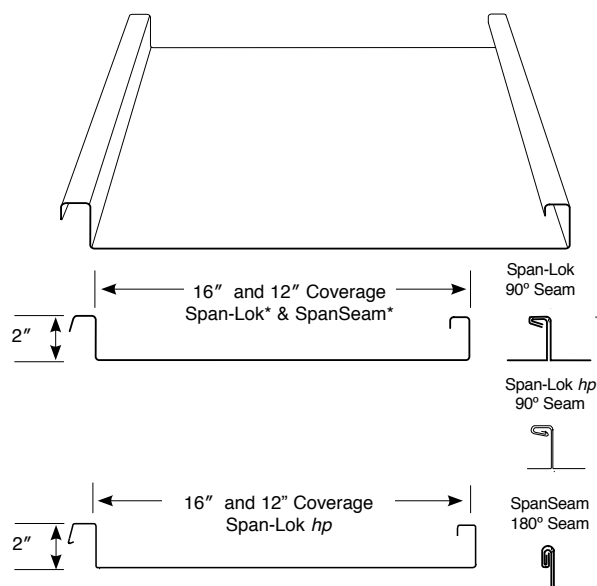
Zincalume® For Twice the Life!

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

Span-Lok™, Span-Lok™ hp and SpanSeam are performance-rated architectural standing seam metal roof systems. The mechanically seamed 2" high rib, provides aesthetic appeal and weather tightness that can be used in a wide variety of new construction or retrofit applications.

features | benefits

- Tested in accordance with UL580 and ASTM E1592.
- Meets UL 90 wind uplift requirements (purlin not to exceed 5'-0" o.c.).
- Span-Lok *hp* is Factory Mutual class 1-75 (5' span) and class 1-120 (2½' span) approved.
- Span-Lok *hp* has an additional bend on female rib which increases uplift performance.
- Can be installed on pitches as low as ¼":12"
- Has been tested for air infiltration per ASTM E1680, and water infiltration per ASTM E1646 and ASTM E2140.
- Span-Lok available machine curved (factory or field) for radiused applications.
- Can be installed over spaced supports or solid substrates.
- Factory applied sealant is standard (except curved panels).
- Factory swaged end laps available.
- Available field formed by AEP Span in continuous long lengths.



Span-Lok, Span-Lok hp & SpanSeam Section Properties

Width	Gauge	Wt. (lbs/ft²)	S+ (in³/ft)	I+ (in⁴/ft)	S- (in³/ft)	I- (in⁴/ft)
16"	24	1.28	0.0833	0.1485	0.0519	0.0630
	22	1.62	0.1133	0.1935	0.0736	0.0878
12"	24	1.41	0.1111	0.1866	0.0692	0.0843
	22	1.80	0.1489	0.2393	0.0977	0.1165

- Factory notching available for turn under at the eave. Notch provides a clean detail and reduction in labor (left to right installation required).
- Two piece, self centering clips, allow for expansion and contraction of panels. Pre-caulked clips are available.
- Choose from subtle striations, two pencil ribs or a clean flat-pan between ribs depending on aesthetic requirements.
- Available in the DuraTech®5000 or DuraTech *mx* coating systems. Also available as special order in aluminum.

NOTE: UL and FM are for 16" only. Please contact your AEP Span representative for more details.

16" Width Span-Lok, Span-Lok hp & SpanSeam								
Gauge	Span	Cond.	Allowable Load (lbs/ft ²) Span (ft.-in.)					
			2-6	3-0	3-6	4-0	4-6	5-0
24	SS	f	266	185	136	104	82	66
		L/240	266	185	136	104	82	66
	DS	f	166	115	84	64	51	41
		L/240	166	115	84	64	51	41
	TS	f	207	144	105	81	64	51
		L/240	207	144	105	81	64	51
22	SS	f	362	251	185	141	111	90
		L/240	362	251	185	141	111	90
	DS	f	235	163	120	91	72	58
		L/240	235	163	120	91	72	58
	TS	f	294	204	150	114	90	73
		L/240	294	204	150	114	90	73

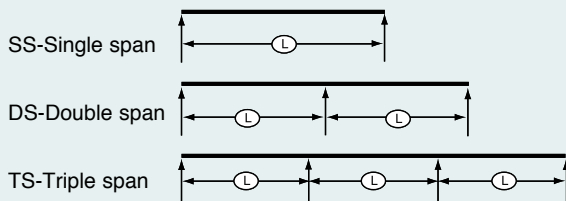
12" Width Span-Lok, Span-Lok hp & SpanSeam								
Gauge	Span	Cond.	Allowable Load (lbs/ft ²) Span (ft.-in.)					
			2-6	3-0	3-6	4-0	4-6	5-0
24	SS	f	355	246	181	138	109	88
		L/240	355	246	181	138	109	88
	DS	f	221	153	112	86	68	55
		L/240	221	153	112	86	68	55
	TS	f	276	192	141	108	85	69
		L/240	276	192	141	108	85	69
22	SS	f	476	330	243	186	147	119
		L/240	476	330	243	186	147	119
	DS	f	312	217	159	122	96	78
		L/240	312	217	159	122	96	78
	TS	f	390	271	199	152	120	97
		L/240	390	271	199	152	120	97

LOADING TABLE LEGEND

f-Load limited by flexural bending stress

L-Span (Inches)

L/240-Load limited by a deflection of 1/240 of the span



NOTES:

- Top values based on allowable stress. Bottom values based on allowable deflection of L/240
- Steel conforms to ASTM A792 (Zincalume) with 50,000 psi minimum yield.
- Tables are for positive loading only.
- Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (2007 Edition).

Specifications subject to change without notice.