

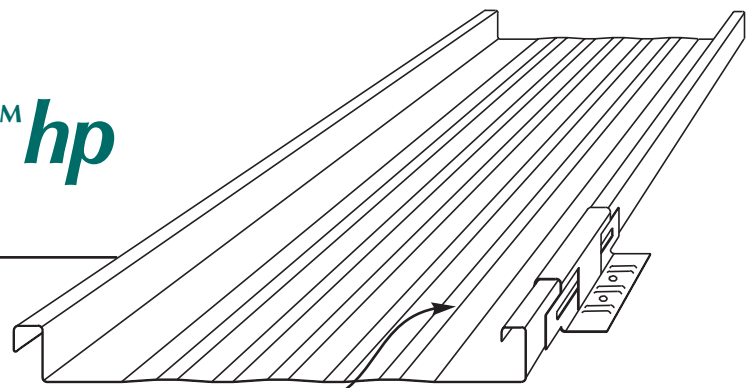
# Span-Lok™, Span-Lok™ hp & SpanSeam

Featuring  
**Zincalume®** For Twice the Life!

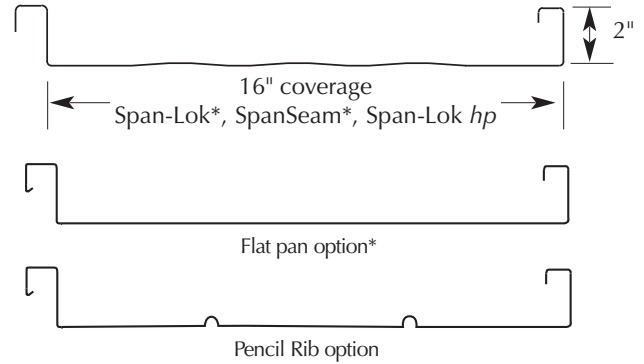
Zincalume combines the strength of steel with the corrosion resistance of aluminum for twice the life of most zinc coatings.

**Span-Lok™, Span-Lok™ hp and SpanSeam™** are performance-rated architectural standing seam metal roof systems. The mechanically seamed 2" and \*3" high rib, provides aesthetic appeal and weather tightness that can be used in a wide variety of new construction or retrofit applications.

- ❑ Factory Mutual tested: 5'-0" span - Class 1-75†, 2'-6" - Class 1-20†.
- ❑ 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 has an additional bend on the female rib which increases its uplift performance.
- ❑ Can be installed on pitches as low as 1/4":12"
- ❑ Has been tested for air infiltration per ASTM E1680, and water infiltration per ASTM E1646.
- ❑ 2" 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 swedged end laps available. Multiple course applications require staggered end laps.
- ❑ Factory notching available for turn under at the eave. Notch provides a clean detail and reduction in labor (left to right installation required).



Subtle striations are standard



\* 3" rib height, 16" coverage available from Dallas, TX.

Span-Lok hp  
90° Seam

SpanSeam  
180° Seam



## 2" Span-Lok & SpanSeam Section Properties

Span-Lok & SpanSeam 16" width					
Gauge	Wt. (lbs./ft. <sup>2</sup> )	S+ (in. <sup>3</sup> /ft.)	I+ (in. <sup>4</sup> /ft.)	S- (in. <sup>3</sup> /ft.)	I- (in. <sup>4</sup> /ft.)
24	1.28	0.0633	0.0855	0.0392	0.0330
22	1.62	0.0821	0.1103	0.0555	0.0458
Span-Lok hp 16" width					
Gauge	Wt. (lbs./ft. <sup>2</sup> )	S+ (in. <sup>3</sup> /ft.)	I+ (in. <sup>4</sup> /ft.)	S- (in. <sup>3</sup> /ft.)	I- (in. <sup>4</sup> /ft.)
24	1.28	0.0633	0.0855	0.0392	0.0330
22	1.62	0.0821	0.1103	0.0555	0.0458

Note: 3" rib section properties available upon request.

- ❑ 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 coating system, aluminum or copper.

† per FM approved construction methods.



[www.aepspan.com](http://www.aepspan.com)

Tacoma, WA 800-733-4955, 253-383-4955 FAX 253-272-0791  
 Fontana, CA 800-272-2466, 909-823-0401 FAX 909-823-2625  
 Dallas, TX & Kernersville, NC  
 800-527-2503, 214-827-1740 FAX 214-828-1394

# Span-Lok™, Span-Lok™ hp & SpanSeam™

## 2" High Rib/16" Width Span-Lok & SpanSeam

			Allowable Load (lbs/ft <sup>2</sup> )					
			Span					
			2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
24 Gauge	SS	f	202	140	103	79	62	50
		L/240	202	140	103	79	61	44
	DS	f	125	87	64	49	38	31
		L/240	125	87	64	49	38	31
	TS	f	156	108	80	61	48	39
		L/240	156	108	80	61	48	39
22 Gauge	SS	f	262	182	134	102	81	65
		L/240	262	182	134	102	79	57
	DS	f	177	123	90	69	54	44
		L/240	177	123	90	69	54	44
	TS	f	222	154	113	86	68	55
		L/240	222	154	113	86	68	55

## 2" High Rib/16" Width Span-Lok hp

			Allowable Load (lbs/ft <sup>2</sup> )					
			Span					
			2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
24 Gauge	SS	f	202	140	103	79	62	50
		L/240	202	140	103	79	61	44
	DS	f	125	87	64	49	38	31
		L/240	125	87	64	49	38	31
	TS	f	156	108	80	61	48	39
		L/240	156	108	80	61	48	39
22 Gauge	SS	f	262	182	134	102	81	65
		L/240	262	182	134	102	79	57
	DS	f	177	123	90	69	54	44
		L/240	177	123	90	69	54	44
	TS	f	222	154	113	86	68	55
		L/240	222	154	113	86	68	55

### 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 for 16" wide panels.
- Tabulated values are for positive loading only.
- Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (1996 Edition).
- 3" High Rib/16" Coverage load tables available upon request.

Specifications subject to change without notice

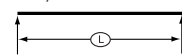
### Loading Table Legend

f-Load limited by flexural bending stress

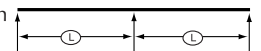
L-Span (Inches)

L/xxx-Load limited by deflection

SS-Single span



DS-Double span



TS-Triple span  
or More

