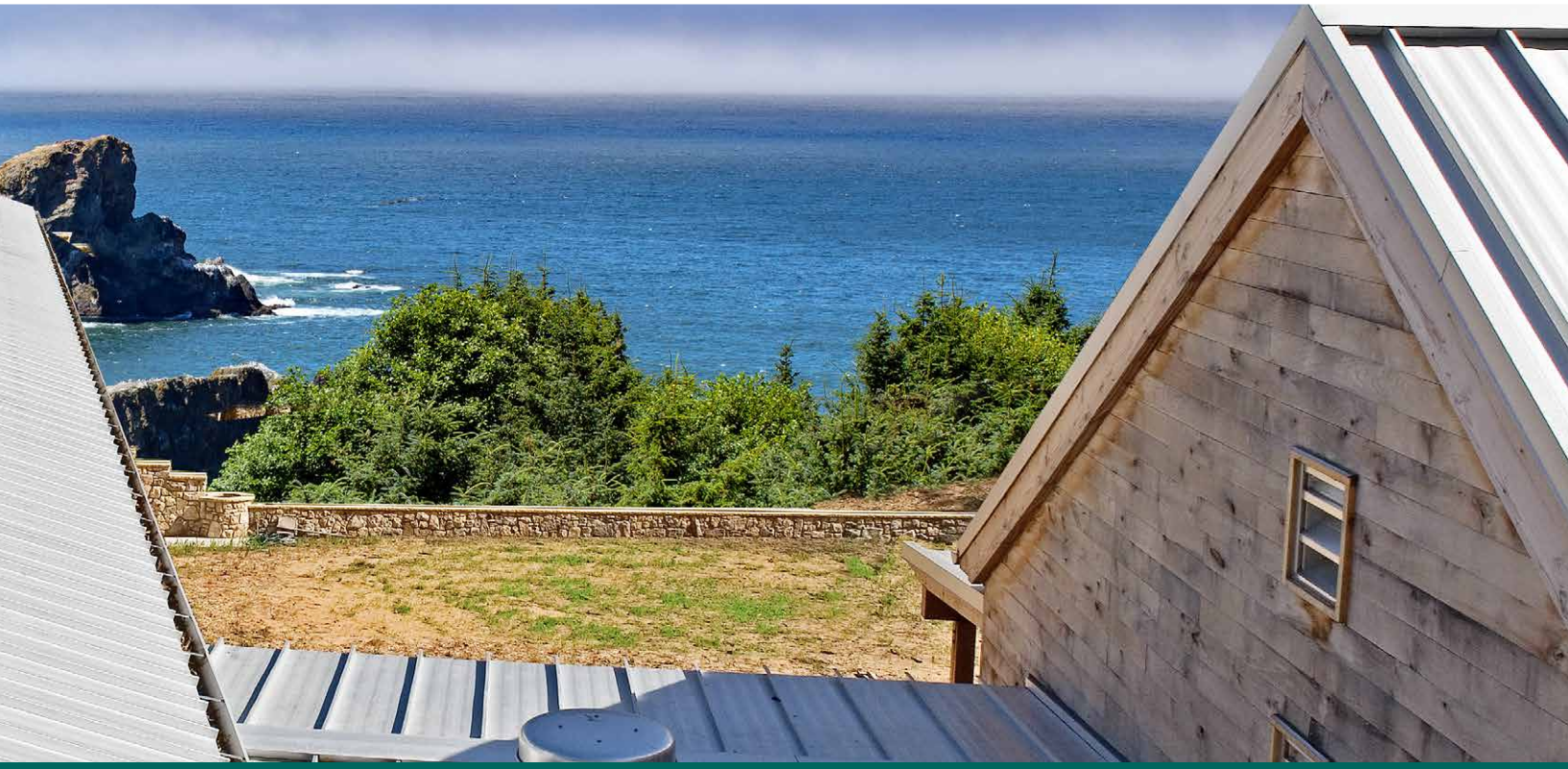
Aluminum 16" Span-Lok™ *hp*



IDEAL FOR COASTAL ENVIRONMENTS

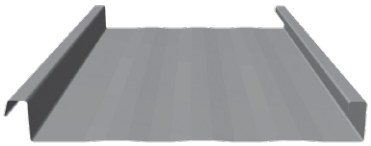
16" Span-Lok™ *hp* is offered in pre-painted aluminum, making it an ideal solution for projects in coastal or other corrosive environments. With an unlimited selection of colors to choose from, Aluminum Span-Lok *hp* offers the performance of a standing seam panel and versatile options for stunning oceanfront designs.

Features and Benefits:

- Has been third-party tested, exceeding industry testing standards.
- Pre-painted aluminum in .040" thickness. (flat sheets also available)
- Subtle striations standard on 16" panels. Options include: pencil ribs, notching and flat pan.
- 40-year Finish Warranty offered in an unlimited selection of colors. (Dura Tech™ PVDF paint system)
- 20 and 15-year Marine Environment Warranties available.
- Weathertight Warranty available (roof application only).
- Minimum order requirements and longer lead times apply.

NOTE: ASC Profiles disclaims any and all representations and warranties when aluminum flat sheet is used in automated manufacturing processes and further disclaims any and all liability for such use. (see our website for more details)

OIL CANNING: All flat metal surfaces can display waviness commonly referred to as “oil canning”. “Oil canning” is an inherent characteristic of metal products, not a defect, and therefore is not a cause for panel rejection.



16" Span-Lok™*hp*

Panel Properties							
Width (in)	Material Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft²)	I (in⁴/ft)	S+ (in³/ft)	S- (in³/ft)
16	0.040	17	20	0.805	0.455	0.283	1.056

Allowable Inward Loads (lbs/ft²) per Span (ft.-in.)							
	2' - 0"	2' - 6"	3' - 0"	3' - 6"	4' - 0"	4' - 6"	5' - 0"
0.040	105.4	86.2	72.9	63.1	55.7	49.8	45.0

1. The allowable inward loads presented above are based on the allowable panel stress and L/180 deflection limit.
2. Aluminum base material in compliance to ASTM B209. Analysis based on the Aluminum Design Manual (ADM), 2015 Edition.
3. Listed capacities are for uniform loads only and based on a 3-Span / Multi-Span condition.
4. The inward load table is not to be used for project specific calculations without further review of a Licensed Professional Engineer in the state that the project is located.

Maximum Allowable Outward (lbs/ft²) / Span (ft. - in.)								
		2' - 0"	2' - 6"	3' - 0"	3' - 6"	4' - 0"	4' - 6"	5' - 0"
0.040	w/ Std. Clip	105.4	85.2	71.8	62.2	55.1	49.5	45.0
	w/ Low Clip	73.1	56.6	46.2	38.9	33.7	29.6	26.5

1. The maximum allowable outward loads presented above are based on the allowable panel stress per ASTM E1592 tests and L/180 deflection limit.
2. Aluminum base material in compliance to ASTM B209. Analysis based on the Aluminum Design Manual (ADM), 2015 Edition.
3. Listed capacities are for uniform loads only and based on a 3-Span / Multi-Span condition.
4. The outward load table data is not to be used for project specific calculations without further review of a Licensed Professional Engineer in the state that the project is located.
5. Values listed do not include important fastener-to-substrate limitations. Contact AEP Span for additional performance reductions based on various fastener-to-substrate capacities.

800-733-4955
www.aepspan.com