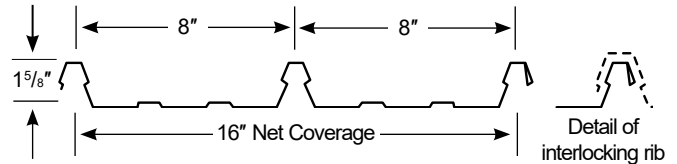
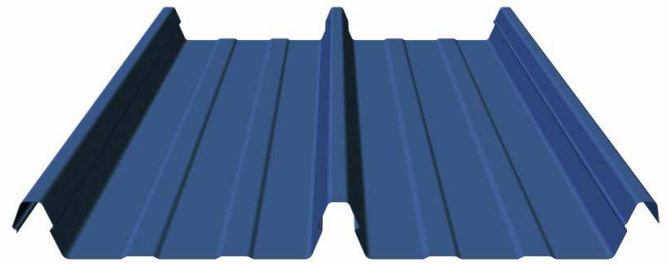


Klip-Rib is a high performance-rated, standing seam, snap-down panel offering quick installation and exceptional strength.


Klip-Rib is ideal for applications requiring high wind uplift resistance combined with ease of assembly. Common applications include commercial, educational and institutional roofs.



Section Properties									Standard Finishes	
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft ²)	I+ (in ⁴ /ft)	S+ (in ³ /ft)	I- (in ⁴ /ft)	S- (in ³ /ft)	Metallic Coating	Paint System
26	0.0173	80	82	1.11	0.0935	0.0772	0.0668	0.0625	AZ50	Cool Dura Tech™ <i>nt</i>
24	0.0232	50	65	1.39	0.1240	0.1037	0.0925	0.0857	AZ50	Cool Dura Tech™ <i>5000</i>
22	0.0294	50	65	1.75	0.1545	0.1298	0.1185	0.1097	AZ50	Cool Dura Tech™ <i>mx</i>

NOTES: The moments of inertia, I⁺ and I⁻, presented for determining deflection are: $(2I_{\text{Effective}} + I_{\text{Gross}})/3$

standard features

- 16" coverage roof panel.
- Minimum recommended slope 1:12.
- Gauges: 22ga, 24ga and 26ga in standard finishes.
- Refer to AEP Span Color Charts for full range of color options and paint systems.
- Custom manufactured panel lengths: 5'-0" to up to 45'-0".
- Panels are stiff enough to be shipped without wooden crates. The stretch wrap packaging protects the panels from water and dirt and reduces job site waste.
- Panel is acceptable for use in wall applications.
- Snap-together seams – Unique clip and lock seam reduces labor by eliminating field seaming.
- Testing: ASTM E1680 (air infiltration), ASTM E1646 and ASTM E1592 (water infiltration).
- Meets UL580 Class 90 wind uplift requirements (Class 60 for 26ga).
- Roof assemblies Class A Fire Rated when installed on non-combustible deck or framing per IBC or IRC or when installed in accordance to UL listings (UL790).
- Building Code Approval Report: #ER-0309. 
- Manufactured in Tacoma, WA.

optional features

- Short cut sheets from 5'-0" to 1'-0". Additional fees and lead times apply.
- Long Lengths - Exceptional structural capacity allows lengths up to 100'-0". Additional charges for lengths over 45'-0".
- Crimp curving –
22 & 24 gauge – maximum length 30'-0".
Minimum outside radius 24".
- Stucco embossed option available. Subject to 700 square feet minimum order.
- Custom colors, thick film primer and/or clear coat paint finished available. Subject to 4,000 square feet minimum order.*
- Weathertight warranty available. Minimum slope required. Contact AEP Span representative for more information. (Roof application ONLY).*

* Inquire with an AEP Span Sales Representative.

Gauge	Span	Cond.	Allowable Inward Loads (lbs/ft ²) per Span (ft.-in.)								
			3' - 0"	3' - 6"	4' - 0"	4' - 6"	5' - 0"	5' - 6"	6' - 0"	6' - 6"	7' - 0"
26	Single Span	W/Ω	205	151	116	91	74	61	51	44	38
		L/180	-	-	-	90	65	49	38	30	24
	Double Span	W/Ω	163	120	92	72	59	49	40	35	30
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	W/Ω	201	149	114	90	74	60	51	43	37
		L/180	-	-	-	-	-	-	-	-	-
24	Single Span	W/Ω	230	169	129	102	83	68	57	49	42
		L/180	-	-	-	-	-	-	-	-	-
	Double Span	W/Ω	185	137	106	83	67	56	47	40	35
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	W/Ω	230	170	130	104	84	69	58	50	43
		L/180	-	-	-	-	-	-	-	-	-
22	Single Span	W/Ω	288	212	162	128	104	86	72	61	53
		L/180	-	-	-	-	-	81	63	49	39
	Double Span	W/Ω	237	175	134	107	86	72	59	51	44
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	W/Ω	293	217	168	133	107	90	75	64	55
		L/180	-	-	-	-	-	-	-	-	-

Gauge	Allowable Outward Loads (lbs/ft ²) per Span (ft.-in.)									
	1' - 0"	1' - 6"	2' - 0"	2' - 6"	3' - 0"	3' - 6"	4' - 0"	4' - 6"	5' - 0"	
26	58	49	42	36	32	28	26	24	24	
24	98	88	78	69	61	54	48	42	37	
22	181	157	135	116	99	84	72	62	54	

LOADING TABLE LEGEND
W/Ω - Allowable panel strength
L - Span (Inches)
L/180 - Load limited by a deflection of 1/180 of the span
W - Distributed load

Inward Loads	Single span	
	Double span	
	Triple span	
Outward Loads		

NOTES:

- The information in these tables applies to uniform loads only.
- Upper values based on allowable panel strength.
Bottom values based on allowable service load deflection of L/180.
- "-" denotes that capacities are limited by panel strength vs. deflection.
- Steel conforms to ASTM A792 (ZINCALUME®) 50,000 psi minimum yield.
- Values are based on AISI S100-07/S2-10.
- Maximum allowable outward load capacities are shown and dependent upon fastener-to-substrate capacities. Refer to IAPMO-UES report #ER-0309 for specific product capacities.
- Spans greater than 5'-0" do not have a UL90 rating but are acceptable under certain conditions.
- For slopes lower than 1:12, applications in snowfall areas, or spans greater than 5', please contact your AEP Span Representative for recommendations.

Specifications subject to change without notice.

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

