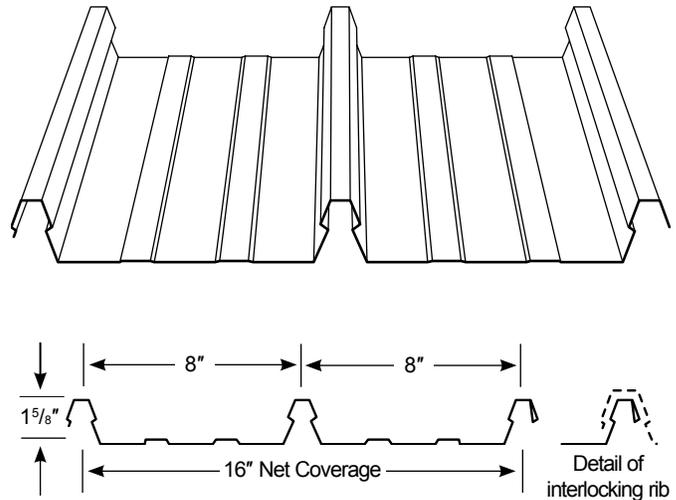


Klip-Rib is a high performance-rated, standing seam, snap-down panel offering quick installation and exceptional strength.

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



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	1.1	0.0935	0.0772	0.0668	0.0625	AZ50	Cool DuraTech® nt
24	0.0230	50	65	1.4	0.1230	0.1029	0.0915	0.0850	AZ50	Cool DuraTech® 5000
22	0.0290	50	65	1.8	0.1523	0.1282	0.1168	0.1082	AZ50	Cool DuraTech® mx

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

standard features

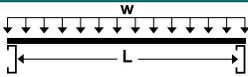
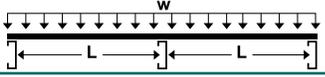
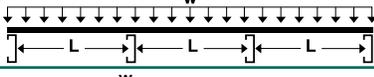
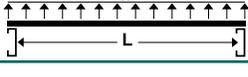
- Custom manufactured sheet lengths from 5'-0" to up to 100'-0".
- Available in 26, 24, 22 gage in standard finishes – refer to AEP Span Color Chart for full range of color options.
- Zinalume® coating, ASTM A-792, is standard and backed by a corrosion warranty on painted or unpainted panels.
- Meets IBC requirements for roof panels in accordance with Chapter 15.
- Performance testing: Air – ASTM E1680, Water – ASTM E1646, Wind – UL 580, Class 90, ASTM E1592
- Low Slope Capacity - Can be installed on slopes as low as 1:12.
- Snap Together Seams - Unique clip and lock seam reduces labor by eliminating field seaming.
- Stretch Wrap Packaging - Panels are rigid enough to be shipped with minimal protective packaging.
- All colors meet a minimum SRI of 29 and one color, Regal White has a SRI of 85.

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 – max length 30'-0"
 - Min 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.

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	SS	f	205	151	116	91	74	61	51	44	38
		L/180	-	-	-	90	65	49	38	30	24
	DS	f	166	122	94	74	60	49	42	35	31
		L/180	-	-	-	-	-	-	-	-	-
	TS	f	208	153	117	92	75	62	52	44	38
		L/180	-	-	-	-	-	-	-	-	-
24	SS	f	228	168	128	101	82	68	57	49	42
		L/180	-	-	-	-	-	65	50	39	31
	DS	f	189	138	106	84	68	56	47	40	35
		L/180	-	-	-	-	-	-	-	-	-
	TS	f	236	173	133	105	85	70	59	50	43
		L/180	-	-	-	-	-	-	-	-	-
22	SS	f	284	209	160	126	102	85	71	61	52
		L/180	-	-	-	-	-	80	62	48	39
	DS	f	240	176	135	107	86	71	60	51	44
		L/180	-	-	-	-	-	-	-	-	-
	TS	f	300	220	169	133	108	89	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	205	151	116	91	74	61	51	44	38
24	228	168	128	101	82	68	57	49	42
22	284	209	160	126	102	85	71	61	52

LOADING TABLE LEGEND		
f - Load limited by flexural bending stress		
L - Span (Inches)		
L/180 - Load limited by a deflection of 1/180 of the span		
w - Distributed load		
Inward Loads	SS-Single span	
	DS-Double span	
	TS-Triple span	
Outward Loads		

NOTES:

- Top values based on allowable stress. Bottom values based on allowable deflection of L/180.
 - "-" denotes that the allowable load is limited by the allowable flexural bending stress.
 - Steel conforms to ASTM A653 (Galvanized) or ASTM A792 (Zincalume) structural steel.
 - Tabulated values are for positive (Inward) loading only.
 - Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (2007 Edition).
 - 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.