

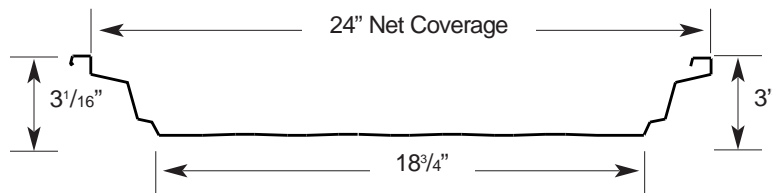
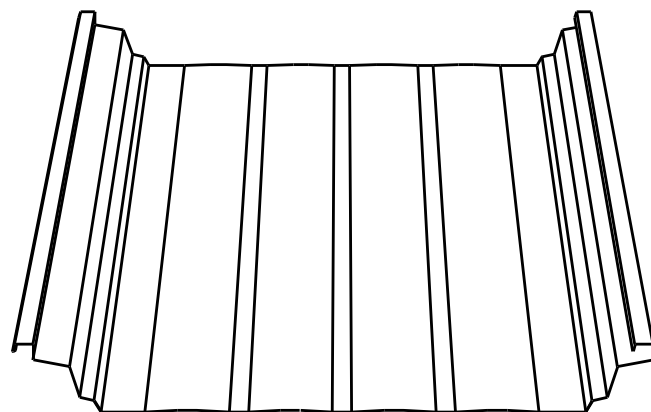
MultiLok-24[®]

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.

MultiLok-24[®] is a structural standing seam roof system preferred for weathertight low slope applications. Multilok-24 uniquely offers three field-seaming options to suit the varying wind uplift requirements.



features | benefits

- Weather-tight 3" - high standing seam with concealed clips and fasteners.
- Tested in accordance with ASTM E-1680 (air infiltration).
- Tested in accordance with ASTM E-1646 (water infiltration).
- Ideal for both new and retrofit construction.
- Has been tested in accordance with ASTM E1592 (wind uplift).
- Has been tested in accordance with UL580 and meets UL 90 wind uplift requirements.
- Floating roof clips allow for movement to accommodate thermal expansion on very long runs.
- Factory-applied seam and clip sealant assures quality control and a fast installation.
- Choose from three different seam configurations (RollLok, TripleLok, or QuadLok) depending on project requirements.
- MultiLok-24[™] system includes trim and accessories.
- An 18" wide modular panel is offered for a clean finish at the rake.
- Guide Specifications and Installation, Flashing & Detail Guide available.

MultiLok-24[™] Section Properties

Gauge	Wt. (lbs./ft. ²)	S+ (in. ³ /ft.)	I+ (in. ⁴ /ft.)	S- (in. ³ /ft.)	I- (in. ⁴ /ft.)
24	1.17	0.1567	0.3739	0.0965	0.1577
22	1.44	0.1925	0.4587	0.1276	0.2025



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 800-527-2503, 214-827-1740 FAX 214-828-1394
 Kernersville, NC 800-527-2503, 214-827-1740 FAX 214-828-1394

MultiLok-24™

MultiLok-24™ Allowable Load (psf)

			SPAN					
			2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
24 Ga.	SS	f	501	348	255	195	154	125
		L/180	501	348	255	195	154	125
	DS	f	308	214	157	120	95	77
		L/180	308	214	157	120	95	77
	TS	f	386	268	196	150	119	96
		L/180	386	268	196	150	119	96
22 Ga.	SS	f	616	427	314	240	190	154
		L/180	616	427	314	240	190	154
	DS	f	408	283	208	159	126	102
		L/180	408	283	208	159	126	102
	TS	f	510	354	260	199	157	127
		L/180	510	354	260	199	157	127

Notes:

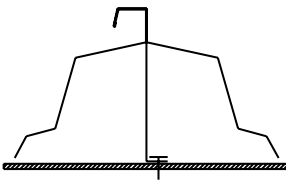
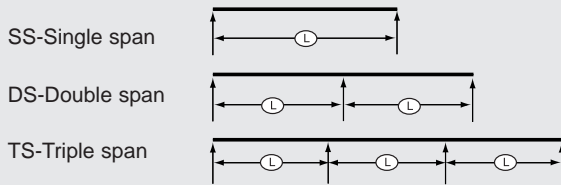
- This table applies to "positive" loading only. Contact your AEP Span Representative for information on "negative" (uplift) load capacity.
- "f" indicates load capacity based on allowable stress limitation.
- "L/180" indicates load capacity based on a deflection limit of L/180.
- Values are based on the American Iron and Steel Institute (AISI) "Cold formed Steel Design Manual" (1996 Edition).
- Steel conforms to ASTM A792 Grade 50 (Fy=50 ksi).

Loading Table Legend

f-Load limited by flexural bending stress

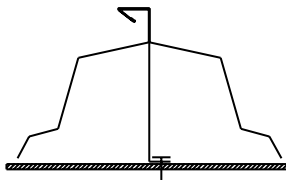
L-Span (Inches)

L/180-Load limited by a deflection of 1/180 of the span



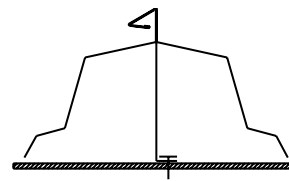
RollLok

- Panels hand crimped at clips and no electric seaming tool is used.



TripleLok

- Panels are seamed using electric seaming tool.



QuadLok

- Panels are seamed with two varying sets of rolls, using the electric seaming tool.
- Used for maximum strength and water-tightness.

