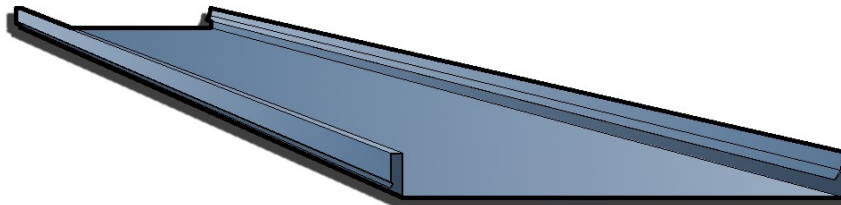
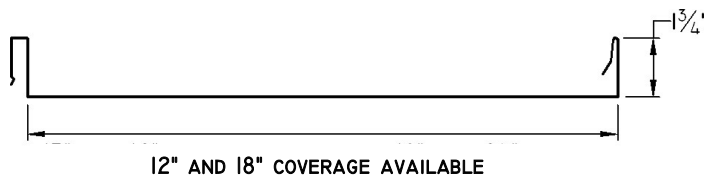




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Clip-Lock



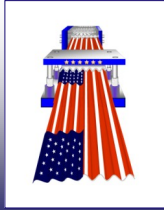
Clip-Lock is a performance –rated structural standing seam metal roof system with net coverage of 12” to 18”. Clip-Lock is excellent as a roof over metal or wood decking , and as a fascia or mansard over plywood or supports.

- Wind uplift tested in accordance with UL580 and ASTM E1592
- Meets UL Class 90 wind uplift require meant for 12”, 17” and 18” widths.
- Can be installed over solid substrates or spread support members at spans up to 5'-0”
- Subtle striations between ribs on 17” and wider panels reduce the appearance of oil-canning.
- Factory applied sealant is standard.
- Has been tested for air infiltration per ASTM E1680, and water infiltration per ASTM E1646.
- Clip-Lock is correctively leveled to insure the flattest panel appearance.
- Snap-On panel, no field seaming required.
- 12” panel has Corps of Engineers approval.
- Available standard in the Kynar 500 paint system, unpainted Zinalume® Plus, ZACtique®II treatment or 16oz. Copper (18” std).

CLIP-LOCK SECTION PROPERTIES					
Clip-Lock - 12"					
	Wt.	S+	I+	S-	I-
Gauge	(lbs./ft.2)	(in.3/ft.)	(in.4/ft.)	(in.3/ft.)	(in.4/ft.)
24	1.39	0.0822	0.1178	0.0648	0.0595
22	1.78	0.1046	0.1502	0.0932	0.0834
Clip-Lock - 17" and 18"					
	Wt.	S+	I+	S-	I-
Gauge	(lbs./ft.2)	(in.3/ft.)	(in.4/ft.)	(in.3/ft.)	(in.4/ft.)
24	1.24	0.0566	0.0859	0.0434	0.0399
22	1.58	0.0721	0.1096	0.0625	0.0559

American

Die & Rollforming Inc
 3495 Swetzer Road, Loomis, CA 95650
 916-652-7667
 www.americandieandrollforming.com



American Die & Rollforming Inc.

Clip-Lock

Clip-Lock 12"
Load/Span Table

			Allowable Uniform Distributed Load (psf)				
			Span				
			2'	2' 6"	3'	3' 6"	4'
24 Gauge	SS	f	328	210	146	107	82
		L/240	328	210	146	107	82
	DS	f	259	165	115	84	64
		L/240	259	165	115	84	64
	TS	f	324	207	144	105	81
		L/240	324	207	144	105	81
22 Gauge	SS	f	418	267	185	136	104
		L/240	418	267	185	136	104
	DS	f	372	238	165	121	93
		L/240	372	238	165	121	93
	TS	f	466	298	207	152	116
		L/240	466	298	207	152	116

Notes:

- Steel conforms to ASTM A-792 (Zincalume®) 40,000 psi minimum yield.
- Loads listed above are for "positive" loading only.
- All flat surfaces can display waviness called "oil canning". This is an inherent characteristic of flat steel products, not a defect.
- Spans greater than 5'-0" do not have a UL90 rating but are acceptable under certain conditions.

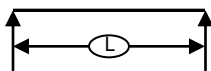
Loading Table Legends

F-load limited by flexural bending stress

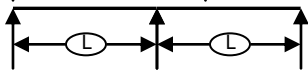
L-span (Inches)

L/xxx-Load limited by deflection

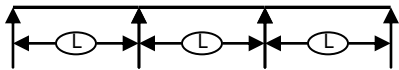
SS-Single span



DS-Double span



TS-Triple span



Clip-Lock 18"
Load/Span Table

			Allowable Uniform Distributed Load (psf)				
			Span				
			2'	2' 6"	3'	3' 6"	4'
24 Gauge	SS	f	226	144	100	73	56
		L/240	226	144	100	73	56
	DS	f	173	111	77	56	43
		L/240	173	111	77	56	43
	TS	f	217	138	96	70	54
		L/240	217	138	96	70	54
22 Gauge	SS	f	288	184	128	94	72
		L/240	288	184	128	94	72
	DS	f	250	160	111	81	62
		L/240	250	160	111	81	62
	TS	f	312	200	138	102	78
		L/240	312	200	138	102	78

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