

Design Span[®]

Design Span 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

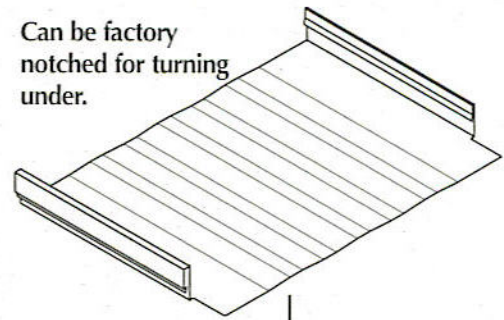
Design Span 17" and 18" Load/Span Table

			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

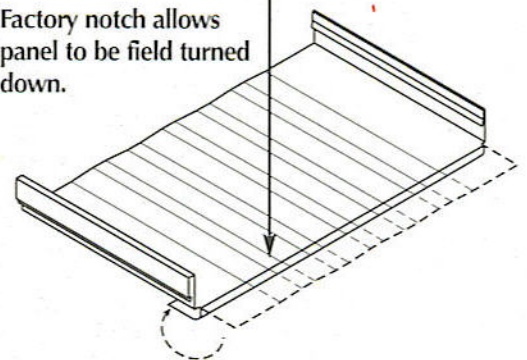
Design Span 24" Load/Span Table

			Allowable Uniform Distributed Load (psf)				
			Span				
			2'	2'6"	3'	3'6"	4'
24 Gauge	SS	f	180	115	80	58	45
		L/240	180	115	80	58	45
	DS	f	130	83	57	42	32
		L/240	130	83	57	42	32
	TS	f	163	104	72	53	40
		L/240	163	104	72	53	40
22 Gauge	SS	f	220	141	98	72	55
		L/240	220	141	98	72	55
	DS	f	188	120	83	61	47
		L/240	188	120	83	61	47
	TS	f	235	150	104	76	58
		L/240	235	150	104	76	58

Can be factory
notched for turning
under.



Factory notch allows
panel to be field turned
down.



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. AEP Span makes every effort to eliminate oil canning by offering striations.
- Spans greater than 4'-0" do not have a UL90 rating but are acceptable under certain conditions.

Specifications subject to change without notice

Loading Table Legend

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

