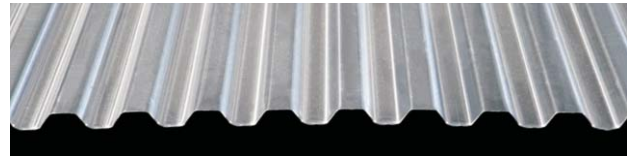
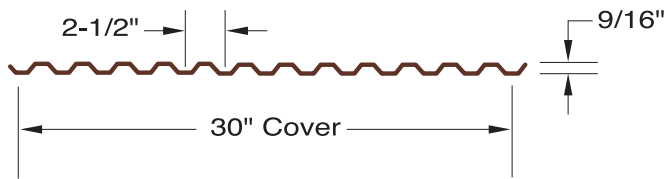


FORM DECK TYPE "S" (STANDARD FORM DECK)



Section Properties (Fy=80 ksi)

Gage	Design Thickness	Weight (psf) Glv	Ip(In ⁴)	In(In ⁴)	Sp(In ³)	Sn(In ³)
28	.0149	0.85	0.0116	0.0113	0.0356	0.037
26	.0179	1.02	0.014	0.0139	0.0449	0.045
24	.0238	1.30	0.0186	0.0186	0.0607	0.0602
22	.0295	1.55	0.0231	0.023	0.0747	0.0742

Helpful Hint: Form deck is used when a non-composite slab is required and the clear span is short.

- Section properties calculated in accordance with AISI specifications

Maximum Construction Clear Spans

Slab Depth	Gage	Weight PSF	NW Concrete 145 PCF			Weight PSF	LW Concrete 110 PCF		
			1 Span	2 Span	3 Span		1 Span	2 Span	3 Span
2.0"	28	23	2-3	2-10	2-11	17	2-4	3-0	3-0
	26	23	2-9	3-6	3-7	18	2-10	3-8	3-9
	24	23	3-5	4-6	4-6	18	3-7	4-8	4-9
	22	23	4-0	5-3	5-4	18	4-3	5-7	5-7
2.5"	28	29	2-2	2-9	2-10	22	2-3	2-10	2-11
	26	29	2-7	3-5	3-5	22	2-9	3-7	3-7
	24	29	3-3	4-3	4-4	22	3-6	4-6	4-7
	22	29	3-10	5-0	5-1	23	4-0	5-3	5-4
3.0"	28	35	2-1	2-8	2-8	27	2-2	2-10	2-10
	26	35	2-6	3-3	3-4	27	2-8	3-5	3-6
	24	35	3-1	4-1	4-2	27	3-4	4-4	4-5
	22	35	3-7	4-9	4-10	27	3-11	5-1	5-2
3.5"	28	41	2-0	2-7	2-7	31	2-1	2-9	2-9
	26	41	2-5	3-2	3-2	31	2-7	3-4	3-5
	24	41	3-0	3-11	4-0	32	3-2	4-2	4-3
	22	42	3-5	4-7	4-7	32	3-9	4-11	4-11
4.0"	28	47	1-11	2-6	2-7	36	2-1	2-8	2-8
	26	47	2-4	3-1	3-1	36	2-6	3-2	3-2
	24	47	2-10	3-9	3-10	36	3-1	4-1	4-1
	22	48	3-4	4-5	4-5	36	3-7	4-9	4-10
4.5"	28	53	1-10	2-5	2-6	40	2-0	2-7	2-8
	26	53	2-3	3-0	3-0	40	2-4	3-3	3-3
	24	53	2-9	3-8	3-9	41	3-0	3-11	4-0
	22	54	3-2	4-3	4-3	41	3-6	4-7	4-8
5.0"	28	59	1-10	2-5	2-5	45	1-11	2-6	2-7
	26	59	2-2	2-11	2-11	45	2-4	3-1	3-2
	24	59	2-8	3-7	3-7	45	2-11	3-10	3-11
	22	60	3-1	4-1	4-2	46	3-4	4-5	4-6

For the latest SDI standards and publications, please visit: sdi.org

FORM TYPE "S" (STANDARD FORM DECK) continued...

Span Condition	Gage	Design Criteria	Uniform Total Load in Pounds Per Square Foot (Dead and Live)								
			2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"
One	28	36000	211	135	94	69	52	41	33		
		L/240	94	48	28						
		L/180	126	64	37	23					
	26	36000	267	171	118	87	66	52	42		
		L/240	114	58	33	21					
		L/180	152	77	45	28					
	24	36000	*	231	160	118	90	71	57	47	40
		L/240	151	77	45	28					
		L/180	202	103	60	37	25				
	22	36000	*	284	197	145	111	87	71	58	49
		L/240	188	96	55	35	23				
		L/180	251	128	74	46	31				
Two	28	36000	221	142	98	72	55	43	35		
		L/240	228	117	67	42	28	20			
		L/180	*	156	90	56	38	26			
	26	36000	270	173	120	88	67	53			
		L/240	275	140	81	51	34	24			
		L/180	*	187	108	68	45	32			
	24	36000		231	160	118	90	71	57	47	40
		L/240		187	108	68	45	32	23		
		L/180		249	144	91	61	42	31		
	22	36000		284	197	145	111	87	71	58	49
		L/240		232	134	84	56	39	29	21	
		L/180		*	179	113	75	53	38	29	
Three or More	28	36000	273	177	123	90	69	54	44		
		L/240	179	92	53	33	22				
		L/180	239	122	71	44	29				
	26	36000	*	216	150	110	84	66	54		
		L/240	216	110	64	40	27				
		L/180	288	147	85	53	36				
	24	36000	*	289	200	147	112	89	72	59	50
		L/240	287	147	85	53	35	25			
		L/180	*	196	113	71	47	33			
	22	36000		*	247	181	139	109	89	73	61
		L/240		182	105	66	44	31	22		
		L/180		243	141	88	59	41	30		

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