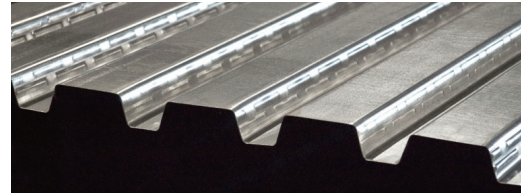
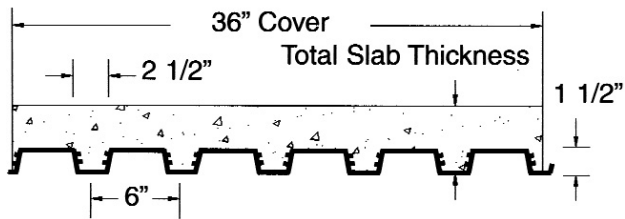


1 1/2" COMPOSITE DECK *LIGHTWEIGHT CONCRETE (115 pcf)*



30" Cover and Integral Hangar Tabs also available.

Helpful Hint: 1 1/2" Composite deck is used when the slab and support to support distance are both moderate in size.

Section Properties (Fy=40 ksi)

Gage	Design Thickness	Weight (psf)Glv	Ip(In ⁴)	Sp(In ³)	Sn(In ³)
22	.0295	1.61	0.154	0.180	0.187
20	.0358	2.04	0.200	0.229	0.240
18	.0474	2.70	0.290	0.312	0.324
16	.0598	3.20	0.387	0.402	0.409

- Section properties calculated in accordance with AISI specifications

Slab Depth	Gage	Max Unshored Clear Span			Superimposed Live Load in Pounds Per Square Foot										
		One	Two	Three	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"
4.0"	22	5-4	7-1	7-2	400	400	400	350	300	260	226	199	176	156	140
	20	6-4	8-5	8-6	400	400	392	319	273	236	205	180	159	141	126
	18	7-9	10-2	10-6	400	400	400	349	301	262	216	189	167	149	133
	16	9-0	11-5	11-9	400	400	400	362	312	272	239	212	189	154	138
4.5"	22	5-1	6-10	6-11	400	400	400	400	365	315	275	242	214	190	170
	20	6-0	8-0	8-2	400	400	400	387	332	287	250	219	194	172	154
	18	7-4	9-9	10-0	400	400	400	400	366	301	262	230	204	181	162
	16	8-7	10-11	11-3	400	400	400	400	379	330	290	257	211	188	168
4.75"	22	5-0	6-8	6-9	400	400	400	400	398	344	300	264	233	208	185
	20	5-10	7-10	7-11	400	400	400	400	362	313	273	239	212	188	168
	18	7-1	9-6	9-9	400	400	400	400	398	328	286	252	222	198	177
	16	8-4	10-8	11-0	400	400	400	400	400	360	316	261	231	205	183
5.0"	22	4-11	6-7	6-7	400	400	400	400	400	373	325	286	253	225	201
	20	5-9	7-8	7-9	400	400	400	400	392	339	296	260	230	204	182
	18	7-0	9-4	9-6	400	400	400	400	400	356	311	273	241	215	192
	16	8-2	10-5	10-10	400	400	400	400	400	390	342	283	251	223	199
5.75"	22	4-8	6-3	6-3	400	400	400	400	400	400	400	354	313	279	249
	20	5-5	7-3	7-4	400	400	400	400	400	400	400	366	322	285	226
	18	6-7	8-10	9-0	400	400	400	400	400	400	400	385	339	299	266
	16	7-8	9-10	10-3	400	400	400	400	400	400	400	352	311	277	247

- Notes: 1. Load tables are calculated using section properties based on the steel design thickness shown in the Steel Deck Institute (SDI) design manual.
 2. Minimum exterior bearing length required is 1.5 inches. Minimum interior bearing length is 3 inches. If these minimum lengths are not provided, web crippling must be checked.