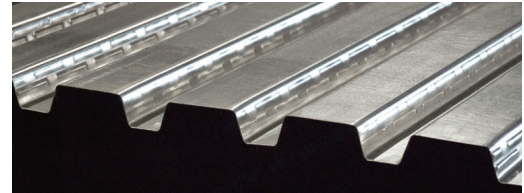
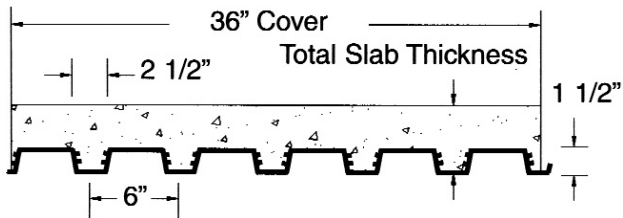


1 1/2" COMPOSITE DECK *NORMAL WEIGHT CONCRETE (145 pcf)*



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 (F_y=40 ksi)

Gage	Design Thickness	Weight (psf) Glv	I _p (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	5-0	6-8	6-9	400	400	400	355	304	262	228	200	176	156	139
	20	5-10	7-10	7-11	400	400	382	323	276	238	207	181	159	141	126
	18	7-1	9-6	9-9	400	400	400	357	308	250	217	190	168	149	132
	16	8-4	10-8	11-0	400	400	400	370	319	278	244	197	174	154	137
4.5"	22	4-9	6-4	6-5	400	400	400	400	369	319	277	243	215	190	170
	20	5-7	7-6	7-7	400	400	400	392	335	289	251	220	194	172	153
	18	6-9	9-0	9-3	400	400	400	400	352	304	264	232	204	181	161
	16	7-10	10-1	10-6	400	400	400	400	387	337	274	240	212	188	168
5.0"	22	4-6	6-1	6-2	400	400	400	400	400	376	328	288	254	225	201
	20	5-4	7-2	7-3	400	400	400	400	396	342	298	261	230	204	182
	18	6-5	8-8	8-9	400	400	400	400	400	359	313	274	242	215	191
	16	7-6	9-8	10-0	400	400	400	400	400	373	325	285	251	223	199
5.5"	22	4-4	5-10	5-11	400	400	400	400	400	400	379	333	294	261	233
	20	5-1	6-10	6-11	400	400	400	400	400	396	345	302	266	236	211
	18	6-2	8-3	8-5	400	400	400	400	400	400	363	318	281	249	222
	16	7-2	9-3	9-7	400	400	400	400	400	400	377	330	292	259	231
6.0"	22	4-2	5-8	5-9	400	400	400	400	400	400	400	379	335	297	265
	20	4-11	6-7	6-8	400	400	400	400	400	400	392	344	304	269	240
	18	5-11	8-0	8-1	400	400	400	400	400	400	400	362	320	284	253
	16	6-10	8-11	9-3	400	400	400	400	400	400	400	377	333	295	264

- 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.