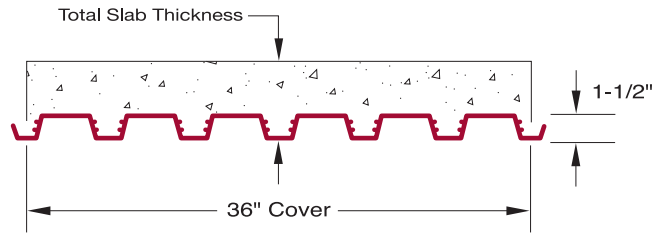
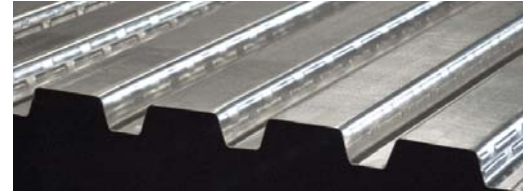


COMPOSITE 1 1/2" COMPOSITE DECK LIGHT WEIGHT CONCRETE (115 pcf)



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)	In (In ⁴)	Sp (In ³)	Sn (In ³)
22	.0295	1.61	0.1536	0.1888	0.1818	0.1902
20	.0358	2.04	0.2	0.2301	0.23	0.2433
18	.0474	2.70	0.2903	0.3061	0.3134	0.3256
16	.0598	3.20	0.3869	0.3869	0.4029	0.4104

- 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'-7"	7'-6"	7'-7"	400	384	319	268	228	196	169	147	129	113	100
	20	6'-7"	8'-9"	8'-10"	400	400	380	321	273	235	204	178	156	138	122
	18	7'-12"	10'-4"	10'-8"	400	400	400	389	332	286	249	219	192	170	151
	16	9'-3"	11'-6"	11'-11"	400	400	400	400	358	309	269	235	207	184	163
4.5"	22	5'-4"	7'-2"	7'-3"	400	400	394	331	282	242	210	183	160	141	125
	20	6'-3"	8'-4"	8'-5"	400	400	400	397	339	291	253	221	194	172	152
	18	7'-7"	9'-10"	10'-2"	400	400	400	400	400	356	309	271	239	211	188
	16	8'-9"	10'-12"	11'-4"	400	400	400	400	400	385	335	293	259	229	204
4.75"	22	5'-3"	6'-12"	7'-1"	400	400	400	364	310	266	231	201	176	155	138
	20	6'-1"	8'-2"	8'-3"	400	400	400	400	372	321	278	243	214	189	168
	18	7'-4"	9'-7"	9'-11"	400	400	400	400	400	392	341	298	263	233	208
	16	8'-7"	10'-9"	11'-2"	400	400	400	400	400	400	369	324	286	253	226
5.0"	22	5'-1"	6'-10"	6'-11"	400	400	400	397	338	291	252	220	193	170	151
	20	5'-11"	7'-12"	8'-1"	400	400	400	400	400	350	304	266	234	207	184
	18	7'-2"	9'-5"	9'-9"	400	400	400	400	400	400	373	327	288	255	227
	16	8'-4"	10'-6"	10'-11"	400	400	400	400	400	400	400	355	313	278	248
5.75"	22	4'-10"	6'-6"	6'-6"	400	400	400	400	400	366	317	277	243	215	190
	20	5'-7"	7'-6"	7'-7"	400	400	400	400	400	400	383	336	295	262	233
	18	6'-9"	8'-11"	9'-2"	400	400	400	400	400	400	400	400	365	324	289
	16	7'-10"	9'-11"	10'-3"	400	400	400	400	400	400	400	400	398	354	316

- 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.

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

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