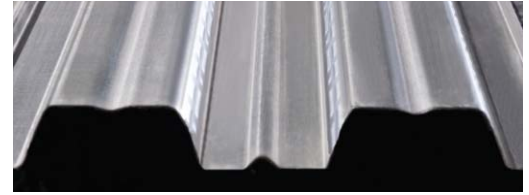
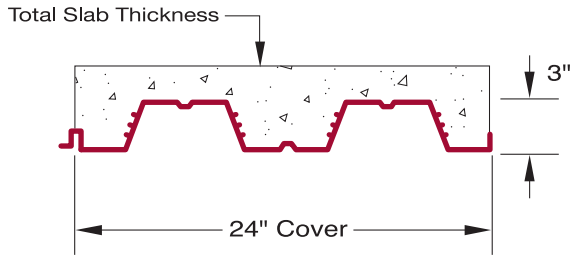


COMPOSITE 3" COMPOSITE DECK LIGHT WEIGHT CONCRETE (115 pcf)



36" Cover and Integral Hangar Tabs also available

Helpful Hint: 3" Composite deck is used when the spans and loads exceed the capabilities of 1-1/2" and 2" Composite deck.

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	1.75	0.7744	0.7467	0.4182	0.4584
20	.0358	2.03	0.9659	0.9396	0.5315	0.5634
18	.0474	2.75	1.2947	1.2659	0.7474	0.7548
16	.0598	3.50	1.6351	1.5984	0.9869	0.9558

- 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	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"	12'-0"	12'-6"	13'-0"	13'-6"	14'-0"
5.5"	22	8'-7"	8'-9"	9'-1"	201	177	157	139	124	111	100	89	80	72	65
	20	9'-11"	12'-4"	12'-9"	244	216	192	171	153	137	124	112	101	91	83
	18	12'-1"	14'-3"	14'-9"	318	283	252	226	203	183	166	150	136	124	113
	16	14'-1"	16'-0"	16'-5"	393	350	312	280	253	229	207	189	172	157	144
6.0"	22	8'-3"	8'-1"	8'-5"	233	205	182	162	145	129	116	104	94	85	76
	20	9'-6"	11'-6"	11'-11"	283	250	222	199	178	160	144	130	118	107	97
	18	11'-6"	13'-9"	14'-2"	369	328	293	262	236	213	193	175	159	145	132
	16	13'-5"	15'-5"	15'-11"	400	400	363	326	294	266	241	220	200	183	168
6.25"	22	8'-1"	7'-9"	8'-1"	249	220	195	174	155	139	125	112	101	91	82
	20	9'-3"	11'-1"	11'-6"	303	268	239	213	191	172	155	140	127	115	104
	18	11'-3"	13'-6"	13'-11"	396	351	314	281	253	228	207	188	171	156	142
	16	13'-1"	15'-1"	15'-7"	400	400	389	350	315	285	259	236	215	197	180
6.5"	22	7'-11"	7'-6"	7'-10"	266	235	209	186	166	149	134	120	108	98	88
	20	9'-1"	10'-8"	11'-1"	324	286	255	228	204	184	166	150	135	123	112
	18	10'-12"	13'-3"	13'-8"	400	376	335	301	270	244	221	201	183	167	152
	16	12'-10"	14'-10"	15'-4"	400	400	400	374	337	305	277	252	230	211	193
7.25"	22	7'-5"	6'-9"	7'-1"	319	282	250	223	200	179	161	145	131	118	107
	20	8'-7"	9'-8"	10'-0"	388	343	306	273	245	221	199	180	163	148	135
	18	10'-4"	12'-7"	12'-12"	400	400	400	361	325	294	266	242	220	201	184
	16	12'-1"	14'-1"	14'-7"	400	400	400	400	400	368	334	304	278	255	234

- 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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