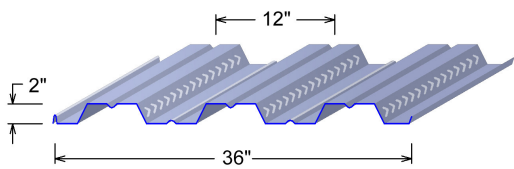


2" COMPOSITE DECK		Sectional Properties				
	Type	Design Thickness	Weight PSF	Ip In. ⁴ /Ft.	Sp In. ³ /Ft.	S _n In. ³ /Ft.
	22	.0295	2.0	0.317	0.257	0.258
	20	.0358	2.3	0.402	0.334	0.337
	18	.0474	3.0	0.557	0.507	0.517
	16	.0600	3.7	0.705	0.659	0.663

Slab Total Thickness	Type	Maximum Unshored Clear Span			Superimposed Live Load-PSF: No Studs												
					Span Feet												
		Single Span	Double Span	Triple Span	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"	12'-0"	12'-6"	
Regular Weight Concrete @ 145 PCF	4-1/2"	22	7'-1"	9'-1"	9'-4"	358	308	266	232	204	179	159	141	125	112	100	90
		20	8'-3"	10'-4"	10'-9"	400	372	323	283	248	220	195	174	155	139	125	113
		18	9'-3"	11'-5"	11'-10"	400	383	332	290	255	226	200	179	160	143	129	116
		16	10'-9"	12'-11"	13'-0"	400	383	332	290	255	226	200	179	160	143	129	116
	5"	22	6'-9"	8'-7"	8'-11"	400	365	316	276	242	213	189	168	149	134	120	107
		20	7'-10"	9'-11"	10'-3"	400	400	383	335	295	261	232	207	185	166	149	135
		18	8'-9"	10'-11"	11'-3"	400	400	394	345	304	269	239	213	191	171	154	139
		16	10'-2"	12'-4"	12'-8"	400	400	394	345	304	269	239	213	191	171	154	139
	5-1/2"	22	6'-5"	8'-3"	8'-7"	400	400	367	320	281	248	220	195	174	156	140	126
		20	7'-5"	9'-6"	9'-10"	400	400	400	390	343	304	270	241	216	194	175	158
		18	8'-4"	10'-5"	10'-9"	400	400	400	400	354	313	279	249	223	200	180	163
		16	9'-8"	11'-10"	12'-3"	400	400	400	400	354	313	279	249	223	200	180	163
	6"	22	6'-2"	7'-11"	8'-2"	400	400	400	366	322	284	252	224	200	179	161	144
		20	7'-2"	9'-1"	9'-5"	400	400	400	400	393	348	309	276	247	222	200	181
		18	8'-0"	10'-0"	10'-4"	400	400	400	400	400	359	320	285	256	230	207	187
		16	9'-3"	11'-4"	11'-9"	400	400	400	400	400	359	320	285	256	230	207	187
	6-1/2"	22	6'-0"	7'-7"	7'-11"	400	400	400	400	363	320	284	253	226	202	182	164
		20	7'-0"	8'-9"	9'-1"	400	400	400	400	400	393	349	312	280	252	227	205
		18	7'-10"	9'-8"	10'-0"	400	400	400	400	400	400	361	323	290	261	235	213
		16	9'-0"	10'-11"	11'-4"	400	400	400	400	400	400	361	323	290	261	235	213
Lightweight Concrete @ 115 PCF	4-1/2"	22	7'-9"	9'-10"	10'-2"	350	302	262	229	201	178	158	141	126	113	102	92
		20	9'-1"	11'-3"	11'-7"	400	363	316	277	244	216	193	172	155	139	122	108
		18	10'-2"	12'-4"	12'-9"	400	371	323	283	249	221	197	176	158	142	128	116
		16	11'-9"	13'-11"	13'-9"	400	371	323	283	249	221	197	176	158	142	128	116
	5"	22	7'-4"	9'-5"	9'-9"	400	358	311	272	240	212	188	168	151	135	122	110
		20	8'-7"	10'-9"	11'-1"	400	400	375	329	290	257	229	205	184	166	150	136
		18	9'-7"	11'-10"	12'-3"	400	400	384	337	297	264	235	210	189	170	154	139
		16	11'-2"	13'-4"	13'-4"	400	400	384	337	297	264	235	210	189	170	154	139
	5-1/4"	22	7'-2"	9'-2"	9'-6"	400	387	337	295	259	230	204	182	163	147	132	119
		20	8'-5"	10'-6"	10'-10"	400	400	400	356	314	279	248	222	200	180	163	147
		18	9'-5"	11'-7"	12'-0"	400	400	400	365	322	285	254	228	205	185	167	151
		16	10'-11"	13'-1"	13'-2"	400	400	400	365	322	285	254	228	205	185	167	151
	5-1/2"	22	7'-0"	9'-0"	9'-4"	400	400	362	317	279	247	220	196	176	158	142	129
		20	8'-3"	10'-4"	10'-8"	400	400	400	383	338	300	268	240	215	194	176	159
		18	9'-2"	11'-4"	11'-9"	400	400	400	393	347	308	275	246	221	199	180	163
		16	10'-8"	12'-10"	13'-0"	400	400	400	393	347	308	275	246	221	199	180	163
	6-1/4"	22	6'-7"	8'-6"	8'-10"	400	400	400	387	341	302	269	240	215	194	175	158
		20	7'-9"	9'-9"	10'-1"	400	400	400	400	400	367	327	293	264	238	215	195
		18	8'-8"	10'-9"	11'-1"	400	400	400	400	400	377	336	301	271	245	221	201
		16	10'-0"	12'-2"	12'-6"	400	400	400	400	400	377	336	301	271	245	221	201

All data taken from manufacturer's catalogs and is presented for estimating purposes only.
 All loads are based on Load and Resistance Factor Design rationale with the exception of web crippling being based on Allowable Stress Design.
 Section properties have been determined in accordance with the American Iron and Steel Institute's Specifications for the Design of Cold Formed Steel Structural Members.
 Revised: 3/8/2006