MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #3					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	595.5	667.5	739.5	811.5	883.5	955.5	1,027.5	1,099.5
Total slab weight (psf)	52.7	58.7	64.8	70.8	76.9	82.9	89.0	95.0
Total moment resistance (kips.ft/ft)	8.6	9.4	10.1	10.9	11.6	12.4	13.2	13.9
Total moment of inertia (in^4)	32.1	37.2	42.8	48.9	55.6	62.8	70.8	79.4
Span (ft)	**Maximum specified load (psf)**							
15.0	151	164	176	189	201	214	226	238
15.5	139	151	162	173	185	196	207	219
16.0	128	139	149	159	170	180	191	201
16.5	118	128	137	147	156	166	175	185
17.0	109	118	127	135	144	153	161	170
17.5	101	109	117	125	133	140	148	156
18.0	93	100	108	115	122	129	137	144
18.5	86	93	99	106	113	119	126	132
19.0	80	86	92	98	104	110	116	122
19.5	74	79	85	90	96	101	107	112
20.0	68	73	78	83	88	93	98	103
20.5	63	67	72	76	81	86	90	95
21.0	58	62	66	70	74	79	83	87
21.5	53	57	61	65	68	72	76	80
22.0	49	53	56	59	63	66	69	73
22.5	45	48	51	54	57	60	63	66
23.0	42	44	47	50	52	55	58	61
23.5	38	41	43	45	48	50	53	55
24.0	35	37	39	41	44	46	48	50
24.5	32	34	36	38	39	41	43	45
25.0	29	31	32	34	36	37	39	40
25.5	27	28	29	31	32	33	35	36
26.0	24	25	26	27	29	30	31	32
26.5	22	23	24	24	25	26	27	28
27.0		20	21	22	22	23	24	24
27.5							20	21
28.0								
28.5								
29.0								
29.5								
30.0								
30.5								
31.0								
31.5								
32.0								
32.5								

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #4					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	595.5	667.5	739.5	811.5	883.5	955.5	1,027.5	1,099.5
Total slab weight (psf)	52.8	58.9	64.9	71.0	77.0	83.1	89.1	95.1
Total moment resistance (kips.ft/ft)	10.0	10.9	11.7	12.6	13.4	14.3	15.2	16.0
Total moment of inertia (in^4)	33.7	39.1	44.9	51.2	58.1	65.7	73.9	82.8
Span (ft)	**Maximum specified load (psf)**							
15.0	183	198	212	227	241	256	270	284
15.5	169	182	196	209	222	235	249	262
16.0	156	168	181	193	205	217	229	241
16.5	145	156	167	178	189	200	212	223
17.0	134	144	154	165	175	185	195	206
17.5	124	134	143	152	162	171	181	190
18.0	115	124	132	141	150	158	167	176
18.5	107	115	123	131	139	147	155	163
19.0	99	107	114	121	129	136	143	150
19.5	92	99	106	112	119	126	133	139
20.0	86	92	98	104	110	117	123	129
20.5	80	85	91	97	102	108	114	119
21.0	74	79	84	90	95	100	105	110
21.5	69	74	78	83	88	92	97	102
22.0	64	68	73	77	81	86	90	94
22.5	59	63	67	71	75	79	83	87
23.0	55	59	62	66	69	73	76	80
23.5	51	54	58	61	64	67	70	74
24.0	47	50	53	56	59	62	65	68
24.5	44	47	49	52	54	57	59	62
25.0	41	43	45	48	50	52	54	57
25.5	38	40	42	44	46	48	50	52
26.0	35	36	38	40	42	44	45	47
26.5	32	33	35	36	38	40	41	43
27.0	29	31	32	33	35	36	37	39
27.5	27	28	29	30	31	32	33	35
28.0	24	25	26	27	28	29	30	31
28.5	22	23	24	24	25	26	27	27
29.0		21	21	22	22	23	23	24
29.5							20	21
30.0								
30.5								
31.0								
31.5								
32.0								
32.5								

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #5					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	595.4	667.4	739.4	811.4	883.4	955.4	1,027.4	1,099.4
Total slab weight (psf)	53.0	59.1	65.1	71.2	77.2	83.2	89.3	95.3
Total moment resistance (kips.ft/ft)	11.8	12.8	13.8	14.7	15.7	16.7	17.7	18.6
Total moment of inertia (in^4)	35.7	41.3	47.4	54.1	61.3	69.1	77.6	86.9
Span (ft)	**Maximum specified load (psf)**							
15.0	223	240	257	274	291	308	326	343
15.5	206	222	238	254	269	285	301	316
16.0	191	206	220	235	249	264	278	292
16.5	178	191	204	217	231	244	257	271
17.0	165	177	189	202	214	226	239	251
17.5	153	165	176	187	199	210	221	233
18.0	143	153	164	174	185	195	206	216
18.5	133	143	152	162	172	181	191	201
19.0	124	133	142	151	160	169	178	187
19.5	116	124	132	141	149	157	165	174
20.0	108	116	123	131	139	146	154	161
20.5	101	108	115	122	129	136	143	150
21.0	94	101	107	114	120	127	133	140
21.5	88	94	100	106	112	118	124	130
22.0	82	88	94	99	105	110	116	121
22.5	77	82	87	92	97	102	108	113
23.0	72	77	81	86	91	95	100	105
23.5	67	72	76	80	84	89	93	97
24.0	63	67	71	75	79	83	86	90
24.5	59	62	66	70	73	77	80	84
25.0	55	58	61	65	68	71	74	78
25.5	51	54	57	60	63	66	69	72
26.0	48	50	53	56	58	61	64	66
26.5	45	47	49	52	54	56	59	61
27.0	41	44	46	48	50	52	54	56
27.5	39	40	42	44	46	48	50	52
28.0	36	37	39	41	42	44	46	47
28.5	33	35	36	37	39	40	42	43
29.0	31	32	33	34	36	37	38	39
29.5	28	29	30	31	32	34	35	36
30.0	26	27	28	29	29	30	31	32
30.5	24	25	25	26	27	27	28	29
31.0	22	22	23	23	24	24	25	26
31.5		20	21	21	21	22	22	22
32.0								
32.5								

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #6					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	595.3	667.3	739.3	811.3	883.3	955.3	1,027.3	1,099.3
Total slab weight (psf)	53.3	59.3	65.3	71.4	77.4	83.5	89.5	95.5
Total moment resistance (kips.ft/ft)	14.0	15.1	16.2	17.3	18.4	19.5	20.7	21.8
Total moment of inertia (in^4)	37.9	43.9	50.3	57.3	64.9	73.1	82.1	91.8
Span (ft)	**Maximum specified load (psf)**							
15.0	271	291	311	331	352	372	392	412
15.5	251	270	288	307	326	344	363	382
16.0	233	250	267	285	302	319	336	354
16.5	217	233	249	265	280	296	312	328
17.0	202	217	231	246	261	276	290	305
17.5	188	202	216	229	243	257	270	284
18.0	176	188	201	214	226	239	252	264
18.5	164	176	188	199	211	223	235	247
19.0	154	165	175	186	197	208	219	230
19.5	144	154	164	174	184	194	205	215
20.0	135	144	154	163	172	182	191	201
20.5	126	135	144	153	161	170	179	188
21.0	119	127	135	143	151	159	167	175
21.5	111	119	126	134	141	149	156	164
22.0	104	111	118	125	132	139	146	153
22.5	98	105	111	118	124	131	137	144
23.0	92	98	104	110	116	122	128	134
23.5	87	92	98	103	109	114	120	126
24.0	81	87	92	97	102	107	112	117
24.5	76	81	86	91	96	100	105	110
25.0	72	76	81	85	89	94	98	103
25.5	68	72	76	80	84	88	92	96
26.0	63	67	71	75	78	82	86	89
26.5	60	63	66	70	73	77	80	83
27.0	56	59	62	65	68	72	75	78
27.5	52	55	58	61	64	67	70	72
28.0	49	52	54	57	60	62	65	67
28.5	46	48	51	53	55	58	60	62
29.0	43	45	47	49	52	54	56	58
29.5	40	42	44	46	48	50	52	54
30.0	38	39	41	43	44	46	48	49
30.5	35	37	38	40	41	43	44	45
31.0	33	34	35	37	38	39	40	42
31.5	31	32	33	34	35	36	37	38
32.0	28	29	30	31	32	33	34	35
32.5	26	27	28	29	29	30	31	32

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #7					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	595.3	667.3	739.3	811.3	883.3	955.3	1,027.3	1,099.3
Total slab weight (psf)	53.5	59.6	65.6	71.6	77.7	83.7	89.8	95.8
Total moment resistance (kips.ft/ft)	16.4	17.7	19.0	20.3	21.6	22.8	24.1	25.4
Total moment of inertia (in^4)	40.4	46.8	53.6	61.0	69.0	77.6	87.0	97.2
Span (ft)	**Maximum specified load (psf)**							
15.0	325	349	373	397	421	445	469	493
15.5	302	324	346	368	390	413	435	457
16.0	281	301	322	342	363	383	404	425
16.5	261	281	300	319	338	357	376	395
17.0	244	262	279	297	315	332	350	368
17.5	228	244	261	277	294	310	327	343
18.0	213	229	244	259	275	290	305	320
18.5	200	214	228	243	257	271	285	299
19.0	187	201	214	227	240	254	267	280
19.5	176	188	201	213	225	238	250	262
20.0	165	177	188	200	211	223	234	246
20.5	155	166	177	188	198	209	220	231
21.0	146	156	166	176	186	196	206	216
21.5	138	147	156	166	175	184	194	203
22.0	130	138	147	156	165	173	182	191
22.5	122	130	138	147	155	163	171	179
23.0	115	123	130	138	146	153	161	168
23.5	109	116	123	130	137	144	151	158
24.0	102	109	116	122	129	136	142	149
24.5	97	103	109	115	121	128	134	140
25.0	91	97	103	109	114	120	126	132
25.5	86	92	97	102	108	113	118	124
26.0	81	86	91	96	101	106	111	116
26.5	77	81	86	91	95	100	105	109
27.0	73	77	81	85	90	94	98	103
27.5	68	72	76	80	84	88	92	96
28.0	65	68	72	76	79	83	87	90
28.5	61	64	68	71	75	78	81	85
29.0	58	61	64	67	70	73	76	79
29.5	54	57	60	63	66	69	71	74
30.0	51	54	56	59	62	64	67	69
30.5	48	51	53	55	58	60	62	65
31.0	45	48	50	52	54	56	58	60
31.5	43	45	47	49	50	52	54	56
32.0	40	42	44	45	47	49	51	52
32.5	38	39	41	42	44	45	47	49

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN
COMPOSITE FLOORING SYSTEM

Steel Deck Thickness 0.0375 in
Nominal Rebar Size #8

Load Tables

Load Resistance Factor Design

Imperial

Slab thickness (in)	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	595.2	667.2	739.2	811.2	883.2	955.2	1,027.2	1,099.2
Total slab weight (psf)	53.8	59.9	65.9	71.9	78.0	84.0	90.1	96.1
Total moment resistance (kips.ft/ft)	19.1	20.6	22.1	23.6	25.1	26.5	28.0	29.5
Total moment of inertia (in^4)	43.1	49.8	57.1	64.9	73.4	82.5	92.4	103.1
Span (ft)	**Maximum specified load (psf)**							
15.0	385	413	442	470	499	527	555	584
15.5	358	384	411	437	463	490	516	542
16.0	334	358	382	407	431	456	480	504
16.5	311	334	357	379	402	425	447	470
17.0	291	312	333	354	375	396	417	439
17.5	272	292	312	331	351	370	390	410
18.0	255	273	292	310	328	347	365	383
18.5	239	256	274	291	308	325	342	359
19.0	225	241	257	273	289	305	321	337
19.5	211	226	241	256	271	286	301	316
20.0	199	213	227	241	255	269	283	297
20.5	187	201	214	227	240	253	266	279
21.0	177	189	201	214	226	238	250	263
21.5	167	178	190	201	213	224	236	247
22.0	157	168	179	190	201	211	222	233
22.5	149	159	169	179	189	199	209	219
23.0	141	150	160	169	179	188	197	207
23.5	133	142	151	160	169	177	186	195
24.0	126	134	143	151	159	168	176	184
24.5	119	127	135	143	150	158	166	174
25.0	113	120	128	135	142	149	157	164
25.5	107	114	121	127	134	141	148	155
26.0	101	108	114	121	127	133	140	146
26.5	96	102	108	114	120	126	132	138
27.0	91	97	102	108	114	119	125	130
27.5	86	92	97	102	107	113	118	123
28.0	82	87	92	97	101	106	111	116
28.5	78	82	87	91	96	100	105	110
29.0	74	78	82	86	91	95	99	103
29.5	70	74	78	82	86	90	94	98
30.0	66	70	73	77	81	85	88	92
30.5	63	66	69	73	76	80	83	87
31.0	59	63	66	69	72	75	78	82
31.5	56	59	62	65	68	71	74	77
32.0	53	56	59	61	64	67	69	72
32.5	50	53	55	58	60	63	65	68

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #9					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	595.1	667.1	739.1	811.1	883.1	955.1	1,027.1	1,099.1
Total slab weight (psf)	54.2	60.2	66.3	72.3	78.3	84.4	90.4	96.5
Total moment resistance (kips.ft/ft)	22.2	23.9	25.6	27.3	29.0	30.7	32.4	34.1
Total moment of inertia (in^4)	46.0	53.1	60.9	69.2	78.2	87.9	98.3	109.6
Span (ft)	**Maximum specified load (psf)**							
15.0	452	486	519	553	586	619	653	686
15.5	421	452	483	514	545	576	607	638
16.0	393	422	450	479	508	537	566	594
16.5	367	394	421	447	474	501	528	555
17.0	343	368	393	418	443	468	493	518
17.5	322	345	368	392	415	438	462	485
18.0	302	324	345	367	389	411	433	455
18.5	284	304	324	345	365	386	406	426
19.0	267	286	305	324	343	362	381	401
19.5	251	269	287	305	323	341	359	377
20.0	237	254	270	287	304	321	338	354
20.5	223	239	255	271	287	302	318	334
21.0	211	226	241	255	270	285	300	315
21.5	199	213	227	241	255	269	283	297
22.0	189	202	215	228	241	254	267	280
22.5	176.4d	191	203	216	228	240	253	265
23.0	165.1d	181	192	204	216	227	239	250
23.5	154.8d	171	182	193	204	215	226	237
24.0	145.3d	162	173	183	193	203	214	224
24.5	136.6d	154	164	173	183	193	202	212
25.0	128.6d	146	155	164	173	183	192	201
25.5	121.2d	139	147	156	164	173	182	190
26.0	114.3d	132	140	148	156	164	172	180
26.5	108d	124.9d	133	140	148	156	163	171
27.0	102.1d	118.1d	126	133	140	148	155	162
27.5	96.6d	111.7d	120	126	133	140	147	153
28.0	91.5d	105.9d	114	120	126	133	139	145
28.5	86.8d	100.4d	108	114	120	126	132	138
29.0	82.4d	95.3d	103	108	114	119	125	131
29.5	78.3d	90.5d	97	103	108	113	119	124
30.0	74.4d	86.1d	93	98	103	107	112	117
30.5	70.8d	81.9d	88	93	97	102	107	111
31.0	67.5d	78d	84	88	92	97	101	105
31.5	64.3d	74.4d	79	83	88	92	96	100
32.0	61.3d	70.9d	75	79	83	87	91	94
32.5	58.6d	67.7d	72	75	79	82	86	89

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #10					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	594.9	666.9	738.9	810.9	882.9	954.9	1,026.9	1,098.9
Total slab weight (psf)	54.6	60.7	66.7	72.7	78.8	84.8	90.9	96.9
Total moment resistance (kips.ft/ft)	25.8	27.8	29.8	31.8	33.8	35.8	37.7	39.7
Total moment of inertia (in^4)	49.2	56.9	65.2	74.1	83.7	94.1	105.2	117.3
Span (ft)	**Maximum specified load (psf)**							
15.0	532	572	612	651	691	731	771	810
15.5	496	533	570	607	644	681	717	754
16.0	463	497	532	566	600	635	669	703
16.5	433	465	497	529	561	593	625	657
17.0	405	435	465	495	525	555	585	615
17.5	380	408	436	464	492	520	548	576
18.0	357	383	410	436	462	488	514	541
18.5	336	360	385	410	434	459	483	508
19.0	313.7d	339	362	386	409	432	455	478
19.5	290.2d	320	342	363	385	407	428	450
20.0	268.9d	302	322	343	363	383	404	424
20.5	249.7d	285	304	323	343	362	381	400
21.0	232.3d	268.8d	288	306	324	342	360	378
21.5	216.5d	250.5d	272	289	306	323	340	357
22.0	202.1d	233.8d	258	274	290	306	322	338
22.5	188.9d	218.6d	244	259	274	290	305	320
23.0	176.8d	204.6d	231	246	260	274	289	303
23.5	165.8d	191.8d	220	233	247	260	274	287
24.0	155.7d	180.1d	206.3d	221	234	247	260	272
24.5	146.3d	169.3d	193.9d	210	222	234	246	258
25.0	137.7d	159.3d	182.5d	200	211	222	234	245
25.5	129.8d	150.2d	172d	190	201	211	222	233
26.0	122.4d	141.7d	162.3d	180	191	201	211	221
26.5	115.6d	133.8d	153.2d	172	181	191	201	210
27.0	109.3d	126.5d	144.9d	163	173	182	191	200
27.5	103.5d	119.7d	137.1d	156	164	173	181	190
28.0	98d	113.4d	129.9d	147.7d	156	164	173	181
28.5	93d	107.6d	123.2d	140d	149	157	164	172
29.0	88.2d	102.1d	116.9d	132.9d	142	149	156	164
29.5	83.8d	97d	111.1d	126.3d	135	142	149	156
30.0	79.7d	92.2d	105.6d	120.1d	129	135	142	148
30.5	75.9d	87.8d	100.5d	114.3d	122	129	135	141
31.0	72.3d	83.6d	95.7d	108.8d	117	122	128	134
31.5	68.9d	79.7d	91.3d	103.7d	111	117	122	128
32.0	65.7d	76d	87.1d	98.9d	106	111	116	121
32.5	62.7d	72.6d	83.1d	94.4d	101	106	111	116

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0375 in Nominal Rebar Size #11					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	15.8	15.2	14.7	14.3	13.9	13.5	13.2	12.8
Concrete volume (in^3/ft^2)	594.8	666.8	738.8	810.8	882.8	954.8	1,026.8	1,098.8
Total slab weight (psf)	55.1	61.2	67.2	73.2	79.3	85.3	91.4	97.4
Total moment resistance (kips.ft/ft)	29.5	31.8	34.1	36.4	38.8	41.1	43.4	45.7
Total moment of inertia (in^4)	52.5	60.8	69.6	79.2	89.4	100.5	112.3	125.1
Span (ft)	**Maximum specified load (psf)**							
15.0	615	662	708	755	802	849	895	942
15.5	573	617	660	704	747	791	834	877
16.0	536	576	617	657	698	738	779	819
16.5	501	539	577	615	652	690	728	766
17.0	466.9d	505	540	576	611	646	682	717
17.5	428d	474	507	540	573	606	640	673
18.0	393.3d	446	477	508	539	570	601	632
18.5	362.3d	419	448	478	507	536	565	594
19.0	334.5d	387.3d	423	450	477	505	532	560
19.5	309.4d	358.2d	399	424	450	476	502	528
20.0	286.8d	332d	376	401	425	449	474	498
20.5	266.3d	308.3d	353.3d	379	402	425	447	470
21.0	247.7d	286.8d	328.7d	358	380	402	423	445
21.5	230.8d	267.3d	306.3d	339	360	380	401	421
22.0	215.5d	249.5d	285.9d	322	341	360	380	399
22.5	201.4d	233.2d	267.3d	303.8d	323	342	360	378
23.0	188.6d	218.3d	250.2d	284.5d	307	324	341	359
23.5	176.8d	204.7d	234.6d	266.7d	292	308	324	341
24.0	166d	192.2d	220.2d	250.4d	277	293	308	323
24.5	156d	180.6d	207d	235.3d	263	278	293	307
25.0	146.8d	170d	194.8d	221.5d	250.2d	265	278	292
25.5	138.4d	160.2d	183.6d	208.7d	235.8d	252	265	278
26.0	130.6d	151.2d	173.2d	196.9d	222.4d	240	252	265
26.5	123.3d	142.8d	163.6d	186d	210.1d	228	240	252
27.0	116.6d	135d	154.7d	175.9d	198.6d	218	229	240
27.5	110.3d	127.8d	146.4d	166.4d	188d	208	218	229
28.0	104.5d	121d	138.7d	157.7d	178.1d	198	208	218
28.5	99.1d	114.8d	131.5d	149.5d	168.9d	189	199	208
29.0	94.1d	108.9d	124.8d	141.9d	160.3d	180.1d	189	199
29.5	89.4d	103.5d	118.6d	134.8d	152.3d	171.1d	181	189
30.0	85d	98.4d	112.8d	128.2d	144.8d	162.7d	172	181
30.5	80.9d	93.7d	107.3d	122d	137.8d	154.8d	165	173
31.0	77d	89.2d	102.2d	116.2d	131.2d	147.4d	157	165
31.5	73.4d	85d	97.4d	110.8d	125.1d	140.5d	150	157
32.0	70d	81.1d	92.9d	105.6d	119.3d	134d	143	150
32.5	66.9d	77.4d	88.7d	100.9d	113.9d	128d	137	143

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #3					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	595.5	667.5	739.5	811.5	883.5	955.5	1,027.5	1,099.5
Total slab weight (psf)	53.1	59.2	65.2	71.2	77.3	83.3	89.4	95.4
Total moment resistance (kips.ft/ft)	10.0	10.9	11.8	12.7	13.7	14.6	15.5	16.4
Total moment of inertia (in^4)	32.8	38.1	43.9	50.2	57.1	64.7	72.9	81.8
Span (ft)	**Maximum specified load (psf)**							
15.0	182	198	214	230	246	261	277	293
15.5	168	183	197	212	226	241	255	270
16.0	156	169	182	195	209	222	235	249
16.5	144	156	168	181	193	205	217	230
17.0	133	145	156	167	178	190	201	212
17.5	124	134	144	155	165	175	186	196
18.0	115	124	134	143	153	162	172	182
18.5	106	115	124	133	142	150	159	168
19.0	99	107	115	123	131	139	147	156
19.5	92	99	107	114	122	129	137	144
20.0	85	92	99	106	113	120	127	133
20.5	79	86	92	98	105	111	117	124
21.0	74	79	85	91	97	103	109	114
21.5	68	74	79	84	90	95	101	106
22.0	64	68	73	78	83	88	93	98
22.5	59	64	68	72	77	81	86	90
23.0	55	59	63	67	71	75	79	83
23.5	51	55	58	62	66	69	73	77
24.0	47	50	54	57	61	64	67	71
24.5	44	47	50	53	56	59	62	65
25.0	40	43	46	49	51	54	57	60
25.5	37	40	42	45	47	50	52	55
26.0	34	36	39	41	43	45	48	50
26.5	31	33	35	37	39	41	43	45
27.0	29	31	32	34	36	38	39	41
27.5	26	28	29	31	32	34	35	37
28.0	24	25	27	28	29	31	32	33
28.5	22	23	24	25	26	27	28	29
29.0		21	22	22	23	24	25	26
29.5					21	21	22	23
30.0								
30.5								
31.0								
31.5								
32.0								
32.5								

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #4					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	595.5	667.5	739.5	811.5	883.5	955.5	1,027.5	1,099.5
Total slab weight (psf)	53.3	59.3	65.3	71.4	77.4	83.5	89.5	95.5
Total moment resistance (kips.ft/ft)	11.4	12.4	13.4	14.4	15.4	16.4	17.4	18.4
Total moment of inertia (in^4)	34.4	39.9	46.0	52.5	59.6	67.4	75.9	85.1
Span (ft)	**Maximum specified load (psf)**							
15.0	214	232	249	267	285	303	320	338
15.5	198	214	230	247	263	280	296	312
16.0	183	198	213	228	243	258	274	289
16.5	170	184	198	211	225	239	253	267
17.0	158	170	183	196	209	222	235	248
17.5	146	158	170	182	194	206	218	230
18.0	136	147	158	169	180	191	202	213
18.5	127	137	147	157	167	178	188	198
19.0	118	128	137	146	156	165	174	184
19.5	110	119	128	136	145	154	162	171
20.0	103	111	119	127	135	143	151	159
20.5	96	103	111	118	126	133	140	148
21.0	90	96	103	110	117	124	131	138
21.5	84	90	96	103	109	115	122	128
22.0	78	84	90	96	101	107	113	119
22.5	73	78	84	89	94	100	105	111
23.0	68	73	78	83	88	93	98	103
23.5	63	68	73	77	82	86	91	95
24.0	59	63	68	72	76	80	84	89
24.5	55	59	63	67	71	74	78	82
25.0	51	55	58	62	65	69	72	76
25.5	48	51	54	57	61	64	67	70
26.0	45	47	50	53	56	59	62	65
26.5	41	44	47	49	52	55	57	60
27.0	38	41	43	45	48	50	53	55
27.5	36	38	40	42	44	46	48	50
28.0	33	35	37	39	40	42	44	46
28.5	30	32	34	35	37	39	40	42
29.0	28	29	31	32	34	35	37	38
29.5	26	27	28	29	31	32	33	34
30.0	24	25	26	27	28	29	30	31
30.5	21	22	23	24	25	26	27	28
31.0		20	21	22	22	23	24	24
31.5						20	21	21
32.0								
32.5								

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #5					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	595.4	667.4	739.4	811.4	883.4	955.4	1,027.4	1,099.4
Total slab weight (psf)	53.4	59.5	65.5	71.6	77.6	83.6	89.7	95.7
Total moment resistance (kips.ft/ft)	13.2	14.3	15.4	16.5	17.7	18.8	19.9	21.0
Total moment of inertia (in^4)	36.3	42.1	48.4	55.3	62.7	70.8	79.6	89.2
Span (ft)	**Maximum specified load (psf)**							
15.0	253	273	294	314	335	355	375	396
15.5	234	253	272	291	310	328	347	366
16.0	217	235	252	270	287	304	322	339
16.5	202	218	234	250	266	282	299	315
17.0	188	203	218	233	248	262	277	292
17.5	175	189	203	217	230	244	258	272
18.0	163	176	189	202	215	227	240	253
18.5	153	164	176	188	200	212	224	236
19.0	143	154	165	176	187	198	209	220
19.5	133	144	154	164	174	184	195	205
20.0	125	134	144	153	163	172	182	191
20.5	117	126	134	143	152	161	170	179
21.0	109	118	126	134	142	150	159	167
21.5	103	110	118	125	133	141	148	156
22.0	96	103	110	117	124	131	139	146
22.5	90	97	103	110	116	123	129	136
23.0	85	91	97	103	109	115	121	127
23.5	79	85	91	96	102	107	113	119
24.0	74	80	85	90	95	100	106	111
24.5	70	75	79	84	89	94	99	104
25.0	65	70	74	79	83	88	92	97
25.5	61	65	70	74	78	82	86	90
26.0	58	61	65	69	73	76	80	84
26.5	54	57	61	64	68	71	75	78
27.0	50	54	57	60	63	66	69	73
27.5	47	50	53	56	59	62	64	67
28.0	44	47	49	52	55	57	60	62
28.5	41	44	46	48	51	53	55	58
29.0	38	41	43	45	47	49	51	53
29.5	36	38	40	41	43	45	47	49
30.0	33	35	37	38	40	42	43	45
30.5	31	32	34	35	37	38	40	41
31.0	29	30	31	33	34	35	36	38
31.5	26	28	29	30	31	32	33	34
32.0	24	25	26	27	28	29	30	31
32.5	22	23	24	25	26	26	27	28

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #6					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	595.3	667.3	739.3	811.3	883.3	955.3	1,027.3	1,099.3
Total slab weight (psf)	53.7	59.7	65.7	71.8	77.8	83.9	89.9	96.0
Total moment resistance (kips.ft/ft)	15.3	16.5	17.8	19.1	20.3	21.6	22.9	24.1
Total moment of inertia (in^4)	38.5	44.7	51.3	58.5	66.3	74.8	84.0	93.9
Span (ft)	**Maximum specified load (psf)**							
15.0	299	323	347	370	394	417	441	465
15.5	278	300	321	343	365	387	409	431
16.0	258	279	299	319	339	359	379	400
16.5	241	259	278	297	315	334	353	371
17.0	224	242	259	276	294	311	328	346
17.5	209	225	242	258	274	290	306	322
18.0	196	211	226	241	256	271	286	301
18.5	183	197	211	225	239	253	267	281
19.0	172	185	197	210	223	236	249	262
19.5	161	173	185	197	209	221	233	246
20.0	151	162	173	185	196	207	219	230
20.5	142	152	163	173	184	194	205	215
21.0	133	143	153	163	172	182	192	202
21.5	125	134	143	153	162	171	180	189
22.0	118	126	135	143	152	160	169	178
22.5	111	119	127	135	143	151	159	167
23.0	104	112	119	127	134	141	149	156
23.5	98	105	112	119	126	133	140	147
24.0	93	99	105	112	118	125	131	138
24.5	87	93	99	105	111	117	123	129
25.0	82	88	93	99	104	110	116	121
25.5	77	83	88	93	98	103	109	114
26.0	73	78	83	87	92	97	102	107
26.5	69	73	78	82	87	91	96	100
27.0	65	69	73	77	81	85	90	94
27.5	61	65	69	72	76	80	84	88
28.0	57	61	64	68	71	75	79	82
28.5	54	57	60	64	67	70	73	77
29.0	51	54	57	60	63	66	69	72
29.5	48	50	53	56	59	61	64	67
30.0	45	47	50	52	55	57	60	62
30.5	42	44	47	49	51	53	56	58
31.0	39	41	43	46	48	50	52	54
31.5	37	39	41	42	44	46	48	50
32.0	34	36	38	39	41	43	44	46
32.5	32	34	35	37	38	39	41	42

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #7					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	595.3	667.3	739.3	811.3	883.3	955.3	1,027.3	1,099.3
Total slab weight (psf)	53.9	60.0	66.0	72.1	78.1	84.1	90.2	96.2
Total moment resistance (kips.ft/ft)	17.7	19.1	20.6	22.0	23.4	24.9	26.3	27.7
Total moment of inertia (in^4)	41.0	47.5	54.5	62.1	70.3	79.2	88.8	99.3
Span (ft)	**Maximum specified load (psf)**							
15.0	353	380	407	435	462	489	517	544
15.5	328	353	378	404	429	454	480	505
16.0	305	329	352	376	399	423	446	470
16.5	284	306	328	350	372	394	415	437
17.0	266	286	306	327	347	367	387	408
17.5	248	267	286	305	324	343	362	381
18.0	233	250	268	285	303	321	338	356
18.5	218	234	251	267	284	300	317	333
19.0	205	220	235	251	266	281	297	312
19.5	192	207	221	235	250	264	278	293
20.0	181	194	208	221	234	248	261	275
20.5	170	183	195	208	220	233	245	258
21.0	160	172	184	195	207	219	231	242
21.5	151	162	173	184	195	206	217	228
22.0	142	153	163	173	184	194	204	214
22.5	134	144	154	163	173	183	192	202
23.0	127	136	145	154	163	172	181	190
23.5	120	128	137	145	154	162	171	179
24.0	113	121	129	137	145	153	161	169
24.5	107	114	122	129	137	144	152	159
25.0	101	108	115	122	129	136	143	150
25.5	96	102	109	115	122	128	135	141
26.0	90	97	103	109	115	121	127	133
26.5	86	91	97	103	108	114	120	125
27.0	81	86	92	97	102	108	113	118
27.5	77	82	86	91	96	101	106	111
28.0	72	77	82	86	91	96	100	105
28.5	69	73	77	81	86	90	94	99
29.0	65	69	73	77	81	85	89	93
29.5	61	65	69	72	76	80	84	87
30.0	58	61	65	68	72	75	79	82
30.5	55	58	61	64	67	71	74	77
31.0	52	55	58	60	63	66	69	72
31.5	49	51	54	57	60	62	65	68
32.0	46	48	51	53	56	58	61	63
32.5	43	46	48	50	52	55	57	59

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #8					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	595.2	667.2	739.2	811.2	883.2	955.2	1,027.2	1,099.2
Total slab weight (psf)	54.2	60.3	66.3	72.4	78.4	84.4	90.5	96.5
Total moment resistance (kips.ft/ft)	20.4	22.0	23.6	25.3	26.9	28.5	30.1	31.8
Total moment of inertia (in^4)	43.6	50.5	57.9	65.9	74.6	84.0	94.1	105.1
Span (ft)	**Maximum specified load (psf)**							
15.0	412	444	475	507	539	570	602	634
15.5	383	413	442	471	501	530	560	589
16.0	357	384	412	439	466	494	521	548
16.5	333	359	384	410	435	460	486	511
17.0	312	335	359	383	406	430	454	477
17.5	292	314	336	358	380	402	424	446
18.0	274	294	315	336	356	377	397	418
18.5	257	276	295	315	334	353	373	392
19.0	241	259	278	296	314	332	350	368
19.5	227	244	261	278	295	312	329	345
20.0	214	230	246	261	277	293	309	325
20.5	202	217	231	246	261	276	291	306
21.0	190	204	218	232	246	260	274	288
21.5	180	193	206	219	232	245	258	271
22.0	170	182	194	207	219	231	244	256
22.5	161	172	184	195	207	218	230	242
23.0	152	163	174	184	195	206	217	228
23.5	144	154	164	174	185	195	205	215
24.0	136	146	155	165	175	184	194	204
24.5	129	138	147	156	165	174	183	192
25.0	122d	131	139	148	156	165	173	182
25.5	114.9d	124	132	140	148	156	164	172
26.0	108.4d	118	125	133	140	148	155	163
26.5	102.4d	111	119	126	133	140	147	154
27.0	96.8d	106	112	119	126	132	139	146
27.5	91.6d	100	107	113	119	125	132	138
28.0	86.8d	95	101	107	113	119	124	130
28.5	82.3d	90	96	101	107	112	118	123
29.0	78.2d	86	91	96	101	106	111	117
29.5	74.2d	81	86	91	96	101	105	110
30.0	70.6d	77	82	86	91	95	100	104
30.5	67.2d	73	77	82	86	90	94	98
31.0	64d	69	73	77	81	85	89	93
31.5	61d	66	69	73	77	80	84	88
32.0	58.2d	62	66	69	73	76	79	83
32.5	55.5d	59	62	65	69	72	75	78

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN
COMPOSITE FLOORING SYSTEM

Steel Deck Thickness 0.0435 in
Nominal Rebar Size #9

Load Tables

Load Resistance Factor Design

Imperial

Slab thickness (in)	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	595.1	667.1	739.1	811.1	883.1	955.1	1,027.1	1,099.1
Total slab weight (psf)	54.6	60.6	66.7	72.7	78.8	84.8	90.8	96.9
Total moment resistance (kips.ft/ft)	23.3	25.2	27.1	28.9	30.8	32.6	34.5	36.3
Total moment of inertia (in^4)	46.4	53.7	61.6	70.1	79.3	89.2	99.9	111.5
Span (ft)	**Maximum specified load (psf)**							
15.0	478	514	551	588	625	661	698	735
15.5	445	479	513	547	581	615	650	684
16.0	415	447	478	510	542	574	605	637
16.5	388	417	447	476	506	536	565	595
17.0	363	391	418	446	473	501	529	556
17.5	340	366	392	418	443	469	495	521
18.0	319	343	368	392	416	440	464	488
18.5	300	323	345	368	391	413	436	458
19.0	282	304	325	346	367	388	410	431
19.5	266	286	306	326	346	365	385	405
20.0	251	270	288	307	326	344	363	382
20.5	235.4d	254	272	290	307	325	342	360
21.0	219d	240	257	273	290	306	323	339
21.5	204.1d	227	243	258	274	289	305	321
22.0	190.5d	215	230	244	259	274	288	303
22.5	178.1d	203	217	231	245	259	273	286
23.0	166.7d	193	206	219	232	245	258	271
23.5	156.3d	181d	195	207	220	232	244	256
24.0	146.8d	170d	185	197	208	220	231	243
24.5	138d	159.8d	175	186	197	208	219	230
25.0	129.8d	150.4d	167	177	187	198	208	218
25.5	122.4d	141.7d	158	168	178	187	197	207
26.0	115.4d	133.7d	150	159	169	178	187	196
26.5	109d	126.3d	143	151	160	169	177	186
27.0	103.1d	119.4d	136	144	152	160	168	177
27.5	97.6d	113d	129	137	144	152	160	168
28.0	92.4d	107.1d	123	130	137	145	152	159
28.5	87.7d	101.5d	116.4d	124	130	137	144	151
29.0	83.2d	96.4d	110.5d	117	124	130	137	143
29.5	79d	91.5d	105d	112	118	124	130	136
30.0	75.2d	87d	99.8d	106	112	118	124	129
30.5	71.5d	82.8d	95d	101	106	112	117	123
31.0	68.1d	78.9d	90.5d	96	101	106	111	117
31.5	64.9d	75.2d	86.2d	91	96	101	106	111
32.0	61.9d	71.7d	82	87	91	96	100	105
32.5	59.1d	68.5d	78	82	87	91	95	99

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #10					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	594.9	666.9	738.9	810.9	882.9	954.9	1,026.9	1,098.9
Total slab weight (psf)	55.0	61.1	67.1	73.2	79.2	85.2	91.3	97.3
Total moment resistance (kips.ft/ft)	26.9	29.0	31.2	33.3	35.4	37.6	39.7	41.9
Total moment of inertia (in^4)	49.6	57.5	65.9	75.0	84.8	95.4	106.8	119.0
Span (ft)	**Maximum specified load (psf)**							
15.0	556	599	642	685	728	771	814	857
15.5	518	558	598	638	678	718	758	798
16.0	484	521	558	596	633	670	707	745
16.5	452	487	522	557	591	626	661	696
17.0	424	456	489	521	554	586	619	651
17.5	397	428	458	489	519	550	580	611
18.0	371.9d	402	431	459	488	516	545	573
18.5	342.6d	378	405	432	458	485	512	539
19.0	316.3d	356	381	406	432	457	482	507
19.5	292.5d	336	359	383	407	430	454	478
20.0	271.2d	314.1d	339	361	384	406	428	450
20.5	251.8d	291.7d	320	341	362	383	404	425
21.0	234.2d	271.4d	303	323	342	362	382	402
21.5	218.3d	252.9d	287	305	324	343	361	380
22.0	203.7d	236d	270.7d	289	307	324	342	360
22.5	190.5d	220.6d	253d	274	291	307	324	341
23.0	178.3d	206.6d	236.9d	260	276	291	307	323
23.5	167.2d	193.7d	222.1d	247	262	276	291	306
24.0	156.9d	181.8d	208.5d	234	248	262	276	290
24.5	147.5d	170.9d	196d	223	236	249	262	276
25.0	138.9d	160.9d	184.5d	209.9d	224	237	249	262
25.5	130.8d	151.6d	173.8d	197.8d	213	225	237	249
26.0	123.4d	143d	164d	186.6d	203	214	225	237
26.5	116.6d	135.1d	154.9d	176.2d	193	204	214	225
27.0	110.2d	127.7d	146.5d	166.6d	184	194	204	214
27.5	104.3d	120.9d	138.6d	157.7d	175	185	194	204
28.0	98.8d	114.5d	131.3d	149.4d	167	176	185	194
28.5	93.7d	108.6d	124.5d	141.7d	159	167	176	185
29.0	89d	103.1d	118.2d	134.5d	151	160	168	176
29.5	84.5d	97.9d	112.3d	127.8d	144	152	160	168
30.0	80.4d	93.1d	106.8d	121.5d	137.3d	145	152	160
30.5	76.5d	88.6d	101.6d	115.6d	130.7d	138	145	152
31.0	72.9d	84.4d	96.8d	110.1d	124.5d	132	138	145
31.5	69.4d	80.4d	92.2d	105d	118.7d	126	132	138
32.0	66.2d	76.7d	88d	100.1d	113.2d	120	126	132
32.5	63.2d	73.2d	84d	95.6d	108d	114	120	125

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.0435 in Nominal Rebar Size #11					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	16.6	16.1	15.8	15.4	15.1	14.9	14.5	14.2
Concrete volume (in^3/ft^2)	594.8	666.8	738.8	810.8	882.8	954.8	1,026.8	1,098.8
Total slab weight (psf)	55.5	61.6	67.6	73.6	79.7	85.7	91.8	97.8
Total moment resistance (kips.ft/ft)	30.5	33.0	35.4	37.9	40.3	42.8	45.3	47.7
Total moment of inertia (in^4)	52.8	61.3	70.3	80.0	90.4	101.7	113.8	126.8
Span (ft)	**Maximum specified load (psf)**							
15.0	637	687	737	787	837	887	937	987
15.5	594	640	687	733	780	827	873	920
16.0	555	598	641	685	728	772	815	859
16.5	514.2d	560	600	641	681	722	762	803
17.0	470.1d	525	562	600	638	676	714	752
17.5	431d	492	528	563	599	635	670	706
18.0	396.1d	459.2d	496	530	563	596	630	663
18.5	364.8d	422.9d	467	498	530	561	592	624
19.0	336.8d	390.4d	440	470	499	529	558	588
19.5	311.5d	361.1d	414.3d	443	471	499	526	554
20.0	288.7d	334.7d	384d	418	445	471	497	523
20.5	268.1d	310.8d	356.6d	396	420	445	470	494
21.0	249.4d	289.2d	331.7d	374	398	421	444	468
21.5	232.4d	269.5d	309.1d	351.8d	377	399	421	443
22.0	217d	251.5d	288.5d	328.4d	357	378	399	420
22.5	202.8d	235.1d	269.7d	306.9d	339	359	378	398
23.0	189.9d	220.1d	252.5d	287.4d	322	340	359	378
23.5	178d	206.4d	236.7d	269.4d	304.6d	323	341	359
24.0	167.1d	193.7d	222.3d	252.9d	285.9d	307	324	341
24.5	157.1d	182.1d	208.9d	237.8d	268.8d	292	308	324
25.0	147.9d	171.4d	196.6d	223.8d	253d	278	293	308
25.5	139.3d	161.5d	185.3d	210.9d	238.4d	265	279	294
26.0	131.5d	152.4d	174.8d	198.9d	224.9d	252	266	280
26.5	124.2d	143.9d	165.1d	187.9d	212.4d	238.8d	253	266
27.0	117.4d	136.1d	156.1d	177.7d	200.8d	225.8d	242	254
27.5	111.1d	128.8d	147.8d	168.1d	190.1d	213.7d	230	242
28.0	105.3d	122d	140d	159.3d	180.1d	202.5d	220	231
28.5	99.8d	115.7d	132.7d	151.1d	170.8d	192d	210	220
29.0	94.7d	109.8d	126d	143.4d	162.1d	182.2d	200	210
29.5	90d	104.3d	119.7d	136.2d	154d	173.1d	191	201
30.0	85.6d	99.2d	113.8d	129.5d	146.4d	164.6d	183	192
30.5	81.5d	94.4d	108.3d	123.3d	139.3d	156.7d	175	183
31.0	77.6d	89.9d	103.2d	117.4d	132.7d	149.2d	167	175
31.5	73.9d	85.7d	98.3d	111.9d	126.5d	142.2d	159.1d	167
32.0	70.5d	81.8d	93.8d	106.7d	120.7d	135.6d	151.8d	160
32.5	67.3d	78d	89.5d	101.9d	115.2d	129.5d	144.9d	153

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.054 in Nominal Rebar Size #3					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	595.5	667.5	739.5	811.5	883.5	955.5	1,027.5	1,099.5
Total slab weight (psf)	53.8	59.9	65.9	71.9	78.0	84.0	90.1	96.1
Total moment resistance (kips.ft/ft)	18.2	20.0	21.9	23.8	25.7	27.6	29.5	31.3
Total moment of inertia (in^4)	36.7	43.1	50.1	57.8	66.1	75.2	85.1	95.8
Span (ft)	**Maximum specified load (psf)**							
15.0	363	401	438	475	513	550	587	625
15.5	338	372	407	442	476	511	546	580
16.0	314	347	379	411	443	476	508	540
16.5	293	323	353	383	413	444	474	504
17.0	274	302	330	358	386	414	442	470
17.5	256	282	309	335	361	387	414	440
18.0	240	264	289	314	338	363	387	412
18.5	225	248	271	294	317	340	363	386
19.0	211	233	254	276	297	319	341	362
19.5	198	219	239	259	279	300	320	340
20.0	187	206	225	244	263	282	301	320
20.5	176	194	212	229	247	265	283	301
21.0	166	182	199	216	233	250	267	283
21.5	156	172	188	204	220	235	251	267
22.0	147	162	177	192	207	222	237	252
22.5	139	153	167	181	195	209	224	238
23.0	131	145	158	171	184	198	211	224
23.5	123.5d	137	149	162	174	187	199	212
24.0	116d	129	141	153	165	176	188	200
24.5	109d	122	133	144	156	167	178	189
25.0	102.6d	116	126	137	147	158	168	179
25.5	96.7d	109	119	129	139	149	159	169
26.0	91.2d	103	113	122	132	141	150	160
26.5	86.2d	98	107	116	125	133	142	151
27.0	81.5d	93	101	109	118	126	135	143
27.5	77.1d	88	96	104	111	119	127	135
28.0	73.1d	83	91	98	105	113	120	128
28.5	69.3d	79	86	93	100	107	114	121
29.0	65.8d	74	81	88	94	101	108	114
29.5	62.5d	70	77	83	89	96	102	108
30.0	59.4d	67	72	78	84	90	96	102
30.5	56.5d	63	69	74	80	85	91	96
31.0	53.8d	59	65	70	75	81	86	91
31.5	51	56	61	66	71	76	81	86
32.0	48	53	58	62	67	72	76	81
32.5	46	50	54	59	63	68	72	76

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.054 in Nominal Rebar Size #4					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	595.5	667.5	739.5	811.5	883.5	955.5	1,027.5	1,099.5
Total slab weight (psf)	54.0	60.0	66.1	72.1	78.1	84.2	90.2	96.3
Total moment resistance (kips.ft/ft)	19.4	21.4	23.4	25.3	27.3	29.3	31.3	33.2
Total moment of inertia (in^4)	38.1	44.7	51.9	59.8	68.3	77.6	87.8	98.8
Span (ft)	**Maximum specified load (psf)**							
15.0	391	430	470	509	548	588	627	666
15.5	364	400	437	473	510	546	583	620
16.0	339	373	407	441	475	509	543	577
16.5	316	348	380	411	443	475	507	538
17.0	295	325	355	384	414	444	473	503
17.5	276	304	332	360	387	415	443	471
18.0	259	285	311	337	363	389	415	441
18.5	243	267	292	316	340	365	389	413
19.0	228	251	274	297	320	343	365	388
19.5	215	236	258	279	301	322	343	365
20.0	202	222	243	263	283	303	323	343
20.5	191	210	228	247	266	285	304	323
21.0	180	198	215	233	251	269	287	305
21.5	167.6d	186	203	220	237	254	271	287
22.0	156.4d	176	192	208	224	239	255	271
22.5	146.2d	166	181	196	211	226	241	256
23.0	136.9d	157	171	185	200	214	228	242
23.5	128.3d	149	162	175	189	202	215	229
24.0	120.5d	141	153	166	179	191	204	216
24.5	113.3d	132.9d	145	157	169	181	193	205
25.0	106.6d	125.1d	137	149	160	171	183	194
25.5	100.5d	117.9d	130	141	151	162	173	183
26.0	94.8d	111.2d	123	133	143	154	164	174
26.5	89.5d	105.1d	117	126	136	145	155	165
27.0	84.6d	99.3d	111	120	129	138	147	156
27.5	80.1d	94d	105	114	122	131	139	148
28.0	75.9d	89.1d	100	108	116	124	132	140
28.5	72d	84.5d	94	102	110	117	125	132
29.0	68.3d	80.2d	89	97	104	111	118	126
29.5	64.9d	76.2d	85	92	98	105	112	119
30.0	61.7d	72.4d	80	87	93	100	106	113
30.5	58.7d	68.9d	76	82	88	94	100	107
31.0	55.9d	65.7d	72	78	84	89	95	101
31.5	53.3d	62.6d	68	74	79	85	90	95
32.0	50.9d	60	65	70	75	80	85	90
32.5	48.6d	56	61	66	71	76	80	85

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.054 in Nominal Rebar Size #5					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	595.4	667.4	739.4	811.4	883.4	955.4	1,027.4	1,099.4
Total slab weight (psf)	54.2	60.2	66.2	72.3	78.3	84.4	90.4	96.4
Total moment resistance (kips.ft/ft)	21.0	23.1	25.2	27.2	29.3	31.4	33.5	35.6
Total moment of inertia (in^4)	39.8	46.7	54.1	62.3	71.1	80.7	91.1	102.4
Span (ft)	**Maximum specified load (psf)**							
15.0	426	467	509	551	593	635	677	719
15.5	396	435	474	513	552	591	630	669
16.0	369	405	442	478	514	551	587	623
16.5	345	379	412	446	480	514	548	582
17.0	322	354	386	417	449	481	512	544
17.5	302	332	361	391	420	450	480	509
18.0	283	311	339	366	394	422	450	477
18.5	266	292	318	344	370	396	422	448
19.0	250	274	299	323	348	372	397	421
19.5	234.8d	258	281	304	327	350	373	396
20.0	217.7d	243	265	287	308	330	351	373
20.5	202.1d	229	250	270	290	311	331	352
21.0	188d	216	236	255	274	293	312	332
21.5	175.2d	204	223	241	259	277	295	313
22.0	163.5d	191.7d	210	227	244	262	279	296
22.5	152.9d	179.2d	199	215	231	247	263	280
23.0	143.1d	167.8d	188	203	219	234	249	264
23.5	134.2d	157.3d	178	193	207	221	236	250
24.0	126d	147.7d	169	182	196	210	223	237
24.5	118.4d	138.8d	160	173	186	199	212	224
25.0	111.5d	130.7d	151.5d	164	176	188	201	213
25.5	105d	123.1d	142.8d	155	167	179	190	202
26.0	99.1d	116.2d	134.7d	147	158	169	180	191
26.5	93.6d	109.7d	127.2d	140	150	161	171	181
27.0	88.5d	103.7d	120.3d	133	143	152	162	172
27.5	83.8d	98.2d	113.8d	126	135	145	154	163
28.0	79.4d	93d	107.8d	120	128	137	146	155
28.5	75.3d	88.2d	102.3d	114	122	130	139	147
29.0	71.4d	83.7d	97.1d	108	116	124	132	140
29.5	67.9d	79.5d	92.2d	102	110	117	125	132
30.0	64.5d	75.6d	87.7d	97	104	111	119	126
30.5	61.4d	72d	83.5d	92	99	106	113	119
31.0	58.5d	68.5d	79.5d	88	94	100	107	113
31.5	55.7d	65.3d	75.8d	83	89	95	101	107
32.0	53.2d	62.3d	72.3d	79	85	90	96	102
32.5	50.8d	59.5d	69d	75	80	86	91	96

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.054 in Nominal Rebar Size #6					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	595.3	667.3	739.3	811.3	883.3	955.3	1,027.3	1,099.3
Total slab weight (psf)	54.4	60.4	66.5	72.5	78.5	84.6	90.6	96.7
Total moment resistance (kips.ft/ft)	22.8	25.1	27.3	29.5	31.8	34.0	36.2	38.5
Total moment of inertia (in^4)	41.8	49.0	56.7	65.1	74.3	84.2	95.0	106.7
Span (ft)	**Maximum specified load (psf)**							
15.0	466	512	557	602	647	692	737	783
15.5	434	476	518	560	602	644	686	728
16.0	405	444	483	522	562	601	640	679
16.5	378	415	452	488	525	561	598	634
17.0	354	388	422	457	491	525	559	593
17.5	332	364	396	428	460	492	524	556
18.0	311	341	371	401	431	461	491	521
18.5	288.8d	321	349	377	405	433	462	490
19.0	266.6d	302	328	355	381	408	434	460
19.5	246.6d	284	309	334	359	384	409	434
20.0	228.6d	267.6d	291	315	338	362	385	409
20.5	212.3d	248.5d	275	297	319	341	363	385
21.0	197.5d	231.2d	260	281	301	322	343	364
21.5	184d	215.4d	245	265	285	304	324	344
22.0	171.8d	201.1d	232	251	269	288	306	325
22.5	160.6d	188d	217.7d	237	255	272	290	308
23.0	150.3d	176d	203.8d	225	241	258	275	291
23.5	140.9d	165d	191.1d	213	229	245	260	276
24.0	132.3d	154.9d	179.4d	202	217	232	247	262
24.5	124.4d	145.6d	168.6d	192	206	220	234	248
25.0	117.1d	137d	158.7d	182	195	209	222	235
25.5	110.3d	129.1d	149.6d	171.8d	185	198	211	223
26.0	104.1d	121.8d	141.1d	162d	176	188	200	212
26.5	98.3d	115.1d	133.3d	153d	167	179	190	202
27.0	92.9d	108.8d	126d	144.7d	159	170	181	191
27.5	88d	103d	119.3d	137d	151	161	172	182
28.0	83.3d	97.6d	113d	129.7d	144	154	163	173
28.5	79d	92.5d	107.1d	123d	137	146	155	164
29.0	75d	87.8d	101.7d	116.8d	130	139	148	156
29.5	71.3d	83.4d	96.6d	111d	124	132	140	149
30.0	67.8d	79.3d	91.9d	105.5d	118	126	133	141
30.5	64.5d	75.5d	87.4d	100.4d	112	119	127	134
31.0	61.4d	71.9d	83.3d	95.6d	106	114	121	128
31.5	58.5d	68.5d	79.4d	91.1d	101	108	115	121
32.0	55.8d	65.4d	75.7d	86.9d	96	103	109	115
32.5	53.3d	62.4d	72.3d	83d	92	98	104	110

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.054 in Nominal Rebar Size #7					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	595.3	667.3	739.3	811.3	883.3	955.3	1,027.3	1,099.3
Total slab weight (psf)	54.6	60.7	66.7	72.8	78.8	84.8	90.9	96.9
Total moment resistance (kips.ft/ft)	24.9	27.3	29.7	32.1	34.6	37.0	39.4	41.8
Total moment of inertia (in^4)	44.1	51.5	59.6	68.4	77.9	88.2	99.4	111.5
Span (ft)	**Maximum specified load (psf)**							
15.0	513	562	611	660	709	758	807	856
15.5	478	523	569	615	660	706	751	797
16.0	446	488	531	573	616	658	701	743
16.5	417	457	496	536	576	615	655	694
17.0	390	427	465	502	539	576	613	650
17.5	359.3d	401	436	470	505	540	575	609
18.0	330.2d	376	409	442	474	507	539	572
18.5	304.1d	354	385	415	446	476	507	538
19.0	280.8d	328.3d	362	391	420	448	477	506
19.5	259.7d	303.7d	341	368	395	422	450	477
20.0	240.7d	281.5d	322	347	373	398	424	449
20.5	223.5d	261.4d	302.4d	328	352	376	400	424
21.0	207.9d	243.2d	281.3d	310	333	355	378	401
21.5	193.8d	226.6d	262.2d	293	315	336	358	379
22.0	180.9d	211.5d	244.7d	278	298	318	339	359
22.5	169.1d	197.7d	228.8d	262.4d	282	301	321	340
23.0	158.3d	185.1d	214.2d	245.7d	268	286	304	322
23.5	148.4d	173.5d	200.8d	230.3d	254	271	288	306
24.0	139.3d	162.9d	188.5d	216.2d	241	257	274	290
24.5	131d	153.2d	177.2d	203.3d	229	244	260	275
25.0	123.3d	144.2d	166.8d	191.3d	217	232	247	262
25.5	116.2d	135.8d	157.2d	180.3d	205.4d	221	235	249
26.0	109.6d	128.2d	148.3d	170.1d	193.8d	210	223	236
26.5	103.5d	121d	140d	160.6d	183d	200	212	225
27.0	97.9d	114.4d	132.4d	151.9d	173d	190	202	214
27.5	92.6d	108.3d	125.3d	143.8d	163.8d	181	192	204
28.0	87.8d	102.6d	118.7d	136.2d	155.2d	172	183	194
28.5	83.2d	97.3d	112.6d	129.2d	147.1d	164	174	185
29.0	79d	92.4d	106.9d	122.6d	139.7d	156	166	176
29.5	75d	87.8d	101.5d	116.5d	132.7d	149	158	167
30.0	71.4d	83.4d	96.5d	110.7d	126.2d	142	151	159
30.5	67.9d	79.4d	91.9d	105.4d	120.1d	135	143	152
31.0	64.7d	75.6d	87.5d	100.4d	114.3d	129	137	145
31.5	61.6d	72.1d	83.4d	95.7d	109d	123	130	138
32.0	58.8d	68.8d	79.5d	91.3d	104d	117	124	131
32.5	56.1d	65.6d	75.9d	87.1d	99.2d	111	118	125

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.054 in Nominal Rebar Size #8					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	595.2	667.2	739.2	811.2	883.2	955.2	1,027.2	1,099.2
Total slab weight (psf)	54.9	61.0	67.0	73.1	79.1	85.2	91.2	97.2
Total moment resistance (kips.ft/ft)	27.3	29.9	32.5	35.1	37.7	40.3	42.9	45.5
Total moment of inertia (in^4)	46.4	54.3	62.7	71.9	81.9	92.6	104.3	116.9
Span (ft)	**Maximum specified load (psf)**							
15.0	565	618	671	724	778	831	884	938
15.5	526	576	625	675	725	774	824	873
16.0	491	538	584	630	676	723	769	815
16.5	451.9d	503	546	589	632	676	719	762
17.0	413.2d	471	511	552	592	633	673	714
17.5	378.8d	442	480	518	556	594	632	669
18.0	348.1d	406.8d	451	486	522	558	593	629
18.5	320.7d	374.7d	424	458	491	524	558	591
19.0	296d	345.9d	399	431	462	494	525	557
19.5	273.8d	319.9d	369.8d	406	436	466	495	525
20.0	253.8d	296.5d	342.8d	384	412	440	468	496
20.5	235.7d	275.4d	318.3d	362	389	415	442	468
21.0	219.2d	256.2d	296.1d	339.4d	368	393	418	443
21.5	204.3d	238.7d	275.9d	316.3d	348	372	395	419
22.0	190.7d	222.8d	257.5d	295.2d	330	352	375	397
22.5	178.3d	208.3d	240.8d	276d	313	334	355	376
23.0	166.9d	195d	225.4d	258.4d	294.1d	317	337	357
23.5	156.5d	182.8d	211.3d	242.2d	275.7d	301	320	339
24.0	146.9d	171.6d	198.4d	227.4d	258.8d	286	304	322
24.5	138.1d	161.3d	186.5d	213.8d	243.3d	272	289	306
25.0	130d	151.9d	175.5d	201.2d	229d	258	275	291
25.5	122.5d	143.1d	165.4d	189.6d	215.8d	244.2d	261	277
26.0	115.5d	135d	156d	178.9d	203.6d	230.4d	249	263
26.5	109.1d	127.5d	147.4d	168.9d	192.3d	217.6d	237	251
27.0	103.2d	120.6d	139.4d	159.7d	181.8d	205.7d	226	239
27.5	97.7d	114.1d	131.9d	151.2d	172.1d	194.7d	215	228
28.0	92.5d	108.1d	125d	143.2d	163d	184.5d	205	217
28.5	87.7d	102.5d	118.5d	135.8d	154.6d	174.9d	196	207
29.0	83.3d	97.3d	112.5d	128.9d	146.7d	166d	187	197
29.5	79.1d	92.4d	106.9d	122.5d	139.4d	157.7d	177.6d	188
30.0	75.2d	87.9d	101.6d	116.5d	132.5d	150d	168.8d	180
30.5	71.6d	83.6d	96.7d	110.8d	126.1d	142.7d	160.7d	172
31.0	68.2d	79.7d	92.1d	105.5d	120.1d	135.9d	153d	164
31.5	65d	75.9d	87.8d	100.6d	114.5d	129.6d	145.9d	156
32.0	62d	72.4d	83.7d	96d	109.2d	123.6d	139.1d	149
32.5	59.2d	69.1d	79.9d	91.6d	104.3d	118d	132.8d	142

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN
COMPOSITE FLOORING SYSTEM

Steel Deck Thickness 0.054 in
Nominal Rebar Size #9

Load Tables

Load Resistance Factor Design

Imperial

Slab thickness (in)	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	595.1	667.1	739.1	811.1	883.1	955.1	1,027.1	1,099.1
Total slab weight (psf)	55.3	61.3	67.4	73.4	79.5	85.5	91.6	97.6
Total moment resistance (kips.ft/ft)	29.8	32.7	35.5	38.3	41.1	44.0	46.8	49.6
Total moment of inertia (in^4)	49.0	57.3	66.1	75.8	86.2	97.4	109.6	122.7
Span (ft)	**Maximum specified load (psf)**							
15.0	622	680	738	797	855	913	972	1030
15.5	575.5d	634	688	743	797	851	906	960
16.0	523.2d	592	643	693	744	795	846	896
16.5	477.1d	554	601	649	696	744	791	838
17.0	436.2d	509.4d	564	608	652	697	741	786
17.5	399.9d	467d	529	571	612	654	696	737
18.0	367.5d	429.1d	495.7d	536	576	615	654	693
18.5	338.5d	395.3d	456.6d	505	542	578	615	652
19.0	312.5d	364.9d	421.5d	476	510	545	580	614
19.5	289d	337.5d	389.9d	446.6d	482	514	547	580
20.0	267.9d	312.8d	361.4d	414d	455	486	517	547
20.5	248.8d	290.5d	335.6d	384.4d	430	459	488	517
21.0	231.4d	270.3d	312.2d	357.6d	406.7d	435	462	490
21.5	215.7d	251.8d	290.9d	333.2d	379d	412	438	464
22.0	201.3d	235.1d	271.5d	311d	353.8d	390	415	440
22.5	188.2d	219.7d	253.8d	290.7d	330.7d	370	394	417
23.0	176.2d	205.7d	237.6d	272.2d	309.6d	350.1d	374	396
23.5	165.2d	192.9d	222.8d	255.2d	290.3d	328.2d	355	376
24.0	155.1d	181.1d	209.2d	239.6d	272.5d	308.1d	338	358
24.5	145.8d	170.2d	196.6d	225.2d	256.2d	289.6d	321	340
25.0	137.2d	160.2d	185.1d	212d	241.1d	272.6d	306	324
25.5	129.3d	151d	174.4d	199.7d	227.2d	256.9d	288.9d	309
26.0	122d	142.4d	164.5d	188.4d	214.3d	242.3d	272.6d	294
26.5	115.2d	134.5d	155.4d	178d	202.4d	228.9d	257.5d	280
27.0	108.9d	127.2d	146.9d	168.3d	191.4d	216.4d	243.4d	267
27.5	103.1d	120.4d	139.1d	159.3d	181.1d	204.8d	230.4d	255
28.0	97.7d	114d	131.7d	150.9d	171.6d	194d	218.3d	243
28.5	92.6d	108.1d	124.9d	143.1d	162.7d	184d	207d	231.8d
29.0	87.9d	102.7d	118.6d	135.8d	154.5d	174.7d	196.5d	220d
29.5	83.5d	97.5d	112.7d	129d	146.8d	165.9d	186.6d	209d
30.0	79.4d	92.7d	107.1d	122.7d	139.5d	157.8d	177.5d	198.7d
30.5	75.6d	88.2d	101.9d	116.8d	132.8d	150.1d	168.9d	189.1d
31.0	72d	84d	97.1d	111.2d	126.5d	143d	160.8d	180.1d
31.5	68.6d	80.1d	92.5d	106d	120.5d	136.3d	153.3d	171.7d
32.0	65.4d	76.4d	88.3d	101.1d	115d	130d	146.2d	163.7d
32.5	62.5d	72.9d	84.3d	96.5d	109.8d	124.1d	139.6d	156.3d

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN
COMPOSITE FLOORING SYSTEM

Steel Deck Thickness 0.054 in
Nominal Rebar Size #10

Load Tables

Load Resistance Factor Design

Imperial

Slab thickness (in)	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	594.9	666.9	738.9	810.9	882.9	954.9	1,026.9	1,098.9
Total slab weight (psf)	55.7	61.8	67.8	73.9	79.9	86.0	92.0	98.0
Total moment resistance (kips.ft/ft)	32.9	36.0	39.1	42.2	45.3	48.4	51.5	54.7
Total moment of inertia (in^4)	52.0	60.7	70.1	80.3	91.2	103.1	115.9	129.7
Span (ft)	**Maximum specified load (psf)**							
15.0	673.5d	753	818	883	947	1012	1077	1141
15.5	610.4d	703	763	823	883	944	1004	1064
16.0	554.9d	647.8d	713	769	825	882	938	994
16.5	506d	590.7d	667	720	772	825	878	930
17.0	462.7d	540.1d	623.7d	675	724	774	823	872
17.5	424.1d	495.1d	571.7d	634	680	726	773	819
18.0	389.8d	455d	525.4d	596	640	683	727	770
18.5	359d	419.1d	483.9d	554d	602	643	684	725
19.0	331.4d	386.9d	446.7d	511.4d	568	606	645	684
19.5	306.6d	357.9d	413.2d	473.1d	536	572	609	645
20.0	284.1d	331.7d	383d	438.5d	498.4d	541	575	610
20.5	263.9d	308d	355.7d	407.2d	462.9d	512	544	577
21.0	245.5d	286.5d	330.9d	378.8d	430.6d	485	516	546
21.5	228.7d	267d	308.3d	353d	401.2d	453.4d	489	518
22.0	213.5d	249.2d	287.8d	329.5d	374.5d	423.2d	464	491
22.5	199.6d	233d	269d	308d	350.1d	395.6d	440	466
23.0	186.8d	218.1d	251.9d	288.3d	327.8d	370.3d	416.3d	443
23.5	175.2d	204.5d	236.1d	270.3d	307.3d	347.2d	390.3d	421
24.0	164.5d	192d	221.7d	253.8d	288.5d	326d	366.4d	401
24.5	154.6d	180.5d	208.4d	238.6d	271.2d	306.4d	344.4d	382
25.0	145.5d	169.9d	196.1d	224.5d	255.2d	288.4d	324.2d	362.7d
25.5	137.1d	160.1d	184.8d	211.6d	240.5d	271.8d	305.5d	341.8d
26.0	129.4d	151d	174.4d	199.6d	226.9d	256.4d	288.2d	322.4d
26.5	122.2d	142.6d	164.7d	188.5d	214.3d	242.1d	272.2d	304.5d
27.0	115.5d	134.8d	155.7d	178.3d	202.6d	228.9d	257.3d	287.9d
27.5	109.3d	127.6d	147.4d	168.7d	191.8d	216.7d	243.6d	272.5d
28.0	103.6d	120.9d	139.6d	159.8d	181.7d	205.3d	230.7d	258.2d
28.5	98.2d	114.7d	132.4d	151.6d	172.3d	194.7d	218.8d	244.8d
29.0	93.2d	108.8d	125.7d	143.9d	163.5d	184.8d	207.7d	232.4d
29.5	88.6d	103.4d	119.4d	136.7d	155.4d	175.5d	197.3d	220.8d
30.0	84.2d	98.3d	113.5d	130d	147.7d	166.9d	187.6d	209.9d
30.5	80.2d	93.6d	108d	123.7d	140.6d	158.8d	178.5d	199.8d
31.0	76.3d	89.1d	102.9d	117.8d	133.9d	151.3d	170d	190.2d
31.5	72.8d	84.9d	98.1d	112.3d	127.6d	144.2d	162.1d	181.3d
32.0	69.4d	81d	93.5d	107.1d	121.7d	137.5d	154.6d	173d
32.5	66.3d	77.3d	89.3d	102.2d	116.2d	131.3d	147.6d	165.1d

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.

MegaSPAN COMPOSITE FLOORING SYSTEM	Steel Deck Thickness 0.054 in Nominal Rebar Size #11					Load Tables Load Resistance Factor Design Imperial		
Slab thickness (in)	**10.5**	**11.0**	**11.5**	**12.0**	**12.5**	**13.0**	**13.5**	**14.0**
Max unshored span (ft)	17.6	17.2	16.8	16.4	16.1	15.8	15.6	15.3
Concrete volume (in^3/ft^2)	594.8	666.8	738.8	810.8	882.8	954.8	1,026.8	1,098.8
Total slab weight (psf)	56.2	62.3	68.3	74.4	80.4	86.4	92.5	98.5
Total moment resistance (kips.ft/ft)	36.0	39.4	42.8	46.3	49.7	53.1	56.5	60.0
Total moment of inertia (in^4)	55.0	64.2	74.1	84.8	96.4	108.9	122.3	136.8
Span (ft)	**Maximum specified load (psf)**							
15.0	712.1d	829	901	972	1044	1115	1187	1259
15.5	645.4d	753.4d	840	907	974	1040	1107	1174
16.0	586.8d	685d	785	848	910	972	1035	1097
16.5	535d	624.6d	721.2d	794	852	911	969	1027
17.0	489.2d	571.1d	659.4d	745	799	854	909	963
17.5	448.5d	523.5d	604.5d	691.9d	751	802	854	905
18.0	412.1d	481.1d	555.5d	635.8d	706	755	803	851
18.5	379.6d	443.1d	511.7d	585.6d	666	711	757	802
19.0	350.4d	409.1d	472.3d	540.6d	614.3d	671	714	757
19.5	324.2d	378.4d	436.9d	500.1d	568.3d	634	674	715
20.0	300.5d	350.7d	405d	463.5d	526.7d	594.9d	637	676
20.5	279d	325.7d	376.1d	430.4d	489.1d	552.4d	603	640
21.0	259.5d	303d	349.8d	400.4d	455d	513.9d	572	606
21.5	241.9d	282.3d	326d	373.1d	424d	478.9d	538d	575
22.0	225.7d	263.5d	304.3d	348.3d	395.7d	447d	502.2d	546
22.5	211d	246.4d	284.4d	325.6d	369.9d	417.8d	469.4d	518
23.0	197.6d	230.6d	266.3d	304.8d	346.3d	391.2d	439.5d	491.4d
23.5	185.2d	216.2d	249.7d	285.7d	324.7d	366.7d	412d	460.7d
24.0	173.9d	203d	234.4d	268.3d	304.8d	344.3d	386.8d	432.5d
24.5	163.5d	190.8d	220.3d	252.2d	286.6d	323.6d	363.6d	406.6d
25.0	153.9d	179.6d	207.4d	237.3d	269.7d	304.6d	342.2d	382.7d
25.5	145d	169.2d	195.4d	223.7d	254.2d	287d	322.5d	360.6d
26.0	136.8d	159.7d	184.4d	211d	239.8d	270.8d	304.2d	340.2d
26.5	129.2d	150.8d	174.1d	199.3d	226.5d	255.8d	287.3d	321.3d
27.0	122.1d	142.6d	164.6d	188.4d	214.1d	241.8d	271.7d	303.8d
27.5	115.6d	135d	155.8d	178.3d	202.6d	228.9d	257.1d	287.5d
28.0	109.5d	127.9d	147.6d	169d	192d	216.8d	243.6d	272.4d
28.5	103.9d	121.2d	140d	160.2d	182.1d	205.6d	231d	258.3d
29.0	98.6d	115.1d	132.9d	152.1d	172.8d	195.2d	219.3d	245.2d
29.5	93.7d	109.3d	126.2d	144.5d	164.2d	185.4d	208.3d	232.9d
30.0	89.1d	104d	120d	137.4d	156.1d	176.3d	198.1d	221.5d
30.5	84.8d	98.9d	114.2d	130.7d	148.6d	167.8d	188.5d	210.8d
31.0	80.7d	94.2d	108.8d	124.5d	141.5d	159.8d	179.5d	200.7d
31.5	76.9d	89.8d	103.7d	118.7d	134.9d	152.3d	171.1d	191.3d
32.0	73.4d	85.7d	98.9d	113.2d	128.6d	145.3d	163.2d	182.5d
32.5	70.1d	81.8d	94.4d	108.1d	122.8d	138.7d	155.8d	174.2d

TABLES NOTES:

1. Deflection criteria considered is L/360 based on ANSI C-2017 & AISI S100-2016.
2. Max. specified load = 1.2/1.6 SIDL + LL when deflection does not control.
3. Max. specified load = SIDL + LL when deflection controls. It is indicated with a 'd' next to the load values.
4. Max. Unshored spans are based on ANSI C-2017.
5. Values are based on Normal Concrete Density = 145 pcf.
6. "Total Slab Weight" includes steel deck, reinforcement bar, and concrete which is already accounted for in the tables above.