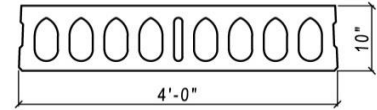




Standard Load Table
10" Thick
1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 76 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 3 hours				
Section Properties					
A = 312 in ²	Yt = 4.84 in	b = 17.8 in			
I = 3484 in ⁴	Yb = 5.16 in	wt = 76 psf			
ϕM_n ft-k/ft	26.94	35.21	43.1	48.98	59.16
Series	1.63D-10706	1.63D-10708	1.63D-10710	1.63D-10808	1.63D-10810
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
16	469				
17	409				
18	359	456	493		
19	316	419	451	475	
20	280	382	414	433	478
21	248	342	378	400	439
22	221	307	352	369	402
23	198	276	325	340	372
24	177	249	303	319	346
25	159	225	283	294	319
26	142	203	262	278	300
27	128	185	239	258	278
28	115	168	218	245	263
29	103	152	199	228	245
30	93	139	183	215	234
31		126	167	198	219
32		115	154	182	208
33		105	141	168	197
34		95	130	155	183
35			119	143	169
36			109	132	157
37			101	121	145
38			92	112	134
39				103	124
40				94	115
41					106
42					98
43					91
44					84

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 101 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 397 in ²	Yt = 5.59 in	b = 17.8 in			
I = 5787 in ⁴	Yb = 6.41 in	wt = 101 psf			
ϕM_n ft-k/ft	33.2	43.22	52.7	60.05	72.61
Series	1.63D-10706T	1.63D-10708T	1.63D-10710T	1.63D-10808T	1.63D-10810T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
16	496				
17	462	482			
18	432	438	475		
19	384	405	433	456	
20	339	381	395	415	459
21	301	360	360	382	420
22	267	340	340	350	383
23	238	322	322	323	353
24	212	300	305	304	328
25	190	270	290	289	301
26	170	244	276	275	282
27		221	263	262	262
28		200	251	250	250
29		181	238	238	238
30		164	217	228	228
31			199	218	218
32			182	209	209
33			166	195	200
34				177	192
35				160	185
36				145	177
37					163
38					148
39					135
40					122

Concrete Strength: 6,000 psi at 28 days
Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

 Camber 1"-1 1/2"
 Camber > 1 1/2"

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