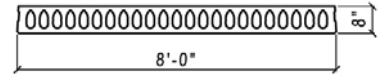




# Load Table

## 96" Wide 8" Thick

### 1.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 63 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 2 hours				
Section Properties					
A = 511 in <sup>2</sup>	Yt=3.99 in	b = 37.5 in			
I = 3629 in <sup>4</sup>	Yb=4.01 in	wt = 63 psf			
$\phi M_n$ ft-k/ft	16.72	22.13	28.78	35.04	40.87
Series	1.0H-8612	1.0H-8712	1.0H-8716	1.0H-8720	1.0H-8724
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
	13	448			
14	379				
15	324	445			
16	279	385	450	487	
17	242	336	408	439	
18	211	294	374	400	434
19	184	259	345	368	397
20	162	229	313	337	365
21	142	204	279	311	332
22	126	181	250	291	309
23	111	162	225	267	287
24	98	145	203	252	265
25	87	130	183	229	250
26	76	116	166	208	231
27		105	150	189	213
28		94	136	172	194
29		84	124	157	177
30		76	113	143	162
31			103	130	149
32			93	119	136
33			85	109	125
34			77	100	115
35				91	106
36				83	97
37				76	89
38					82
39					75
40					69

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 88 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 685 in <sup>2</sup>	Yt = 4.75 in	b = 37.5 in			
I = 6857 in <sup>4</sup>	Yb = 5.25 in	wt = 88 psf			
$\phi M_n$ ft-k/ft	21.48	28.39	36.8	44.65	52.33
Series	1.0H-8612T	1.0H-8712T	1.0H-8716T	1.0H-8720T	1.0H-8724T
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
	14	482	499		
15	411	461			
16	354	428			
17	306	399			
18	266	372			
19	232	327	350		
20	203	289	329		
21	178	256	310		
22	156	227	293		
23		202	278		
24		180	254	263	
25		161	229	250	
26			206	238	
27			187	227	
28			169	214	
29			153	192	207
30				172	197
31				155	181
32				138	164
33				123	147
34					133
35					119
36					107

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"      Issued: 5/1/2013  
Camber > 1 1/2"      @Spancrete www.spancrete.com

Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.