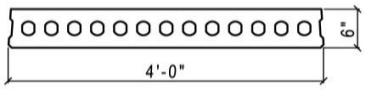
SPANCRETE®
Building Innovation.™

Standard Load Table
6" Thick
1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 58 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 2 hours				
Section Properties					
A = 240 in²	Yt = 3.01 in		b = 22.5 in		
I = 842 in⁴	Yb = 2.99 in		wt = 58 psf		
ϕM_n ft-k/ft	**9.96**	**12.88**	**15.58**	**18.01**	
Series	**1.63J-6606**	**1.63J-6608**	**1.63J-6610**	**1.63J-6612**	
Span in Feet	**Allowable Superimposed Load In lbs/ft²**				
10	447				
11	368	489			
12	302	404	478	480	
13	251	337	417	425	
14	210	285	354	378	
15	178	243	303	342	
16	151	208	261	308	
17	129	179	226	268	
18	110	155	197	234	
19		135	172	206	
20		117	151	182	
21			133	161	
22			117	143	
23				127	
24				112	

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 83 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 325 in²	Yt = 3.96 in		b = 22.5 in		
I = 1876 in⁴	Yb = 4.04 in		wt = 83 psf		
ϕM_n ft-k/ft	**14.73**	**19.06**	**23.09**	**26.77**	
Series	**1.63J-6606T**	**1.63J-6608T**	**1.63J-6610T**	**1.63J-6612T**	
Span in Feet	**Allowable Superimposed Load In lbs/ft²**				
11	461	491			
12	418	430	459	462	
13	373	381	404	406	
14	313	349	359	360	
15	265	322	322	324	
16	225	298	298	298	
17		267	276	276	
18			258	258	
19			241	241	
20				226	

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