

DYNASPAN 8'0" x 8" Deep Normal Weight concrete
(F'c @ 28 day = 5000 psi)

Table of Safe Superimposed Loads (psf) ~ Strands are 1-7/8" clear from bottom
(2 hour fire rated – Minimum)

No Topping

Number & Size of 270k Strands Per 8'0" Width	Span, ft.																							
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
14-3/8"	249	215	186	162	141	123	108	94	82	72	63	54	47	40	34	29								
15-3/8"	269	232	201	176	154	135	118	104	91	80	70	61	53	46	40	34	29							
8-1/2"	198	180	165	152	140	124	109	95	83	73	64	55	48	41	35	30								
10-1/2"	253	232	213	197	183	163	144	128	113	100	89	79	70	62	54	48	42	36	30					
11-1/2"	280	257	237	219	204	182	162	143	128	114	101	90	80	72	64	56	50	44	38	33	29			
12-1/2"	306	281	260	241	224	200	178	159	142	127	113	101	91	81	73	65	58	51	45	40	35	30		
14-1/2"			300	280	260	236	210	188	169	152	136	123	111	100	90	81	73	66	59	53	47	42	35	30
15-1/2"					275	252	226	202	181	163	147	133	120	108	98	89	80	72	65	59	53	47	42	37

BOLD indicates that initial jacking requires 75% of ultimate to achieve this loading.

Table of Safe Superimposed Loads (psf) ~ Strands are 1-7/8" clear from bottom
(2 hour fire rated – Minimum)

2" Normal Weight Topping fc = 3500 psi

Number & Size of 270k Strands Per 8'0" Width	Span, ft.																							
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
14-3/8"	325	280	242	210	182	159	138	121	105	91	79	68	58	47	38	30								
15-3/8"	350	302	262	228	198	173	152	133	116	101	88	77	67	56	46	37	26							
8-1/2"	260	237	217	200	184	162	142	124	108	94	81	70	60	50	40	30								
10-1/2"	345	315	295	270	241	214	189	167	147	130	115	101	89	75	65	56	45	35	30					
11-1/2"			315	300	271	239	211	187	166	148	131	116	102	88	76	65	55	48	35	30				
12-1/2"				318	297	263	233	207	185	165	147	131	115	102	88	77	65	55	45	40	30			
14-1/2"					349	310	276	246	220	198	177	159	141	126	112	100	85	75	65	55	50	40	30	
15-1/2"						320	296	265	238	214	192	173	153	138	120	106	95	85	75	65	57	49	40	30

BOLD indicates that initial jacking requires 75% of ultimate to achieve this loading.