





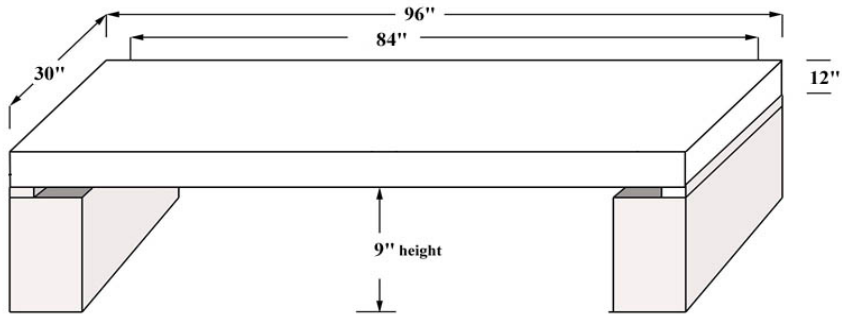




Assumptions: panel dimensions Length Width Thickness Surface sf
panel weight 96 30 12 inches 20
span distance 70.6 pounds
84 inches

Variables: 1-7 center-ends (7" increments)

	position	incremental weight	total weight	height	deflection	cumm. Deflection (in)	delta	psf
1	0	0	0	9	0	0	0	0.00
2	1	676	676	8.75	0.25	0.25	0.25	38.63
3	2	676	1352	8.6	0.15	0.4	-0.1	77.26
4	3	676	2028	8.5	0.1	0.5	-0.05	115.89
5	4	676	2704	8.3	0.2	0.7	0.1	154.51
6	5	676	3380	8.1	0.2	0.9	2E-15	193.14
7	6	676	4056	8	0.1	1	-0.1	231.77
8	7	676	4732	7.8	0.2	1.2	0.1	270.40
9	8	676	5408	7.75	0.05	1.25	-0.15	309.03
10	9	676	6084	7.6	0.15	1.4	0.1	347.66
11	10	676	6760	7.5	0.1	1.5	-0.05	386.29
12	11	0	0	9	0	0	1.5	0.00
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Test Set-up Drawing

Before Loading

After 6,500lbs Loading