

Safe Superimposed Loads in Pounds per Square Foot

8DT12

Non-Composite (Roof)

Span (ft)	20	22	24	26	28	30	32	34	36	38	40
Load (psf) Normal Weight Tee	199	164	137	115	98	85	73	64	56	49	44
Load (psf) Lightweight Tee	185	152	127	107	92	79	69	61	53	47	42

Composite (Floor)*

Span (ft)	18	20	22	24	26	28	30	32	34
Load (psf) Normal Weight Tee	266	209	166	133	107	86	69	56	44

8DT18

Non-Composite (Roof)

Span (ft)	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58
Load (psf) Normal Weight Tee	190	166	146	129	115	103	92	83	75	68	62	56	51	47	43
Load (psf) Lightweight Tee	176	154	136	120	107	96	86	78	71	64	59	54	49	45	41

Composite (Floor)*

Span (ft)	26	28	30	32	34	36	38	40	42	44	46
Load (psf) Normal Weight Tee	252	211	179	152	130	112	96	83	71	61	52

8DT24

Non-Composite (Roof)

Span (ft)	52	54	56	58	60	62	64	66	68	70	72	74	76
Load (psf) Normal Weight Tee	92	85	78	72	66	61	57	52	49	45	42		
Load (psf) Lightweight Tee	86	79	73	68	63	58	54	50	47	43	40	30	35

Composite (Floor)*

Span (ft)	36	38	40	42	44	46	48	50	52	54	56	58	60	62
Load (psf) Normal Weight Tee	190	166	146	129	113	100	89	78	69	61	54	47	41	36

Note: * A Minimum 2" c.i.p. topping at mid-span is preferred for most structures.