



F16 MASS PLY MAXIMUM SPAN FLOOR TABLE - MAJOR STRENGTH AXIS WITH 2" CONCRETE

LAY-UP ID	THICKNESS (IN)	VIBRATION CONTROLLED SPAN (FT)	LIVE LOAD				
			40 PSF	50 PSF	75 PSF	100 PSF	150 PSF
F16-2	2 1/16	7.54	7.54	7.25	6.68	6.13	5.33
F16-3	3 1/16	1.06	10.95	10.55	9.74	9.01	7.84
F16-4	4 1/16	12.53	14.47	13.95	12.91	12.05	10.49
F16-5	5 1/8	14.81	17.87	17.25	15.99	15.03	13.10
F16-6	6 1/8	16.97	21.18	20.46	19.01	17.90	15.72
F16-7	7 1/8	19.04	24.44	23.63	22.00	20.73	18.32
F16-8	8 3/16	21.04	27.59	26.70	24.90	23.49	20.88
F16-9	9 3/16	22.98	30.75	29.80	27.84	26.30	23.54
F16-10	10 3/16	24.87	33.82	32.80	30.69	29.03	26.16
F16-11	11 1/4	26.71	36.84	35.76	33.51	31.73	28.77
F16-12	12 1/4	28.51	39.81	38.67	36.29	34.40	31.39

FLOOR TABLE NOTES

- ◆ Single span, uniform load.
- ◆ Total loads include live load, Mass Ply weight and 15 psf dead load.
- ◆ Live load deflection limit = $\text{Span (L)}/360$, total load deflection limit = $L/240$.
- ◆ Vibration controlled spans calculated using concepts outlined in the CLT handbook for a floor with topping.
- ◆ When designing for vibration, use the vibration span for any loading condition that does not produce a span shorter than the vibration span.

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