



F10 MASS PLY MAXIMUM SPAN FLOOR TABLE - MINOR 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
F10-2	2 1/16	5.34	5.05	4.85	4.46	4.09	3.54
F10-3	3 1/16	7.40	7.68	7.39	6.81	6.29	5.45
F10-4	4 1/16	9.15	10.06	9.69	8.95	8.34	7.23
F10-5	5 1/8	10.80	11.00	11.00	11.00	10.41	9.03
F10-6	6 1/8	11.00	11.00	11.00	11.00	11.00	10.83
F10-7	7 1/8	11.00	11.00	11.00	11.00	11.00	11.00
F10-8	8 3/16	11.00	11.00	11.00	11.00	11.00	11.00
F10-9	9 3/16	11.00	11.00	11.00	11.00	11.00	11.00
F10-10	10 3/16	11.00	11.00	11.00	11.00	11.00	11.00
F10-11	11 1/4	11.00	11.00	11.00	11.00	11.00	11.00
F10-12	12 1/4	11.00	11.00	11.00	11.00	11.00	11.00

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 vtopping.
- ◆ 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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