



**F10 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
F10-2	2 1/16	6.00	5.78	5.55	5.11	4.68	4.06
F10-3	3 1/16	8.18	8.59	8.27	7.63	7.05	6.12
F10-4	4 1/16	10.09	11.23	10.82	10.01	9.33	8.10
F10-5	5 1/8	11.94	13.91	13.42	12.43	11.67	10.14
F10-6	6 1/8	13.69	16.49	15.93	14.79	13.91	12.17
F10-7	7 1/8	15.35	19.01	18.38	17.10	16.10	14.20
F10-8	8 3/16	16.96	21.50	20.81	19.39	18.28	16.22
F10-9	9 3/16	18.52	23.94	23.19	21.65	20.43	18.26
F10-10	10 3/16	20.03	26.32	25.52	23.86	22.55	20.29
F10-11	11 1/4	21.51	28.67	27.82	26.05	24.65	22.32
F10-12	12 1/4	22.95	30.98	30.08	28.21	26.72	24.34

**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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