



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	5.53	5.78	5.55	5.11	4.68	4.06
F10-3	3 1/16	7.54	8.59	8.27	7.63	7.05	6.12
F10-4	4 1/16	10.33	11.23	10.82	10.01	9.33	8.10
F10-5	5 1/8	12.23	13.91	13.42	12.43	11.67	10.14
F10-6	6 1/8	14.03	16.49	15.93	14.79	13.91	12.17
F10-7	7 1/8	15.71	19.01	18.38	17.10	16.10	14.20
F10-8	8 3/16	17.36	21.50	20.81	19.39	18.28	16.22
F10-9	9 3/16	18.96	23.94	23.19	21.65	20.43	18.26
F10-10	10 3/16	20.50	26.32	25.52	23.86	22.55	20.29
F10-11	11 1/4	22.02	28.67	27.82	26.05	24.65	22.32
F10-12	12 1/4	23.49	30.98	30.08	28.21	26.72	24.34

FLOOR TABLE NOTES:

- ◆ Single Span, uniform load.
- ◆ Total load includes live load, Mass Ply weight, 18 PSF concrete topping, 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 2" concrete topping.
- ◆ Vibration span is acceptable for any live load that does not result in an allowable stress design span longer than the vibration span.
- ◆ Tables do not substitute for the work of a design professional.

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