



### F10 MASS PLY MAXIMUM SPAN FLOOR TABLE - MAJOR STRENGTH AXIS

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	6.20	6.36	5.94	5.17	4.68	4.07
F10-3	3 1/16	8.44	6.36	5.94	5.17	4.68	4.07
F10-4	4 1/16	10.41	12.28	11.71	10.30	9.33	8.10
F10-5	5 1/8	12.32	15.14	14.47	12.91	11.69	10.14
F10-6	6 1/8	14.12	17.90	17.14	15.48	14.02	12.17
F10-7	7 1/8	15.83	20.58	19.74	18.05	16.35	14.20
F10-8	8 3/16	17.50	23.21	22.29	20.49	18.68	16.22
F10-9	9 3/16	19.10	25.78	24.80	22.85	21.03	18.26
F10-10	10 3/16	20.66	28.28	27.23	25.15	23.36	20.29
F10-11	11 1/4	22.19	30.74	29.64	27.43	25.70	22.32
F10-12	12 1/4	23.67	33.14	31.99	29.67	27.89	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 no 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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