



### F16 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 PSFV
F16-2	2 1/16	7.78	8.29	7.75	6.76	6.12	5.33
F16-3	3 1/16	10.38	12.00	11.40	9.93	9.01	7.84
F16-4	4 1/16	12.92	15.80	15.08	13.28	12.04	10.48
F16-5	5 1/8	15.28	19.44	18.59	16.60	15.04	13.10
F16-6	6 1/8	17.50	22.97	22.00	19.89	18.04	15.72
F16-7	7 1/8	19.64	26.43	25.35	23.21	21.04	18.31
F16-8	8 3/16	21.70	29.76	28.59	26.29	23.99	20.88
F16-9	9 3/16	23.70	33.09	31.83	29.26	27.04	23.54
F16-10	10 3/16	25.65	36.31	34.98	32.23	30.06	26.16
F16-11	11 1/4	27.55	39.48	38.06	35.55	33.06	29.18
F16-12	12 1/4	29.40	42.55	41.09	38.02	35.88	31.29

#### FLOOR TABLE NOTES:

- ◆ Single Span, uniform load.
- ◆ Total load includes 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.
- ◆ 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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