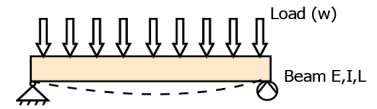




F16 MPP Maximum Span Floor Tables
Major Strength Axis



| Lay-up | Thickness | Vibration Controlled | | | | | |
|---------------|-----------|----------------------|--------|--------|--------|---------|---------|
| | | Span (ft) | 40 PSF | 50 PSF | 75 PSF | 100 PSF | 150 PSF |
| 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 | 15.05 | 13.10 |
| F16-6 | 6-1/8 | 17.50 | 22.97 | 22.00 | 19.89 | 18.04 | 15.70 |
| 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 | 20.87 |
| F16-9 | 9-3/16 | 23.70 | 33.09 | 31.83 | 29.36 | 27.04 | 23.54 |
| F16-10 | 10-3/16 | 25.65 | 36.31 | 34.98 | 32.33 | 30.06 | 26.16 |
| F16-11 | 11-1/4 | 27.55 | 39.46 | 38.06 | 35.26 | 33.06 | 28.77 |
| F16-12 | 12-1/4 | 29.40 | 42.55 | 41.09 | 38.15 | 35.88 | 31.38 |

Floor Table Notes:

Single Span, Uniform Load

Total loads include live load, MPP 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.

Looking for more information? Contact us at frereslumber.com