




| CLEAR SPAN | LOAD TYPE | (U) LBS./SF (C) LBS./FT & RESULTING (D) DEFLECTION | | | | | |
|------------|-----------|--|-------|-------|-------|-------|-------|
| | | 50 | 100 | 200 | 300 | 500 | 1000 |
| 24" | U | 0.006 | 0.011 | 0.023 | 0.034 | 0.057 | 0.113 |
| | C | < 0.005 | 0.009 | 0.018 | 0.027 | 0.045 | 0.091 |
| 36" | U | 0.022 | 0.043 | 0.087 | 0.130 | 0.217 | -- |
| | C | 0.012 | 0.023 | 0.046 | 0.070 | 0.116 | 0.232 |
| 48" | U | 0.062 | 0.123 | 0.247 | 0.370 | -- | -- |
| | C | 0.025 | 0.049 | 0.099 | 0.148 | 0.247 | 0.494 |
| 60" | U | 0.140 | 0.281 | 0.562 | -- | -- | -- |
| | C | 0.045 | 0.090 | 0.180 | 0.270 | 0.450 | -- |
| 72" | U | 0.291 | 0.583 | -- | -- | -- | -- |
| | C | 0.078 | 0.155 | 0.311 | 0.466 | -- | -- |

U - Uniform Load - Lbs./Sf. **D** - Deflection in Inches **C** - Concentrated Load - Lbs./Ft. of Width at Mid Span | Table values are based on a solid surface and a weight of 2.60 Lbs./Ft. A ventilated (slotted) surface is available by custom order with a weight of 2.50 Lbs./Ft. Maximum deflections in table are based on a deflection of approximately L/100. To calculate the maximum deflection for a simply supported continuous beam spanning two equal lengths with the uniform or concentrated load on one span only, multiply deflection values by 0.71. For ventilated (slotted) surface, divide deflection values by 0.95. Technical information provided is theoretical and for evaluation by technically skilled persons, with any use thereof to be at their independent discretion and risk. **McNICHOLS** shall have no responsibility or liability for results obtained or damages resulting from improper evaluation or use of Interlocking Plank Flooring.

 Solid surface profile is ADA compliant when installed multiple pieces to width regardless of the direction of travel.

