

THICK	DEPTH (mm)	LBS./LF (kg/m)	LOAD/ DEFL	CLEAR SPAN												
				24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"
.0800"	1-1/2" (38.1)	0.85 (1.26)	U	998	639	443	326	248	196	159	131	110	94	--	--	--
			D	0.10	0.15	0.22	0.31	0.40	0.51	0.63	0.76	0.90	1.08	--	--	--
			C	395	316	263	226	197	175	157	143	131	121	--	--	--
			D	0.08	0.12	0.18	0.25	0.32	0.41	0.50	0.61	0.73	0.85	--	--	--
	2" (50.8)	0.92 (1.37)	U	1463	937	650	478	366	289	234	194	162	138	119	--	--
			D	0.08	0.13	0.18	0.25	0.33	0.42	0.52	0.63	0.74	0.87	1.02	--	--
			C	579	463	386	331	290	257	232	211	192	177	165	--	--
			D	0.06	0.10	0.15	0.20	0.27	0.34	0.42	0.51	0.59	0.69	0.80	--	--
	2-1/2" (63.5)	1.00 (1.48)	U	2199	1407	977	718	550	434	352	291	244	208	179	156	137
			D	0.07	0.10	0.15	0.21	0.28	0.35	0.43	0.53	0.63	0.74	0.85	0.98	1.12
			C	870	696	580	497	435	387	348	316	290	268	249	232	218
			D	0.05	0.08	0.12	0.17	0.22	0.28	0.35	0.42	0.50	0.59	0.68	0.78	0.89
.1000"	1-1/2" (38.1)	1.08 (1.6)	U	1136	727	505	371	284	224	181	149	125	107	--	--	--
			D	0.09	0.15	0.22	0.30	0.39	0.50	0.63	0.76	0.90	1.08	--	--	--
			C	450	360	300	257	225	200	179	162	149	137	--	--	--
			D	0.07	0.12	0.17	0.24	0.31	0.40	0.51	0.61	0.73	0.85	--	--	--
	2" (50.8)	1.20 (1.78)	U	2049	1312	911	669	512	405	328	271	228	194	167	146	128
			D	0.09	0.14	0.20	0.28	0.37	0.46	0.58	0.70	0.83	0.98	1.13	1.30	1.48
			C	811	649	541	464	406	361	325	295	270	250	232	216	203
			D	0.07	0.11	0.16	0.22	0.29	0.37	0.46	0.56	0.66	0.78	0.90	1.04	1.18
	2-1/2" (63.5)	1.31 (1.95)	U	2820	1805	1253	921	705	557	451	373	313	267	230	201	176
			D	0.07	0.11	0.16	0.22	0.28	0.36	0.45	0.54	0.64	0.76	0.88	1.01	1.15
			C	1116	893	744	638	558	496	446	406	372	343	319	298	279
			D	0.05	0.09	0.12	0.17	0.23	0.29	0.36	0.43	0.51	0.60	0.70	0.81	0.92

U - Uniform Load - Lbs. per Square Foot

D - Deflection - in Inches

C - Concentrated Load - Lbs. per Square Foot of Width at Mid Span

- Span and loading values to the left of the bolded black line produce a deflection of 1/4" or less under a uniform load of 100 lbs. per square foot, allowing for safe pedestrian comfort. Span and loading values to the right of the bolded black line are applicable to other types of loads at the discretion of a licensed engineer.
- 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 Plank Grating.

