

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)	2.11 (3.13)	U	253	162	112	83	--	--	--	--	--	--	--	--	--	--
			D	0.49	0.40	0.39	0.44	--	--	--	--	--	--	--	--	--	--
			C	198	158	132	113	--	--	--	--	--	--	--	--	--	--
			D	0.24	0.22	0.22	0.24	--	--	--	--	--	--	--	--	--	--
	2" (50.8)	2.20 (3.27)	U	308	237	165	121	93	73	59	49	--	--	--	--	--	--
			D	0.54	0.50	0.44	0.44	0.47	0.53	0.61	0.71	--	--	--	--	--	
			C	290	232	193	166	145	129	116	106	--	--	--	--	--	
			D	0.32	0.28	0.27	0.27	0.28	0.30	0.32	0.36	--	--	--	--	--	
	2-1/2" (63.5)	2.29 (3.40)	U	308	308	248	182	139	110	89	74	62	53	--	--	--	
			D	0.51	0.57	0.54	0.49	0.50	0.52	0.57	0.65	0.73	0.83	--	--		
			C	350	348	290	249	218	194	174	158	145	134	--	--		
			D	0.37	0.39	0.35	0.33	0.33	0.34	0.35	0.37	0.40	0.43	--	--		
3" (76.2)	2.39 (3.55)	U	308	308	308	223	171	135	109	90	76	65	56	49	--		
		D	0.50	0.54	0.62	0.54	0.52	0.52	0.56	0.61	0.68	0.76	0.86	0.96			
		C	350	350	350	306	268	238	214	195	178	165	153	143			
		D	0.37	0.38	0.41	0.38	0.37	0.37	0.37	0.39	0.40	0.43	0.46	0.50			
.1000"	1-1/2" (38.1)	2.68 (3.98)	U	288	184	128	94	72	57	--	--	--	--	--	--		
			D	0.41	0.36	0.36	0.40	0.47	0.56	--	--	--	--	--			
			C	225	180	150	129	113	100	--	--	--	--	--			
			D	0.18	0.18	0.19	0.21	0.23	0.27	--	--	--	--	--			
	2" (50.8)	2.79 (4.15)	U	457	332	231	170	130	103	83	69	58	49	--	--		
			D	0.59	0.51	0.46	0.47	0.52	0.57	0.67	0.78	0.89	1.03	--	--		
			C	406	325	271	232	203	181	163	148	135	125	--	--		
			D	0.29	0.26	0.25	0.26	0.28	0.30	0.33	0.37	0.42	0.47	--	--		
	2-1/2" (63.5)	2.91 (4.33)	U	457	457	317	233	179	141	114	94	79	68	58	51	45	
			D	0.55	0.62	0.51	0.48	0.48	0.52	0.58	0.64	0.73	0.84	0.94	1.07	1.20	
			C	550	447	372	319	279	248	223	203	186	172	160	149	140	
			D	0.37	0.32	0.30	0.29	0.29	0.30	0.32	0.35	0.38	0.41	0.46	0.52	0.55	
3" (76.2)	3.02 (4.50)	U	457	457	410	301	231	182	148	122	102	87	75	66	58		
		D	0.53	0.57	0.58	0.51	0.48	0.48	0.51	0.56	0.61	0.69	0.76	0.85	0.95		
		C	550	550	481	412	360	320	288	262	240	222	206	192	180		
		D	0.37	0.39	0.37	0.35	0.34	0.34	0.36	0.38	0.41	0.44	0.48	0.52	0.57		

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.

