


DEPTH (mm)	LBS./LF (kg/m)		LOAD/ DEFL	CLEAR SPAN												
	DIA-VENT	SOLID		24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"
1-1/4" (31.8)	1.10 (1.64)	1.29 (1.92)	U	739	473	328	241	182	146	118	98	82	70	60	53	46
			D	0.183	0.220	0.320	0.440	0.570	1.179	1.300	1.405	1.460	1.881	2.724	3.000	3.460
			C	370	296	246	211	185	164	148	134	123	114	106	99	93
			D	0.133	0.180	0.260	0.350	0.460	0.613	0.710	0.860	1.030	1.200	1.610	1.690	1.820

**U** - Uniform Load - Lbs./Sf. **D** - Deflection in Inches **C** - Concentrated Load - Lbs./Ft. of Width at Mid Span | Load table values are based on the diamond-vented surface profile. Loading and deflection values are theoretical and based on a tensile bending stress of 19,000 PSI. 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./Sf., 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.

 Solid surface profile qualifies for use in ADA compliant applications when installed using multiple pieces to width regardless of the direction of travel.