



LOAD TABLE¹ FOR STRUCTURAL FLOOR DECK APPLICATIONS

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Uniformly Distributed Loads - Lbs per square foot Span: Center-to-center of supports (inches)		MULTI SPAN UNIFORM LOAD			MULTI SPAN PARTIAL LOAD		
PANEL THICKNESS	LOAD GOVERNED BY *	12"	16"	24"	12"	16"	24"
19mm (3/4")	L/240 ▲ limit between supports	973*	547*	243*	1005*	513	152
	L/360 ▲ limit between supports	973*	491	145	811	342	101
	L/480 ▲ limit between supports	872	368	109	608	256	76
	L/600 ▲ limit between supports	698	294	87	486	205	61

* Values marked with an asterik (*) are governed by bending strength. The above table uses a bending strength of 3,342psi and Modulus of Elasticity in bending of 986,000 psi as tested in PEI 2018-6168. The above values are for loading with panels perpendicular to supports under "dry conditions" only.

¹ Service Load (ASD)

² Values in this table generated by PEI 2016-6168

³ A safety factor of 2.5 is used for bending and shear during the preparation of the data presented in this table.

⁴ Concentrated, dynamic & diaphragm loads have not been addressed by this table.

⁵ Weight of panel and flooring must be subtracted from table values to calculate live load capacity.

⁶ Failure to follow manufacturer's installation instructions will affect performance.

⁷ Minimum 19mm (3/4") thick panels for structural floor applications, maximum span of 24" on center. Underlayments may be required.

⁸ All NOCOM[®] installations must be designed and reviewed by a qualified architect or engineer. Must comply with local building code requirements for loading.

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