

B-DECK

We recommend that a minimum of .9 mm metal B Deck be used on all 19 mm ResinDek® flooring projects and a minimum of 1.2 mm when live and dead pallet jack loads exceed 1,135 kgs.

Mezzanine B-Deck 38 mm Allowable Uniform Loads (kN/m²) that Produce L/240 Deflection

Number of Spans	B-Deck Thickness	Min Yield (MPa)	914 mm	1067 mm	1219 mm	1372 mm	1524 mm	1676 mm	1829 mm	1981 mm	2134 mm	2286 mm
Single	0.9 mm	413	22.1	13.9	9.3	6.6	4.8	3.6	2.8	2.2	1.7	1.4
	1.2 mm	413	31.5	19.8	13.3	9.3	6.8	5.1	3.9	3.1	2.5	2
	1.5 mm	227	*	*	*	*	8.9	6.7	5.2	4.1	3.3	2.6
Double	0.9 mm	413	*	*	*	*	*	*	*	5.6	4.5	3.6
	1.2 mm	413	*	*	*	*	*	*	9.7	7.6	6.1	4.9
	1.5 mm	227	*	*	*	*	*	*	*	*	*	*
Triple	0.9 mm	413	*	*	18.6	13.1	9.5	7.1	5.5	4.4	3.4	2.8
	1.2 mm	413	*	*	25.6	18	13.1	9.8	7.6	5.9	4.8	3.9
	1.5 mm	227	*	*	*	*	*	*	*	*	6.1	5

NOTE: *Allowable Uniform Load shown only, L/240 Exceeds Allowable Load