

B-DECK AND N-DECK FOR ELEVATED PLATFORMS

Cornerstone Specialty Wood Products, LLC® provides corrugated metal deck products in a variety of profiles, thicknesses, yield strengths and finishes. The Engineers at Cornerstone Specialty Wood Products will help you optimize sizes, runs, steel thicknesses, corrugated profiles, and beam spacings, thus saving you time and money. To assist with the ease of installation we can even supply pre-punched B Deck and N Deck for use with our Invisi-Loc® underside fastening system.

Corrugated metal deck products are available in a variety of gauges and finishes. A bright white underside is available for excellent light reflectivity, but gray primer, galvanized or stainless steel is also available. We recommend that a minimum of 20 gauge metal B Deck and N Deck be used on all 3/4" ResinDek® flooring projects.

B-DECK

We recommend that a minimum of 20 gauge metal B Deck be used on all 3/4" ResinDek® flooring projects and a minimum of 18 gauge when live and dead pallet jack loads exceed 2,500 lbs.

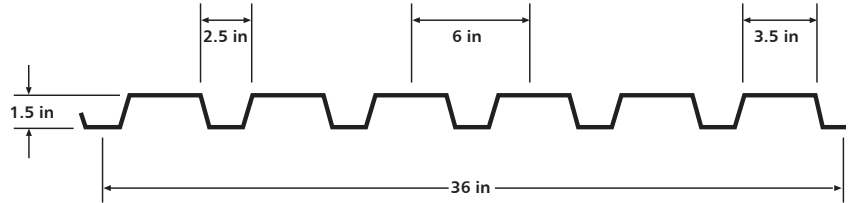
Mezzanine B-Deck 1.5" Allowable Uniform Load (PSF)/Loads that Produce L/240 Deflection

Number of Spans	Gauge	Min Yield (KSI)	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"
Single	20	60	565 / 462	415 / 291	318 / 195	251 / 137	203 / 100	168 / 75	141 / 58	120 / 45	104 / 36	90 / 30
	18	60	792 / 658	582 / 414	445 / 278	352 / 195	285 / 142	236 / 107	198 / 82	169 / 65	145 / 52	127 / 42
	16	33	575*	422*	323*	255*	207 / 186	171 / 140	144 / 108	122 / 85	106 / 68	92 / 55
Double	20	60	563*	418*	322*	256*	208*	172*	145*	124 / 116	107 / 93	93 / 75
	18	60	788*	586*	452*	359*	292*	242*	204 / 202	174 / 159	150 / 127	131 / 103
	16	33	552*	410*	317*	252*	205*	170*	143*	122*	105*	92*
Triple	20	60	692*	516*	399 / 388	317 / 273	258 / 199	214 / 149	180 / 115	154 / 91	133 / 72	116 / 59
	18	60	966*	722*	558 / 534	445 / 375	362 / 273	300 / 205	253 / 158	216 / 124	187 / 100	163 / 81
	16	33	676*	505*	391*	311*	254*	210*	177*	152*	131 / 128	114 / 104

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

B-Deck Physical Properties

Gauge	Thickness (in)	Weight (lb/ft ²)	
		Painted	Galvanized
20	.0358	2.1	2.2
18	.0474	2.8	2.9
16	.0598	3.4	3.5



N-DECK

N-Deck can be used for pallet jacks as well as robots - please contact Cornerstone Specialty Wood Products for warranted capabilities.

Mezzanine N-Deck 3.0" Allowable Uniform Load (PSF)/Loads that Produce L/240 Deflection

Number of Spans	Gauge	Min Yield (KSI)	84"	90"	96"	102"	108"	116"	120"	126"	132"	138"
Single	20	60	219 / 160	191 / 130	168 / 107	149 / 89	133 / 75	119 / 64	108 / 55	98 / 47	89 / 41	81 / 36
	18	60	325 / 236	283 / 192	249 / 158	220 / 132	196 / 111	176 / 94	159 / 81	144 / 70	132 / 61	120 / 53
	16	40	290*	253*	222*	197 / 186	175 / 157	157 / 133	142 / 114	129 / 99	117 / 86	107 / 75
Double	20	60	224*	209*	189*	168*	150*	135*	122*	111*	101*	92*
	18	60	349*	304*	268*	238*	213*	191*	173*	157*	143*	131*
	16	40	305*	266*	234*	208*	186*	167*	151*	137*	125*	114*
Triple	20	60	255*	238*	223*	208 / 192	186 / 161	167 / 137	151 / 118	137 / 102	125 / 88	115 / 77
	18	60	430*	378*	333 / 323	295 / 269	264 / 227	237 / 193	215 / 165	195 / 143	178 / 124	163 / 109
	16	40	378*	330*	291*	258*	231*	207*	187*	170*	155*	142*

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

Gauge	Thickness (in)	Weight (lb/ft ²)	
		Painted	Galvanized
20	.0358	2.5	2.5
18	.0474	3.2	3.3
16	.0598	4.1	4.2

