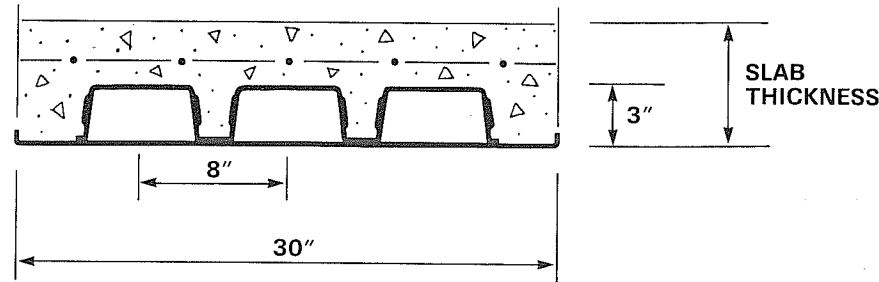


Load Tables

3" NF_M (30")

light weight concrete
20-20 gage



steel deck properties

+S (in. ³)	-S (in. ³)	S _B (in. ³)	I _D (in. ⁴)	I _F (in. ⁴)	$\bar{y}$ (in.)	A _s (in. ²)
0.481	0.716	1.374	1.194	1.704	1.106	1.014

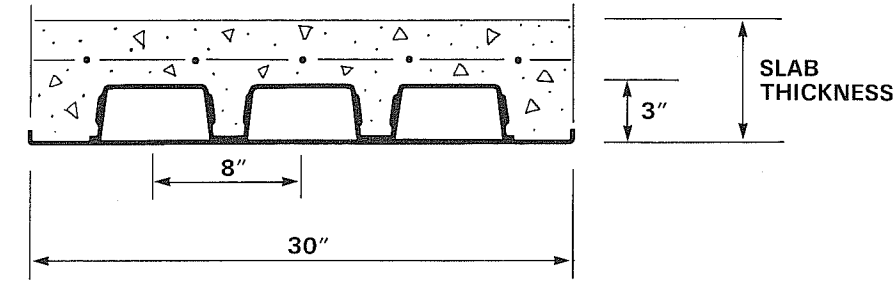
Hi-Bond composite slab properties

Slab Thickness (in.)	5.500			6.000			6.250			6.500			7.000			7.250		
DL (psf)	39.000			44.000			46.000			49.000			53.000			55.000		
V (lbs.)	900.000			1000.000			1050.000			1100.000			1200.000			1250.000		
Unshored																		
I (in. ⁴)	9.620			11.960			13.257			14.640			17.668			19.315		
S (in. ³)	2.961			3.340			3.536			3.735			4.142			4.349		
nS _t (in. ³)	59.815			69.200			74.216			79.437			90.466			96.263		
Shored																		
I (in. ⁴)	6.830			7.913			8.611			9.425			11.374			12.455		
S (in. ³)	2.277			2.638			2.870			3.142			3.587			3.772		
nS _t (in. ³)	114.736			110.780			111.278			113.097			124.773			132.494		
Deck Span Condition	S	D	T	S	D	T	S	D	T	S	D	T	S	D	T	S	D	T
7.00	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
7.50	240	240	240	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
8.00	225	225	225	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
8.50	211	211	211	235	235	235	247	247	247	250	250	250	250	250	250	250	250	250
9.00	200	200	200	222	222	222	233	233	233	244	244	244	250	250	250	250	250	250
9.50	189	189	189	210	210	210	221	221	221	231	231	231	219‡	250	250	218‡	250	250
10.00	180	180	180	172‡	200	200	181‡	210	210	189‡	220	220	206‡	240	240	205‡	240	240
10.50	147‡	171	171	162‡	190	190	171‡	200	200	178‡	209	209	195‡	228	228	194‡	228	228
11.00	139‡	163	163	154‡	181	181	162‡	190	190	169‡	200	200	185‡	185‡	185‡	183‡	183‡	183‡
11.50	132‡	156	156	146‡	173	173	153‡	153‡	153‡	160‡	160‡	160‡	175‡	175‡	175‡	174‡	174‡	174‡
12.00	125‡	150	150	139‡	139‡	139‡	146‡	146‡	146‡	152‡	152‡	152‡	166‡	166‡	166‡	165‡	165‡	165‡
12.50	119‡	119‡	119‡	132‡	132‡	132‡	139‡	139‡	139‡	145‡	145‡	145‡	158‡	158‡	158‡	157‡	157‡	157‡
13.00	114‡	114‡	114‡	126‡	126‡	126‡	132‡	132‡	132‡	138‡	138‡	138‡	151‡	151‡	151‡	150‡	150‡	150‡
13.50	108‡	108‡	108‡	120‡	120‡	120‡	126‡	126‡	126‡	132‡	132‡	132‡	144‡	144‡	144‡	143‡	143‡	143‡
14.00	104‡	104‡	104‡	115‡	115‡	115‡	121‡	121‡	121‡	126‡	126‡	126‡	138‡	138‡	138‡	137‡	137‡	137‡
14.50	99‡	99‡	99‡	110‡	110‡	110‡	116‡	116‡	116‡	121‡	121‡	121‡	132‡	132‡	132‡	131‡	131‡	131‡
15.00	95‡	95‡	95‡	105‡	105‡	105‡	111‡	111‡	111‡	116‡	116‡	116‡	126‡	126‡	126‡	125‡	125‡	125‡
15.50	91‡	91‡	91‡	101‡	101‡	101‡	106‡	106‡	106‡	111‡	111‡	111‡	121‡	121‡	121‡	120‡	120‡	120‡
16.00	88‡	88‡	88‡	97‡	97‡	97‡	102‡	102‡	102‡	106‡	106‡	106‡	116‡	116‡	116‡	115‡	115‡	115‡
16.50	84‡	84‡	84‡	93‡	93‡	93‡	98‡	98‡	98‡	102‡	102‡	102‡	112‡	112‡	112‡	111‡	111‡	111‡
17.00	81‡	81‡	81‡	90‡	90‡	90‡	94‡	94‡	94‡	98‡	98‡	98‡	108‡	108‡	108‡	106‡	106‡	106‡

‡ Indicates shore is required.

INRYCO® Hi-Bond®
Composite Slab Load Tables

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Composite Slab Load Tables



steel deck properties

+S (in. ³)	-S (in. ³)	S _B (in. ³)	I _D (in. ⁴)	I _F (in. ⁴)	$\bar{y}$ (in.)	A _s (in. ²)
0.481	0.716	1.374	1.194	1.704	1.106	1.014

Hi-Bond composite slab properties

Slab Thickness (in.)	5.500			6.000			6.250			6.500			7.000			7.250		
DL (psf)	51.000			57.000			60.000			63.000			69.000			72.000		
V (lbs.)	900.000			1000.000			1050.000			1100.000			1200.000			1250.000		
Unshored																		
I (in. ⁴)	11.055			13.733			15.210			16.781			20.206			22.061		
S (in. ³)	3.100			3.496			3.699			3.905			4.326			4.539		
nS _r (in. ³)	51.440			59.655			64.022			68.554			78.092			83.089		
Shored																		
I (in. ⁴)	7.656			9.339			10.352			11.438			13.833			15.144		
S (in. ³)	2.552			3.078			3.259			3.444			3.826			4.021		
nS _r (in. ³)	82.688			85.011			90.939			97.147			110.367			117.362		
Deck Span Condition	S	D	T	S	D	T	S	D	T	S	D	T	S	D	T	S	D	T
7.00	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
7.50	240	240	240	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
8.00	225	225	225	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
8.50	211	211	211	235	235	235	247	247	247	250	250	250	239‡	250	250	237‡	250	250
9.00	200	200	200	222	222	222	195‡	233	233	205‡	244	244	223‡	250	250	221‡	250	250
9.50	157‡	189	189	174‡	210	210	183‡	221	221	192‡	231	231	209‡	250	250	207‡	250	250
10.00	148‡	180	180	164‡	200	200	172‡	210	210	180‡	220	220	196‡	196‡	196‡	195‡	195‡	195‡
10.50	139‡	171	171	154‡	190	190	162‡	162‡	162‡	170‡	170‡	170‡	185‡	185‡	185‡	183‡	183‡	183‡
11.00	131‡	131‡	131‡	146‡	146‡	146‡	153‡	153‡	153‡	160‡	160‡	160‡	175‡	175‡	175‡	173‡	173‡	173‡
11.50	124‡	124‡	124‡	138‡	138‡	138‡	145‡	145‡	145‡	151‡	151‡	151‡	165‡	165‡	165‡	163‡	163‡	163‡
12.00	118‡	118‡	118‡	131‡	131‡	131‡	137‡	137‡	137‡	143‡	143‡	143‡	156‡	156‡	156‡	155‡	155‡	155‡
12.50	112‡	112‡	112‡	124‡	124‡	124‡	130‡	130‡	130‡	136‡	136‡	136‡	148‡	148‡	148‡	147‡	147‡	147‡
13.00	106‡	106‡	106‡	118‡	118‡	118‡	124‡	124‡	124‡	129‡	129‡	129‡	141‡	141‡	141‡	139‡	139‡	139‡
13.50	101‡	101‡	101‡	112‡	112‡	112‡	118‡	118‡	118‡	123‡	123‡	123‡	134‡	134‡	134‡	132‡	132‡	132‡
14.00	96‡	96‡	96‡	107‡	107‡	107‡	112‡	112‡	112‡	117‡	117‡	117‡	128‡	128‡	128‡	126‡	126‡	126‡
14.50	92‡	92‡	92‡	102‡	102‡	102‡	107‡	107‡	107‡	112‡	112‡	112‡	122‡	122‡	122‡	120‡	120‡	120‡
15.00	88‡	88‡	88‡	97‡	97‡	97‡	102‡	102‡	102‡	107‡	107‡	107‡	116‡	116‡	116‡	115‡	115‡	115‡
15.50	84‡	84‡	84‡	93‡	93‡	93‡	97‡	97‡	97‡	102‡	102‡	102‡	111‡	111‡	111‡	109‡	109‡	109‡
16.00	80‡	80‡	80‡	89‡	89‡	89‡	93‡	93‡	93‡	98‡	98‡	98‡	106‡	106‡	106‡	105‡	105‡	105‡
16.50	77‡	77‡	77‡	85‡	85‡	85‡	89‡	89‡	89‡	93‡	93‡	93‡	102‡	102‡	102‡	100‡	100‡	100‡
17.00	74‡	74‡	74‡	82‡	82‡	82‡	86‡	86‡	86‡	90‡	90‡	90‡	98‡	98‡	98‡	96‡	96‡	96‡

‡ Indicates shore is required.

Load Tables

3" NF_M (30")

regular weight concrete
20-20 gage