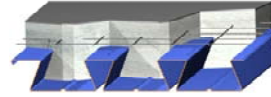


SECTION PROPERTIES

Fy = 276 MPa

GAGE	Wd	I _D	Sp	Sn	Rbe			Rbi		
					51 mm	76 mm	102 mm	102 mm	127 mm	152 mm
20	16.25	2674779	1047270	1119646	13.52	15.50	17.17	27.53	29.61	31.50
18	21.49	3638110	1514438	1624641	22.84	26.02	28.70	45.77	49.06	52.04
16	27.07	4635309	2054255	2102870	35.16	39.83	43.77	69.69	74.47	78.80



SIMPLE SPAN - MAXIMUM SUPERIMPOSED LSD LOADS, (kPa), NO STUDS ON BEAMS													
h (Wc)		140 mm (272.86)			146 mm (287.61)			152 mm (302.35)			159 mm (317.1)		
Span (mm)	Load Combinations	GAGE											
		20	18	16	20	18	16	20	18	16	20	18	16
3960	α _D D+α _L L (Strength)	5.73	11.87	17.26	9.02	12.18	18.54	9.55	12.33	19.33	10.08	12.43	19.92
	D+L (Deflection)	5.73	11.87	17.26	9.02	12.18	18.54	9.55	12.33	19.15	10.08	12.43	19.15
	L (Deflection)	5.73	11.87	16.95	9.02	12.18	18.54	9.55	12.33	19.15	10.08	12.43	19.15
4260	α _D D+α _L L (Strength)	7.05	8.73	13.55	7.50	8.81	14.44	7.94	13.25	14.93	8.38	14.33	15.25
	D+L (Deflection)	7.05	8.73	13.55	7.50	8.81	14.44	7.94	13.25	14.93	8.38	14.33	15.25
	L (Deflection)	7.05	8.73	13.55	7.50	8.81	14.44	7.94	13.25	14.93	8.38	14.33	15.25
4570	α _D D+α _L L (Strength)	5.90	9.47	10.55	6.27	10.05	11.43	6.65	10.91	12.13	7.02	11.82	13.12
	D+L (Deflection)	5.90	9.47	10.55	6.27	10.05	11.43	6.65	10.91	12.13	7.02	11.82	13.12
	L (Deflection)	5.90	9.47	10.55	6.27	10.05	11.43	6.65	10.91	12.13	7.02	11.82	13.12
4870	α _D D+α _L L (Strength)	4.97	7.78	9.95	5.28	8.26	9.46	5.59	8.98	10.05	5.91	9.76	10.89
	D+L (Deflection)	4.97	7.78	9.95	5.28	8.26	9.46	5.59	8.98	10.05	5.91	9.76	10.89
	L (Deflection)	4.97	7.78	9.09	5.28	8.26	9.46	5.59	8.98	10.05	5.91	9.76	10.89
5180	α _D D+α _L L (Strength)	4.20	6.38	8.29	4.46	6.78	7.83	4.73	7.39	8.33	5.00	8.05	9.05
	D+L (Deflection)	4.20	6.38	8.29	4.46	6.78	7.83	4.73	7.39	8.33	5.00	8.05	9.05
	L (Deflection)	4.20	6.38	7.58	4.46	6.78	7.83	4.73	7.39	8.33	5.00	8.05	9.05
5480	α _D D+α _L L (Strength)	3.56	5.20	6.90	3.78	5.53	6.47	4.01	6.06	6.88	4.24	6.62	7.50
	D+L (Deflection)	3.56	5.20	6.63	3.78	5.53	6.47	4.01	6.06	6.88	4.24	6.62	7.50
	L (Deflection)	3.56	5.20	6.38	3.78	5.53	6.47	4.01	6.06	6.88	4.24	6.62	7.50
5790	α _D D+α _L L (Strength)	3.02	4.20	5.72	3.21	4.48	5.31	3.41	4.93	5.66	3.60	5.41	6.19
	D+L (Deflection)	3.02	4.20	5.20	3.21	4.48	5.31	3.41	4.93	5.66	3.60	5.41	6.19
	L (Deflection)	3.02	4.20	5.20	3.21	4.48	5.31	3.41	4.93	5.66	3.60	5.41	6.19
6090	α _D D+α _L L (Strength)	2.56	3.35	4.72	2.73	3.58	4.32	2.90	3.96	4.62	3.06	4.38	5.07
	D+L (Deflection)	2.56	3.35	4.04	2.73	3.58	4.32	2.90	3.96	4.62	3.06	4.38	5.07
	L (Deflection)	2.56	3.35	4.04	2.73	3.58	4.32	2.90	3.96	4.62	3.06	4.38	5.07
6400	α _D D+α _L L (Strength)	1.91	2.62	3.85	2.17	2.81	3.47	2.45	3.13	3.72	2.16	3.49	4.11
	D+L (Deflection)	1.91	2.57	3.09	2.17	2.81	3.47	2.45	3.13	3.72	2.16	3.49	4.11
	L (Deflection)	1.91	2.57	3.09	2.17	2.81	3.47	2.45	3.13	3.72	2.16	3.49	4.11
6700	α _D D+α _L L (Strength)	1.35	1.99	3.10	1.56	2.14	2.73	1.66	2.41	2.94	1.77	2.72	3.28
	D+L (Deflection)	1.35	1.86	2.30	1.56	2.14	2.73	1.66	2.41	2.94	1.77	2.72	3.28
	L (Deflection)	1.35	1.86	2.30	1.56	2.14	2.73	1.66	2.41	2.94	1.77	2.72	3.28
7010	α _D D+α _L L (Strength)	1.17	1.44	2.45	1.25	1.55	2.09	1.34	1.79	2.26	1.67	2.04	2.55
	D+L (Deflection)	0.90	1.27	1.64	1.23	1.55	2.05	1.34	1.79	2.26	1.67	2.04	2.55
	L (Deflection)	0.90	1.27	1.64	1.23	1.55	2.05	1.34	1.79	2.26	1.67	2.04	2.55
7310	α _D D+α _L L (Strength)	0.92	0.95	1.87	1.21	1.04	1.53	1.29	1.24	1.66	1.37	1.45	1.91
	D+L (Deflection)	0.45	0.77	1.09	0.73	1.04	1.43	1.04	1.24	1.66	1.37	1.45	1.91
	L (Deflection)	0.45	0.77	1.09	0.73	1.04	1.43	1.04	1.24	1.66	1.37	1.45	1.91
7610	α _D D+α _L L (Strength)	0.91	0.52	1.36	0.98	0.59	1.03	1.05	0.75	1.14	1.11	0.93	1.35
	D+L (Deflection)	0.07	0.35	0.63	0.30	0.59	0.91	0.56	0.75	1.14	0.85	0.93	1.35
	L (Deflection)	0.07	0.35	0.63	0.30	0.59	0.91	0.56	0.75	1.14	0.85	0.93	1.35
MAXIMUM UNSHORED CONSTRUCTION CLEAR SPANS													
1span	4025	4345	4600	3955	4290	4545	3875	4245	4495	3800	4195	4445	
2span	3360	4370	5225	3285	4275	5120	3215	4190	5020	3140	4105	4930	
3span	3480	4525	5390	3400	4430	5300	3325	4335	5195	3255	4250	5100	
cantilever	1780	2145	2315	1750	2105	2275	1720	2075	2245	1695	2045	2210	
Concrete Volume (m ³ /m ²)	0.117			0.124			0.130			0.137			

3960	α _D D+α _L L (Strength)	5.73	← Max. superimposed LSD factored dead + live load (kPa) (governed by strength limitation)
	D+L (Deflection)	5.73	← Max. superimposed LSD unfactored dead + live load (kPa) (governed by deflection limitation of L/240)
	L (Deflection)	5.73	← Max. superimposed LSD unfactored live load (kPa) (governed by deflection limitation of L/360)
Vertical load span (center to center spacing)			

Wd Weight of deck (uncoated), kg/m²

I_D Moment of inertia for deflection per foot of deck width mm⁴/m

Sp Section modulus for positive bending per foot of deck width, mm³/m

Sn Section modulus for negative bending per foot of deck width, mm³/m

f_c 21 MPa

α_D, α_L Load factors for dead and live loads, respectively, to be applied by Engineer in accordance with Building Codes

Construction spans shown based on 51 mm exterior bearing and 102 mm interior bearing width.

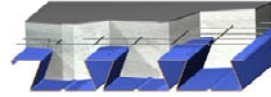
The section property table is based on 2001 AISI's Cold-Formed Steel Design Manual, 2004 Supplement. The live loads and unshored construction clear spans are based on the Canadian Sheet Steel Building Institute's Standard for Composite Steel Deck (CSSBI 12M-06), September 2006 and Criteria for the Design of Composite Slabs (CSSBI S3-2002), September 2003. The loads in these tables are based on a Simple Span Design Analysis.

2320 KG/M³ CONCRETE

SECTION PROPERTIES

Fy = 276 MPa

GAGE	Wd	I _D	Sp	Sn	Rbe			Rbi		
					51 mm	76 mm	102 mm	102 mm	127 mm	152 mm
20	16.25	2674779	1047270	1119646	13.52	15.50	17.17	27.53	29.61	31.50
18	21.49	3638110	1514438	1624641	22.84	26.02	28.70	45.77	49.06	52.04
16	27.07	4635309	2054255	2102870	35.16	39.83	43.77	69.69	74.47	78.80



SIMPLE SPAN - MAXIMUM SUPERIMPOSED LSD LOADS, (kPa), NO STUDS ON BEAMS													
h (Wc)		165 mm (331.85)			171 mm (346.6)			178 mm (361.35)			184 mm (376.1)		
Span (mm)	Load Combinations	GAGE											
		20	18	16	20	18	16	20	18	16	20	18	16
3960	α _D D+α _L L (Strength)	10.61	12.46	20.47	11.15	12.44	20.97	11.68	12.34	21.43	12.21	12.17	21.82
	D+L (Deflection)	10.61	12.46	19.15	11.15	12.44	19.15	11.68	12.34	19.15	12.21	12.17	19.15
	L (Deflection)	10.61	12.46	19.15	11.15	12.44	19.15	11.68	12.34	19.15	12.21	12.17	19.15
4260	α _D D+α _L L (Strength)	8.82	15.47	15.52	9.27	16.67	15.74	9.71	17.93	15.90	10.15	19.23	16.01
	D+L (Deflection)	8.82	15.47	15.52	9.27	16.67	15.74	9.71	17.93	15.90	10.15	19.15	16.01
	L (Deflection)	8.82	15.47	15.52	9.27	16.67	15.74	9.71	17.93	15.90	10.15	19.15	16.01
4570	α _D D+α _L L (Strength)	7.39	12.78	14.17	7.76	13.80	15.27	8.13	14.86	16.42	8.50	15.97	17.63
	D+L (Deflection)	7.39	12.78	14.17	7.76	13.80	15.27	8.13	14.86	16.42	8.50	15.97	17.63
	L (Deflection)	7.39	12.78	14.17	7.76	13.80	15.27	8.13	14.86	16.42	8.50	15.97	17.63
4870	α _D D+α _L L (Strength)	6.22	10.58	11.78	6.54	11.44	12.73	6.85	12.35	13.71	7.17	13.30	14.75
	D+L (Deflection)	6.22	10.58	11.78	6.54	11.44	12.73	6.85	12.35	13.71	7.17	13.30	14.75
	L (Deflection)	6.22	10.58	11.78	6.54	11.44	12.73	6.85	12.35	13.71	7.17	13.30	14.75
5180	α _D D+α _L L (Strength)	5.27	8.75	9.81	5.53	9.49	10.62	5.80	10.27	11.47	6.07	11.08	12.36
	D+L (Deflection)	5.27	8.75	9.81	5.53	9.49	10.62	5.80	10.27	11.47	6.07	11.08	12.36
	L (Deflection)	5.27	8.75	9.81	5.53	9.49	10.62	5.80	10.27	11.47	6.07	11.08	12.36
5480	α _D D+α _L L (Strength)	4.47	7.22	8.16	4.70	7.86	8.85	4.92	8.53	9.59	5.15	9.23	10.36
	D+L (Deflection)	4.47	7.22	8.16	4.70	7.86	8.85	4.92	8.53	9.59	5.15	9.23	10.36
	L (Deflection)	4.47	7.22	8.16	4.70	7.86	8.85	4.92	8.53	9.59	5.15	9.23	10.36
5790	α _D D+α _L L (Strength)	3.80	5.93	6.76	3.99	6.47	7.36	4.19	7.05	7.99	4.38	7.66	8.66
	D+L (Deflection)	3.80	5.93	6.76	3.99	6.47	7.36	4.19	7.05	7.99	4.38	7.66	8.66
	L (Deflection)	3.80	5.93	6.76	3.99	6.47	7.36	4.19	7.05	7.99	4.38	7.66	8.66
6090	α _D D+α _L L (Strength)	3.23	4.82	5.56	2.92	5.29	6.08	3.07	5.79	6.63	3.21	6.32	7.22
	D+L (Deflection)	3.23	4.82	5.56	2.92	5.29	6.08	3.07	5.79	6.63	3.21	6.32	7.22
	L (Deflection)	3.23	4.82	5.56	2.92	5.29	6.08	3.07	5.79	6.63	3.21	6.32	7.22
6400	α _D D+α _L L (Strength)	2.29	3.87	4.53	2.41	4.28	4.99	2.53	4.71	5.46	2.66	5.16	5.97
	D+L (Deflection)	2.29	3.87	4.53	2.41	4.28	4.99	2.53	4.71	5.46	2.66	5.16	5.97
	L (Deflection)	2.29	3.87	4.53	2.41	4.28	4.99	2.53	4.71	5.46	2.66	5.16	5.97
6700	α _D D+α _L L (Strength)	1.87	3.04	3.64	2.24	3.40	4.03	2.36	3.77	4.45	2.47	4.16	4.89
	D+L (Deflection)	1.87	3.04	3.64	2.24	3.40	4.03	2.36	3.77	4.45	2.47	4.16	4.89
	L (Deflection)	1.87	3.04	3.64	2.24	3.40	4.03	2.36	3.77	4.45	2.47	4.16	4.89
7010	α _D D+α _L L (Strength)	1.77	2.33	2.86	1.86	2.63	3.20	1.96	2.95	3.57	2.06	3.29	3.95
	D+L (Deflection)	1.77	2.33	2.86	1.86	2.63	3.20	1.96	2.95	3.57	2.06	3.29	3.95
	L (Deflection)	1.77	2.33	2.86	1.86	2.63	3.20	1.96	2.95	3.57	2.06	3.29	3.95
7310	α _D D+α _L L (Strength)	1.45	1.69	2.18	1.54	1.95	2.47	1.62	2.23	2.79	1.70	2.53	3.12
	D+L (Deflection)	1.45	1.69	2.18	1.54	1.95	2.47	1.62	2.23	2.79	1.70	2.53	3.12
	L (Deflection)	1.45	1.69	2.18	1.54	1.95	2.47	1.62	2.23	2.79	1.70	2.53	3.12
7610	α _D D+α _L L (Strength)	1.18	1.14	1.58	1.25	1.36	1.83	1.32	1.59	2.10	1.38	1.85	2.39
	D+L (Deflection)	1.18	1.14	1.58	1.25	1.36	1.83	1.32	1.59	2.10	1.38	1.85	2.39
	L (Deflection)	1.18	1.14	1.58	1.25	1.36	1.83	1.32	1.59	2.10	1.38	1.85	2.39
MAXIMUM UNSHORED CONSTRUCTION CLEAR SPANS													
1span	3735	4150	4400	3670	4110	4355	3610	4070	4315	3550	4030	4275	
2span	3080	4025	4835	3015	3950	4750	2955	3880	4670	2900	3810	4590	
3span	3190	4170	5005	3125	4090	4920	3065	4015	4835	3005	3945	4750	
cantilever	1665	2015	2180	1645	1985	2150	1620	1965	2125	1600	1940	2095	
Concrete Volume (m ³ /m ²)	0.143			0.149			0.156			0.162			

3960	α _D D+α _L L (Strength)	10.61	← Max. superimposed LSD factored dead + live load (kPa) (governed by strength limitation)
	D+L (Deflection)	10.61	← Max. superimposed LSD unfactored dead + live load (kPa) (governed by deflection limitation of L/240)
	L (Deflection)	10.61	← Max. superimposed LSD unfactored live load (kPa) (governed by deflection limitation of L/360)
↑ Vertical load span (center to center spacing)			

- Wd Weight of deck (uncoated), kg/m²
- I_D Moment of inertia for deflection per foot of deck width mm⁴/m
- Sp Section modulus for positive bending per foot of deck width, mm³/m
- Sn Section modulus for negative bending per foot of deck width, mm³/m
- f_c 21 MPa
- α_D, α_L Load factors for dead and live loads, respectively, to be applied by Engineer in accordance with Building Codes
- Rbe Allowable exterior web crippling value per foot of deck, kN/m
- Rbi Allowable interior web crippling value per foot of deck, kN/m
- h Total height of concrete slab, mm
- Wc Weight of concrete (neglecting deflection), kg/m²
- D Uniform dead load, kPa
- L Uniform live load, kPa

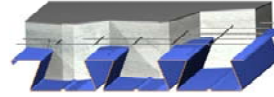
Construction spans shown based on 51 mm exterior bearing and 102 mm interior bearing width.
 The section property table is based on 2001 AISI's Cold-Formed Steel Design Manual, 2004 Supplement. The live loads and unshored construction clear spans are based on the Canadian Sheet Steel Building Institute's Standard for Composite Steel Deck (CSSBI 12M-06), September 2006 and Criteria for the Design of Composite Slabs (CSSBI S3-2002), September 2003. The loads in these tables are based on a Simple Span Design Analysis.

2320 KG/M³ CONCRETE

SECTION PROPERTIES

Fy = 276 MPa

GAGE	Wd	I _D	Sp	Sn	Rbe			Rbi		
					51 mm	76 mm	102 mm	102 mm	127 mm	152 mm
20	16.25	2674779	1047270	1119646	13.52	15.50	17.17	27.53	29.61	31.50
18	21.49	3638110	1514438	1624641	22.84	26.02	28.70	45.77	49.06	52.04
16	27.07	4635309	2054255	2102870	35.16	39.83	43.77	69.69	74.47	78.80



SIMPLE SPAN - MAXIMUM SUPERIMPOSED LSD LOADS, (kPa), NO STUDS ON BEAMS													
h (Wc)		191 mm (390.85)			197 mm (405.6)			203 mm (420.35)			210 mm (435.1)		
Span (mm)	Load Combinations	GAGE											
		20	18	16	20	18	16	20	18	16	20	18	16
3960	α _D D+α _L L (Strength)	12.74	11.92	22.16	13.27	23.94	22.44	13.80	23.94	22.65	14.33	23.94	22.79
	D+L (Deflection)	12.74	11.92	19.15	13.27	19.15	19.15	13.80	19.15	19.15	14.33	19.15	19.15
	L (Deflection)	12.74	11.92	19.15	13.27	19.15	19.15	13.80	19.15	19.15	14.33	19.15	19.15
4260	α _D D+α _L L (Strength)	10.59	20.59	22.64	11.03	21.68	23.94	11.48	22.55	23.94	11.92	23.41	23.94
	D+L (Deflection)	10.59	19.15	19.15	11.03	19.15	19.15	11.48	19.15	19.15	11.92	19.15	19.15
	L (Deflection)	10.59	19.15	19.15	11.03	19.15	19.15	11.48	19.15	19.15	11.92	19.15	19.15
4570	α _D D+α _L L (Strength)	8.88	17.12	18.89	9.25	18.32	20.20	9.62	19.41	21.56	9.99	20.15	22.96
	D+L (Deflection)	8.88	17.12	18.89	9.25	18.32	19.15	9.62	19.15	19.15	9.99	19.15	19.15
	L (Deflection)	8.88	17.12	18.89	9.25	18.32	19.15	9.62	19.15	19.15	9.99	19.15	19.15
4870	α _D D+α _L L (Strength)	7.48	14.28	15.83	7.80	15.31	16.95	8.11	16.38	18.12	8.42	17.48	19.32
	D+L (Deflection)	7.48	14.28	15.83	7.80	15.31	16.95	8.11	16.38	18.12	8.42	17.48	19.15
	L (Deflection)	7.48	14.28	15.83	7.80	15.31	16.95	8.11	16.38	18.12	8.42	17.48	19.15
5180	α _D D+α _L L (Strength)	6.33	11.93	13.29	6.60	12.82	14.26	6.87	13.73	15.27	7.14	14.68	16.31
	D+L (Deflection)	6.33	11.93	13.29	6.60	12.82	14.26	6.87	13.73	15.27	7.14	14.68	16.31
	L (Deflection)	6.33	11.93	13.29	6.60	12.82	14.26	6.87	13.73	15.27	7.14	14.68	16.31
5480	α _D D+α _L L (Strength)	5.38	9.96	11.16	5.61	10.72	12.00	5.84	11.52	12.88	5.47	12.34	13.78
	D+L (Deflection)	5.38	9.96	11.16	5.61	10.72	12.00	5.84	11.52	12.88	5.47	12.34	13.78
	L (Deflection)	5.38	9.96	11.16	5.61	10.72	12.00	5.84	11.52	12.88	5.47	12.34	13.78
5790	α _D D+α _L L (Strength)	4.04	8.29	9.36	4.22	8.95	10.09	4.39	9.64	10.85	4.57	10.36	11.64
	D+L (Deflection)	4.04	8.29	9.36	4.22	8.95	10.09	4.39	9.64	10.85	4.57	10.36	11.64
	L (Deflection)	4.04	8.29	9.36	4.22	8.95	10.09	4.39	9.64	10.85	4.57	10.36	11.64
6090	α _D D+α _L L (Strength)	3.36	6.87	7.83	3.51	7.44	8.46	3.66	8.04	9.13	4.14	8.67	9.82
	D+L (Deflection)	3.36	6.87	7.83	3.51	7.44	8.46	3.66	8.04	9.13	4.14	8.67	9.82
	L (Deflection)	3.36	6.87	7.83	3.51	7.44	8.46	3.66	8.04	9.13	4.14	8.67	9.82
6400	α _D D+α _L L (Strength)	3.08	5.64	6.50	3.22	6.14	7.06	3.35	6.67	7.64	3.49	7.21	8.25
	D+L (Deflection)	3.08	5.64	6.50	3.22	6.14	7.06	3.35	6.67	7.64	3.49	7.21	8.25
	L (Deflection)	3.08	5.64	6.50	3.22	6.14	7.06	3.35	6.67	7.64	3.49	7.21	8.25
6700	α _D D+α _L L (Strength)	2.59	4.58	5.36	2.70	5.02	5.84	2.81	5.47	6.35	2.93	5.95	6.88
	D+L (Deflection)	2.59	4.58	5.36	2.70	5.02	5.84	2.81	5.47	6.35	2.93	5.95	6.88
	L (Deflection)	2.59	4.58	5.36	2.70	5.02	5.84	2.81	5.47	6.35	2.93	5.95	6.88
7010	α _D D+α _L L (Strength)	2.15	3.65	4.36	2.25	4.03	4.78	2.35	4.43	5.23	2.44	4.85	5.70
	D+L (Deflection)	2.15	3.65	4.36	2.25	4.03	4.78	2.35	4.43	5.23	2.44	4.85	5.70
	L (Deflection)	2.15	3.65	4.36	2.25	4.03	4.78	2.35	4.43	5.23	2.44	4.85	5.70
7310	α _D D+α _L L (Strength)	1.78	2.84	3.48	1.86	3.17	3.85	1.94	4.99	4.24	2.02	5.40	4.65
	D+L (Deflection)	1.78	2.84	3.48	1.86	3.17	3.85	1.94	4.99	4.24	2.02	5.40	4.65
	L (Deflection)	1.78	2.84	3.48	1.86	3.17	3.85	1.94	4.99	4.24	2.02	5.40	4.65
7610	α _D D+α _L L (Strength)	1.45	3.50	2.70	1.52	3.83	3.03	1.59	4.18	3.37	1.65	4.55	3.73
	D+L (Deflection)	1.45	3.50	2.70	1.52	3.83	3.03	1.59	4.18	3.37	1.65	4.55	3.73
	L (Deflection)	1.45	3.50	2.70	1.52	3.83	3.03	1.59	4.18	3.37	1.65	4.55	3.73

MAXIMUM UNSHORED CONSTRUCTION CLEAR SPANS

	3995	3995	4235	3440	3960	4195	3390	3925	4165	3345	3890	4130
1span	3495	3995	4235	3440	3960	4195	3390	3925	4165	3345	3890	4130
2span	2845	3745	4515	2790	3680	4445	2745	3620	4375	2695	3565	4310
3span	2945	3880	4675	2895	3815	4600	2845	3750	4530	2790	3690	4460
cantilever	1580	1915	2075	1560	1895	2050	1540	1870	2025	1520	1850	2005
Concrete Volume (m ³ /m ²)	0.168			0.175			0.181			0.187		

3960	α _D D+α _L L (Strength)	12.74	← Max. superimposed LSD factored dead + live load (kPa) (governed by strength limitation)
	D+L (Deflection)	12.74	← Max. superimposed LSD unfactored dead + live load (kPa) (governed by deflection limitation of L/240)
	L (Deflection)	12.74	← Max. superimposed LSD unfactored live load (kPa) (governed by deflection limitation of L/360)
			← Vertical load span (center to center spacing)

Wd Weight of deck (uncoated), kg/m²

I_D Moment of inertia for deflection per foot of deck width mm⁴/m

Sp Section modulus for positive bending per foot of deck width, mm³/m

Sn Section modulus for negative bending per foot of deck width, mm³/m

f_c 21 MPa

α_D, α_L Load factors for dead and live loads, respectively, to be applied by Engineer in accordance with Building Codes

Construction spans shown based on 51 mm exterior bearing and 102 mm interior bearing width.

The section property table is based on 2001 AISI's Cold-Formed Steel Design Manual, 2004 Supplement. The live loads and unshored construction clear spans are based on the Canadian Sheet Steel Building Institute's Standard for Composite Steel Deck (CSSBI 12M-06), September 2006 and Criteria for the Design of Composite Slabs (CSSBI S3-2002), September 2003.

The loads in these tables are based on a Simple Span Design Analysis.

2320 KG/M³ CONCRETE