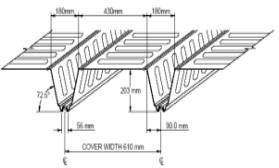


UltraBond Load Tables

0.0476" deck 0.394" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	14.18	13.08	12.14	11.32	10.61	9.98	9.43	8.93
max. unshored span (C.L.42psf) - ft.	9.06	9.38	9.47	9.24	8.76	8.33	7.94	7.58
total dead load (no const.) - psf	53.37	59.62	65.87	72.11	78.36	84.61	90.86	97.10
concrete volume YD ³ /100ft ²	1.24	1.39	1.55	1.70	1.86	2.01	2.17	2.32

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0476" deck 0.394" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	25.89	25.69	25.51	25.36	25.22	25.10	24.99	24.89
	45	25.30	25.14	25.01	24.89	24.78	24.68	24.59	24.51
	50	24.75	24.63	24.53	24.44	24.35	24.28	24.21	24.15
	55	24.24	24.15	24.08	24.01	23.95	23.90	23.85	23.80
	60	23.76	23.70	23.65	23.61	23.57	23.54	23.50	23.47
	65	23.30	23.27	23.25	23.23	23.21	23.19	23.17	23.16
	70	22.87	22.87	22.86	22.86	22.86	22.86	22.85	22.85
	80	22.08	22.11	22.15	22.18	22.21	22.23	22.26	22.28
	85	21.71	21.76	21.81	21.86	21.90	21.94	21.97	22.01
	90	21.36	21.43	21.50	21.51	21.61	21.66	21.70	21.74
	100	20.71	20.81	20.90	20.98	21.06	21.12	21.19	21.25
	110	20.12	20.24	20.35	20.45	20.54	20.63	20.71	20.78
	120	19.57	19.71	19.84	19.96	20.07	20.17	20.26	20.35
	130	19.07	19.22	19.37	19.50	19.62	19.73	19.84	19.94
	140	18.60	18.77	18.93	19.07	19.20	19.33	19.45	19.55
	145	18.38	18.55	18.72	18.87	19.01	19.14	19.26	19.37
	150	17.83	18.33	18.81	19.29	19.75	20.20	20.64	21.08
	200	15.44	15.87	16.29	16.70	17.10	17.49	17.88	18.25
	250	13.81	14.20	14.57	14.94	15.30	15.65	15.99	16.33
	300	12.61	12.96	13.30	13.64	13.96	14.28	14.60	14.90
350	11.67	12.00	12.32	12.63	12.93	13.22	13.51	13.80	
400	10.92	11.22	11.52	11.81	12.09	12.37	12.64	12.91	
450	10.29	10.58	10.86	11.14	11.40	11.66	11.92	12.17	
500	9.76	10.04	10.30	10.56	10.82	11.06	11.31	11.54	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

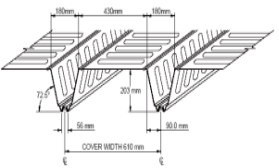
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0476" deck 0.591" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	14.18	13.06	12.12	11.31	10.60	9.97	9.42	8.92
max. unshored span (C.L.42psf) - ft.	9.07	9.39	9.47	9.23	8.75	8.32	7.93	7.57
total dead load (no const.) - psf	53.47	59.72	65.97	72.21	78.46	84.71	90.96	97.20
concrete volume YD ³ /100ft ²	1.24	1.39	1.55	1.70	1.85	2.01	2.16	2.32

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0476" deck 0.591" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	29.25	29.03	28.84	28.67	28.52	28.38	28.26	28.15
	45	28.59	28.42	28.27	28.14	28.02	27.91	27.81	27.72
	50	27.97	27.84	27.73	27.63	27.54	27.46	27.38	27.31
	55	27.39	27.30	27.22	27.15	27.08	27.03	26.97	26.92
	60	26.85	26.79	26.74	26.69	26.65	26.62	26.58	26.55
	65	26.33	26.31	26.28	26.26	26.24	26.22	26.21	26.19
	70	25.85	25.85	25.85	25.85	25.85	25.85	25.85	25.85
	80	24.95	25.00	25.04	25.08	25.11	25.14	25.17	25.20
	85	24.54	24.60	24.66	24.72	24.77	24.81	24.85	24.89
	90	24.14	24.23	24.30	24.37	24.44	24.49	24.55	24.60
	100	23.41	23.52	23.63	23.72	23.81	23.89	23.97	24.03
	110	22.74	22.88	23.01	23.12	23.23	23.33	23.42	23.51
	120	22.12	22.28	22.43	22.57	22.69	22.81	22.92	23.02
	130	21.55	21.73	21.90	22.05	22.19	22.32	22.44	22.56
	140	21.02	21.22	21.40	21.56	21.72	21.86	22.00	22.12
	145	20.77	20.98	21.16	21.33	21.49	21.64	21.78	21.91
	150	20.16	20.72	21.28	21.81	22.34	22.85	23.36	23.85
	200	17.46	17.95	18.43	18.89	19.35	19.79	20.23	20.65
	250	15.61	16.05	16.48	16.90	17.30	17.70	18.09	18.47
	300	14.25	14.65	15.04	15.43	15.80	16.16	16.52	16.86
350	13.20	13.57	13.93	14.28	14.63	14.96	15.29	16.61	
400	12.34	12.69	13.03	13.36	13.68	13.99	14.30	14.60	
450	11.64	11.97	12.28	12.59	12.90	13.19	13.48	13.77	
500	11.04	11.35	11.65	11.95	12.24	12.52	12.79	13.06	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

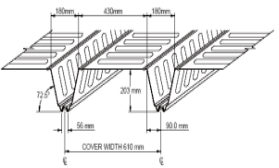
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0476" deck 0.787" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	14.13	13.04	12.10	11.29	10.59	9.96	9.41	8.91
max. unshored span (C.L.42psf) - ft.	9.09	9.40	9.48	9.22	8.74	8.31	7.92	7.57
total dead load (no const.) - psf	53.61	59.86	66.11	72.35	78.60	84.85	91.10	97.34
concrete volume YD ³ /100ft ²	1.23	1.39	1.54	1.69	1.85	2.00	2.16	2.31

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0476" deck 0.787" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	30.89	30.66	30.46	30.29	30.13	29.99	29.86	29.74
	45	30.19	30.02	29.86	29.72	29.60	29.49	29.39	29.29
	50	29.54	29.41	29.29	29.19	29.09	29.01	28.93	28.86
	55	28.93	28.84	28.76	28.68	28.62	28.56	28.50	28.45
	60	28.35	28.30	28.25	28.20	28.16	28.12	28.09	28.06
	65	27.81	27.79	27.76	27.74	27.73	27.71	27.69	27.68
	70	27.30	27.30	27.31	27.31	27.31	27.31	27.32	27.32
	80	26.35	26.41	26.45	26.50	26.53	26.57	27.32	26.63
	85	25.92	25.99	26.06	26.11	26.17	26.22	26.26	26.31
	90	25.50	25.59	25.68	25.75	25.82	25.88	25.94	25.99
	100	24.73	24.85	24.96	25.07	25.16	25.25	25.33	25.40
	110	24.02	24.17	24.31	24.43	24.55	24.66	24.75	24.85
	120	23.37	23.54	23.70	23.84	23.98	24.10	24.22	24.33
	130	22.77	22.96	23.13	23.30	23.45	23.59	23.72	23.84
	140	22.21	22.42	22.61	22.79	22.95	23.10	23.25	23.38
	145	21.95	22.16	22.36	22.54	22.71	22.87	23.02	23.16
	150	21.30	21.90	22.49	23.06	23.62	24.16	24.69	25.21
	200	18.45	18.97	19.48	19.97	20.45	20.92	21.38	21.84
	250	16.50	16.97	17.42	17.86	18.29	18.71	19.13	19.53
	300	15.06	15.49	15.90	16.31	16.70	17.08	17.46	17.83
350	13.95	14.34	14.72	15.10	15.46	15.82	16.17	16.51	
400	13.05	13.41	13.77	14.12	14.46	14.80	15.12	15.44	
450	12.30	12.65	12.98	13.31	13.64	13.95	14.26	14.56	
500	11.67	12.00	12.32	12.63	12.94	13.23	13.52	13.81	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

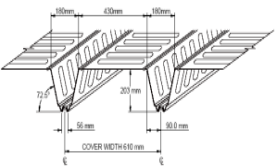
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0476" deck 0.984" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	14.10	13.01	12.08	11.27	10.57	9.94	9.39	8.90
max. unshored span (C.L.42psf) - ft.	9.11	9.42	9.49	9.21	8.73	8.30	7.91	7.56
total dead load (no const.) - psf	53.79	60.04	66.29	72.54	78.78	85.03	91.28	97.53
concrete volume YD ³ /100ft ²	1.22	1.38	1.53	1.69	1.84	2.00	2.15	2.30

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0476" deck 0.984" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	35.56	35.31	35.09	34.89	34.72	34.56	34.42	34.29
	45	34.76	34.56	34.39	34.24	34.11	33.99	33.88	33.77
	50	33.93	33.87	33.74	33.63	33.53	33.44	33.36	33.28
	55	32.87	33.21	33.12	33.05	32.98	32.91	32.86	32.81
	60	31.93	32.59	32.54	32.49	32.45	32.42	32.38	32.25
	65	31.09	32.00	31.98	31.97	31.95	31.94	31.93	31.92
	70	30.34	31.44	31.46	31.47	31.48	31.48	31.49	31.50
	80	29.02	30.41	30.47	30.53	30.58	30.63	30.67	30.71
	85	28.44	29.92	30.02	30.09	30.16	30.22	30.28	30.34
	90	27.90	29.35	29.58	29.67	29.76	29.84	29.91	29.98
	100	26.94	28.34	28.76	28.88	29.00	29.10	29.20	29.20
	110	26.10	27.45	28.00	28.16	28.29	28.42	28.54	28.65
	120	25.35	26.67	27.31	27.48	27.64	27.79	27.93	28.05
	130	24.68	25.97	26.66	26.85	27.03	27.19	27.35	27.49
	140	24.08	25.34	26.05	26.26	26.46	26.64	26.80	26.96
	145	23.80	25.04	25.76	25.98	26.18	26.37	26.54	26.71
	150	23.54	24.76	25.93	26.59	27.24	27.87	28.49	29.09
	200	21.26	21.86	22.45	23.03	23.59	24.13	24.67	25.19
	250	19.01	19.56	20.08	20.60	21.10	21.59	22.06	22.53
	300	17.36	17.85	18.33	18.80	19.26	19.71	20.14	20.57
350	16.07	16.53	16.97	17.41	17.83	18.24	18.65	19.04	
400	15.03	15.46	15.88	16.28	16.68	17.07	17.44	17.81	
450	14.17	14.58	14.97	15.35	15.72	16.09	16.45	16.80	
500	13.45	13.83	14.20	14.56	14.92	15.26	15.60	15.93	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

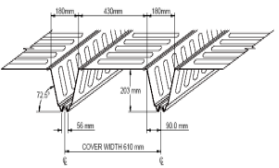
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0476" deck 1.181" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	14.06	12.98	12.05	11.25	10.54	9.92	9.37	8.88
max. unshored span (C.L.42psf) - ft.	9.14	9.44	9.50	9.19	8.71	8.29	7.90	7.55
total dead load (no const.) - psf	54.01	60.26	66.51	72.76	79.00	85.25	91.50	97.75
concrete volume YD ³ /100ft ²	1.22	1.37	1.52	1.68	1.83	1.99	2.14	2.30

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0476" deck 1.181" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	36.90	38.76	38.53	38.32	38.14	37.98	37.83	37.69
	45	35.48	37.39	37.77	37.61	37.47	37.35	37.23	37.13
	50	34.26	36.10	37.05	36.94	36.84	36.74	36.66	36.58
	55	33.19	34.97	36.38	36.30	36.23	36.17	36.11	36.06
	60	32.24	33.97	35.70	35.70	35.66	35.62	35.59	35.57
	65	31.39	33.08	34.76	35.12	35.11	35.10	35.09	35.09
	70	30.63	32.27	33.91	34.57	34.59	34.60	34.61	34.63
	80	29.30	30.87	32.44	33.54	33.60	33.60	33.71	33.76
	85	28.71	30.25	31.79	33.06	33.14	33.22	33.29	33.35
	90	28.17	29.68	31.19	32.60	32.70	32.79	32.88	32.96
	100	27.20	28.66	30.11	31.57	31.87	31.99	32.10	32.20
	110	26.35	27.76	29.17	30.59	31.10	31.24	31.38	31.50
	120	25.60	26.97	28.34	29.71	30.38	30.55	30.70	30.85
	130	24.92	26.26	27.59	28.93	29.71	29.89	30.07	30.23
	140	24.31	25.62	26.92	28.23	29.08	29.28	29.47	29.65
	145	24.03	25.32	26.61	27.90	28.78	28.99	29.18	29.37
	150	23.76	25.04	26.31	27.58	28.86	30.15	31.33	32.00
	200	21.59	22.75	23.91	25.06	25.94	26.54	27.14	27.72
	250	20.05	21.12	22.08	22.65	23.20	23.74	24.27	24.79
	300	18.86	19.62	20.16	20.67	21.18	21.67	22.16	22.63
350	17.66	18.17	18.66	19.14	19.61	20.07	20.51	20.95	
400	16.52	16.99	17.45	17.90	18.34	18.77	19.19	19.60	
450	15.58	16.02	16.46	16.88	17.29	17.70	18.09	18.48	
500	14.78	15.20	15.61	16.01	16.41	16.79	17.16	17.53	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

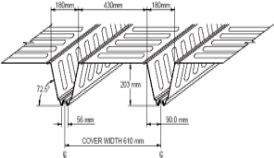
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0378" deck 0.394" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	9.84	8.74	8.11	7.56	7.08	6.66	6.28	5.95
max. unshored span (C.L.42psf) - ft.	7.38	6.92	6.52	6.16	5.84	5.55	5.29	5.05
total dead load (no const.) - psf	52.77	59.01	65.26	71.51	77.76	84.00	90.25	96.50
concrete volume YD ³ /100ft ²	1.24	1.39	1.55	1.70	1.86	2.01	2.17	2.32

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0378" deck 0.394" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	23.24	23.05	22.89	22.74	22.62	22.50	22.40	22.30
	45	22.71	22.56	22.43	22.32	22.21	22.12	22.04	21.96
	50	22.21	22.10	22.00	21.91	21.83	21.76	21.70	21.64
	55	21.75	21.67	21.60	21.53	21.47	21.42	21.37	21.33
	60	21.31	21.26	21.21	21.17	21.13	21.09	21.06	21.03
	65	20.90	20.87	20.85	20.82	20.80	20.78	20.76	20.74
	70	20.52	20.51	20.50	20.49	20.49	20.48	20.48	20.47
	80	19.80	19.83	19.85	19.88	19.90	19.92	19.94	19.95
	85	19.47	19.51	19.55	19.59	19.62	19.66	19.68	19.71
	90	19.16	19.21	19.27	19.32	19.36	19.40	19.44	19.47
	100	18.57	18.65	18.73	18.80	19.86	18.92	18.98	19.03
	110	18.03	18.14	18.23	18.32	18.40	18.48	18.55	18.61
	120	17.54	17.66	17.78	17.88	17.97	18.06	18.14	18.22
	130	17.09	17.23	17.35	17.47	17.57	17.67	17.77	17.85
	140	16.67	16.82	16.95	17.08	17.20	17.31	17.41	17.51
	145	16.47	16.62	16.77	16.90	17.02	17.14	17.24	17.34
	150	15.95	16.39	16.83	17.25	17.66	18.06	18.46	18.84
	200	13.81	14.20	14.57	14.94	15.29	15.64	15.98	16.32
	250	12.35	12.70	13.03	13.36	13.68	13.99	14.30	14.59
	300	11.28	11.59	11.90	12.20	12.49	12.77	13.05	13.32
350	10.44	10.73	11.01	11.29	11.56	11.82	12.08	12.33	
400	9.77	10.04	10.30	10.56	10.81	11.06	11.30	11.54	
450	9.21	9.46	9.71	9.96	10.20	10.43	10.66	10.88	
500	8.73	8.98	9.22	9.45	9.67	9.89	10.11	10.32	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

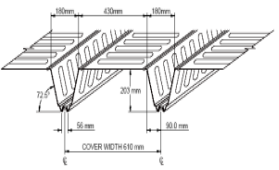
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0378" deck 0.591" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	9.47	8.73	8.10	7.55	7.07	6.65	6.28	5.95
max. unshored span (C.L.42psf) - ft.	7.37	6.92	6.51	6.15	5.83	5.54	5.28	5.04
total dead load (no const.) - psf	52.87	59.11	65.36	71.61	77.86	84.10	90.35	96.60
concrete volume YD ³ /100ft ²	1.24	1.39	1.55	1.70	1.85	2.01	2.16	2.32

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0378" deck 0.591" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	26.86	26.65	26.47	26.30	26.16	26.03	25.91	25.80
	45	26.25	26.09	25.94	25.81	25.69	25.59	25.49	25.41
	50	25.68	25.55	25.44	25.34	25.25	25.17	25.10	25.03
	55	25.14	25.05	24.97	24.90	24.84	24.78	24.72	24.67
	60	24.64	24.58	24.53	24.48	24.44	24.40	24.36	24.33
	65	24.17	24.13	24.11	24.08	24.06	24.04	24.02	24.00
	70	23.72	23.71	23.71	23.70	23.70	23.69	23.69	23.68
	80	22.89	22.93	22.96	22.99	23.02	23.04	23.07	23.09
	85	22.51	22.56	22.61	22.66	22.70	22.74	22.77	22.80
	90	22.15	22.22	22.28	22.34	22.40	22.44	22.49	22.53
	100	21.47	21.57	21.66	21.74	21.82	21.89	21.96	22.02
	110	20.85	20.97	21.09	21.19	21.29	21.38	21.46	21.53
	120	20.28	20.43	20.56	20.68	20.79	20.90	20.99	21.08
	130	19.76	19.92	20.07	20.20	20.33	20.45	20.56	20.66
	140	19.27	19.45	19.61	19.76	19.90	20.03	20.15	20.26
	145	19.04	19.22	19.39	19.55	19.69	19.82	19.95	20.07
	150	18.45	18.96	19.47	19.96	20.43	11.30	21.36	21.81
	200	15.97	16.42	16.86	17.28	17.70	11.61	18.50	18.89
250	14.29	14.69	15.08	15.46	15.83	11.92	16.54	16.89	
300	13.04	13.41	13.76	14.11	14.45	12.22	15.10	15.42	
350	12.08	12.41	12.74	13.06	13.38	12.51	13.98	14.28	
400	11.30	11.61	11.92	12.22	13.68	12.80	13.08	13.35	
450	10.65	10.95	11.24	11.52	13.98	13.08	12.33	12.59	
500	10.10	10.39	10.66	10.93	14.28	13.35	11.70	11.94	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

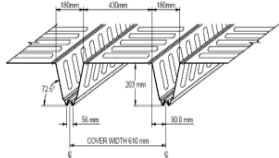
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0378" deck 0.787" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	9.45	8.71	8.08	7.54	7.06	6.64	6.27	5.94
max. unshored span (C.L.42psf) - ft.	7.36	6.91	6.50	6.15	5.83	5.54	5.28	5.04
total dead load (no const.) - psf	53.01	59.25	65.50	71.75	78.00	84.24	90.49	96.74
concrete volume YD ³ /100ft ²	1.23	1.39	1.54	1.69	1.85	2.00	2.16	2.31

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0378" deck 0.787" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	28.37	28.15	27.96	27.79	27.64	27.50	27.38	27.27
	45	27.73	27.56	27.40	27.27	27.15	27.04	26.94	26.85
	50	27.13	27.00	26.88	26.78	26.69	26.60	26.53	26.46
	55	26.56	26.47	26.38	26.31	26.24	26.18	26.13	26.08
	60	26.03	25.97	25.92	25.87	25.82	25.78	25.75	25.72
	65	25.53	25.50	25.47	25.45	25.42	25.40	25.38	25.37
	70	25.06	25.05	25.05	25.04	25.04	25.04	25.04	25.03
	80	24.18	24.23	24.26	24.30	24.33	24.35	24.38	24.40
	85	23.78	23.84	23.90	23.95	23.99	24.03	24.07	24.10
	90	23.40	23.48	23.55	23.61	23.67	23.72	23.77	23.82
	100	22.68	22.79	22.89	22.98	23.06	23.14	23.21	23.27
	110	22.03	22.16	22.28	22.40	22.50	22.59	22.68	22.76
	120	21.43	21.58	21.73	21.86	21.98	22.09	22.19	22.29
	130	20.88	21.05	21.21	21.35	21.49	21.61	21.73	21.84
	140	20.37	20.55	20.72	20.88	21.03	21.17	21.29	21.41
	145	20.12	20.32	20.49	20.66	20.81	20.95	21.09	21.21
	150	19.50	20.05	20.58	21.10	21.61	22.10	22.59	23.06
	200	16.89	17.36	17.82	18.27	18.71	19.14	19.56	19.97
250	15.10	15.53	15.94	16.34	16.74	17.12	17.49	17.86	
300	13.79	14.17	14.55	14.92	15.28	15.63	15.97	16.31	
350	12.76	13.12	13.47	13.81	14.14	14.47	14.79	15.10	
400	11.94	12.28	12.60	12.92	13.23	13.53	13.83	14.12	
450	11.26	11.57	11.88	12.18	12.47	12.76	13.04	13.31	
500	10.68	10.98	11.27	11.56	11.83	12.11	12.37	12.63	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

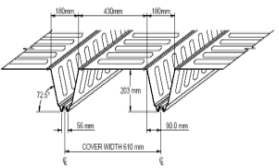
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0378" deck 0.984" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	9.42	8.69	8.07	7.52	7.05	6.63	6.26	5.93
max. unshored span (C.L.42psf) - ft.	7.35	6.89	6.49	6.14	5.82	5.53	5.27	5.03
total dead load (no const.) - psf	53.19	59.43	65.68	71.93	78.18	84.42	90.67	96.92
concrete volume YD ³ /100ft ²	1.22	1.38	1.53	1.69	1.84	2.00	2.15	2.30

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0378" deck 0.984" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	32.90	32.65	32.44	32.24	32.07	31.92	31.78	31.66
	45	32.15	31.96	31.79	31.64	31.51	31.39	31.28	31.18
	50	31.45	31.31	31.18	31.07	30.97	30.88	30.80	30.72
	55	30.80	30.70	30.61	30.53	30.46	30.39	30.33	30.28
	60	30.18	30.12	30.07	30.02	29.97	29.93	29.89	29.86
	65	29.60	29.58	29.55	29.53	29.51	29.49	29.47	29.46
	70	29.06	29.06	29.06	29.06	29.06	29.07	29.07	29.07
	80	28.05	28.10	28.15	28.19	28.23	28.27	28.31	28.34
	85	27.58	27.66	27.73	27.79	27.85	27.90	27.95	27.99
	90	27.14	27.23	27.32	27.40	27.47	27.54	27.60	27.66
	100	26.31	26.44	26.56	26.67	26.77	26.86	26.95	27.02
	110	25.55	25.71	25.86	25.99	26.12	26.23	26.34	26.43
	120	24.86	25.04	25.21	25.37	25.51	25.64	25.77	25.88
	130	24.22	24.42	24.61	24.78	24.94	25.09	25.23	25.36
	140	23.62	23.85	24.05	24.24	24.41	24.58	24.73	24.87
	145	23.34	23.57	23.78	23.98	24.16	24.33	24.49	24.63
	150	22.63	23.27	23.89	24.50	25.09	25.67	26.24	26.79
	200	19.60	20.15	20.69	21.22	21.73	22.23	22.72	23.20
	250	17.53	18.03	18.51	18.98	19.44	19.89	20.32	20.75
	300	16.00	16.45	16.90	17.32	17.74	18.15	18.55	18.95
350	14.82	15.23	15.64	16.04	16.43	16.81	17.18	17.54	
400	13.86	14.25	14.63	15.00	15.37	15.72	16.07	16.41	
450	13.07	13.44	13.80	14.15	14.49	14.82	15.15	15.47	
500	12.40	12.75	13.09	13.42	13.74	14.06	14.37	14.67	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

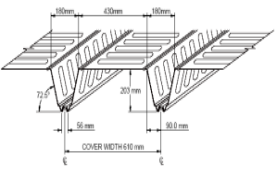
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.0378" deck 1.181" rebar



Maximum specified uniformly distributed load (psf) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Imperial Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
max. unshored span (C.L.21psf) - ft.	9.40	8.67	8.05	7.51	7.03	6.62	6.25	5.92
max. unshored span (C.L.42psf) - ft.	7.33	6.88	6.48	6.13	5.81	5.52	5.26	5.03
total dead load (no const.) - psf	53.41	59.66	65.90	72.15	78.40	84.65	90.89	97.14
concrete volume YD ³ /100ft ²	1.22	1.37	1.52	1.68	1.83	1.99	2.14	2.30

C.L. = construction loads (psf)


Allowable Single Unsupported Span - Feet

0.0378" deck 1.181" rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (IN)							
		2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
maximum specified uniformly distributed load (psf)	40	36.32	38.30	38.67	38.45	38.26	38.09	37.94	37.80
	45	34.92	36.83	37.90	37.74	37.59	37.46	37.34	37.23
	50	33.72	35.56	37.18	37.06	36.95	36.85	36.76	36.68
	55	32.67	34.45	36.22	36.41	36.34	36.27	36.21	36.16
	60	31.73	33.46	35.18	35.80	35.76	35.72	35.69	35.65
	65	30.90	32.58	34.26	35.22	35.21	35.19	35.18	35.17
	70	30.15	31.79	33.42	34.67	34.68	34.69	34.70	34.71
	80	28.83	30.41	31.97	33.53	33.69	33.74	33.70	33.84
	85	28.26	29.80	31.33	32.86	33.23	33.30	33.36	33.42
	90	27.73	29.24	30.74	32.24	32.78	32.87	32.95	33.03
	100	26.77	28.23	29.68	31.13	31.94	32.06	32.17	32.27
	110	25.93	27.35	28.75	30.16	31.17	31.31	31.44	31.57
	120	25.19	26.56	27.93	29.30	30.44	30.61	30.76	30.91
	130	24.53	25.87	27.20	28.53	29.77	29.95	31.13	30.29
	140	23.93	25.24	26.53	27.83	29.13	29.34	29.53	29.70
	145	23.65	24.94	26.23	27.51	28.78	29.04	29.24	29.42
	150	23.39	24.66	25.93	27.20	28.47	29.74	31.02	32.02
	200	21.25	22.41	23.56	24.71	25.87	26.56	27.15	27.73
	250	19.73	20.80	21.87	22.66	23.21	23.75	24.28	24.80
	300	18.57	19.58	20.17	20.68	21.19	21.68	22.17	22.64
350	17.64	18.18	18.67	19.15	19.62	20.07	20.52	20.96	
400	16.53	17.00	17.46	17.91	18.35	18.78	19.20	19.61	
450	15.58	16.03	16.47	16.89	17.30	17.70	18.10	18.48	
500	14.78	15.21	15.62	16.02	16.41	16.80	17.17	17.54	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

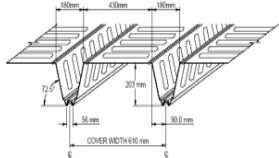
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

1.21 mm deck 10 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	4.32	3.99	3.70	3.45	3.23	3.04	2.87	2.72
max. unshored span (C.L.2.011KPa).m.	2.76	2.86	2.89	2.82	2.67	2.54	2.42	2.31
total dead load (no const.).KPa.	2.56	2.86	3.15	3.45	3.75	4.05	4.35	4.65
concrete volume. m ³ /10m ²	1.02	1.15	1.27	1.40	1.53	1.66	1.78	1.91

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

1.21 mm deck 10 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	7.89	7.83	7.78	7.73	7.69	7.65	7.62	7.59
	2.15	7.71	7.66	7.62	7.59	7.55	7.52	7.50	7.47
	2.39	7.54	7.51	7.48	7.45	7.42	7.40	7.38	7.36
	2.63	7.39	7.36	7.34	7.32	7.30	7.28	7.27	7.26
	2.87	7.24	7.22	7.21	7.20	7.18	7.17	7.16	7.15
	3.11	7.10	7.09	7.09	7.08	7.07	7.07	7.06	7.06
	3.35	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97
	3.83	6.73	6.74	6.75	6.76	6.77	6.78	6.78	6.79
	4.07	6.62	6.63	6.65	6.66	6.68	6.69	6.70	6.71
	4.31	6.51	6.53	6.55	6.57	6.59	6.60	6.61	6.63
	4.79	6.31	6.34	6.37	6.39	6.42	6.44	6.46	6.48
	5.27	6.13	6.17	6.20	6.23	6.26	6.29	6.31	6.33
	5.75	5.96	6.01	6.05	6.08	6.12	6.15	6.18	6.20
	6.22	5.81	5.86	5.90	5.94	5.98	6.02	6.05	6.08
	6.70	5.67	5.72	5.77	5.81	5.85	5.89	5.93	5.96
	6.94	5.60	5.66	5.70	5.75	5.79	5.83	5.87	5.90
	7.18	5.43	5.59	5.73	5.88	6.02	6.16	6.29	6.42
	9.58	4.71	4.84	4.97	5.09	5.21	5.33	5.45	5.56
	11.97	4.21	4.33	4.44	4.55	4.66	4.77	4.87	4.98
	14.36	3.84	3.95	4.05	4.16	4.26	4.35	4.45	4.54
16.76	3.56	3.66	3.75	3.85	3.94	4.03	4.12	4.21	
19.15	3.33	3.42	3.51	3.60	3.69	3.77	3.85	3.93	
21.55	3.14	3.23	3.31	3.39	3.48	3.55	3.63	3.71	
23.94	2.98	3.06	3.14	3.22	3.30	3.37	3.45	3.52	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

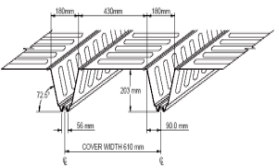
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

1.21 mm deck 15 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	4.32	3.98	3.70	3.45	3.23	3.04	2.87	2.72
max. unshored span (C.L.2.011KPa).m.	2.77	2.86	2.98	2.81	2.67	2.54	2.42	2.31
total dead load (no const.).KPa.	2.56	2.86	3.16	3.46	3.76	4.06	4.36	4.65
concrete volume. m ³ /10m ²	1.02	1.14	1.27	1.40	1.53	1.65	1.78	1.91

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

1.21 mm deck 15 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	8.92	8.85	8.79	8.74	8.69	8.65	8.61	8.58
	2.15	8.71	8.66	8.62	8.58	8.54	8.51	8.48	8.45
	2.39	8.53	8.49	8.45	8.42	8.39	8.37	8.35	8.33
	2.63	8.35	8.32	8.30	8.28	8.26	8.24	8.22	8.21
	2.87	8.18	8.17	8.15	8.14	8.12	8.11	8.10	8.09
	3.11	8.03	8.02	8.01	8.00	8.00	7.99	7.99	7.98
	3.35	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88
	3.83	7.61	7.62	7.63	7.64	7.65	7.66	7.67	7.68
	4.07	7.48	7.50	7.52	7.53	7.55	7.56	7.58	7.59
	4.31	7.36	7.38	7.41	7.43	7.45	7.47	7.48	7.50
	4.79	7.13	7.17	7.20	7.23	7.26	7.28	7.30	7.33
	5.27	6.93	6.97	7.01	7.05	7.08	7.11	7.14	7.17
	5.75	6.74	6.79	6.84	6.88	6.92	6.95	6.99	7.02
	6.22	6.57	6.62	6.67	6.72	6.76	6.80	6.84	6.87
	6.70	6.41	6.47	6.52	6.57	6.62	6.66	6.70	6.74
	6.94	6.33	6.39	6.45	6.50	6.55	6.60	6.64	6.68
	7.18	6.14	6.32	6.49	6.65	6.81	6.97	7.12	7.27
	9.58	5.32	5.47	5.62	5.76	5.90	6.03	6.17	6.29
	11.97	4.76	4.89	5.02	5.15	5.27	5.40	5.51	5.63
	14.36	4.34	4.47	4.59	4.70	4.81	4.93	5.03	5.14
16.76	4.02	4.14	4.25	4.35	4.46	4.56	4.66	4.76	
19.15	3.76	3.87	3.97	4.07	4.17	4.27	4.36	4.45	
21.55	3.55	3.65	3.74	3.84	3.93	4.02	4.11	4.20	
23.94	3.37	3.46	3.55	3.64	3.73	3.82	3.90	3.98	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

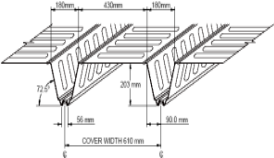
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

1.21 mm deck 20 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	4.31	3.97	3.69	3.44	3.23	3.04	2.87	2.72
max. unshored span (C.L.2.011KPa).m.	2.77	2.87	2.89	2.81	2.66	2.53	2.41	2.31
total dead load (no const.).KPa.	2.57	2.87	3.17	3.46	3.76	4.06	4.36	4.66
concrete volume. m ³ /10m ²	1.01	1.14	1.27	1.39	1.52	1.65	1.78	1.90

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

1.21 mm deck 20 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	9.42	9.35	9.29	9.23	9.18	9.14	9.10	9.07
	2.15	9.20	9.15	9.10	9.06	9.02	8.99	8.96	8.93
	2.39	9.00	8.96	8.93	8.90	8.87	8.84	8.82	8.80
	2.63	8.82	8.79	8.76	8.74	8.72	8.70	8.69	8.67
	2.87	8.64	8.62	8.61	8.60	8.58	8.57	8.56	8.55
	3.11	8.48	8.47	8.46	8.46	8.45	8.45	8.44	8.44
	3.35	8.32	8.32	8.32	8.32	8.32	8.33	8.33	8.33
	3.83	8.03	8.05	8.06	8.08	8.09	8.10	8.11	8.12
	4.07	7.90	7.92	7.94	7.96	7.98	7.99	8.01	8.02
	4.31	7.77	7.80	7.83	7.85	7.87	7.89	7.91	7.92
	4.79	7.54	7.57	7.61	7.64	7.67	7.70	7.72	7.74
	5.27	7.32	7.37	7.41	7.45	7.48	7.51	7.55	7.57
	5.75	7.12	7.17	7.22	7.27	7.31	7.35	7.38	7.42
	6.22	6.94	7.00	7.05	7.10	7.15	7.19	7.23	7.27
	6.70	6.77	6.83	6.89	6.95	7.00	7.04	7.09	7.13
	6.94	6.69	6.75	6.82	6.87	6.92	6.97	7.02	7.06
	7.18	6.49	6.68	6.85	7.03	7.20	7.36	7.53	7.69
	9.58	5.62	5.78	5.94	6.09	6.23	6.38	6.52	6.66
	11.97	5.03	5.17	5.31	5.44	5.58	5.70	5.83	5.95
	14.36	4.59	4.72	4.85	4.97	5.09	5.21	5.32	5.43
16.76	4.25	4.37	4.49	4.60	4.71	4.82	4.93	5.03	
19.15	3.98	4.09	4.20	4.30	4.41	4.51	4.61	4.71	
21.55	3.75	3.85	3.96	4.06	4.16	4.25	4.35	4.44	
23.94	3.56	3.66	3.75	3.85	3.94	4.03	4.12	4.21	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

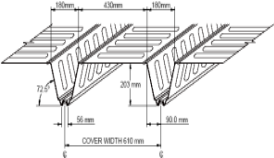
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

1.21 mm deck 25 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	4.30	3.97	3.68	3.44	3.22	3.03	2.86	2.71
max. unshored span (C.L.2.011KPa).m.	2.78	2.87	2.89	2.81	2.66	2.53	2.41	2.30
total dead load (no const.).KPa.	2.58	2.88	3.17	3.47	3.77	4.07	4.37	4.67
concrete volume. m ³ /10m ²	1.01	1.13	1.26	1.39	1.52	1.64	1.77	1.90

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

1.21 mm deck 25 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	10.84	10.76	10.69	10.63	10.58	10.53	10.49	10.45
	2.15	10.59	10.54	10.48	10.44	10.40	10.36	10.33	10.29
	2.39	10.34	10.32	10.28	10.25	10.22	10.19	10.17	10.14
	2.63	10.02	10.12	10.10	10.07	10.05	10.03	10.02	10.00
	2.87	9.73	9.93	9.92	9.90	9.89	9.88	9.87	9.86
	3.11	9.48	9.75	9.75	9.74	9.74	9.74	9.73	9.73
	3.35	9.25	9.58	9.59	9.59	9.59	9.60	9.60	9.60
	3.83	8.84	9.27	9.29	9.31	9.32	9.34	9.35	9.36
	4.07	8.67	9.12	9.15	9.17	9.19	9.21	9.23	9.25
	4.31	8.50	8.95	9.02	9.04	9.07	9.09	9.12	9.14
	4.79	8.21	8.64	8.77	8.80	8.84	8.87	8.90	8.93
	5.27	7.95	8.37	8.54	8.58	8.62	8.66	8.70	8.73
	5.75	7.73	8.13	8.32	8.38	8.42	8.47	8.51	8.55
	6.22	7.52	7.92	8.12	8.18	8.24	8.29	8.34	8.38
	6.70	7.34	7.72	7.94	8.00	8.06	8.12	8.17	8.22
	6.94	7.26	7.63	7.85	7.92	7.98	8.04	8.09	8.14
	7.18	7.17	7.55	7.90	8.10	8.30	8.49	8.68	8.87
	9.58	6.48	6.66	6.84	7.02	7.19	7.36	7.52	7.68
	11.97	5.80	5.96	6.12	6.28	6.43	6.58	6.73	6.87
	14.36	5.29	5.44	5.59	5.73	5.87	6.01	6.14	6.27
16.76	4.90	5.04	5.17	5.31	5.43	5.56	5.68	5.80	
19.15	4.58	4.71	4.84	4.96	5.08	5.20	5.32	5.43	
21.55	4.32	4.44	4.56	4.68	4.79	4.90	5.01	5.12	
23.94	4.10	4.21	4.33	4.44	4.55	4.65	4.76	4.86	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

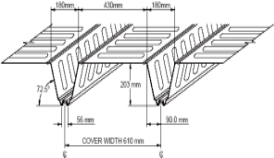
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

1.21 mm deck 30 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	4.28	3.95	3.67	3.43	3.21	3.02	2.86	2.71
max. unshored span (C.L.2.011KPa).m.	2.79	2.88	2.90	2.80	2.66	2.53	2.41	2.30
total dead load (no const.).KPa.	2.59	2.89	3.18	3.48	3.78	4.08	4.38	4.68
concrete volume. m ³ /10m ²	1.00	1.13	1.25	1.38	1.51	1.64	1.76	1.89

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

1.21 mm deck 30 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	11.25	11.81	11.74	11.68	11.63	11.58	11.53	11.49
	2.15	10.82	11.40	11.51	11.46	11.42	11.38	11.35	11.32
	2.39	10.44	11.00	11.29	11.26	11.23	11.20	11.17	11.15
	2.63	10.12	10.66	11.09	11.06	11.04	11.03	11.01	10.99
	2.87	9.83	10.35	10.88	10.88	10.87	10.86	10.85	10.84
	3.11	9.57	10.08	10.59	10.70	10.70	10.70	10.70	10.69
	3.35	9.34	9.84	10.34	10.54	10.54	10.55	10.55	10.55
	3.83	8.93	9.41	9.89	10.22	10.24	10.26	10.28	10.29
	4.07	8.75	9.22	9.69	10.08	10.10	10.12	10.15	10.17
	4.31	8.59	9.05	9.51	9.94	9.97	10.00	10.02	10.14
	4.79	8.29	8.73	9.18	9.62	9.71	9.75	9.78	9.82
	5.27	8.03	8.46	8.89	9.32	9.48	9.52	9.56	9.60
	5.75	7.80	8.22	8.64	9.06	9.26	9.31	9.36	9.40
	6.22	7.60	8.00	8.41	8.82	9.05	9.11	9.16	9.21
	6.70	7.41	7.81	8.21	8.60	8.86	8.92	8.98	9.04
	6.94	7.33	7.72	8.11	8.50	8.77	8.84	8.90	8.95
	7.18	7.24	7.63	8.02	8.41	8.80	9.19	9.55	9.75
	9.58	6.58	6.93	7.29	7.64	7.91	8.09	8.27	8.45
	11.97	6.11	6.44	6.73	6.90	7.07	7.24	7.40	7.56
	14.36	5.75	5.98	6.14	6.30	6.46	6.61	6.75	6.90
16.76	5.38	5.54	5.69	5.83	5.98	6.12	6.25	6.39	
19.15	5.04	5.18	5.32	5.46	5.59	5.72	5.85	5.97	
21.55	4.75	4.88	5.02	5.15	5.27	5.39	5.51	5.63	
23.94	4.50	4.63	4.76	4.88	5.00	5.12	5.23	5.34	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

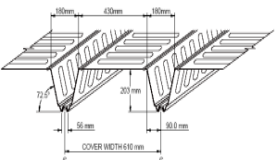
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.96 mm deck 10 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	2.89	2.66	2.47	2.30	2.16	2.03	1.92	1.81
max. unshored span (C.L.2.011KPa).m.	2.25	2.11	1.99	1.88	1.78	1.69	1.61	1.54
total dead load (no const.).KPa.	2.53	2.83	3.13	3.42	3.72	4.02	4.32	4.62
concrete volume. m ³ /10m ²	1.02	1.15	1.27	1.40	1.53	1.66	1.78	1.91

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

0.96 mm deck 10 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	7.08	7.03	6.98	6.93	6.89	6.86	6.83	6.80
	2.15	6.92	6.88	6.84	6.80	6.77	6.74	6.72	6.69
	2.39	6.77	6.74	6.71	6.68	6.65	6.63	6.61	6.59
	2.63	6.63	6.60	6.58	6.56	6.54	6.53	6.51	6.50
	2.87	6.50	6.48	6.47	6.45	6.44	6.43	6.42	6.41
	3.11	6.37	6.36	6.35	6.35	6.34	6.33	6.33	6.32
	3.35	6.25	6.25	6.25	6.25	6.24	6.24	6.24	6.24
	3.83	6.04	6.04	6.05	6.06	6.07	6.07	6.08	6.08
	4.07	5.93	5.95	5.96	5.97	5.98	5.99	6.00	6.01
	4.31	5.84	5.86	5.87	5.89	5.90	5.91	5.93	5.94
	4.79	5.66	5.69	5.71	5.73	5.75	5.77	5.78	5.80
	5.27	5.60	5.53	5.56	5.58	5.61	5.63	5.65	5.67
	5.75	5.35	5.38	5.42	5.45	5.48	5.51	5.53	5.55
	6.22	5.21	5.25	5.29	5.32	5.36	5.39	5.42	5.44
	6.70	5.08	5.13	5.17	5.21	5.24	5.28	5.31	5.34
	6.94	5.02	5.07	5.11	5.15	5.19	5.22	5.26	5.29
	7.18	4.86	5.00	5.13	5.26	5.38	5.51	5.63	5.74
	9.58	4.21	4.33	4.44	4.55	4.66	4.77	4.87	4.97
	11.97	3.77	3.87	3.97	4.07	4.17	4.26	4.36	4.45
	14.36	3.44	3.53	3.63	3.72	3.81	3.89	3.98	4.06
16.76	3.18	3.27	3.36	3.44	3.52	3.60	3.68	3.76	
19.15	2.98	3.06	3.14	3.22	3.30	3.37	3.44	3.52	
21.55	2.81	2.88	2.96	3.04	3.11	3.18	3.25	3.32	
23.94	2.66	2.74	2.81	2.88	2.95	3.02	3.08	3.15	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

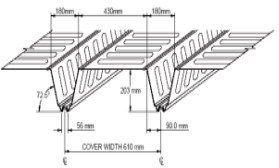
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.96 mm deck 15 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	2.89	2.66	2.47	2.30	2.16	2.03	1.91	1.81
max. unshored span (C.L.2.011KPa).m.	2.25	2.11	1.99	1.88	1.78	1.69	1.61	1.54
total dead load (no const.).KPa.	2.53	2.83	3.13	3.43	3.73	4.03	4.33	4.63
concrete volume. m ³ /10m ²	1.02	1.14	1.27	1.40	1.53	1.65	1.78	1.91

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

0.96 mm deck 15 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	8.19	8.12	8.07	8.02	7.97	7.93	7.90	7.86
	2.15	8.00	7.95	7.91	7.87	7.83	7.80	7.77	7.74
	2.39	7.83	7.79	7.75	7.72	7.70	7.67	7.65	7.63
	2.63	7.66	7.64	7.61	7.59	7.57	7.55	7.54	7.52
	2.87	7.51	7.49	7.48	7.46	7.45	7.44	7.43	7.42
	3.11	7.37	7.36	7.35	7.34	7.33	7.33	7.32	7.32
	3.35	7.23	7.23	7.23	7.22	7.22	7.22	7.22	7.22
	3.83	6.98	6.99	7.00	7.01	7.02	7.02	7.03	7.04
	4.07	6.86	6.88	6.89	6.91	6.92	6.93	6.94	6.95
	4.31	6.75	6.77	6.79	6.81	6.83	6.84	6.86	6.87
	4.79	6.54	6.57	6.60	6.63	6.65	6.67	6.69	6.71
	5.27	6.36	6.39	6.43	6.46	6.49	6.52	6.54	6.56
	5.75	6.18	6.23	6.27	6.30	6.34	6.37	6.40	6.43
	6.22	6.02	6.07	6.12	6.16	6.20	6.23	6.27	6.30
	6.70	5.87	5.93	5.98	6.02	6.06	6.10	6.14	6.17
	6.94	5.80	5.86	5.91	5.96	6.00	6.04	6.08	6.12
	7.18	5.62	5.78	5.93	6.08	6.23	6.37	6.51	6.65
	9.58	4.87	5.01	5.14	5.27	5.39	5.52	5.64	5.76
	11.97	4.35	4.48	4.60	4.71	4.82	4.93	5.04	5.15
	14.36	3.98	4.09	4.20	4.30	4.40	4.50	4.60	4.70
16.76	3.68	3.78	3.88	3.98	4.08	4.17	4.26	4.35	
19.15	3.44	3.54	3.63	3.72	3.81	3.90	3.99	4.07	
21.55	3.25	3.34	3.43	3.51	3.60	3.68	3.76	3.84	
23.94	3.08	3.17	3.25	3.33	3.41	3.49	3.57	3.64	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

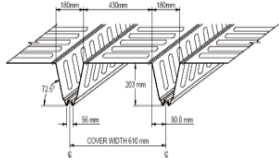
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.96 mm deck 20 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	2.88	2.66	2.46	2.30	2.15	2.02	1.91	1.81
max. unshored span (C.L.2.011KPa).m.	2.24	2.10	1.98	1.87	1.78	1.69	1.61	1.54
total dead load (no const.).KPa.	2.54	2.84	3.14	3.44	3.73	4.03	4.33	4.63
concrete volume. m ³ /10m ²	1.01	1.14	1.27	1.39	1.52	1.65	1.78	1.90

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

0.96 mm deck 20 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	8.65	8.58	8.52	8.47	8.42	8.38	8.35	7.37
	2.15	8.45	8.40	8.35	8.31	8.28	8.24	8.21	7.38
	2.39	8.27	8.23	8.19	8.16	8.13	8.11	8.09	7.40
	2.63	8.10	8.07	8.04	8.02	8.00	7.98	7.96	7.41
	2.87	7.93	7.92	7.90	7.88	7.87	7.86	7.85	7.41
	3.11	7.78	7.77	7.76	7.76	7.75	7.74	7.74	7.42
	3.35	7.64	7.64	7.63	7.63	7.63	7.63	7.63	7.43
	3.83	7.37	7.38	7.40	7.41	7.41	7.42	7.43	7.44
	4.07	7.25	7.27	7.28	7.30	7.31	7.32	7.34	7.35
	4.31	7.13	7.16	7.18	7.20	7.21	7.23	7.25	7.26
	4.79	6.91	6.95	6.98	7.00	7.03	7.05	7.07	7.09
	5.27	6.71	6.76	6.79	6.83	6.86	6.89	6.91	6.94
	5.75	6.53	6.58	6.62	6.66	6.70	6.73	6.76	6.79
	6.22	6.36	6.42	6.46	6.51	6.55	6.59	6.62	6.66
	6.70	6.21	6.26	6.32	6.36	6.41	6.45	6.49	6.53
	6.94	6.13	6.19	6.25	6.30	6.34	6.39	6.43	6.47
	7.18	5.94	6.11	6.27	6.43	6.59	6.74	6.88	7.03
	9.58	5.15	5.29	5.43	5.57	5.70	5.83	5.96	6.09
	11.97	4.60	4.73	4.86	4.98	5.10	5.22	5.33	5.44
	14.36	4.20	4.32	4.44	4.55	4.66	4.76	4.87	4.97
16.76	3.89	4.00	4.11	4.21	4.31	4.41	4.51	4.60	
19.15	3.64	3.74	3.84	3.94	4.03	4.13	4.22	4.30	
21.55	3.43	3.53	3.62	3.71	3.80	3.89	3.97	4.06	
23.94	3.26	3.35	3.44	3.52	3.61	3.69	3.77	3.85	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

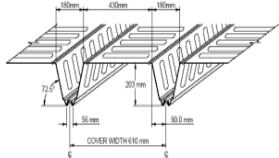
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.96 mm deck 25 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	2.87	2.65	2.46	2.29	2.15	2.02	1.91	1.81
max. unshored span (C.L.2.011KPa).m.	2.24	2.10	1.98	1.87	1.77	1.69	1.61	1.53
total dead load (no const.).KPa.	2.55	2.85	3.15	3.44	3.74	4.04	4.34	4.64
concrete volume. m ³ /10m ²	1.01	1.13	1.26	1.39	1.52	1.64	1.77	1.90

C.L. = construction loads (KPa)


Allowable Single Unsupported Span - Meters

0.96 mm deck 25 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	10.03	9.95	9.89	9.83	9.78	9.73	9.69	9.65
	2.15	9.80	9.74	9.69	9.64	9.60	9.57	9.53	9.50
	2.39	9.59	9.54	9.50	9.47	9.44	9.41	9.39	9.36
	2.63	9.39	9.36	9.33	9.31	9.28	9.26	9.25	9.23
	2.87	9.20	9.18	9.16	9.15	9.14	9.12	9.11	9.10
	3.11	9.02	9.01	9.01	9.00	8.99	8.99	8.98	8.98
	3.35	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86
	3.83	8.55	8.57	8.58	8.59	8.61	8.62	8.63	8.64
	4.07	8.41	8.43	8.45	8.47	8.49	8.50	8.52	8.53
	4.31	8.27	8.30	8.33	8.35	8.37	8.39	8.41	8.43
	4.79	8.02	8.06	8.10	8.13	8.16	8.19	8.21	8.24
	5.27	7.79	7.84	7.88	7.92	7.96	8.00	8.03	8.06
	5.75	7.58	7.63	7.68	7.73	7.78	7.82	7.85	7.89
	6.22	7.38	7.44	7.50	7.55	7.60	7.65	7.69	7.73
	6.70	7.20	7.27	7.33	7.39	7.44	7.49	7.54	7.58
	6.94	7.11	7.18	7.25	7.31	7.36	7.42	7.46	7.51
	7.18	6.90	7.09	7.28	7.47	7.65	7.82	8.00	8.17
	9.58	5.97	6.14	6.31	6.47	6.62	6.78	6.93	7.07
	11.97	5.34	5.49	5.64	5.78	5.92	6.06	6.19	6.33
	14.36	4.88	5.02	5.15	5.28	5.41	5.53	5.66	5.77
16.76	4.52	4.64	4.77	4.89	5.01	5.12	5.24	5.35	
19.15	4.22	4.34	4.46	4.57	4.68	4.79	4.90	5.00	
21.55	3.98	4.10	4.20	4.31	4.42	4.52	4.62	4.71	
23.94	3.78	3.88	3.99	4.09	4.19	4.29	4.38	4.47	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

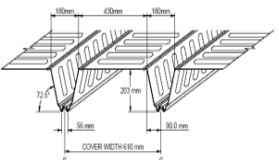
* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)



UltraBond Load Tables

0.96 mm deck 30 mm rebar



Maximum specified uniformly distributed load (KPa) includes dead and construction load carried by metal deck (not shown in tables)

Limit State Design (LSD) - Metric Units

Description	Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
	63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
max. unshored span (C.L.1.006KPa).m.	2.86	2.64	2.45	2.29	2.14	2.02	1.90	1.80
max. unshored span (C.L.2.011KPa).m.	2.23	2.10	1.98	1.87	1.77	1.68	1.60	1.53
total dead load (no const.).KPa.	2.56	2.86	3.16	3.46	3.75	4.05	4.35	4.65
concrete volume. m ³ /10m ²	1.00	1.13	1.25	1.38	1.51	1.64	1.76	1.89

C.L. = construction loads (KPa)

Allowable Single Unsupported Span - Meters

0.96 mm deck 30 mm rebar		Concrete Cover Above Top of Metal Deck (hf) or (hc) (mm)							
		63.50	76.20	88.90	101.60	114.30	127.00	139.70	152.40
maximum specified uniformly distributed load (KPa)	1.92	11.07	11.67	11.79	11.72	11.66	11.61	11.56	11.52
	2.15	10.64	11.22	11.55	11.50	11.46	11.42	11.38	11.35
	2.39	10.28	10.84	11.33	11.30	11.26	11.23	11.20	11.18
	2.63	9.96	10.50	11.04	11.10	11.08	11.06	11.04	11.02
	2.87	9.67	10.20	10.72	10.91	10.90	10.89	10.88	10.87
	3.11	9.42	9.93	10.44	10.74	10.73	10.73	10.72	10.72
	3.35	9.19	9.69	10.19	10.57	10.57	10.57	10.58	10.58
	3.83	8.79	9.27	9.74	10.22	10.27	10.29	10.30	10.31
	4.07	8.61	9.08	9.55	10.02	10.13	10.15	10.17	10.19
	4.31	8.45	8.91	9.37	9.83	9.99	10.02	10.04	10.07
	4.79	8.16	8.60	9.05	9.49	9.74	9.77	9.81	9.84
	5.27	7.90	8.33	8.76	9.19	9.50	9.54	9.58	9.62
	5.75	7.68	8.10	8.51	8.93	9.28	9.33	9.38	9.42
	6.22	7.48	7.89	8.29	8.69	9.07	9.13	9.18	9.23
	6.70	7.29	7.69	8.09	8.48	8.88	8.94	9.00	9.05
	6.94	7.21	7.60	7.99	8.38	8.78	8.85	8.91	8.97
	7.18	7.13	7.52	7.90	8.29	8.68	9.07	9.45	9.76
	9.58	6.48	6.83	7.18	7.53	7.88	8.09	8.27	8.45
	11.97	6.01	6.34	6.67	6.91	7.07	7.24	7.40	7.56
	14.36	5.66	5.97	6.15	6.30	6.46	6.61	6.76	6.90
16.76	5.38	5.54	5.69	5.84	5.98	6.12	6.26	6.39	
19.15	5.04	5.18	5.32	5.46	5.59	5.72	5.85	5.98	
21.55	4.75	4.89	5.02	5.15	5.27	5.40	5.52	5.63	
23.94	4.51	4.64	4.76	4.88	5.00	5.12	5.23	5.34	

* deflection criteria: L/360 (K1=1), L/480 (K2=1.333), L/600 (K3=1.670) or L/720 (K4=2.0)

* refer to Table 1X and deflection criteria example solutions

* figures shown in grey to be multiplied by a factor of 0.9 - see manual (creep stress)

