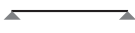



# Multideck 60-V2

## Lightweight Concrete Load Tables



### Unpropped - Load/Span Table (Steel - 350N/mm<sup>2</sup>)

Span (m) (see diagram page 9)

Span Type (Support Condition)	Slab Depth (mm)	Min Mesh Size	Gauge = 0.9mm						Gauge = 1.0mm					
			Total Applied Load (kN/m <sup>2</sup> ) SLS						Total Applied Load (kN/m <sup>2</sup> ) SLS					
			4.0	6.0	8.0	10.0	12.0	14.0	4.0	6.0	8.0	10.0	12.0	14.0
	120 LWC A98	A98	3.46	3.23	3.00	2.99 3.00	2.65 2.99	2.39 2.71	3.64	3.34	3.03	3.00	2.81 3.00	2.54 2.85
	130 LWC A142	A142	3.37	3.37	3.25	3.24 3.25	2.86 3.21	2.58 2.93	3.52	3.52	3.27	3.25	3.03 3.25	2.73 3.07
	140 LWC A142	A142	3.28	3.28	3.28	3.28	3.07 3.28	2.77 3.14	3.42	3.42	3.42	3.42	3.24 3.42	2.92 3.28
	150 LWC A142	A142	3.19	3.19	3.19	3.19	3.19	2.95 3.19	3.32	3.32	3.32	3.32	3.32	3.11 3.32
	160 LWC A142	A142	3.11	3.11	3.11	3.11	3.11	3.11	3.24	3.24	3.24	3.24	3.24	3.24
	175 LWC A193	A193	3.01	3.01	3.01	3.01	3.01	3.01	3.13	3.13	3.13	3.13	3.13	3.13
	200 LWC A193	A193	2.86	2.86	2.86	2.86	2.86	2.86	2.97	2.97	2.97	2.97	2.97	2.97
	250 LWC A252	A252	2.60	2.60	2.60	2.60	2.60	2.60	2.74	2.74	2.74	2.74	2.74	2.74
	120 LWC A98	A98	3.70	3.60	3.49 3.60	2.99 3.28	2.65 2.99	2.39 2.71	3.82	3.60	3.60	3.17 3.50	2.81 3.14	2.54 2.85
	130 LWC A142	A142	3.63	3.63	3.63	3.24 3.50	2.86 3.23	2.58 2.93	3.93	3.90	3.90	3.43 3.72	3.03 3.39	2.73 3.07
	140 LWC A142	A142	3.54	3.54	3.54	3.49 3.54	3.07 3.41	2.77 3.14	3.84	3.84	3.84	3.68 3.84	3.24 3.63	2.92 3.28
	150 LWC A142	A142	3.45	3.45	3.45	3.45	3.28 3.45	2.95 3.34	3.75	3.75	3.75	3.75	3.45 3.75	3.11 3.49
	160 LWC A142	A142	3.38	3.38	3.38	3.38	3.38	3.13 3.38	3.66	3.66	3.66	3.66	3.66	3.29 3.66
	175 LWC A193	A193	3.27	3.27	3.27	3.27	3.27	3.27	3.55	3.55	3.55	3.55	3.55	3.55
	200 LWC A193	A193	3.12	3.12	3.12	3.12	3.12	3.12	3.38	3.38	3.38	3.38	3.38	3.38
	250 LWC A252	A252	2.83	2.83	2.83	2.83	2.83	2.83	3.10	3.10	3.10	3.10	3.10	3.10

### Propped - Load/Span Table (Steel - 350N/mm<sup>2</sup>)

Span (m) (see diagram page 9)

Span Type (Support Condition)	Slab Depth (mm)	Min Mesh Size	Gauge = 0.9mm						Gauge = 1.0mm					
			Total Applied Load (kN/m <sup>2</sup> ) SLS						Total Applied Load (kN/m <sup>2</sup> ) SLS					
			4.0	6.0	8.0	10.0	12.0	14.0	4.0	6.0	8.0	10.0	12.0	14.0
	120 LWC A98	A98	★	★	★	★	★	★	★	★	★	★	★	★
	130 LWC A142	A142	3.94	3.90	★ 3.75	★	★	★	4.06	★	★	★	★	★
	140 LWC A142	A142	4.20	4.17 4.20	★ 3.98	★	★	★	4.31	4.20	★ 4.15	★	★	★
	150 LWC A142	A142	4.50	4.41 4.50	3.75 4.21	★ 3.72	★	★	4.56	4.50	3.94 4.38	★ 3.87	★	★
	160 LWC A142	A142	4.80	4.63 4.80	3.94 4.42	3.47 3.91	★ 3.53	★	4.81	4.80	4.14 4.59	★ 4.07	★	★
	175 LWC A193	A193	5.25	4.94 5.21	4.22 4.68	3.72 4.18	3.35 3.77	★	5.25	5.16 5.25	4.42 4.90	3.90 4.34	★ 3.93	★
	200 LWC A193	A193	6.00	5.42 5.59	4.65 5.04	4.10 4.56	3.70 3.94	3.38 3.47	6.00	5.64 5.93	4.84 5.34	4.28 4.76	3.87 4.11	3.54 3.62
	250 LWC A252	A252	5.63	5.63	5.40 5.63	4.79 4.81	4.19	3.71	6.17	6.17	5.60 5.89	4.98 5.02	4.37	3.87
	200 LWC A193	A193	★	★	★	★	★	★	★	★	★	★	★	★
	250 LWC A252	A252	6.99	6.20	★	★	★	★	7.40	6.47 6.57	★	★	★	★

#### Notes:

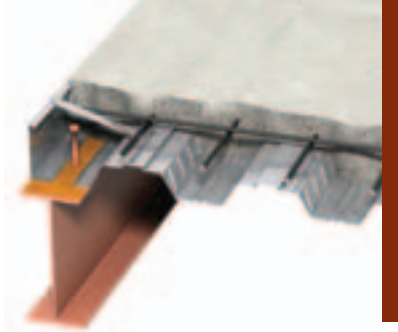
Total applied load referred to in the above table is a working load based on factored combinations of live loads, finishes, ceilings, services and partitions, divided by a load factor of 1.60 (excluding slab self weight).

Figures in red are maximum permissible spans in situations where there is one stud per trough.

Permanent Support ▲ Temporary Support ↑

# Multideck 60-V2

## Lightweight Concrete Load Tables



### Unpropped - Load/Span Table (Steel - 350N/mm<sup>2</sup>)

Span (m) (see diagram page 9)

Span Type (Support Condition)	Slab Depth (mm)	Min Mesh Size	Gauge = 1.1mm						Gauge = 1.2mm					
			Total Applied Load (kN/m <sup>2</sup> ) SLS						Total Applied Load (kN/m <sup>2</sup> ) SLS					
			4.0	6.0	8.0	10.0	12.0	14.0	4.0	6.0	8.0	10.0	12.0	14.0
	120 LWC A98		3.74	3.42	3.11	3.00	2.94	2.66	3.82	3.46	3.15	3.00	2.94	2.66
							3.00	2.95					3.00	2.95
	130 LWC A142		3.65	3.65	3.34	3.25	3.16	2.86	3.72	3.72	3.39	3.25	3.16	2.86
							3.25	3.18					3.25	3.17
	140 LWC A142		3.54	3.54	3.54	3.50	3.38	3.05	3.64	3.64	3.63	3.50	3.38	3.05
							3.50	3.39					3.50	3.39
	150 LWC A142		3.44	3.44	3.44	3.44	3.44	3.24	3.54	3.54	3.54	3.54	3.54	3.24
							3.44						3.54	
160 LWC A142		3.36	3.36	3.36	3.36	3.36	3.36	3.36	3.45	3.45	3.45	3.45	3.45	3.43
														3.45
175 LWC A193		3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.34	3.34	3.34	3.34	3.34	3.34
200 LWC A193		3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.17	3.17	3.17	3.17	3.17	3.17
250 LWC A252		2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.92	2.92	2.92	2.92	2.92	2.92
	120 LWC A98		3.91	3.60	3.60	3.32	2.94	2.66	3.97	3.60	3.60	3.32	2.94	2.66
						3.60	3.26	2.95				3.60	3.25	2.95
	130 LWC A142		4.21	3.90	3.90	3.57	3.16	2.86	4.27	3.90	3.90	3.57	3.16	2.86
						3.90	3.51	3.18				3.90	3.50	3.17
	140 LWC A142		4.11	4.11	4.11	3.83	3.38	3.05	4.36	4.20	4.20	3.83	3.38	3.05
						4.10	3.75	3.39				4.20	3.74	3.39
	150 LWC A142		4.02	4.02	4.02	4.02	3.60	3.24	4.26	4.26	4.26	4.07	3.60	3.24
							3.98	3.60				4.26	3.98	3.60
160 LWC A142		3.93	3.93	3.93	3.93	3.81	3.43	4.17	4.17	4.17	4.17	3.81	3.43	
						3.93	3.81					4.17	3.80	
175 LWC A193		3.81	3.81	3.81	3.81	3.81	3.70	3.81	4.04	4.04	4.04	4.04	3.70	4.04
							3.81							4.04
200 LWC A193		3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.85	3.85	3.85	3.85	3.85	3.85
250 LWC A252		3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.53	3.53	3.53	3.53	3.53	3.53

### Propped - Load/Span Table (Steel - 350N/mm<sup>2</sup>)

Span (m) (see diagram page 9)

Span Type (Support Condition)	Slab Depth (mm)	Min Mesh Size	Gauge = 1.1mm						Gauge = 1.2mm					
			Total Applied Load (kN/m <sup>2</sup> ) SLS						Total Applied Load (kN/m <sup>2</sup> ) SLS					
			4.0	6.0	8.0	10.0	12.0	14.0	4.0	6.0	8.0	10.0	12.0	14.0
	120 LWC A98		★	★	★	★	★	★	★	★	★	★	★	★
	130 LWC A142		★	★	★	★	★	★	★	★	★	★	★	★
	140 LWC A142		4.41	4.20	★	★	★	★	4.46	★	★	★	★	★
					4.20									
	150 LWC A142		4.66	4.50	4.09	★	★	★	4.72	4.50	★	★	★	★
					4.50						4.50			
	160 LWC A142		4.91	4.80	4.29	★	★	★	4.97	4.80	4.29	★	★	★
					4.73	4.19					4.72			
175 LWC A193		5.28	5.25	4.57	4.04	★	★	5.35	5.25	4.57	★	★	★	
				5.04	4.47	4.05				5.03	4.46			
200 LWC A193		6.00	5.82	5.01	4.44	4.01	★	6.00	5.82	5.01	4.43	4.00	★	
			6.00	5.51	4.90	4.27	3.75		6.00	5.50	4.89	4.39		
250 LWC A252		6.62	6.62	5.77	5.13	4.53	4.01	7.03	6.65	5.77	5.13	4.65	4.13	
				6.10	5.20					7.03	6.29	5.35	4.66	
	200 LWC A193		★	★	★	★	★	★	★	★	★	★	★	★
	250 LWC A252		7.50	★	★	★	★	★	7.50	★	★	★	★	★
				6.90						7.19				