



## Span/Load Tables

The difference is...



[www.rlsd.com](http://www.rlsd.com)

# Steel Decking Product Range

the original:

**Superib**



less concrete

**Ribdeck E60**



longer spans

**Ribdeck 80**



shallow slabs  
efficient designs

**Ribdeck AL**



## Superib

- Re-entrant profile.
- Available in the UK since 1972.
- The UK's most widely specified steel decking profile.
- Simple to detail and install.
- Virtually continuous plain soffit finish.
- Excellent load carrying capacity on the finished slab.
- Use Superib for its great versatility and strength.

## Ribdeck 80

- Trapezoidal profile.
- Longer unpropped spans.
- Excellent bond to the concrete for greater load carrying capacity.
- Use Ribdeck 80 to reduce the number of steel members in a frame.

## Ribdeck E60

- Trapezoidal profile.
- Fast to install – 1.0m cover width.
- Designed to minimise concrete volume.
- Use Ribdeck E60 to reduce the overall cost of a floor slab.

## Ribdeck AL

- Trapezoidal profile.
- Shallowest slabs to satisfy fire insulation requirements.
- Use Ribdeck AL to minimise ribbed soffit slab depth.

Registered trademarks:

Ribdeck and Deskspan are registered trademarks throughout Europe. Holorib is a registered trademark in the UK, ROI, Gibraltar, Norway and Sweden and Superib (the same profile as Holorib) is registered in all other Western European countries.

# Section properties and notes to tables

### Superib Section Dimensions

Standard soffit fixings

150mm  
38mm  
51mm  
Cover width 600mm

### Holorib Section Properties (per metre width)

Gauge mm	Self Weight		Area mm <sup>2</sup>	Inertia cm <sup>4</sup>	Y <sub>NA</sub> mm
	kg/m <sup>2</sup>	kN/m <sup>2</sup>			
0.9	12.8	0.126	1,597	64.4	16.7
1.0	14.3	0.140	1,780	72.0	16.7
1.2	17.1	0.168	2,145	87.2	16.8

Concrete volume figures in the span/load tables that follow are based on constant slab thickness. To take account of deflection of the decking profile it is recommended that the volume of concrete will equate to: Overall slab depth – 9mm for voids + span/250. An additional allowance may also be required to allow for deflections within the supporting structure (refer to building design engineer).

### Ribdeck E60 Section Dimensions

Standard soffit fixings

333mm  
35  
110  
35  
10  
60  
Cover width 1000mm

### Ribdeck E60 Section Properties (per metre width)

Gauge mm	Self Weight		Area mm <sup>2</sup>	Inertia cm <sup>4</sup>	Y <sub>NA</sub> mm
	kg/m <sup>2</sup>	kN/m <sup>2</sup>			
0.9	9.3	0.091	1,140	80.4	37.1
1.0	10.3	0.101	1,273	89.8	37.2
1.2	12.3	0.121	1,538	108.7	37.2

Concrete volume figures in the span/load tables that follow are based on constant slab thickness. To take account of deflection of the decking profile it is recommended that the volume of concrete will equate to: Overall slab depth – 36mm for voids + span/250. An additional allowance may also be required to allow for deflections within the supporting structure (refer to building design engineer).

### Ribdeck 80 Section Dimensions

Standard soffit fixings

600 Cover Width  
10  
80

### Ribdeck 80 Section Properties (per metre width)

Gauge mm	Self Weight		Area mm <sup>2</sup>	Inertia cm <sup>4</sup>	Y <sub>NA</sub> mm
	kg/m <sup>2</sup>	kN/m <sup>2</sup>			
0.9	11.1	0.109	1,375	167.5	40.7
1.0	12.3	0.121	1,533	186.7	40.7
1.2	14.8	0.145	1,848	224.8	40.7

Concrete volume figures in the span/load tables that follow are based on constant slab thickness. To take account of deflection of the decking profile it is recommended that the volume of concrete will equate to: Overall slab depth – 42mm for voids + span/250. An additional allowance may also be required to allow for deflections within the supporting structure (refer to building design engineer).

### Ribdeck AL Section Dimensions

Standard soffit fixings

120mm  
10mm  
50mm  
300mm  
140mm  
160mm  
Cover width 900mm

### Ribdeck AL Section Properties (per metre width)

Gauge mm	Self Weight		Area mm <sup>2</sup>	Inertia cm <sup>4</sup>	Y <sub>NA</sub> mm
	kg/m <sup>2</sup>	kN/m <sup>2</sup>			
0.9	9.5	0.093	1,171	67.4	28.0
1.0	10.5	0.103	1,301	75.2	28.0
1.2	12.6	0.124	1,570	90.9	28.0

Concrete volume figures in the span/load tables that follow are based on constant slab thickness. To take account of deflection of the decking profile it is recommended that the volume of concrete will equate to: Overall slab depth – 25mm for voids + span/250. An additional allowance may also be required to allow for deflections within the supporting structure (refer to building design engineer).

In pages 4-11 The performance of each product is given in terms of span/load and simplified fire design tables.



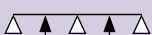
## Span/load tables

- Spans shown assume clear span + 100mm to the centreline of supports.
- Designs are fully in accordance with BS 5950: Parts 4 & 6.
- The dead weight of the slab has been included in the development of the spans shown. However, consideration should be given to finishes, partitions, walls, etc. when reading from the table.
- Based upon concrete densities at wet stage: normal weight concrete 2400 kg/m<sup>3</sup>, lightweight concrete 1900 kg/m<sup>3</sup>.
- A span to depth ratio limit of 35:1 for normal weight concrete and 30:1 for lightweight concrete is generally used. Where isolated single spans occur, these should be reduced to 30:1 and 25:1 respectively.
- Maximum deflection in the direction of span of the decking is limited to span/130 after taking account of ponding.
- Construction stage design includes an allowance of 1.5kN/m<sup>2</sup> for construction loading.
- Composite slabs are designed as simply supported irrespective of the deck support configuration. A minimum crack control and distribution mesh is required in accordance with clauses 6.7, 6.8 and 6.9 of BS5950: Part 4. Alternatively the use of synthetic fibre reinforcement may be deemed acceptable after reference to the relevant design tables and consultation with the structural design engineers.
- S350 decking is manufactured from material meeting the specification: BS EN 10326-S350GD+Z275-N-A-C. It has guaranteed minimum yield strength of 350 N/mm<sup>2</sup>.

## Simplified fire design tables

- Tables are applicable for any construction where the mesh may act in tension over a supporting beam or wall (negative bending). This includes end bay conditions i.e. the **concrete slab** is continuous over more than one span.
- Loads shown are unfactored working loads and should include all imposed live and dead loads, excluding only the self-weight of the slab.
- An ultimate load factor of 1.0 is assumed throughout.
- indicates that the area of mesh is less than the minimum for crack control recommended in BS5950: Part 4
- Mesh should satisfy the minimum elongation requirement given in BS4449: 1988.
- For conditions outside the scope of the simplified tables, including all isolated spans, consult SCI publication 56 (2nd edition) or RLSD's Deckspan software.
- Tables are based on the thinnest gauge of decking available in each product range. Improved performance with thicker gauges may be checked for using RLSD's Deckspan software.

# Superib - Normal weight concrete

Span/load table			Normal weight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		100	0.092	3.05	3.05	3.05	2.95	3.25	3.25	3.25	2.99	3.44	3.44	3.44	3.07
		120	0.112	2.88	2.88	2.88	2.88	3.09	3.09	3.09	3.09	3.27	3.27	3.27	3.27
		130	0.122	2.80	2.80	2.80	2.80	3.02	3.02	3.02	3.02	3.20	3.20	3.20	3.20
		150	0.142	2.67	2.67	2.67	2.67	2.89	2.89	2.89	2.89	3.07	3.07	3.07	3.07
		175	0.167	2.52	2.52	2.52	2.52	2.75	2.75	2.75	2.75	2.93	2.93	2.93	2.93
		200	0.192	2.40	2.40	2.40	2.40	2.61	2.61	2.61	2.61	2.82	2.82	2.82	2.82
Multiple - Unpropped		100	0.092	3.36	3.36	3.36	2.95	3.53	3.53	3.53	2.99	3.50	3.50	3.50	3.07
		120	0.112	3.19	3.19	3.19	3.19	3.35	3.35	3.35	3.35	3.66	3.66	3.66	3.59
		130	0.122	3.12	3.12	3.12	3.12	3.28	3.28	3.28	3.28	3.58	3.58	3.58	3.58
		150	0.142	2.99	2.99	2.99	2.99	3.14	3.14	3.14	3.14	3.44	3.44	3.44	3.44
		175	0.167	2.85	2.85	2.85	2.85	3.00	3.00	3.00	3.00	3.29	3.29	3.29	3.29
		200	0.192	2.74	2.74	2.74	2.74	2.89	2.89	2.89	2.89	3.16	3.16	3.16	3.16
Multiple - Propped		100	0.092	3.50	3.50	3.39	2.85	3.50	3.50	3.50	2.99	3.50	3.50	3.50	3.07
		120	0.112	4.20	4.15	3.69	3.12	4.20	4.20	4.13	3.48	4.20	4.20	4.20	3.59
		130	0.122	4.55	4.30	3.84	3.25	4.55	4.55	4.29	3.63	4.55	4.55	4.55	3.85
		150	0.142	5.25	4.58	4.10	3.48	5.25	5.11	4.58	3.89	5.25	5.25	5.25	4.38
		175	0.167	5.66	4.87	4.39	3.75	5.96	5.43	4.90	4.19	6.13	6.13	5.90	5.02
		200	0.192	5.43	5.12	4.64	3.98	5.72	5.70	5.17	4.45	6.27	6.27	6.23	5.37
250	0.242	5.07	5.07	5.05	4.38	5.34	5.34	5.34	4.89	5.85	5.85	5.85	5.85		



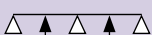
Simplified fire design table			Normal weight concrete								
Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )									
		A142			A193			A252			
		5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	
1.0	100	3.36	3.36	2.95	3.36	3.36	2.95	3.36	3.36	2.95	
	120	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	
	130	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	
	150	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	
	175	-	-	-	2.85	2.85	2.85	2.85	2.85	2.85	
	200	-	-	-	2.74	2.74	2.74	2.74	2.74	2.74	
	250	-	-	-	-	-	-	2.52	2.52	2.52	
1.5	110	3.27	3.12	2.70	3.27	3.27	2.90	3.27	3.27	3.11	
	120	3.19	3.19	2.81	3.19	3.19	3.03	3.19	3.19	3.19	
	130	3.12	3.12	2.92	3.12	3.12	3.12	3.12	3.12	3.12	
	150	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	
	175	-	-	-	2.85	2.85	2.85	2.85	2.85	2.85	
	200	-	-	-	2.74	2.74	2.74	2.74	2.74	2.74	
	250	-	-	-	-	-	-	2.52	2.52	2.52	
2.0	125	3.05	2.78	2.42	3.15	3.06	2.66	3.15	3.15	2.90	
	130	3.11	2.83	2.47	3.12	3.12	2.71	3.12	3.12	2.96	
	150	2.99	2.99	2.62	2.99	2.99	2.89	2.99	2.99	2.99	
	175	-	-	-	2.85	2.85	2.85	2.85	2.85	2.85	
	200	-	-	-	2.74	2.74	2.74	2.74	2.74	2.74	
	250	-	-	-	-	-	-	2.52	2.52	2.52	

Refer to page 3 for notes on the use of these tables

the original:

**Superib**

# Superib - Lightweight concrete

Span/load table			Lightweight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		100	0.092	3.00	3.00	3.00	2.77	3.00	3.00	3.00	2.81	3.00	3.00	3.00	2.88
		120	0.112	3.10	3.10	3.10	3.10	3.31	3.31	3.31	3.28	3.50	3.50	3.50	3.36
		130	0.122	3.03	3.03	3.03	3.03	3.24	3.24	3.24	3.24	3.43	3.43	3.43	3.43
		150	0.142	2.90	2.90	2.90	2.90	3.11	3.11	3.11	3.11	3.29	3.29	3.29	3.29
		175	0.167	2.75	2.75	2.75	2.75	2.97	2.97	2.97	2.97	3.15	3.15	3.15	3.15
		200	0.192	2.62	2.62	2.62	2.62	2.85	2.85	2.85	2.85	3.03	3.03	3.03	3.03
		250	0.242	2.41	2.41	2.41	2.41	2.63	2.63	2.63	2.63	2.83	2.83	2.83	2.83
Multiple - Unpropped		100	0.092	3.00	3.00	3.00	2.77	3.00	3.00	3.00	2.81	3.00	3.00	3.00	2.88
		120	0.112	3.42	3.42	3.42	3.23	3.60	3.60	3.60	3.28	3.60	3.60	3.60	3.36
		130	0.122	3.34	3.34	3.34	3.34	3.52	3.52	3.52	3.52	3.84	3.84	3.84	3.61
		150	0.142	3.21	3.21	3.21	3.21	3.38	3.38	3.38	3.38	3.69	3.69	3.69	3.69
		175	0.167	3.07	3.07	3.07	3.07	3.23	3.23	3.23	3.23	3.53	3.53	3.53	3.53
		200	0.192	2.95	2.95	2.95	2.95	3.10	3.10	3.10	3.10	3.40	3.40	3.40	3.40
		250	0.242	2.75	2.75	2.75	2.75	2.90	2.90	2.90	2.90	3.18	3.18	3.18	3.18
Multiple - Propped		100	0.092	3.00	3.00	3.00	2.77	3.00	3.00	3.00	2.81	3.00	3.00	3.00	2.88
		120	0.112	3.60	3.60	3.60	3.16	3.60	3.60	3.60	3.28	3.60	3.60	3.60	3.36
		130	0.122	3.90	3.90	3.90	3.30	3.90	3.90	3.90	3.52	3.90	3.90	3.90	3.61
		150	0.142	4.50	4.50	4.21	3.55	4.50	4.50	4.50	3.97	4.50	4.50	4.50	4.11
		175	0.167	5.25	5.06	4.52	3.83	5.25	5.25	5.05	4.28	5.25	5.25	5.25	4.72
		200	0.192	5.84	5.34	4.79	4.08	6.00	5.95	5.35	4.56	6.00	6.00	6.00	5.33
		250	0.242	5.46	5.46	5.25	4.51	5.75	5.75	5.75	5.04	6.30	6.30	6.30	6.08

Simplified fire design table			Lightweight concrete								
Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )									
		A142			A193			A252			
		5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	
1.0	100	3.00	3.00	2.77	3.00	3.00	2.77	3.00	3.00	2.77	
	120	3.42	3.42	3.23	3.42	3.42	3.23	3.42	3.42	3.23	
	130	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	
	150	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	
	175	-	-	-	3.07	3.07	3.07	3.07	3.07	3.07	
	200	-	-	-	2.95	2.95	2.95	2.95	2.95	2.95	
	250	-	-	-	-	-	-	2.75	2.75	2.75	
1.5	105	3.15	3.15	2.73	3.15	3.15	2.88	3.15	3.15	2.88	
	120	3.42	3.40	2.92	3.42	3.42	3.16	3.42	3.42	3.23	
	130	3.34	3.34	3.04	3.34	3.34	3.28	3.34	3.34	3.34	
	150	3.21	3.21	3.18	3.21	3.21	3.21	3.21	3.21	3.21	
	175	-	-	-	3.07	3.07	3.07	3.07	3.07	3.07	
	200	-	-	-	2.95	2.95	2.95	2.95	2.95	2.95	
	250	-	-	-	-	-	-	2.75	2.75	2.75	
2.0	115	3.17	2.86	2.46	3.45	3.17	2.72	3.45	3.45	2.98	
	120	3.23	2.92	2.51	3.42	3.23	2.78	3.42	3.42	3.05	
	130	3.34	3.03	2.61	3.34	3.34	2.89	3.34	3.34	3.17	
	150	3.21	3.17	2.75	3.21	3.21	3.04	3.21	3.21	3.21	
	175	-	-	-	3.07	3.07	3.07	3.07	3.07	3.07	
	200	-	-	-	2.95	2.95	2.95	2.95	2.95	2.95	
	250	-	-	-	-	-	-	2.75	2.75	2.75	

Refer to page 3 for notes on the use of these tables



# Ribdeck E60 - Normal weight concrete

Span/load table			Normal weight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		130	0.094	2.74	2.74	2.74	2.59	3.10	3.10	3.10	2.76	3.44	3.44	3.44	3.06
		140	0.104	2.68	2.68	2.68	2.68	3.03	3.03	3.03	2.91	3.36	3.36	3.36	3.25
		150	0.114	2.62	2.62	2.62	2.62	2.96	2.96	2.96	2.96	3.29	3.29	3.29	3.29
		160	0.124	2.57	2.57	2.57	2.57	2.90	2.90	2.90	2.90	3.23	3.23	3.23	3.23
		175	0.139	2.49	2.49	2.49	2.49	2.82	2.82	2.82	2.82	3.14	3.14	3.14	3.14
		200	0.164	2.39	2.39	2.39	2.39	2.71	2.71	2.71	2.71	3.01	3.01	3.01	3.01
		250	0.214	2.22	2.22	2.22	2.22	2.52	2.52	2.52	2.52	2.81	2.81	2.81	2.81
Multiple - Unpropped		130	0.094	3.31	3.31	3.22	2.59	3.67	3.67	3.47	2.76	4.00	4.00	3.93	3.06
		140	0.104	3.22	3.22	3.22	2.72	3.58	3.58	3.58	2.91	3.90	3.90	3.90	3.25
		150	0.114	3.14	3.14	3.14	2.87	3.49	3.49	3.49	3.07	3.81	3.81	3.81	3.45
		160	0.124	3.07	3.07	3.07	3.00	3.41	3.41	3.41	3.23	3.72	3.72	3.72	3.64
		175	0.139	2.96	2.96	2.96	2.96	3.30	3.30	3.30	3.30	3.61	3.61	3.61	3.61
		200	0.164	2.79	2.79	2.79	2.79	3.14	3.14	3.14	3.14	3.45	3.45	3.45	3.45
		250	0.214	2.53	2.53	2.53	2.53	2.87	2.87	2.87	2.87	3.19	3.19	3.19	3.19
Multiple - Propped		130	0.094	4.55	3.35	2.93	2.43	4.55	3.61	3.14	2.58	4.55	4.10	3.53	2.85
		140	0.104	4.90	3.49	3.07	2.54	4.90	3.78	3.30	2.71	4.90	4.32	3.72	3.00
		150	0.114	5.25	3.64	3.20	2.66	5.25	3.95	3.45	2.84	5.25	4.52	3.90	3.16
		160	0.124	5.60	3.78	3.32	2.77	5.60	4.10	3.59	2.96	5.60	4.72	4.08	3.31
		175	0.139	5.88	3.96	3.50	2.92	6.13	4.32	3.79	3.13	6.13	5.00	4.33	3.52
		200	0.164	5.59	4.24	3.76	3.15	6.23	4.64	4.09	3.40	6.50	5.40	4.71	3.84
		250	0.214	5.11	4.70	4.21	3.56	5.71	5.17	4.60	3.86	6.16	6.07	5.35	4.41




Simplified fire design table			Normal weight concrete								
Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )									
		A142			A193			A252			
		5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	
1.0	130	3.31	3.22	2.59	3.31	3.22	2.59	3.31	3.22	2.59	
	140	3.22	3.22	2.72	3.22	3.22	2.72	3.22	3.22	2.72	
	150	3.14	3.14	2.87	3.14	3.14	2.87	3.14	3.14	2.87	
	160	3.07	3.07	3.00	3.07	3.07	3.00	3.07	3.07	3.00	
	175	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	
	200	-	-	-	2.79	2.79	2.79	2.79	2.79	2.79	
	250	-	-	-	-	-	-	2.53	2.53	2.53	
1.5	140	3.22	3.02	2.61	3.22	3.22	2.72	3.22	3.22	2.72	
	150	3.14	3.14	2.74	3.14	3.14	2.87	3.14	3.14	2.87	
	160	3.07	3.07	2.81	3.07	3.07	3.00	3.07	3.07	3.00	
	175	2.96	2.96	2.88	2.96	2.96	2.96	2.96	2.96	2.96	
	200	-	-	-	2.79	2.79	2.79	2.79	2.79	2.79	
250	-	-	-	-	-	-	2.53	2.53	2.53		
2.0	150	3.08	2.81	2.44	3.14	3.13	2.72	3.14	3.14	2.87	
	160	3.07	2.92	2.55	3.07	3.07	2.84	3.07	3.07	3.00	
	175	2.96	2.96	2.61	2.96	2.96	2.91	2.96	2.96	2.96	
	200	-	-	-	2.79	2.79	2.79	2.79	2.79	2.79	
	250	-	-	-	-	-	-	2.53	2.53	2.53	

Refer to page 3 for notes on the use of these tables

less concrete

**Ribdeck E60**

# Ribdeck E60 - Lightweight concrete

Span/load table			Lightweight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		120	0.094	2.98	2.98	2.98	2.44	3.36	3.36	3.26	2.60	3.60	3.60	3.59	2.86
		130	0.104	2.91	2.91	2.91	2.59	3.28	3.28	3.28	2.76	3.64	3.64	3.64	3.06
		140	0.114	2.84	2.84	2.84	2.72	3.21	3.21	3.21	2.91	3.57	3.57	3.57	3.25
		150	0.124	2.78	2.78	2.78	2.78	3.15	3.15	3.15	3.07	3.50	3.50	3.50	3.45
		175	0.139	2.66	2.66	2.66	2.66	3.01	3.01	3.01	3.01	3.34	3.34	3.34	3.34
		200	0.164	2.55	2.55	2.55	2.55	2.89	2.89	2.89	2.89	3.21	3.21	3.21	3.21
		250	0.214	2.38	2.38	2.38	2.38	2.69	2.69	2.69	2.69	3.00	3.00	3.00	3.00
Multiple - Unpropped		120	0.094	3.61	3.57	3.03	2.44	3.60	3.60	3.26	2.60	3.60	3.60	3.59	2.86
		130	0.104	3.52	3.52	3.22	2.59	3.90	3.90	3.47	2.76	3.90	3.90	3.87	3.06
		140	0.114	3.44	3.44	3.40	2.72	3.82	3.82	3.68	2.91	4.18	4.18	4.14	3.25
		150	0.124	3.36	3.36	3.36	2.87	3.73	3.73	3.73	3.07	4.08	4.08	4.08	3.45
		175	0.139	3.19	3.19	3.19	3.19	3.55	3.55	3.55	3.45	3.88	3.88	3.88	3.88
		200	0.164	3.04	3.04	3.04	3.04	3.39	3.39	3.39	3.39	3.70	3.70	3.70	3.70
		250	0.214	2.77	2.77	2.77	2.77	3.12	3.12	3.12	3.12	3.43	3.43	3.43	3.43
Multiple - Propped		120	0.094	3.60	3.26	2.84	2.33	3.60	3.52	3.04	2.48	3.60	3.60	3.40	2.73
		130	0.104	3.90	3.43	2.99	2.46	3.90	3.71	3.21	2.62	3.90	3.90	3.61	2.89
		140	0.114	4.20	3.59	3.13	2.58	4.20	3.90	3.37	2.75	4.20	4.20	3.81	3.05
		150	0.124	4.50	3.75	3.27	2.70	4.50	4.08	3.53	2.89	4.50	4.50	4.01	3.22
		175	0.139	5.25	4.11	3.60	2.98	5.25	4.49	3.90	3.20	5.25	5.21	4.47	3.60
		200	0.164	6.03	4.42	3.89	3.23	6.00	4.85	4.23	3.48	6.00	5.67	4.89	3.94
		250	0.214	5.55	4.94	4.38	3.66	6.19	5.46	4.80	3.98	6.50	6.45	5.61	4.56

Simplified fire design table			Lightweight concrete								
Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )									
		A142			A193			A252			
		5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	
1.0	120	3.57	3.03	2.44	3.57	3.03	2.44	3.57	3.03	2.44	
	130	3.52	3.22	2.59	3.52	3.22	2.59	3.52	3.22	2.59	
	140	3.44	3.40	2.72	3.44	3.40	2.72	3.44	3.40	2.72	
	150	3.36	3.36	2.87	3.36	3.36	2.87	3.36	3.36	2.87	
	175	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	
	200	-	-	-	3.04	3.04	3.04	3.04	3.04	3.04	
	250	-	-	-	-	-	-	2.77	2.77	2.77	
1.5	130	3.42	3.08	2.59	3.52	3.22	2.59	3.52	3.22	2.59	
	140	3.44	3.25	2.72	3.44	3.40	2.72	3.44	3.40	2.72	
	150	3.36	3.31	2.85	3.36	3.36	2.87	3.36	3.36	2.87	
	175	3.19	3.19	2.98	3.19	3.19	3.19	3.19	3.19	3.19	
	200	-	-	-	3.04	3.04	3.04	3.04	3.04	3.04	
250	-	-	-	-	-	-	2.77	2.77	2.77		
2.0	140	3.26	2.95	2.53	3.44	3.29	2.72	3.44	3.40	2.72	
	150	3.36	3.05	2.63	3.36	3.36	2.87	3.36	3.36	2.87	
	175	3.19	3.16	2.74	3.19	3.19	3.07	3.19	3.19	3.19	
	200	-	-	-	3.04	3.04	3.04	3.04	3.04	3.04	
	250	-	-	-	-	-	-	2.77	2.77	2.77	

Refer to page 3 for notes on the use of these tables



# Ribdeck 80 - Normal weight concrete

Span/load table			Normal weight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		140	0.098	3.73	3.73	3.73	3.51	4.11	4.11	4.11	3.56	4.28	4.28	4.28	3.67
		150	0.108	3.63	3.63	3.63	3.63	4.01	4.01	4.01	3.79	4.20	4.20	4.20	3.90
		160	0.118	3.55	3.55	3.55	3.55	3.92	3.92	3.92	3.92	4.12	4.12	4.12	4.12
		170	0.128	3.47	3.47	3.47	3.47	3.83	3.83	3.83	3.83	4.05	4.05	4.05	4.05
		175	0.133	3.43	3.43	3.43	3.43	3.79	3.79	3.79	3.79	4.02	4.02	4.02	4.02
		200	0.158	3.26	3.26	3.26	3.26	3.61	3.61	3.61	3.61	3.86	3.86	3.86	3.86
		250	0.208	2.97	2.97	2.97	2.97	3.30	3.30	3.30	3.30	3.57	3.57	3.57	3.57
Multiple - Unpropped		140	0.098	4.01	4.01	4.01	3.51	4.47	4.47	4.47	3.56	4.90	4.90	4.68	3.67
		150	0.108	3.91	3.91	3.91	3.73	4.36	4.36	4.36	3.79	5.09	5.09	4.99	3.90
		160	0.118	3.82	3.82	3.82	3.82	4.26	4.26	4.26	4.03	4.98	4.98	4.98	4.14
		170	0.128	3.73	3.73	3.73	3.73	4.17	4.17	4.17	4.17	4.87	4.87	4.87	4.38
		175	0.133	3.69	3.69	3.69	3.69	4.12	4.12	4.12	4.12	4.82	4.82	4.82	4.50
		200	0.158	3.50	3.50	3.50	3.50	3.92	3.92	3.92	3.92	4.60	4.60	4.60	4.60
		250	0.208	3.20	3.20	3.20	3.20	3.58	3.58	3.58	3.58	4.23	4.23	4.23	4.23
Multiple - Propped		140	0.098	4.90	4.74	4.33	3.51	4.90	4.81	4.39	3.56	4.90	4.90	4.51	3.67
		150	0.108	5.25	5.04	4.61	3.73	5.25	5.11	4.67	3.79	5.25	5.24	4.79	3.90
		160	0.118	5.60	5.34	4.88	3.97	5.60	5.41	4.95	4.03	5.60	5.55	5.08	4.14
		170	0.128	5.95	5.64	5.16	4.20	5.95	5.72	5.23	4.26	5.95	5.86	5.36	4.38
		175	0.133	6.13	5.79	5.26	4.31	6.13	5.87	5.37	4.38	6.13	6.02	5.50	4.50
		200	0.158	6.50	6.17	5.64	4.90	6.50	6.46	5.91	4.97	6.50	6.50	6.22	5.10
		250	0.208	6.37	6.37	6.22	5.48	6.50	6.50	6.50	5.75	6.50	6.50	6.50	6.15




Simplified fire design table			Normal weight concrete											
Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )												
		A142			A193			A252			A393			
		5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	
Normal weight concrete	1.0	140	3.65	3.31	2.86	3.91	3.55	3.06	4.01	3.79	3.27	4.01	4.01	3.51
		150	3.84	3.49	3.02	3.91	3.75	3.25	3.91	3.91	3.48	3.91	3.91	3.73
		160	3.82	3.64	3.16	3.82	3.82	3.41	3.82	3.82	3.65	3.82	3.82	3.82
		170	3.73	3.71	3.23	3.73	3.73	3.49	3.73	3.73	3.73	3.73	3.73	3.73
		175	3.69	3.69	3.26	3.69	3.69	3.52	3.69	3.69	3.69	3.69	3.69	3.69
		200	-	-	-	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
		250	-	-	-	-	-	-	3.20	3.20	3.20	3.20	3.20	3.20
1.5	150	3.31	3.01	2.61	3.60	3.27	2.83	3.89	3.54	3.06	3.91	3.91	3.51	
	160	3.47	3.17	2.75	3.79	3.45	3.00	3.82	3.74	3.25	3.82	3.82	3.74	
	170	3.61	3.30	2.87	3.73	3.60	3.14	3.73	3.73	3.41	3.73	3.73	3.73	
	175	3.65	3.34	2.91	3.69	3.65	3.18	3.69	3.69	3.46	3.69	3.69	3.69	
	200	-	-	-	3.50	3.50	3.31	3.50	3.50	3.50	3.50	3.50	3.50	
250	-	-	-	-	-	-	3.20	3.20	3.20	3.20	3.20	3.20		
2.0	160	3.04	2.77	2.42	3.37	3.07	2.67	3.70	3.37	2.93	3.82	3.82	3.42	
	170	3.18	2.91	2.54	3.53	3.23	2.81	3.73	3.55	3.09	3.73	3.73	3.62	
	175	3.24	2.97	2.59	3.60	3.30	2.88	3.69	3.62	3.16	3.69	3.69	3.69	
	200	-	-	-	3.50	3.43	3.02	3.50	3.50	3.32	3.50	3.50	3.50	
	250	-	-	-	-	-	-	3.20	3.20	3.20	3.20	3.20	3.20	

Refer to page 3 for notes on the use of these tables

longer spans

**Ribdeck 80**

# Ribdeck 80 - Lightweight concrete

Span/load table			Lightweight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		130	0.098	3.90	3.90	3.89	3.10	3.90	3.90	3.90	3.16	3.90	3.90	3.90	3.26
		140	0.108	3.97	3.97	3.97	3.30	4.20	4.20	4.20	3.36	4.20	4.20	4.20	3.46
		150	0.118	3.88	3.88	3.88	3.51	4.28	4.28	4.28	3.57	4.44	4.44	4.44	3.67
		160	0.128	3.80	3.80	3.80	3.73	4.19	4.19	4.19	3.79	4.36	4.36	4.36	3.89
		175	0.133	3.68	3.68	3.68	3.68	4.07	4.07	4.07	4.07	4.25	4.25	4.25	4.23
		200	0.158	3.51	3.51	3.51	3.51	3.88	3.88	3.88	3.88	4.10	4.10	4.10	4.10
		250	0.208	3.23	3.23	3.23	3.23	3.58	3.58	3.58	3.58	3.85	3.85	3.85	3.85
Multiple - Unpropped		130	0.098	3.90	3.90	3.89	3.10	3.90	3.90	3.90	3.16	3.90	3.90	3.90	3.26
		140	0.108	4.20	4.20	4.15	3.30	4.20	4.20	4.20	3.36	4.20	4.20	4.20	3.46
		150	0.118	4.18	4.18	4.18	3.51	4.50	4.50	4.49	3.57	4.50	4.50	4.50	3.67
		160	0.128	4.09	4.09	4.09	3.73	4.56	4.56	4.56	3.79	4.80	4.80	4.80	3.89
		175	0.133	3.96	3.96	3.96	3.96	4.43	4.43	4.43	4.11	5.18	5.18	5.18	4.23
		200	0.158	3.77	3.77	3.77	3.77	4.22	4.22	4.22	4.22	4.95	4.95	4.95	4.79
		250	0.208	3.47	3.47	3.47	3.47	3.89	3.89	3.89	3.89	4.58	4.58	4.58	4.58
Multiple - Propped		130	0.098	3.90	3.90	3.80	3.10	3.90	3.90	3.86	3.16	3.90	3.90	3.90	3.26
		140	0.108	4.20	4.20	4.04	3.30	4.20	4.20	4.11	3.36	4.20	4.20	4.20	3.46
		150	0.118	4.50	4.50	4.30	3.51	4.50	4.50	4.37	3.57	4.50	4.50	4.49	3.67
		160	0.128	4.80	4.80	4.56	3.73	4.80	4.80	4.63	3.79	4.80	4.80	4.75	3.89
		175	0.133	5.25	5.25	4.95	4.05	5.25	5.25	5.02	4.11	5.25	5.25	5.15	4.23
		200	0.158	6.00	6.00	5.59	4.59	6.00	6.00	5.67	4.66	6.00	6.00	5.82	4.79
		250	0.208	6.50	6.50	6.50	5.67	6.50	6.50	6.50	5.76	6.50	6.50	6.50	5.91

Simplified fire design table			Lightweight concrete											
	Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )											
			A142			A193			A252			A393		
			5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0
Normal weight concrete	1.0	130	3.62	3.25	2.78	3.87	3.48	2.98	3.90	3.72	3.10	3.90	3.89	3.10
		140	3.85	3.47	2.98	4.15	3.73	3.20	4.20	4.00	3.30	4.20	4.15	3.30
		150	4.04	3.65	3.14	4.18	3.94	3.38	4.18	4.18	3.51	4.18	4.18	3.51
		160	4.09	3.78	3.26	4.09	4.09	3.52	4.09	4.09	3.73	4.09	4.09	3.73
		175	3.96	3.89	3.36	3.96	3.96	3.63	3.96	3.96	3.90	3.96	3.96	3.96
		200	-	-	-	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77
		250	-	-	-	-	-	-	3.47	3.47	3.47	3.47	3.47	3.47
	1.5	140	3.37	3.04	2.61	3.68	3.31	2.84	3.99	3.59	3.08	4.20	4.13	3.30
		150	3.59	3.24	2.79	3.93	3.55	3.05	4.18	3.85	3.31	4.18	4.18	3.51
		160	3.76	3.40	2.93	4.09	3.73	3.21	4.09	4.06	3.50	4.09	4.09	3.73
		175	3.84	3.49	3.02	3.96	3.82	3.31	3.96	3.96	3.60	3.96	3.96	3.96
		200	-	-	-	3.77	3.77	3.44	3.77	3.77	3.74	3.77	3.77	3.77
	250	-	-	-	-	-	-	3.47	3.47	3.47	3.47	3.47	3.47	
	2.0	150	3.18	2.87	2.47	3.53	3.19	2.75	3.89	3.51	3.02	4.18	4.12	3.51
		160	3.37	3.05	2.63	3.75	3.39	2.93	4.09	3.74	3.22	4.09	4.09	3.73
		175	3.49	3.17	2.74	3.89	3.54	3.06	3.96	3.90	3.37	3.96	3.96	3.96
		200	-	-	-	3.77	3.64	3.17	3.77	3.77	3.49	3.77	3.77	3.77
		250	-	-	-	-	-	-	3.47	3.47	3.47	3.47	3.47	3.47

Refer to page 3 for notes on the use of these tables

# Ribdeck AL - Normal weight concrete

Span/load table			Normal weight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		120	0.095	2.96	2.96	2.96	2.95	3.06	3.06	3.06	3.06	3.23	3.23	3.23	3.20
		130	0.105	2.88	2.88	2.88	2.88	2.98	2.98	2.98	2.98	3.15	3.15	3.15	3.15
		140	0.115	2.81	2.81	2.81	2.81	2.90	2.90	2.90	2.90	3.07	3.07	3.07	3.07
		150	0.125	2.75	2.75	2.75	2.75	2.84	2.84	2.84	2.84	3.00	3.00	3.00	3.00
		175	0.150	2.61	2.61	2.61	2.61	2.70	2.70	2.70	2.70	2.85	2.85	2.85	2.85
		200	0.175	2.49	2.49	2.49	2.49	2.58	2.58	2.58	2.58	2.73	2.73	2.73	2.73
		250	0.225	2.31	2.31	2.31	2.31	2.39	2.39	2.39	2.39	2.53	2.53	2.53	2.53
Multiple - Unpropped		120	0.095	3.27	3.27	3.27	2.95	3.53	3.53	3.53	3.08	3.81	3.81	3.81	3.20
		130	0.105	3.19	3.19	3.19	3.14	3.44	3.44	3.44	3.27	3.71	3.71	3.71	3.44
		140	0.115	3.12	3.12	3.12	3.12	3.36	3.36	3.36	3.36	3.62	3.62	3.62	3.62
		150	0.125	3.05	3.05	3.05	3.05	3.28	3.28	3.28	3.28	3.54	3.54	3.54	3.54
		175	0.150	2.88	2.88	2.88	2.88	3.12	3.12	3.12	3.12	3.37	3.37	3.37	3.37
		200	0.175	2.73	2.73	2.73	2.73	2.99	2.99	2.99	2.99	3.23	3.23	3.23	3.23
		250	0.225	2.48	2.48	2.48	2.48	2.76	2.76	2.76	2.76	3.00	3.00	3.00	3.00
Multiple - Propped		120	0.095	4.20	3.94	3.40	2.75	4.20	4.10	3.53	2.87	4.20	4.20	3.80	3.10
		130	0.105	4.55	4.14	3.57	2.90	4.55	4.30	3.72	3.02	4.55	4.55	3.99	3.26
		140	0.115	4.90	4.34	3.75	3.05	4.90	4.50	3.90	3.17	4.90	4.82	4.19	3.42
		150	0.125	5.25	4.52	3.92	3.19	5.25	4.69	4.07	3.32	5.25	5.02	4.37	3.58
		175	0.150	5.73	4.94	4.30	3.52	6.13	5.12	4.47	3.66	6.13	5.47	4.79	3.93
		200	0.175	5.47	5.30	4.65	3.82	5.92	5.49	4.82	3.97	6.40	5.86	5.16	4.26
		250	0.225	5.03	5.03	5.03	4.34	5.49	5.49	5.41	4.51	5.95	5.95	5.78	4.83



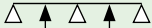
Simplified fire design table			Normal weight concrete								
Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )									
		A142			A193			A252			
		5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	
Normal weight concrete	1.0	120	3.27	3.23	2.79	3.27	3.27	2.95	3.27	3.27	2.95
		130	3.19	3.19	2.93	3.19	3.19	3.14	3.19	3.19	3.14
		140	3.12	3.12	3.01	3.12	3.12	3.12	3.12	3.12	3.12
		150	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05
		175	-	-	-	2.88	2.88	2.88	2.88	2.88	2.88
		200	-	-	-	2.73	2.73	2.73	2.73	2.73	2.73
		250	-	-	-	-	-	-	2.48	2.48	2.48
1.5	130	3.19	2.96	2.57	3.19	3.19	2.80	3.19	3.19	3.04	
	140	3.12	3.10	2.69	3.12	3.12	2.94	3.12	3.12	3.12	
	150	3.05	3.05	2.75	3.05	3.05	3.02	3.05	3.05	3.05	
	175	-	-	-	2.88	2.88	2.88	2.88	2.88	2.88	
	200	-	-	-	2.73	2.73	2.73	2.73	2.73	2.73	
250	-	-	-	-	-	-	2.48	2.48	2.48		
2.0	140	3.01	2.74	2.38	3.12	3.05	2.65	3.12	3.12	2.90	
	150	3.05	2.85	2.49	3.05	3.05	2.76	3.05	3.05	3.04	
	175	-	-	-	2.88	2.88	2.88	2.88	2.88	2.88	
	200	-	-	-	2.73	2.73	2.73	2.73	2.73	2.73	
250	-	-	-	-	-	-	2.48	2.48	2.48		

Refer to page 3 for notes on the use of these tables

shallow slabs  
efficient designs

**Ribdeck AL**

# Ribdeck AL - Lightweight concrete

Span/load table			Lightweight concrete												
	Support Condition	Slab Depth (mm)	Concrete Volume (m <sup>3</sup> /m <sup>2</sup> )	0.9 Gauge				1.0 Gauge				1.2 Gauge			
				Imposed Load				Imposed Load				Imposed Load			
				FW	5.0	6.7	10.0	FW	5.0	6.7	10.0	FW	5.0	6.7	10.0
Single - Unpropped		110	0.095	3.27	3.27	3.27	2.67	3.30	3.30	3.30	2.72	3.30	3.30	3.30	2.80
		120	0.105	3.18	3.18	3.18	2.88	3.28	3.28	3.28	2.93	3.46	3.46	3.46	3.01
		130	0.115	3.09	3.09	3.09	3.09	3.19	3.19	3.19	3.15	3.37	3.37	3.37	3.23
		150	0.125	2.95	2.95	2.95	2.95	3.05	3.05	3.05	3.05	3.22	3.22	3.22	3.22
		175	0.150	2.80	2.80	2.80	2.80	2.90	2.90	2.90	2.90	3.06	3.06	3.06	3.06
		200	0.175	2.68	2.68	2.68	2.68	2.77	2.77	2.77	2.77	2.93	2.93	2.93	2.93
Multiple - Unpropped		110	0.095	3.30	3.30	3.30	2.67	3.30	3.30	3.30	2.72	3.30	3.30	3.30	2.80
		120	0.105	3.49	3.49	3.49	2.88	3.60	3.60	3.60	2.93	3.60	3.60	3.60	3.01
		130	0.115	3.41	3.41	3.41	3.10	3.69	3.69	3.69	3.15	3.90	3.90	3.90	3.23
		150	0.125	3.27	3.27	3.27	3.27	3.53	3.53	3.53	3.53	3.81	3.81	3.81	3.70
		175	0.150	3.11	3.11	3.11	3.11	3.35	3.35	3.35	3.35	3.62	3.62	3.62	3.62
		200	0.175	2.97	2.97	2.97	2.97	3.21	3.21	3.21	3.21	3.47	3.47	3.47	3.47
Multiple - Propped		110	0.095	3.30	3.30	3.27	2.63	3.30	3.30	3.30	2.72	3.30	3.30	3.30	2.80
		120	0.105	3.60	3.60	3.47	2.79	3.60	3.60	3.60	2.91	3.60	3.60	3.60	3.01
		130	0.115	3.90	3.90	3.66	2.95	3.90	3.90	3.81	3.07	3.90	3.90	3.90	3.23
		150	0.125	4.50	4.50	4.04	3.25	4.50	4.50	4.19	3.39	4.50	4.50	4.50	3.65
		175	0.150	5.25	5.17	4.46	3.60	5.25	5.25	4.62	3.75	5.25	5.25	4.95	4.03
		200	0.175	5.90	5.58	4.83	3.92	6.00	5.78	5.01	4.08	6.00	6.00	5.36	4.38
250	0.225	5.46	5.46	5.46	4.49	5.92	5.92	5.69	4.66	6.41	6.41	6.06	4.99		

Simplified fire design table			Lightweight concrete								
Fire Rating (Hrs)	Slab Depth (mm)	Span (m) for given Imposed Load (kN/m <sup>2</sup> )									
		A142			A193			A252			
		5.0	6.7	10.0	5.0	6.7	10.0	5.0	6.7	10.0	
Lightweight concrete	1.0	110	3.30	3.18	2.67	3.30	3.30	2.67	3.30	3.30	2.67
		120	3.49	3.37	2.88	3.49	3.49	2.88	3.49	3.49	2.88
		130	3.41	3.41	3.01	3.41	3.41	3.10	3.41	3.41	3.10
		150	3.27	3.27	3.15	3.27	3.27	3.27	3.27	3.27	3.27
		175	-	-	-	3.11	3.11	3.11	3.11	3.11	3.11
		200	-	-	-	2.97	2.97	2.97	2.97	2.97	2.97
		250	-	-	-	-	-	-	2.72	2.72	2.72
1.5	120	3.35	3.01	2.58	3.49	3.31	2.83	3.49	3.49	2.88	
	130	3.41	3.17	2.73	3.41	3.41	3.00	3.41	3.41	3.10	
	150	3.27	3.27	2.85	3.27	3.27	3.13	3.27	3.27	3.27	
	175	-	-	-	3.11	3.11	3.11	3.11	3.11	3.11	
	200	-	-	-	2.97	2.97	2.97	2.97	2.97	2.97	
250	-	-	-	-	-	-	2.72	2.72	2.72		
2.0	130	3.18	2.87	2.47	3.41	3.20	2.75	3.41	3.41	3.03	
	150	3.27	3.02	2.61	3.27	3.27	2.91	3.27	3.27	3.22	
	175	-	-	-	3.11	3.11	3.03	3.11	3.11	3.11	
	200	-	-	-	2.97	2.97	2.97	2.97	2.97	2.97	
250	-	-	-	-	-	-	2.72	2.72	2.72		

Refer to page 3 for notes on the use of these tables





**Richard Lees Steel Decking Ltd**

Moor Farm Road West, The Airfield, Ashbourne,  
Derbyshire, DE6 1HD, UK.

Tel: +44 (0) 1335 300 999 Fax: +44 (0) 1335 300 888

[www.rlsd.com](http://www.rlsd.com) Email: [rlsd.decks@skanska.co.uk](mailto:rlsd.decks@skanska.co.uk)

Content copyright Richard Lees Steel Decking Ltd and liable to change without notice.

Trademarks acknowledged.

SL1EUR

