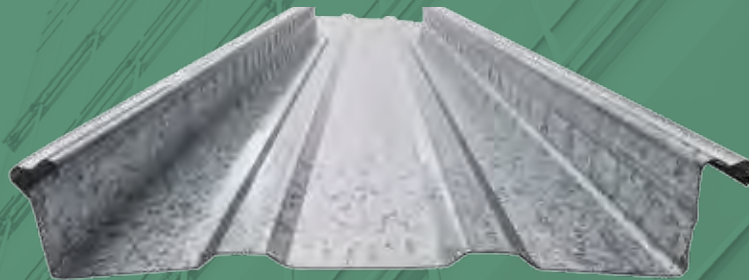
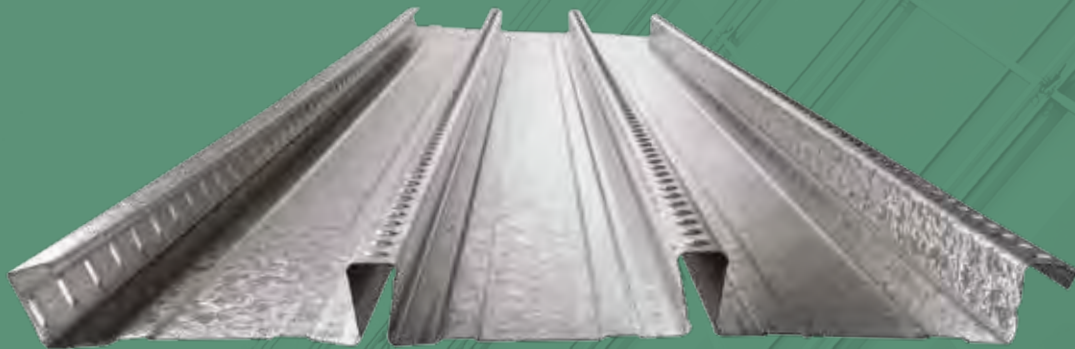


# Armourdeck™

STEEL DECK FORMWORK



**BigRiver**





## ARMOURDECK™ STEEL FORMWORK

Now available in two deck profiles to better fit the needs of your project.

MANUFACTURED BY  
BIG RIVER GROUP,  
THE FORMWORK SPECIALISTS.

- > High composite strength
- > Long spanning capability
- > Interlocking horizontal laps
- > Two widths 600 and 300mm

Armourdeck™ steel formwork provides a fast, efficient method of creating suspended concrete slabs. The composite action of the steel decking also increases efficiency by forming a high performance composite slab.

Armourdeck™ steel formwork offers excellent spanning capabilities, high composite strength and minimal deflection. It is ideal for both concrete and steel frame construction.

Armourdeck™ steel formwork is roll-formed from hot-dip zinc coated, hi-tensile steel strip in a range of base metal thicknesses (BMT) conforming to AS1397.

- > Lighter than traditional formply
- > Fast, easy installation
- > No stripping of formwork
- > Works as a composite slab
- > Saves on concrete and reinforcement
- > Reliable interlocking joints
- > Complete with a range of accessories



### ARMOURDECK™ 600

600mm cover for fast installation

- > 600mm width for quick cover
- > High composite strength
- > Long spanning capability
- > Ribs create safe working platform
- > Interlocking horizontal laps
- > Slip-resistant embossments

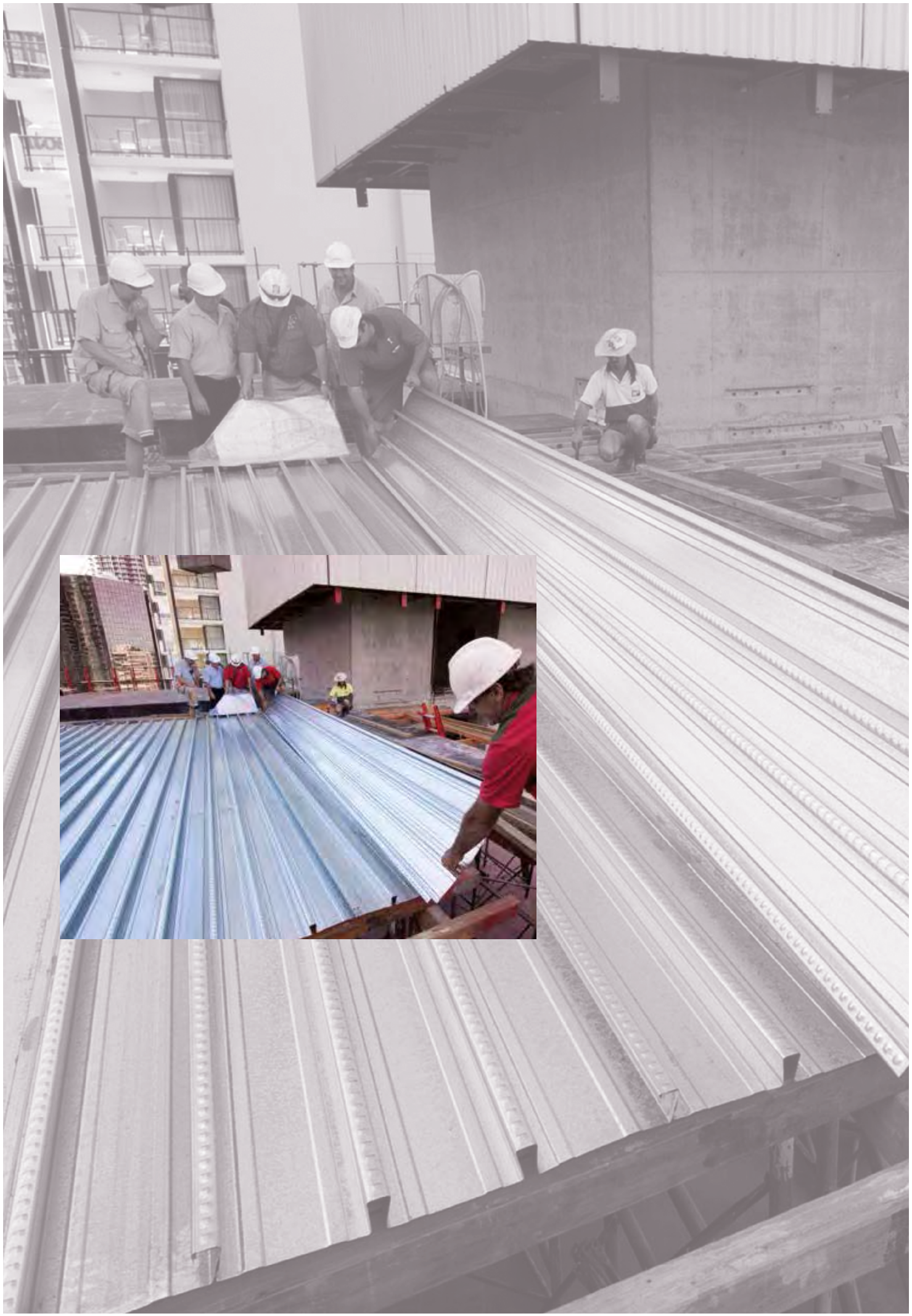


### ARMOURDECK™ 300

300mm cover for ease of handling

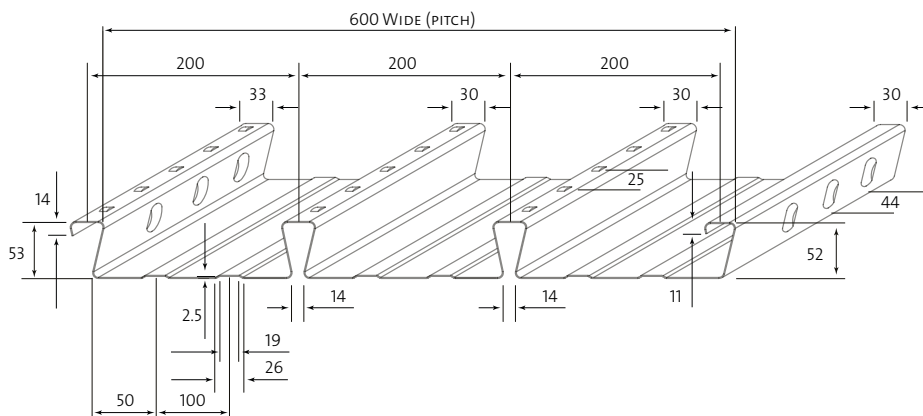
- > 300mm width for ease of handling
- > Light and easy to carry
- > Composite action
- > Interlocking laps
- > Flat soffit for attractive ceiling finish
- > No voids in slab





# ARMOURDECK™ 600

The traditional “re-entrant” design of Armourdeck™ 600 is based on a high-strength, three-pan profile with a width of 600mm and overlapping ribs for quick installation. The steel deck acts as permanent formwork and requires minimal propping.



- > 600mm width for quick cover
- > High composite strength
- > Long spanning capability
- > Ribs create safe working platform
- > Interlocking horizontal laps
- > Slip-resistant embossments

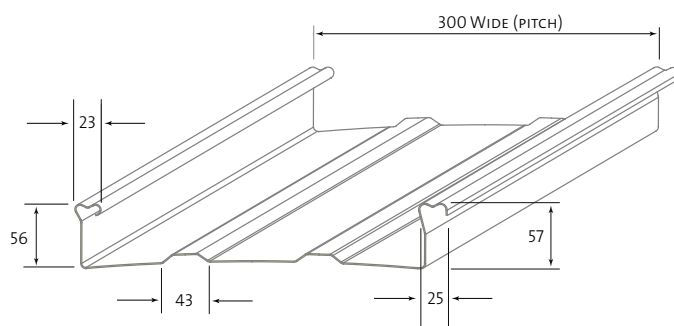
## GENERAL PRODUCT DATA

Gauge BMT (mm)	Lineal Metres per Tonne	Mass Linear (kg/m)	Mass Area (kg/m²)	Zinc Coating (g/m²)	Yield Strength (MPa)	Coverage (m²/tonne)
0.60	198.8	5.03	8.38	Z350	550	119.28
0.75	161.4	6.20	10.33	Z350	550	96.84
0.90	135.8	7.36	12.27	Z350	550	81.48
1.00	122.8	8.14	13.57	Z350	550	73.68

Note: Design and detailing should be carried out by a qualified structural engineer

# ARMOURDECK™ 300

The narrower sheet width of Armourdeck™ 300 makes it easier to cut, carry and install on site. The flat soffit is visually more appealing where the decking is left exposed, such as in car parks, while the absence of voids improves slab performance.



- 300mm width for ease of handling
- Light and easy to carry
- Composite action
- Interlocking laps
- Flat soffit for attractive ceiling finish
- No voids in slab

## GENERAL PRODUCT DATA

Gauge BMT (mm)	Lineal Metres per Tonne	Mass Linear (kg/m)	Mass Area (kg/m²)	Zinc Coating (g/m²)	Yield Strength (MPa)	Coverage (m²/tonne)
0.60	N/A	N/A	N/A	N/A	N/A	N/A
0.75	334	2.99	9.98	Z350	550	100.2
0.90	281	3.55	11.86	Z350	550	84.3
1.00	254	3.93	13.12	Z350	550	76.2

Note: Design and detailing should be carried out by a qualified structural engineer



## MATERIAL SPECIFICATIONS

ARMOURDECK™ IS MANUFACTURED FROM A G550 (550 MPA YIELD STRESS) STEEL WITH A BASE METAL THICKNESS (BMT) OF 0.60MM, 0.75MM, OR 1.0MM. 0.9MM THICKNESS IS ALSO AVAILABLE ON REQUEST. THE GALVANIZED COATING THICKNESS IS A Z350 (350 G/M<sup>2</sup>) IN ACCORDANCE WITH AS1397.

## INSTALLATION INSTRUCTIONS

### TEMPORARY PROPPING

Where temporary propping is required, vertical props must be placed at the correct centres, supporting timber or steel bearers approximately 100mm square in section. Placement of props should take into account loading by wet concrete, as well as other local loading, to prevent deflection during construction.

Props should only be removed when the slab has reached sufficient strength (75% or more of the specified 28-day strength). Only when the slab has achieved its full 28-day strength should the full design load be applied.

All propping should meet the requirements of AS3610, including the bracing.

### CUTTING

Armourdeck™ sheets can be supplied cut to length. Where cutting is required, such as around cut-outs, use a power saw with an abrasive disc or metal cutting blade.

### LAYING

Place the Armourdeck™ sheet over the supports, allowing a minimum end bearing of 50mm. Where the decking is supported by walls, the sheets must be isolated from the concrete or masonry by a separating strip such as malthoid.

After the first sheet of Armourdeck™ is placed, subsequent sheets are placed by overlapping the side ribs. Place the larger external embossed rib (overlapping edge) over the internal rib and lower the sheet into position.



### FASTENING

The Armourdeck™ sheets must be secured to the supporting structure to eliminate excessive deflection during the concrete pour.

For steel support structures, use self-tapping fasteners or shot-fired pins, allowing one fastener per pan at each support.

Where the Armourdeck™ sheets are supported on concrete or masonry walls, temporary fasteners must be used until the concrete is poured, to prevent movement and wind uplift.

### REINFORCING

All reinforcement must be placed in strict accordance with the structural engineer's drawings and specifications and comply with the relevant codes and standards.

### CONCRETE

To ensure an optimum bond between the deck and the concrete, the concrete mix must be as specified and the deck cleared of debris, oil, grease and dirt. Apply the concrete evenly over the deck, avoiding mounds and other excessive loading.





## ARMOURDECK™ 600

### SPAN TABLE GUIDELINES

- The spans shown in these tables are the maximum permissible formwork spans (in millimetres) between permanent supports, for unpropped spans and with one or two rows of temporary props.
- Allowance has been made for a construction live load of 1.0 kPa as per AS3610-1995 clause 4.4.2.3. Deflections have been calculated taking into account the self-weight of the steel sheeting, the weight of wet concrete (2400 kg/m<sup>3</sup>) and the possibility of ponding.
- Allowance has been made for a vertical live load from stacked materials of 4.0 kPa during the construction phase, as per AS3610-1995 clause 4.4.2.4.
- A limit on the slab span-to-thickness ratio of 40 has been applied to single-span slabs. Values greater than this may be achieved, pending consultation with a structural engineer.

### SPAN TABLE NOTES

The formwork span tables are based on the following parameters:

- Concrete density of 2400 kg/m<sup>3</sup>.
- Support bearers extending across the full width of the sheeting.
- Temporary props, where used, spaced equally within a span.
- Minimum bearer width of 50mm at each end of the sheets and 100mm at intermediate props.

The following maximum loads have been assumed during the construction phase:

- Workers and equipment = 100 kg/m<sup>2</sup>.
- Mounding of concrete = 100 kg/m<sup>2</sup> over one area of 1.6 x 1.6m.
- Stacked material on the deck before placing concrete = 100 kg/m<sup>2</sup>.

#### The following limitations apply:

- The ratio of two adjacent slab span lengths does not exceed 1.2.
- The sheets are not spliced or jointed.
- The sheeting has no cantilevered sections.
- Fixing of sheeting to temporary and permanent supports is adequate.
- Deflection of supports is ignored. It is assumed that temporary and permanent supports are effectively rigid and strong enough to support construction loads.
- Wet concrete deflection = span/240 or span/130, where the span is the unsupported distance between the centre of temporary props or permanent supports.
- Where the sheeting is to be left exposed, 300mm-wide sheets of formply are placed on top of prop bearers to minimise prop marks.

The information contained in this publication is intended for guidance only. This information is to be used only in conjunction with advice from a qualified structural engineer.

Further details are available from Big River.



## ARMOURDECK™ 600 FORMWORK SPAN TABLES

### SINGLE SPAN – L/130 DEFLECTION LIMIT

SLAB THICKNESS (mm)	UNPROPPED			1 ROW OF PROPS			2 ROWS OF PROPS		
	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm
100	2050	2500	2750	4000	4000	4000	4000	4000	4000
110	2000	2450	2650	4400	4400	4400	4400	4400	4400
120	1950	2350	2600	4400	4800	4800	4800	4800	4800
130	1900	2300	2550	4300	5200	5200	5200	5200	5200
140	1850	2250	2500	4200	5100	5600	5600	5600	5600
150	1850	2200	2450	4100	5000	6000	6000	6000	6000
160	1800	2200	2400	4050	4900	6350	6050	6400	6400
170	1750	2150	2350	3950	4800	6200	5950	6800	6800
180	1750	2100	2300	3900	4750	6100	5850	7100	7200
190	1700	2050	2250	3800	4650	6000	5750	7000	7600
200	1700	2050	2250	3750	4550	5900	5650	6850	8000
210	1650	2000	2200	3700	4500	5800	5550	6750	8400
220	1650	2000	2150	3650	4400	5700	5450	6650	8450
230	1600	1950	2150	3600	4350	5600	5400	6550	8350
240	1600	1900	2100	3550	4300	5500	5300	6450	8200
250	1550	1850	2100	3500	4200	5450	5250	6450	8100

### TWO SPANS – L/130 DEFLECTION LIMIT

mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm
100	2300	2800	3550	4000	4000	4000	4000	4000	4000
110	2250	2750	3500	4400	4400	4400	4400	4400	4400
120	2200	2650	3400	4400	4800	4800	4800	4800	4800
130	2150	2600	3350	4300	5200	5200	5200	5200	5200
140	2100	2550	3250	4200	5100	5600	5600	5600	5600
150	2050	2500	3200	4100	5000	6000	6000	6000	6000
160	2000	2450	3150	4050	4900	6050	6050	6400	6400
170	1950	2400	3100	3950	4800	5950	5950	6800	6800
180	1950	2350	3050	3900	4750	5850	5850	7100	7200
190	1900	2300	3000	3800	4650	5750	5750	7000	7600
200	1850	2250	2950	3750	4550	5700	5650	6850	8000
210	1850	2250	2900	3700	4500	5600	5550	6750	8400
220	1800	2200	2850	3650	4400	5500	5450	6650	8300
230	1800	2150	2800	3600	4350	5450	5400	6550	8150
240	1750	2150	2750	3550	4300	5350	5300	6450	8000
250	1750	2100	2700	3500	4200	5250	5250	6350	7900

### THREE SPANS – L/130 DEFLECTION LIMIT

mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm
100	2300	2800	3400	4000	4000	4000	4000	4000	4000
110	2250	2750	3300	4400	4400	4400	4400	4400	4400
120	2200	2650	3200	4400	4800	4800	4800	4800	4800
130	2150	2600	3150	4300	5200	5200	5200	5200	5200
140	2100	2550	3100	4200	5100	5600	5600	5600	5600
150	2050	2500	3050	4100	5000	6000	6000	6000	6000
160	2000	2450	2950	4050	4900	6050	6050	6400	6400
170	1950	2400	2900	3950	4800	5950	5950	6500	6500
180	1950	2350	2850	3900	4750	5850	5850	6500	6500
190	1900	2300	2850	3800	4650	5750	5750	6500	6500
200	1850	2250	2800	3750	4550	5700	5650	6500	6500
210	1850	2250	2750	3700	4500	5600	5550	6500	6500
220	1800	2200	2700	3650	4400	5500	5450	6500	6500
230	1800	2150	2650	3600	4350	5450	5400	6500	6500
240	1750	2150	2600	3550	4300	5350	5300	6450	6500
250	1750	2100	2550	3500	4200	5250	5250	6350	6500



## SINGLE SPAN – L/240 DEFLECTION LIMIT

SLAB THICKNESS (mm)	UNPROPPED			1 ROW OF PROPS			2 ROWS OF PROPS		
	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm
100	1900	2100	2300	4000	4000	4000	4000	4000	4000
110	1850	2000	2200	4400	4400	4400	4400	4400	4400
120	1800	1950	2150	4450	4800	4800	4800	4800	4800
130	1700	1900	2100	4350	5200	5200	5200	5200	5200
140	1650	1850	2050	4250	5200	5600	5600	5600	5600
150	1600	1800	2000	4150	5100	5650	6000	6000	6000
160	1550	1750	1950	4050	4950	5550	5900	6400	6400
170	1550	1700	1900	4000	4850	5400	5700	6600	6800
180	1500	1650	1850	3900	4750	5300	5550	6400	7200
190	1450	1600	1850	3850	4650	5200	5450	6300	7050
200	1450	1550	1800	3800	4550	5100	5300	6150	6900
210	1400	1550	1750	3700	4450	5000	5200	6000	6750
220	1350	1500	1700	3650	4350	4900	5100	5900	6650
230	1350	1500	1700	3600	4300	4800	4950	5800	6550
240	1300	1450	1650	3550	4200	4700	4850	5650	6450
250	1300	1450	1600	3500	4150	4650	4800	5550	6350

## TWO SPANS – L/240 DEFLECTION LIMIT

mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm
100	2350	2700	3000	4000	4000	4000	4000	4000	4000
110	2250	2650	2900	4400	4400	4400	4400	4400	4400
120	2200	2550	2850	4350	4800	4800	4800	4800	4800
130	2150	2500	2750	4200	4800	5200	5200	5200	5200
140	2100	2450	2700	4050	4650	5150	5600	5600	5600
150	2050	2350	2650	3950	4500	5000	5900	6000	6000
160	2000	2300	2550	3800	4400	4900	5750	6400	6400
170	1950	2250	2500	3700	4300	4800	5600	6450	6800
180	1900	2200	2450	3600	4150	4700	5450	6250	7050
190	1850	2150	2400	3500	4050	4600	5300	6100	6900
200	1800	2100	2350	3450	4000	4500	5150	6000	6750
210	1750	2050	2300	3350	3900	4400	5050	5850	6650
220	1750	2000	2250	3300	3800	4350	4950	5750	6500
230	1700	1950	2200	3200	3750	4250	4850	5650	6400
240	1650	1950	2200	3150	3700	4200	4750	5550	6300
250	1650	1900	2150	3100	3600	4100	4650	5450	6200

## THREE SPANS – L/240 DEFLECTION LIMIT

mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm
100	2300	2550	2850	4000	4000	4000	4000	4000	4000
110	2200	2500	2750	4400	4400	4400	4400	4400	4400
120	2100	2400	2650	4350	4800	4800	4800	4800	4800
130	2050	2350	2600	4200	4800	5200	5200	5200	5200
140	1950	2250	2500	4050	4650	5150	5600	5600	5600
150	1900	2200	2450	3950	4500	5000	5900	6000	6000
160	1850	2150	2400	3800	4400	4900	5750	6400	6400
170	1800	2100	2350	3700	4300	4800	5600	6450	6500
180	1750	2050	2300	3600	4150	4700	5450	6250	6500
190	1700	2000	2250	3500	4050	4600	5300	6100	6500
200	1650	1950	2200	3450	4000	4500	5150	6000	6500
210	1650	1900	2150	3350	3900	4400	5050	5850	6500
220	1600	1850	2100	3300	3800	4350	4950	5750	6500
230	1550	1800	2050	3200	3750	4250	4850	5650	6400
240	1550	1800	2050	3150	3700	4200	4750	5550	6300
250	1500	1750	2000	3100	3600	4100	4650	5450	6200

## ARMOURDECK™ 300 FORMWORK SPAN TABLES

### SINGLE SPAN – L/150 DEFLECTION LIMIT

SLAB THICKNESS (mm)	UNPROPPED			1 ROW OF PROPS			2 ROWS OF PROPS		
	0.75mm	0.90mm	1.00mm	0.75mm	0.90mm	1.00mm	0.75mm	0.90mm	1.00mm
110	2200	2550	2750	<b>4700</b>	<b>5600</b>	<b>6100</b>	N/A	N/A	N/A
120	2150	2500	2700	4600	<b>5500</b>	<b>6000</b>	N/A	N/A	N/A
130	2150	2450	2600	4500	<b>5300</b>	<b>5800</b>	<b>7050</b>	N/A	N/A
140	2100	2400	2550	4400	5200	<b>5700</b>	<b>6900</b>	N/A	N/A
150	2050	2350	2500	4300	5100	5600	<b>6750</b>	<b>8100</b>	N/A
160	2000	2300	2450	4100	5000	5400	<b>6600</b>	<b>7950</b>	<b>8700</b>
170	1950	2250	2450	4100	4900	5300	6450	<b>7650</b>	<b>8400</b>
180	1950	2200	2400	4000	4800	5200	6300	<b>7500</b>	<b>8250</b>
190	1900	2200	2350	3900	4700	5100	6150	7350	<b>8100</b>
200	1850	2150	2300	3800	4600	5000	6000	7200	7950
210	1850	2100	2250	3700	4500	4900	5850	7050	7800
220	1800	2100	2250	3600	4400	4800	5700	6900	7650
230	1800	2050	2200	3600	4300	4800	5700	6900	7500
240	1750	2050	2150	3500	4200	4700	5550	6750	7350
250	1750	2000	2150	3400	4200	4600	5400	6300	7350

### SINGLE SPANS – L/240 DEFLECTION LIMIT

mm	0.75mm	0.90mm	1.00mm	0.75mm	0.90mm	1.00mm	0.75mm	0.90mm	1.00mm
110	2200	2500	2600	<b>4700</b>	<b>5600</b>	<b>6100</b>	N/A	N/A	N/A
120	2150	2400	2500	4600	<b>5500</b>	<b>6000</b>	N/A	N/A	N/A
130	2150	2300	2450	4500	<b>5300</b>	<b>5800</b>	<b>7050</b>	<b>7800</b>	N/A
140	2100	2200	2350	4400	5200	<b>5700</b>	<b>6900</b>	<b>7350</b>	<b>8100</b>
150	2050	2150	2250	4300	5100	5600	<b>6750</b>	<b>6750</b>	<b>7650</b>
160	2000	2050	2200	4100	5000	5400	6000	6000	<b>7050</b>
170	1950	2000	2100	4100	4900	5300	5400	5400	6600
180	1900	1900	2050	4000	4700	5200	5250	5250	5400
190	1850	1850	2000	3900	4400	5000	5100	5100	5400
200	1800	1800	1900	3800	4000	4700	5100	5100	5250
210	1750	1750	1850	3600	3600	4400	4950	4950	5250
220	1700	1700	1800	3500	3500	4100	4950	4950	5100
230	1650	1650	1750	3500	3500	3600	4800	4800	5100
240	1600	1600	1700	3400	3400	3600	4800	4800	4950
250	1550	1550	1700	3400	3400	3500	4800	4800	4950

### TWO OR MORE SPANS – L/150 DEFLECTION LIMIT

mm	0.75mm	0.90mm	1.00mm	0.75mm	0.90mm	1.00mm	0.75mm	0.90mm	1.00mm
110	2350	2800	3050	<b>5000</b>	<b>5900</b>	<b>6500</b>	N/A	N/A	N/A
120	2300	2750	3000	<b>4900</b>	<b>5800</b>	<b>6300</b>	N/A	N/A	N/A
130	2250	2650	2900	4700	<b>5600</b>	<b>6200</b>	<b>7050</b>	N/A	N/A
140	2200	2600	2850	4600	5500	<b>6000</b>	<b>6900</b>	N/A	N/A
150	2150	2550	2800	4500	5400	5900	<b>6750</b>	<b>8100</b>	N/A
160	2050	2500	2700	4400	5300	5800	<b>6600</b>	<b>7950</b>	<b>8700</b>
170	2050	2450	2650	4300	5100	5600	6450	<b>7650</b>	<b>8400</b>
180	2000	2400	2600	4200	5000	5500	6300	<b>7500</b>	<b>8250</b>
190	1950	2350	2550	4100	4900	5400	6150	7350	<b>8100</b>
200	1900	2300	2500	4000	4800	5300	6000	7200	7950
210	1850	2250	2450	3900	4700	5200	5850	7050	7800
220	1800	2200	2400	3800	4600	5100	5700	6900	7650
230	1800	2150	2400	3800	4600	5000	5700	6900	7500
240	1750	2100	2350	3700	4500	4900	5550	6750	7350
250	1700	2100	2300	3600	4200	4900	5400	6300	7350

Spans printed in **bold italics** exceed the recommended span-to-thickness limits



## TWO OR MORE SPANS – L/240 DEFLECTION LIMIT

SLAB THICKNESS (mm)	UNPROPPED			1 ROW OF PROPS			2 ROWS OF PROPS		
	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm	0.60mm	0.75mm	1.00mm
110	2350	2800	3050	<b>5000</b>	<b>5900</b>	<b>6200</b>	N/A	N/A	N/A
120	2300	2750	3000	<b>4900</b>	<b>5600</b>	<b>6000</b>	N/A	N/A	N/A
130	2250	2650	2900	4700	5200	<b>5700</b>	<b>7050</b>	<b>7800</b>	N/A
140	2200	2600	2850	4600	4900	5400	<b>6900</b>	<b>7350</b>	<b>8100</b>
150	2150	2550	2800	4500	4500	5100	<b>6750</b>	<b>6750</b>	<b>7650</b>
160	2050	2500	2700	4000	4000	4700	6000	6000	<b>7050</b>
170	2050	2450	2650	3600	3600	4400	5400	5400	6600
180	2000	2350	2600	3500	3500	3600	5250	5250	5400
190	1950	2200	2500	3400	3400	3600	5100	5100	5400
200	1900	2000	2350	3400	3400	3500	5100	5100	5250
210	1800	1800	2200	3300	3300	3500	4950	4950	5250
220	1750	1750	2050	3300	3300	3400	4950	4950	5100
230	1750	1750	1800	3200	3200	3400	4800	4800	5100
240	1700	1700	1800	3200	3200	3300	4800	4800	4950
250	1700	1700	1750	3200	3200	3300	4800	4800	4950

Spans printed in **bold italics** exceed the recommended span-to-thickness limits

### ARMOURDECK™

#### SPAN TABLE GUIDELINES

- The spans shown in the tables are the maximum allowable centreline to centreline span between supports after all propping has been removed. These design tables are for the formwork stage only and do not consider spanning capacity of the slab when props are removed.
- Allowance for concrete ponding due to sheet deformation has been included. Other loadings included are dead load resulting from the sheeting and construction live load allowances determined in accordance with AS1170, AS2327 and AS3610 as outlined for Stage 2 wet concrete loads.
- The tables are based on the mechanical properties of the sheeting derived from testing alone, consequently the capacity of the composite action has not been considered as a limiting factor. It is recommended that a qualified structural engineer design the composite slab to ensure capacity and long-term effects are considered, and that the composite slabs are fit for purpose.
- While concrete ponding due to deflection of the sheeting has been considered, mounding of concrete above finished concrete levels should be discouraged. Mounding based on a number of varying load cases have been considered in the tables, including a 3 kPa loading over the middle section of the span, with associated live loading, and an additional 1 kPa loading at mid-span which considers concrete self-weight and live loading. If mounding is considered necessary, a suitably qualified engineer should assess the locations, to minimise both the permanent deflections and loads imposed on the decking.
- A span-to-thickness ratio of 35 for single span slabs and 40 for continuous spanning slabs is recommended as an upper limit to minimise vibration of slabs. In the tables, where maximum spans exceed these span-to-thickness limits, the spans are printed in **bold italics**. When props are utilised, the design of the spanning slab needs to be verified by an engineer prior to removing props.

#### SPAN TABLE NOTES

- Concrete density is assumed to be 2400 kg/m<sup>3</sup>.
- Concentrated loading should be avoided at the sheet overlap joints and unsupported edges.
- Support widths are assumed to be 50mm at sheeting ends and 100mm over intermediate supports.
- The tables assume that when using two or more spans, the lengths of adjacent spans do not vary by more than 5%.



## TIMBER FORMWORK PRODUCTS

### ARMOURFORM™ FORMPLY

**Armourform F27:** Premium hardwood formply with high density phenolic overlay, ideal for tableforms, jumpforms, slipforms, shutters, heavy civil engineering and mining applications.

**Armouform F22:** Mixture of hardwood and pine veneers with high-density phenolic overlay. Cost-effective, versatile formply for all applications, from convectional to system formwork.

**Armourform F17:** Mixed species veneers with hardwood face and phenolic overlay, ideal for general formwork use such as decks, recast and tilt-up panel construction.

### TRUFORM

Structural laminated veneer lumber (LVL) for use as formwork bearers and joists. When used in conjunction with Armourform™ provides one of the most cost-efficient formwork solutions available.

### EDGEFORM

Structural laminated veneer lumber (LVL) specially designed for use in concrete formwork applications such as edgeboards.

### HYPLANK

Strong, lightweight laminated veneer lumber scaffolding plank.

### FORMWORK ACCESSORIES

A full range of accessories is available, including frames, props, jacks, U-heads, plastic columns, form release oil, nails, saw blades, etc.

Proudly supplying Australia's building industry for more than 100 years.

[www.bigrivergroup.com.au](http://www.bigrivergroup.com.au)

## Deckform®

Armourdeck™ formwork is manufactured from quality Australian steel  
Deckform® is a trademark of BlueScope Steel Limited



# BigRiver

### GRAFTON HEAD OFFICE & MANUFACTURING PLANT

Trenayr Road, Junction Hill NSW 2460  
T: (02) 6644 0900 | F: (02) 6643 3328  
[grafton@bigrivergroup.com.au](mailto:grafton@bigrivergroup.com.au)

### SYDNEY

89 Kurrajong Avenue, Mount Druitt NSW 2770  
T: (02) 8822 5555 | F: (02) 8822 5500  
[sydney@bigrivergroup.com.au](mailto:sydney@bigrivergroup.com.au)

### ILLAWARRA – CUKUNA SALES

113 Shoalhaven Street, Kiama NSW 2533  
T: (02) 4232 6600 | F: (02) 4232 3505  
[sales@cukuna.com.au](mailto:sales@cukuna.com.au)

### WAGGA WAGGA

(Ausply Plywood Manufacturing Plant)  
128 Elizabeth St, Forest Hill NSW 2651  
T: (02) 6926 7300

### BRISBANE

45 Ellerslie Road, Meadowbrook QLD 4131  
T: (07) 3451 8300 | F: (07) 3200 8339  
[brisbane@bigrivergroup.com.au](mailto:brisbane@bigrivergroup.com.au)

### TOWNSVILLE

57 Bolam Street, Garbutt QLD 4814  
T: (07) 4431 2500 | F: (07) 4779 6024  
[townsville@bigrivergroup.com.au](mailto:townsville@bigrivergroup.com.au)

### SUNSHINE COAST - STACKS

10 Main Drive, Buddina QLD 4575  
T: (07) 5439 1000 | F: (07) 5493 2950  
[sunshinecoast@bigrivergroup.com.au](mailto:sunshinecoast@bigrivergroup.com.au)

### MELBOURNE

13 Malcolm Road, Braeside VIC 3195  
T: (03) 9586 6900 | F: (03) 9587 4501  
[melbourne@bigrivergroup.com.au](mailto:melbourne@bigrivergroup.com.au)

### ADELAIDE

48A Lipson Street, Port Adelaide SA 5015  
T: 0400 909 624  
[adelaide@bigrivergroup.com.au](mailto:adelaide@bigrivergroup.com.au)

### PERTH

 easure Road, Welshpool WA 6106  
T: (08) 9256 7400 | F: (08) 9256 7477 255  
[perth@bigrivergroup.com.au](mailto:perth@bigrivergroup.com.au)