

Product Span Tables
LIB Floor Joists

Loading Data - 1.5kPa Live Load

Structure: A superimposed dead load of 50kg/m² (30kg/m² flooring x 20kg/m² ceiling)

Table 1: LIB Joists - Single Span

Size	Joist Spacing			
	300	400	450	600
	Maximum Span (mm)			
200.88	5200	4600	4400	4300
240.88	5800	5400	5200	4800
300.88	6500	6100	5900	5500
360.88	7200	6700	6500	6000

Table 2: LIB Joists - Continuous Span

Size	Joist Spacing			
	300	400	450	600
	Maximum Span (mm)			
200.88	5700	5200	5000	4700
240.88	6300	5800	5700	5200
300.88	7100	6600	6400	5900
360.88	7900	7300	7100	6600*

* denotes member must have a minimum 65mm bearing length at the internal support

Loading Data - 2kPa Live Load

Structure: A superimposed dead load of 50kg/m² (30kg/m² flooring x 20kg/m² ceiling)

Table 3: LIB Joists - Single Span

Size	Joist Spacing			
	300	400	450	600
	Maximum Span (mm)			
200.88	5000	4600	4400	4200
240.88	5600	5200	5000	4700
300.88	6300	5900	5700	5300
360.88	6900	6500	6300	5900*

* denotes member must have a minimum 45mm bearing length at the 2 supports

Table 4: LIB Joists - Continuous Span

Size	Joist Spacing			
	300	400	450	600
	Maximum Span (mm)			
200.88	5800	5200	5000	4800
240.88	6400	5900	5800	5300
300.88	7300	6700	6500	6100*
360.88	8000	7400	7200+	6700+

* denotes member must have a minimum 65mm bearing length at the internal support
+ denotes member must have a minimum 85mm bearing length at the internal support

Product Span Tables
LIB Floor Joists

Loading Data - 3kPa Live Load

Structure: A superimposed dead load of 50kg/m² (30kg/m² flooring x 20kg/m² ceiling)

Table 5: LIB Joists - Single Span				
Size	Joist Spacing			
	300	400	450	600
	Maximum Span (mm)			
200.88	4600	4300	4100	3700
240.88	5100	4800	4600	4300
300.88	5800	5400	5200	4500
360.88	6400	6000	5800	4500