

Product Span Tables
LVL13 Floor Joists

Loading Data - Light Floor

Flooring: Plywood/Particle Board

Ceiling: 13mm Plasterboard

Floor Live Load: Domestic (1.5,1.8)

Dynamic Loads: Standard AS1684.1 Dynamics for 2mm deflection

Table 1: LVL13 Floor Joists - Single Span

Size	Floor Joist Spacing			
	300	400	450	600
	Maximum Span (mm) ¹			
150x45	3500	3200	3100	3000
170x45	4000	3700	3500	3400
200x45	4900	4400	4200	4100
240x45	5600	5300	5100	4800
300x45	6600	6200	6100	5600
360x45	7500	7100	6900	6500
400x45	8100	7600	7400	7000
150x63	4000	3600	3500	3400
200x63	5400	5000	4800	4500
240x63	6200	5700	5600	5200
300x63	7300	6800	6600	6100
360x63	8400	7800	7600	7000
400x63	9100	8400	8200	7600

1. When the maximum span is used the dynamic deflection may be more than desired. Please take this into consideration when specifying.

Table 2: LVL13 Floor Joists - Continuous Span²

Size	Floor Joist Spacing			
	300	400	450	600
	Maximum Span (mm) ¹			
150x45	4000	3600	3500	3400
170x45	4600	4100	4000	3800
200x45	5400	5000	4800	4500
240x45	6200	5800	5600	5200
300x45	7300	6800	6600	6200
360x45	8400	7800	7600	7100
400x45	9100	8500	8200	7700
150x63	4500	4100	3900	3800
200x63	5900	5500	5300	4900
240x63	6800	6300	6100	5700
300x63	8000	7400	7200	6700
360x63	9200	8500	8300	7700
400x63	9900	9200	9000	8300

1. When the maximum span is used the dynamic deflection may be more than desired. Please take this into consideration when specifying.

2. Continuous Span can be used when the shortest span is at least 60% of the longest span.

Product Span Tables
LVL13 Floor Joists

Loading Data - Heavy Floor

Flooring: Plywood/Particle Board with tiled floor/heavy furniture

Ceiling: 13mm Plasterboard

Floor Live Load: Domestic (1.5,1.8)

Dynamic Loads: Standard AS1684.1 Dynamics for 2mm deflection

Table 3: LVL13 Floor Joists - Single Span

Size	Floor Joist Spacing			
	300	400	450	600
	Maximum Span (mm) ¹			
150x45	3500	3200	3100	2800
170x45	3900	3600	3500	3200
200x45	4600	4200	4100	3700
240x45	5200	4900	4800	4500
300x45	6100	5800	5600	5300
360x45	7000	6600	6400	6000
400x45	7500	7100	6900	6500
150x63	4200	3900	3700	3400
200x63	6300	5000	4800	4500
240x63	6000	5700	5500	5200
300x63	7100	6700	6500	6100
360x63	8100	4600	7400	7000
400x63	8700	8200	8000	7500

1. When the maximum span is used the dynamic deflection may be more than desired. Please take this into consideration when specifying.

Table 4: LVL13 Floor Joists - Continuous Span²

Size	Floor Joist Spacing			
	300	400	450	600
	Maximum Span (mm) ¹			
150x45	4000	3600	3500	3400
170x45	4600	4100	4000	3800
200x45	5400	5000	4800	4500
240x45	6200	5800	5600	5200
300x45	7300	6800	6600	6200
360x45	8400	7800	7600	7100
400x45	9100	8500	8200	7700
150x63	4500	4100	3900	3800
200x63	5900	5500	5300	4900
240x63	6800	6300	6100	5700
300x63	8000	7400	7200	6700
360x63	9200	8500	8300	7700
400x63	9900	9200	9000	8300

1. When the maximum span is used the dynamic deflection may be more than desired. Please take this into consideration when specifying.

2. Continuous Span can be used when the shortest span is at least 60% of the longest span.