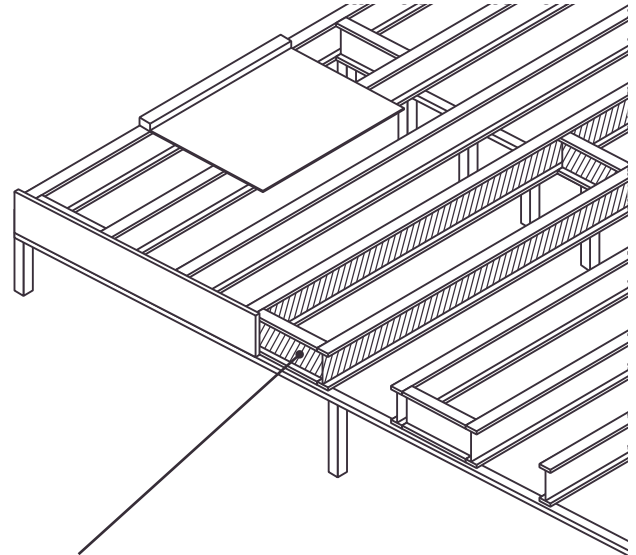


## FLOOR JOIST: LGL

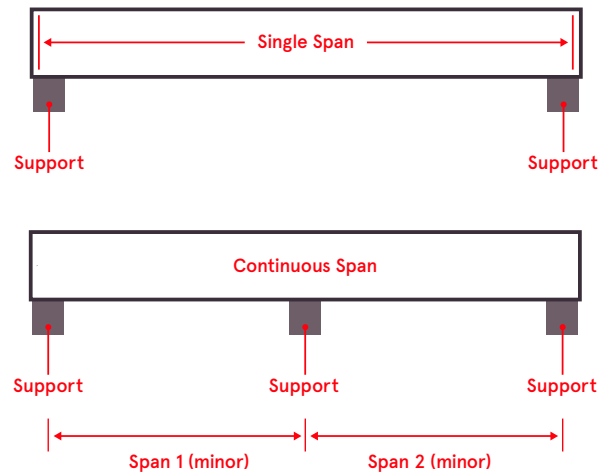
Size	Single Span	Continuous Span
130 x 44	2600	3100
150 x 44	3000	3700
170 x 44	3500	4300
200 x 44	4300	4800
240 x 44	5100	5500
300 x 44	6000	6600
360 x 44	6900	7500
130 x 65	3000	3600
150 x 65	3600	4300
170 x 65	4100	4700
200 x 65	4900	5300
240 x 65	5600	6100
300 x 65	6600	7300
360x x 65	7600	8300

Table values relate to allowable maximum joist span @450mm.



### Deck Joist

A floor joist is one of a number of parallel members to support flooring.



For a member to be considered 'continuous' it shall span at least 2 adjacent spans such that span 1 is greater than or equal to  $0.75 \times \text{Span 2}$ .

The major span is taken from the continuous span table e.g. if span 2 = 6.0 then span 1 is greater or equal to 4.5m. Otherwise each span is to be considered 'single.'

## FLOOR JOIST: T3 GREEN+ MGP10

Size	Single Span	Continuous Span
70 x 35	0	0
90 x 35	900	1500
140 x 35	2300	2800
190 x 35	3300	4000
240 x 35	4300	4900
70 x 45	0	0
90 x 45	1300	1800
140 x 45	2600	3000
190 x 45	3600	4400
240 x 45	4800	5200

Table values relate to allowable maximum joist span @450mm.

### Dimensional Data:

Top Edge Restraint = Continuous Restraint

Bottom Edge Restraint = 0.6m

### Basic Loading Data:

Roofing = Metal Sheet (20)

Ceiling = 10mm Plaster Board (12)

Flooring = Particle Board (30)

Floor Live Load = Domestic Stud (1.5, 1.8)

Standard AS1720.3 Dynamics for 1.0 kN Static Load

Wind Area = N2

Wind Design Strength Pressure = 0.96 kPa

Wind Serviceability Pressure = 0.4056 kPa

Min. End Bearing Length = 30mm

Min. Intermediate Bearing = 45mm

Minimum J2 factor = 1.5