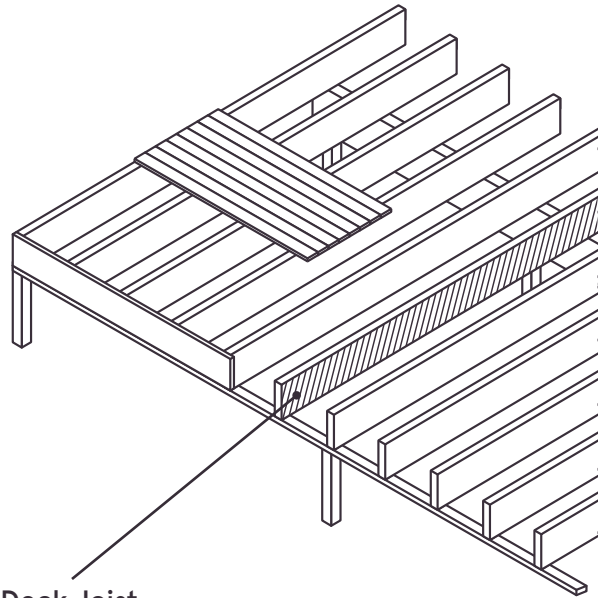


DECK JOIST: T3 GREEN+ MGP10

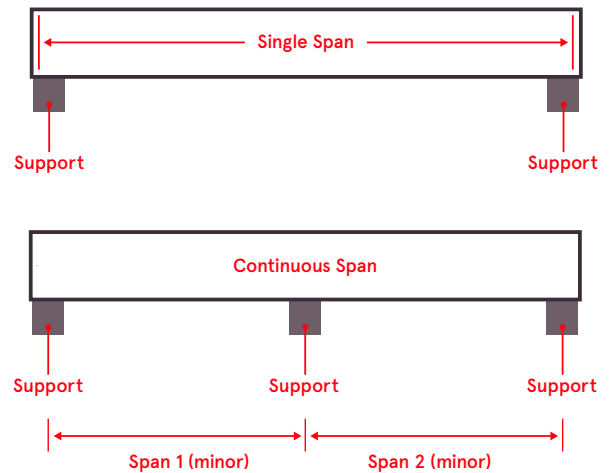
Size	Single Span	Continuous Span
70 x 35	0	0
90 x 35	900	1500
140 x 35	2300	2800
190 x 35	3300	3700
240 x 35	4300	4500
70 x 45	0	0
90 x 45	1400	1800
140 x 45	2600	3000
190 x 45	3600	4100
240 x 45	4800	5100

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. In the case of a deck joist, the joists are designed for timber deck areas.



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.'

DECK 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	4900
240 x 44	5100	5600
300 x 44	6000	6700
360 x 44	6900	7700
130 x 35	3000	3600
150 x 65	3600	4300
170 x 65	4100	4800
200 x 65	4900	5400
240 x 65	5600	6200
300 x 65	6500	7400
360 x 65	7400	8500

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

Dimensional Data:

Top Edge Restraint = Continuous Restraint

Bottom Edge Restraint = Nil

Basic Loading Data:

Flooring = PR Decking (25)

Floor Live Load = Balcony (2.0, 1.8)

Standard AS1720.3 Dynamics for 1. 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 = 2.