

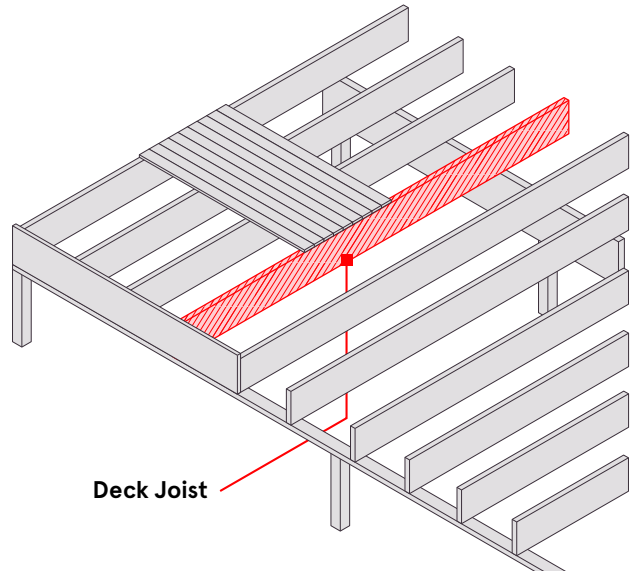
# DECK JOIST SPAN TABLES

## Dimensional Data

Top Edge Restraint	Continuous Restraint
Bottom Edge Restraint	–

## Basic Loading Data

Flooring	PR Decking (25kg/m <sup>2</sup> )
Ceiling	None
Floor Live Load	Balcony (2.0, 1.8)
Standard AS1720.3 Dynamics for 1. kN static load	
Wind Area	N2
Min. End Bearing Length	30 mm
Min. Intermediate Bearing	65 mm
Minimum J2 factor	2



Deck Joist

## Deck Joist

A deck 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.

## NOTES:

Span Tables are based on the maximum allowable deflection being Span / 300 or 15mm maximum. If a lower deflection is required consider using the next size or refer to Hyne Design at [app.hynedesign.com](http://app.hynedesign.com)

## Deck Joist: T3 Green MGP10

Size	Single Span	Continuous Span
90 x 35	1200	1600
140 x 35	2300	2800
190 x 35	3300	–
90 x 45	1500	1800
140 x 45	2600	3000
190 x 45	3600	–
240 x 45	4800	–

Table values relate to Allowable Maximum Joist Span @450mm.

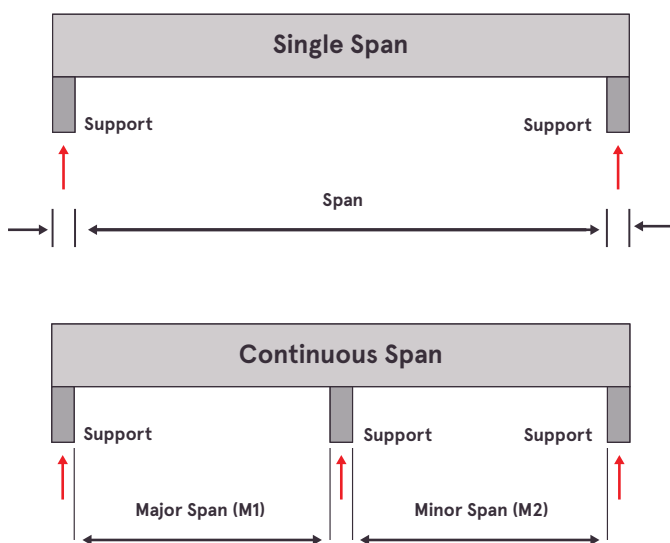
## NOTES:

Span information is to be read in conjunction with the relevant Hyne Technical Data Sheets for T3 Green products.  
All installation must be carried out in accordance with the Hyne T3 Green Installation Guide to ensure performance and warranty compliance.

## Deck Joist: BEAM 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	–
360 x 44	6900	–
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	–
360 x 65	7400	–

Table values relate to Allowable Maximum Joist Span @450mm.



For a member to be considered 'continuous' it shall span at least 2 adjacent spans such that Span 2 (minor) is equal to or greater than  $0.75 \times \text{Span 1 (major)}$ , be a single member which is not cut or otherwise joined at the mid support(s).

The major span is taken from the continuous span table (e.g. if span 1 = 6.0 then span 2 needs to be equal to or greater than 4.5m).

Otherwise each span is to be considered 'Single Span'.