

# DECK BEARER SPAN TABLES

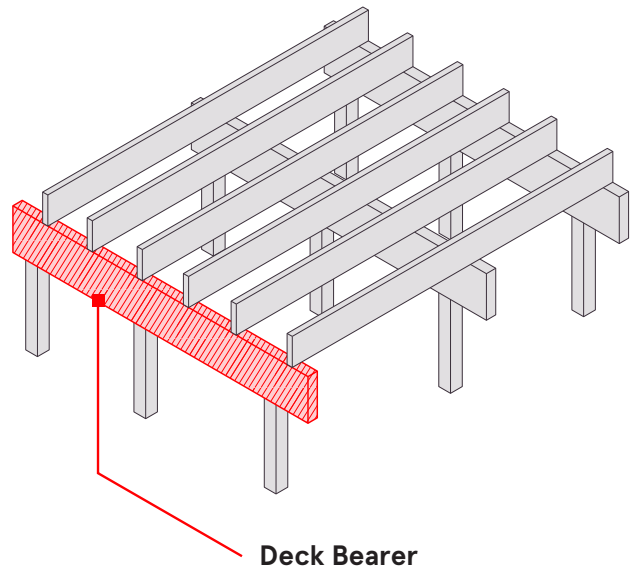
Member Type	Deck Bearer
Span Types	Single and Continuous

## Dimensional Data

Joist Spacing	0.45 m
Top Edge Restraint	0.45 m
Bottom Edge Restraint	–

## Basic Loading Data

Flooring	PR Decking (25kg/m <sup>2</sup> )
Underfloor Ceiling	–
Floor Live Load	Domestic Std (2.0,1.8)
Wind Area	N2
Min. End Bearing Length	45 mm
Min. Intermediate Bearing	65 mm
Minimum J2 factor	2
Service Class	External Weather Exposed



## Deck Bearer

A deck bearer is a beam required to support deck joists. The joists may be on top of, level with, the bearer.

## NOTES:

Span Tables are based on maximum allowable deflection being Span / 300 or 12mm 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). Spans are applicable to floor loading only and are not intended to carry roof loads.

## Deck Bearer: T3 GREEN MGP10

### Single Span

Size	Floor Load Width (m)			
	1.20	1.80	2.40	3.00
90x45	1100	900	–	–
140x45	1800	1500	1300	1100
190x45	2400	2000	1700	1500
240x45	3000	2400	2100	1900

Table values relate to allowable maximum span in mm.

## 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 Bearer: T3 GREEN MGP10

### Continuous Spans

Floor Load Width (m)

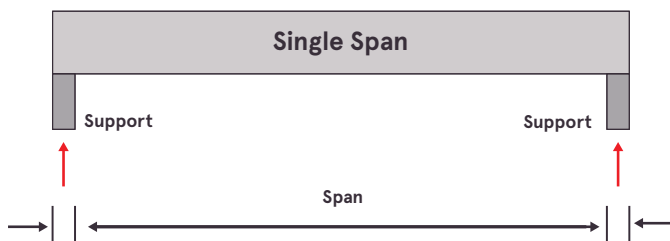
Size	1.20	1.80	2.40	3.00
70x45	900	–	–	–
90x45	1200	900	–	–
140x45	1800	1500	1300	1100
190x45	2400	2000	1700	1500
240x45	3000	2400	2100	1900

Table values relate to allowable maximum Span in mm.

#### 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.



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'.

