

## DIYdeals - Assembly Instructions for Ground Garden Decks

Size : 5.0m (16'5") wide

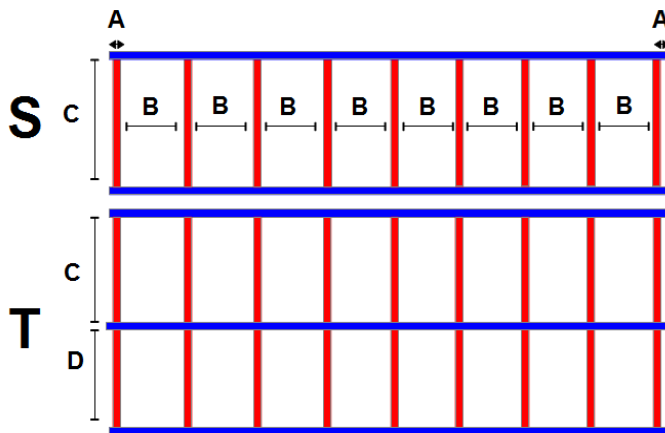
Return to website [www.diydeals.com](http://www.diydeals.com)

### Before commencing :

Check the size of deck you are building from the list below (size S or T) and if necessary cut the joists to the correct length.

Then please follow the instructions which are listed below. Some decks have a deck board overhang of the front and back joists - it is best if you lay out the deck boards first over the joists to see if an overhang is required. *The drawings are not to scale.*

NB the deck boards are designed to be used with the fine ribbed as the surface as it offers a better slip resistance, but you can use the grooved side if preferred.



A= side recess 5cm 2"

B= gap between joists approx 56/58cm 22/23"

size 5m wide x	C =	D=	O/H
2.2m S	2.0m		5cm 2"
2.7m S	2.5m		5cm 2"
3.1m S	3.0m		0
3.2m S	3.0m		5cm 2"
3.7m S	3.55m		3cm 1"
4.15m S	4.0m		3cm 1"
4.7m S	4.55m		3cm 1"
5.2m S	5.0m		5cm 2"
6.25m T or	3.0m	3.0m	5cm 2"
6.25m T	4.0m	2.0m	5cm 2"
7.15m T	3.0m	4.0m	0
8.2m T	3.0m	5.0m	3cm 1"
9.15m T	4.0m	5.0m	0

## Marking out deck

You can use these plans for either the 4" x 2" or 6" x 2" planed joists, the deck finishing 5" or 7" high.

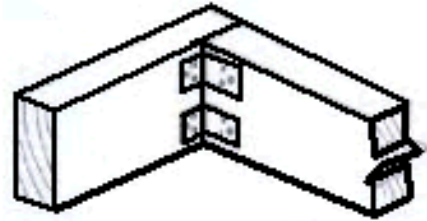
Choose a site that is flat. Mark out the perimeter with the outside joists.

Check for squareness by measuring for equal diagonals. Clear any obstructions that may interfere with the deck, balustrade or pergola - ground levelling may be required.

## Fixing Joists

Equally space out joists between the front and rear joists - 9 support joists are used for the 5m wide ground decks.

For a stand-alone deck the side joists are better recessed in approx. 5cm to allow for rainwater to drip off. A 57/58cm approx. gap is left between joists.



When joining two decks together, side by side, the side joists that are joining should be flush with the Front & Back joists and adjust the spacing accordingly. When joining decks at the front or the back, only one joining joist is used and the corner brackets fasten on both sides of the same joist.

For 145mm joists 2 corner brackets are used for each join - for 95mm joists 2 corner brackets are used at the 4 outside corners and only 1, positioned in the centre, for each of the other centre supports.

Lay the Support Joists on the ground with the inside face pointing upwards. Position the longer side of the Corner Brackets on the Side Joists so that they are flush with the end and are 20mm in from the top & bottom (or in the centre for the 95mm middle support joists). Use 3 of the Screws to fix each Corner Bracket to the Side Joists. Ensure that the tops of all Joists are flush and fix all the support Joists, using Small Screws, into each end of the Front & Rear Joists - the Side Support joists can be flush (especially when joining two decks together) or, if desired, they can be up to 60mm in from each end to provide an overhang for the deck boards.

## Pergolas and Balustrades

If you are using a pergola, please download the appropriate instructions from the DIY Deals website. [http://www.diydeals.com/assembly/pergola\\_assembly.pdf](http://www.diydeals.com/assembly/pergola_assembly.pdf) N.B. Always fix Pergola Posts, Supports, and Tops before fixing Deck boards

If you are using a balustrade, please download the appropriate instructions from the DIY Deals website. [http://www.diydeals.com/assembly/balustrade\\_assembly.pdf](http://www.diydeals.com/assembly/balustrade_assembly.pdf) Please note that the newel posts must be fitted before the deck boards

## **Fixing the Deck Boards-**

Lay the deck boards over the joists and adjust the spacing - it may be necessary to have a 50mm overhang at the front to achieve the required size. Position the first deck board flush with the front joist (or with an overhang if necessary) and ensure it is also flush at the ends of the front joist.

Screw in 2 decking screws in line with each joists the front one going into the front joist.

Space out the deck boards so that the front of first deck board is 145/150mm from the front of the second deck board this maybe 4mm to 8mm depending the moisture content of the deck boards and ensure flush at the ends with the board in front. Screw in 2 decking screws approx. 25mm from the front and back in line with each joist.

The back board should be flush with the back joist or have a 50mm overhang, if necessary.

## **Finishing & Maintenance**

As all timbers are pressure preserved further treatment is not necessary and the timber will fade to a natural grey colour. If preferred, the deck may be coated with Decking Stain to the colour of your choice. If there is any build of moss, after winter use a jet sprayer or an anti-fungicidal and hose down to remove. To restore the colour apply a further coat of Decking Stain.

**Dispose of all waste timber in your dustbin - do not burn. Wash hands after handling timber - especially before eating. Always wear safety glasses when using power tools.**

Help Line - contact Peter Dale on 01457855259 or email [sales@diydeals.com](mailto:sales@diydeals.com)

---

All rights reserved.13/02/2013.

**You may print this copy for use during construction. This leaflet may not be reproduced in whole or in part without the prior written approval of Peter Dale**