

Ultima Pergola Deck Kit

Assembly Instructions

UPDCK88



We recommend time be taken to read these instructions carefully to aid the assembly of this product.

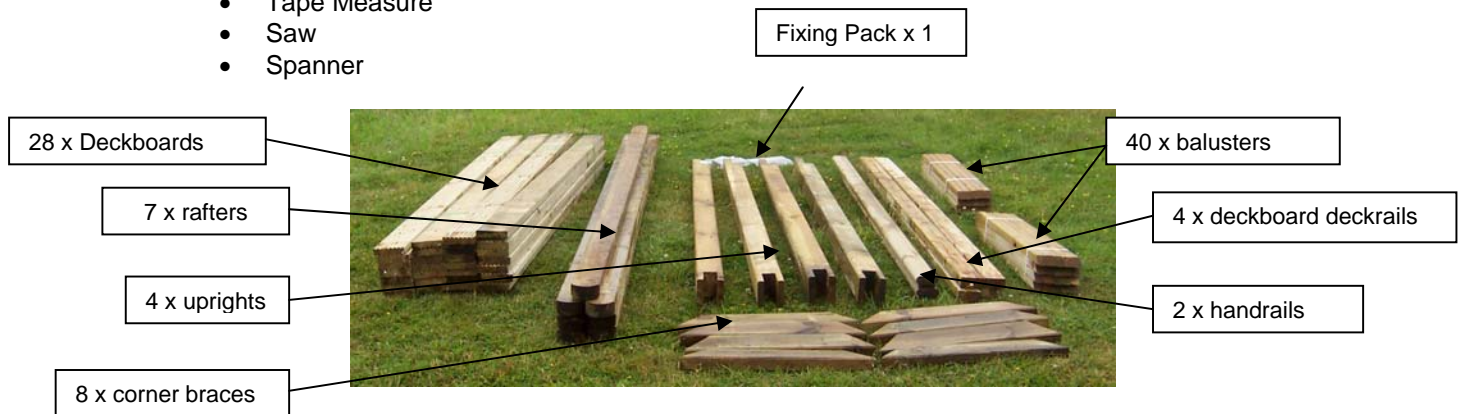
Timber is a natural material; it will expand or shrink depending on the relative humidity surrounding it. During hot spells shrinkage may occur and result in some warping or splitting of the wood. However this will largely be reversed once cooler wetter weather returns.

To avoid any unnecessary splitting, pre-drill the holes prior to screwing. We also recommend the use of a drill extension.

None of the above details have any detrimental effect on the structural quality of the deck kit.

This is a two person project and will take approximately a weekend to complete. The tools you will need are:

- Power Screwdriver/drill
- Level
- Tape Measure
- Saw
- Spanner



1. Choose the desired position of your deck. Using strings and pegs mark out an area 2.35m x 2.41m. To ensure that the area is square, measure both diagonals which should measure 3.43m.
2. Level the area for your deck and prevent bearers from making contact with the soil by placing support pads, such as paving slabs, under the pressure points of the deck support bearers.
3. Place 8 of the deckboards on edge laid out as per the picture below, to use as support bearers, with profile facing inwards. Position the support pads (not shown) and secure using 2 x 70mm screws into each end of the bearers.



4. The next step is to secure the two end deckboards in position using 2 x 50mm screws into each support bearer, ensuring that they run flush with the outside edge of the support bearers.



5. Position the uprights flush with the outside edge of the deck. Ensure that the post is vertical before drilling through the post and the support bearer using a 10mm drill bit. Secure using 2 x 10mm coach bolts, nuts and washers. Repeat for the remaining three posts.



6. Position the rest of the deckboards equally along the support bearers. Ensure there is approximately a 5mm space between each deckboard as this allows for movement. Secure into each support bearer using 12 x 50mm screws per deckboard.



7. Using a spare baluster, cut a 50mm length to use as a support rail and attach to the upright, flush with the top of the deck, and secure using 2 x 50mm screws as shown below. Identify where you wish to position your balusters, then repeat this procedure three more times so that each inside face of each upright to take the baluster system has a 50mm support rail.



8. Measure between the uprights to determine how long to cut the deck rail. When it is the correct length, attach the deck rail to the 50mm support rail using 70mm screws. (At this stage you can also cut the handrails to the same length as the deckrails to make sure that they are the same length.)



9. Using one of the balusters already cut down, cut a 765mm length to use as a support rail on top of the deckrail, and attach to the upright, flush with the top of the deckrail, and secure using 2 x 50mm screws as shown below. Repeat this procedure three more times so that each inner face of each upright to take the baluster system has a 765mm support rail.



10. Next, slot the cut handrails to the top of the deckrails and secure using 4 x 40mm screws evenly along the handrail.



11. Next evenly space the balusters between the handrail and the deckrail. These must be spaced no more than 100mm apart. Secure through the top and bottom into the deck rail using 1 x 50mm screw on each end.



12. Take one rafter and position along the deck to evaluate the correct overhang. Secure 5 x U brackets along the rafter using 2 x 25mm screws in each U bracket, so that they are spaced evenly along the rafter and that the two end brackets will be aligned to the centre of the uprights. Lift the rafter into position into the notched uprights, ensuring that the overhang is equal on both sides. Secure using 2 x 60mm screws through the outside face of the upright and into the rafter. Repeat this process on the parallel side.



13. Slot the remaining rafters into the U brackets and ensure that each overhangs the crossbeams equally. Then secure using 2 x 25mm screws through the u bracket and into the rafter.



14. Finally, secure the corner braces as shown, using 1 x 60mm screw at an angle through the brace and into the upright and another 1 x 60mm screw into the rafter.



Aftercare

Treat every year with wood preservative to ensure longevity.
The manufacturer reserves the right to alter specifications as necessary.

Additional Information

If you require another copy of these instructions or find that you need any additional guidance please call our Technical Help-Line on **0870 3009830**.

For a copy of these instructions and for full details on the rest of the Forest range, please visit **www.forestgarden.co.uk**