

Ultima Pergola and Deck Kit

Assembly Instructions

UPDCK168



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.

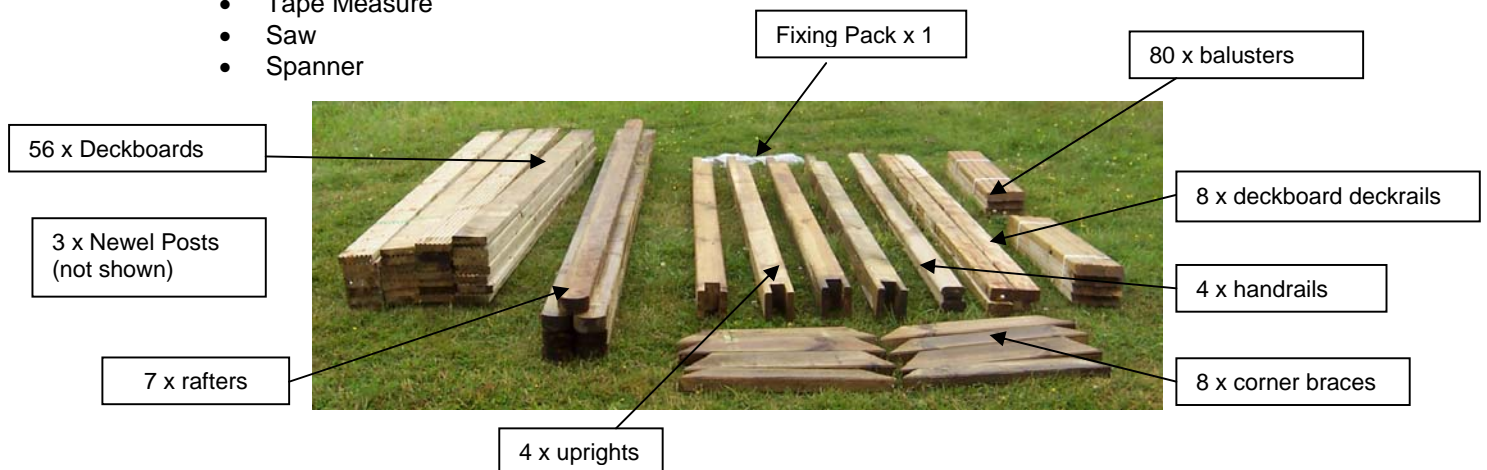
To avoid any unnecessary splitting, pre-drill the holes prior to screwing. We also recommend the use of a drill extension.

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

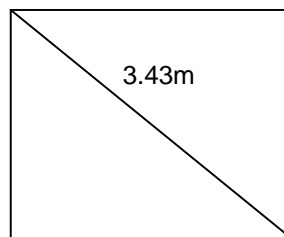
This deck kit is constructed in two halves; both halves should be positioned together on level ground once assembled.

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. To start constructing the first half of the deck kit, that does not have the pergola, mark out an area 2.35m x 2.41m using strings and pegs. 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. Check again to ensure that the deck is square.



5. 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.



6. Position the corner posts 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 two posts in the position desired.



7. 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 (2 into each deck bearer).



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



9. Next, cut another support rail 765mm long from one of the balusters already cut down and position against the post leaving a gap of 80mm between the top of the 50mm support rail and the bottom of the 765mm rail. Again, secure with 1 x 50mm screw at the top and bottom. Repeat this procedure three more times so that the inner face of each post has a 50mm and a 765mm support rail.



10. Now measure between the corner posts to evaluate how long to cut the deck rail – it needs to sit snugly between the posts. When this has been cut to size, attach the deck rail as shown using a 70mm screw at the top and bottom of the deckrail.



11. Repeat this process with a deckrail fitted on the top of the long support rails.



12. Measure between the corner posts again to evaluate how long to cut the hand rail – it needs to sit snugly between the posts and slot onto the top deckrail. When this has been cut to size, secure the hand rail as shown using 4 x 40mm screws spaced evenly along the handrail.



13. After securing the deck and handrails, space the balusters evenly to a maximum of 100mm between the handrail and deckrail on the outside of the deck, and secure using 1 x 50mm at the top and bottom. Repeat this whole process with the second handrail and deckrail system.



14. The first half of your deck kit should now look like the picture below.



15. Now begin constructing the second half of your deck kit, the half that has the pergola, next to the first half.

16. Repeat procedures 1-4 as per the first half of the deck kit.

17. Next, 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 uprights.



18. Repeat steps 7-13 as above, but using uprights instead of posts.

19. Next, 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.



20. 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.



21. 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.



22. Make sure that you are happy with the position of the two halves of the deck, so that it looks like the picture at the top of these instructions.

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**