

Power
Pergola
Instruction Manual

WARNING
UNPACKING SAFELY

Please follow these instructions to unpack your pergola safely



- Two people minimum to unpack
 - Cut the plastic banding
 - Carefully unpack your components one at a time
 - Be careful of loose components inside the pack
 - Check all the components against the checklist prior to install
 - Your component checklist will be on a separate sheet to these instructions
 - Your fixings will be in a plastic bag and sandwiched between the larger components in your pack
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Before You Start

Most accidents are the result of negligence and carelessness, usually caused by the failure of the operator to follow simple but necessary safety precautions.

Do **not** install the pergola before carefully reading this manual and ensuring all components are accounted for and have been checked for any damage.

Health & Safety

Every effort has been made during the manufacturing process to eliminate splinters on the timber. You are strongly advised to wear gloves when working with or handling timber.



2 people minimum recommended



Power Sheds Ltd cannot be held responsible for any damage or injury sustained due to incorrect unloading, unpacking, or assembly of any of our products.

Tools required

(not supplied)



Drill



Spirit level



Rubber Mallet



Stepladder



Adjustable/10mm Spanner

Timber

As timber is a natural product, it is prone to changes in appearance, including some movement, warping and splitting, particularly in extreme weather conditions. There may be the occasional split, knot or similar visual imperfections in the timber.

Whilst every effort is made to hand pick timber without visible knotholes or splits there may be occasions where timber is selected in good faith that contains what appears to be a solid knot which over the course of time / during movement of the product it may occur that these small knots are then dislodged from the timber leaving a small knot hole or crack.

Unfortunately, we cannot be held responsible for this maturing of the product and can only offer our best advice as how to deal with this situation in the unlikely event that it should occur which would be to apply some wood filler to the area affected or in extreme circumstances to see if a replacement component could be provided.

There may also be shakes in the timber (which appear as cracks). Timber tries to match its environment around it. Timber can move, swell, and shrink and to do so is normal timber behaviour. This should be fully expected when buying any timber product for your garden. Often as the moisture in the air increases so will the free water absorbed by capillary action in the wood and shakes can close. None of the shakes in the timber will affect its structural integrity or inherent strength.

None of this should affect the structural integrity of the product.

Firm & Level Base

All our garden buildings require a firm and level base.

When thinking about where the pergola and base is going to be constructed:

- Ensure that there will be access to all sides for maintenance work and annual treatment.
- Remember not to place the base too close to any walls or fences, as there may be a slight overhang on the roof which may come into contact with the wall or fence.
- Ensure the base is level and is built on firm ground, to prevent distortion.

Suitable bases would include a concrete base (75mm of concrete on top of 75mm of hardcore) or a paving slab base (slabs laid on top of 50mm of sharp sand).

The Fixing Pack

Your fixing pack will include:

- 70mm screws
- 125mm screws
- M10 x 75mm rawl bolt

On the rare occasion that not enough screws are provided please contact us and make us aware so we can send more out. Please be aware we are unable to reimburse if you purchase your own.

Pre-Assembly

Safely unpack your components and check that you have all the parts required.

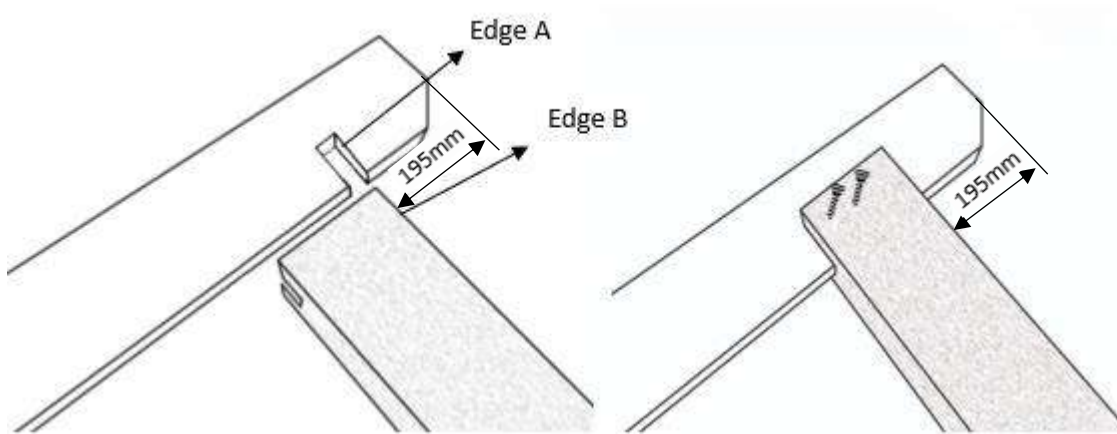
Please use the list in the included diagram to view which components are required for the size you have ordered. Anything missing or damaged must be notified to us prior to installation commencing. Power Sheds cannot be held liable for any consequential losses that arise from missing or damaged items if not notified before installation begins.

Drilling

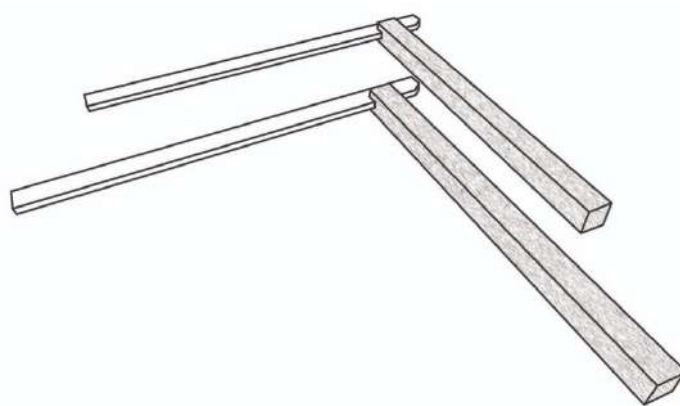
In the instructions we will talk about screwing components together. We recommend this is done with a drill. We suggest that you pre-drill the timber with a 3mm drill bit (included) before inserting the screws. This will minimise the chance the timber will split.

Constructing The Pergola

1. Fit one of the purlins to one of your support posts. The notch end (edge A) on the purlin must sit flush with the end of the post (edge B, so no notch is visible) and screw together with (2x) 125mm screws, through the face of the post into the purlin.



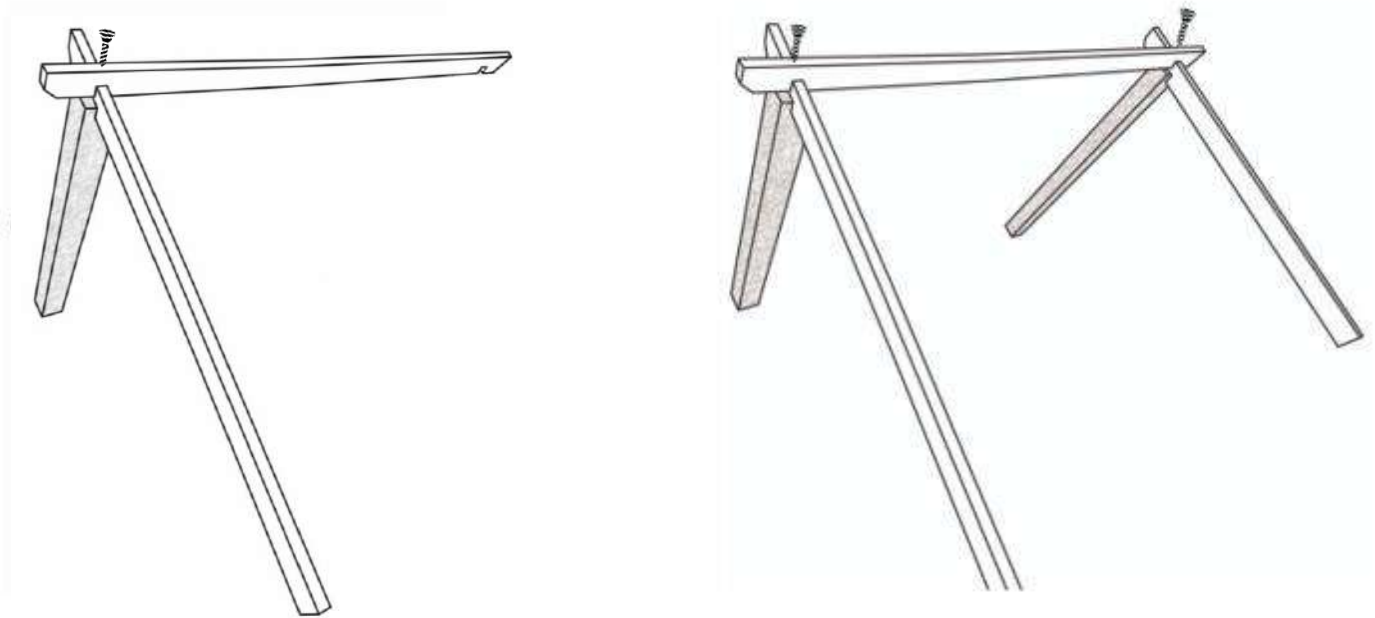
2. For sizes 14x14 & smaller prepare (2x) post/purlin sections, for sizes 16x10 & larger prepare (4x) post/purlin sections.



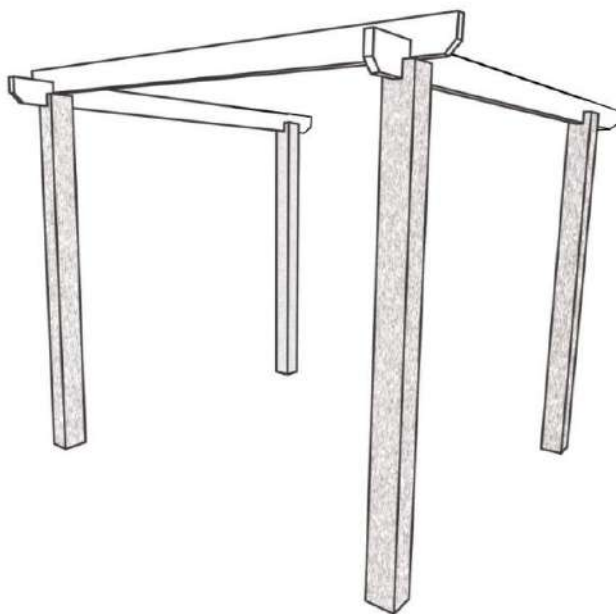
3. Select a pre-built post/purlin section. Use (1x) 125mm screw at each end to fasten the new purlin (10',12' or 14') on top of the existing one. Screw down through the top of the newly added purlin.

Next, assemble the subsequent pre-built post/purlin section:

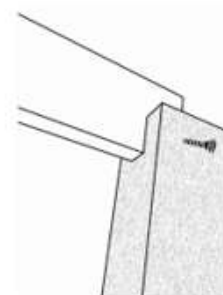
- Lift the assembled structure you have created.
- Position the new post/purlin section at the other end of the recently added purlin.
- Carefully slot it into place to complete the assembly.



4. Lift the section you have now built and fit the final (or middle depending on size) posts at the other end of the purlins, again using (2x) 125mm screws.

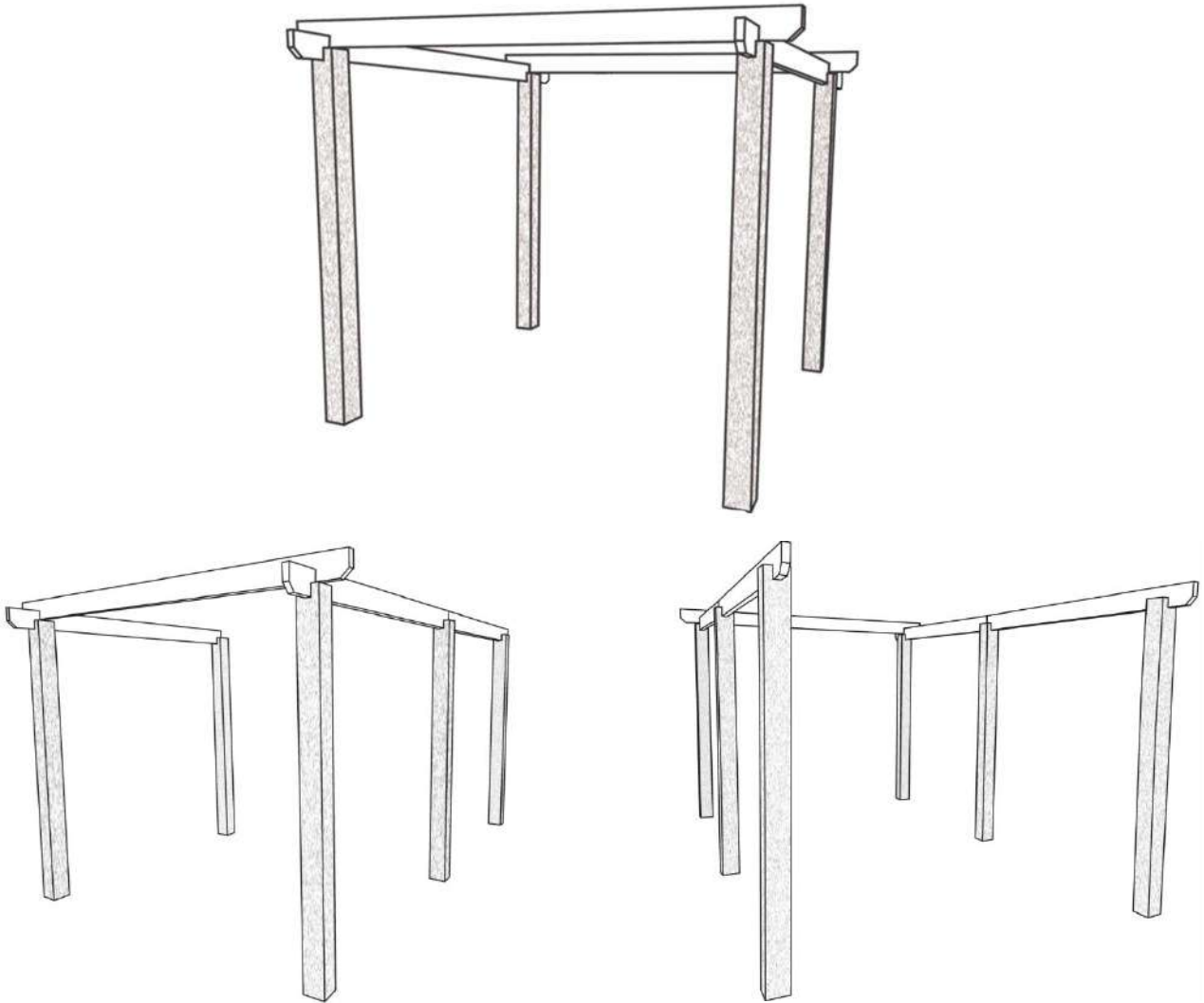


For larger sizes – the end of the flush cut purlin is to be positioned centrally on the posts and fixed in place with (1x) 125mm screw per purlin.



Now that the pergola is upright, it's imperative to ensure its stability and alignment. Use a spirit level to check that the structure is level, both horizontally and vertically. Additionally, you can measure from the inside of each post to its opposite diagonal; if these measurements are equal, it confirms the structure's squareness and proper alignment. Make certain that all the posts are perfectly vertical, ensuring they stand upright without any slant or tilt. This step is essential for the overall integrity of your pergola.

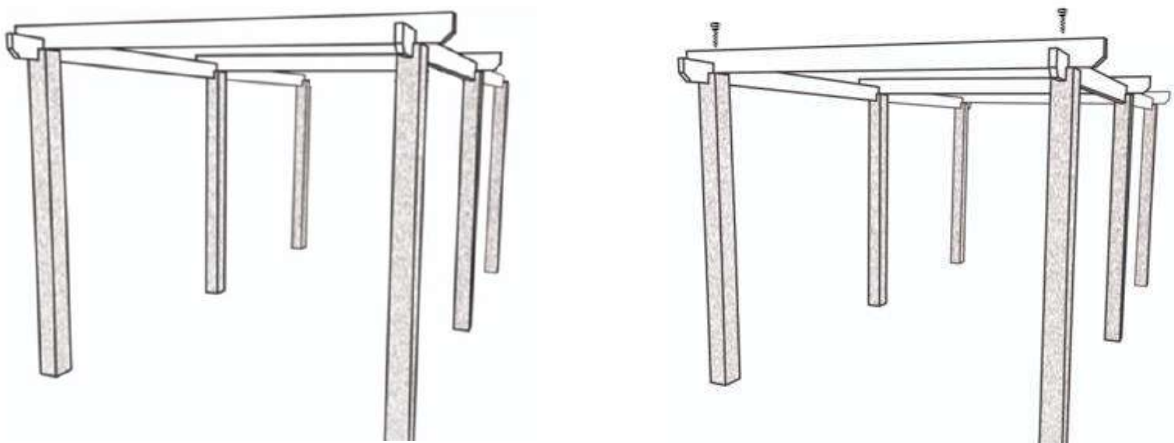
5. Continue adding your pre-built post/purlin sections, screwing as before until the basic frame of the building is complete by adding the final purlin at the end. Then once again check everything is level.



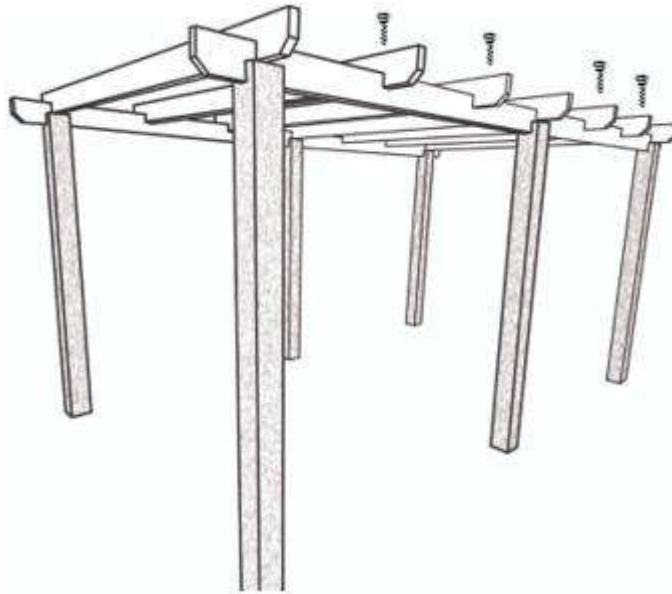
**** Sizes 14x14 & smaller can skip to step 5. ****

On sizes 16x10 & larger fit the purlin on the centre posts (but do not screw in at this point) to add stability before placing the end purlin.

Once this is done add the end purlin and secure both centre and end purlins by screwing down through each end with (1x) 125mm screws per end.

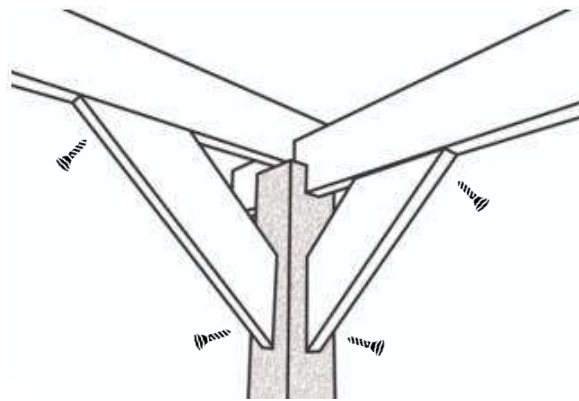


- Lay the remaining purlins between the posts, spaced evenly. Screw down through the top of the purlins at each end with (1x) 125mm screw at each end and check everything is level.

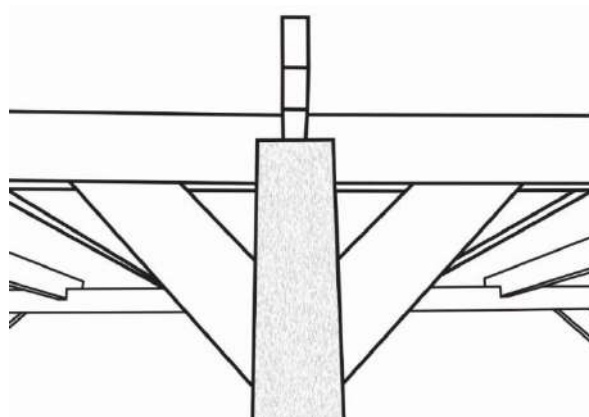


- Fit your corner bracing between the support posts and purlins, using 125mm screws into the pre-drilled holes (as seen in image below).

You will have two sizes of corner bracing. The shorter 500mm bracing goes from the post to the lower purlin directly attached to each post and the longer 600mm bracing goes from the post to the higher purlin which joins each pre-built post/purlin section.



When fitted, the bottom of both sizes of bracing should sit at the same level on the support posts. Once again check that everything is level.

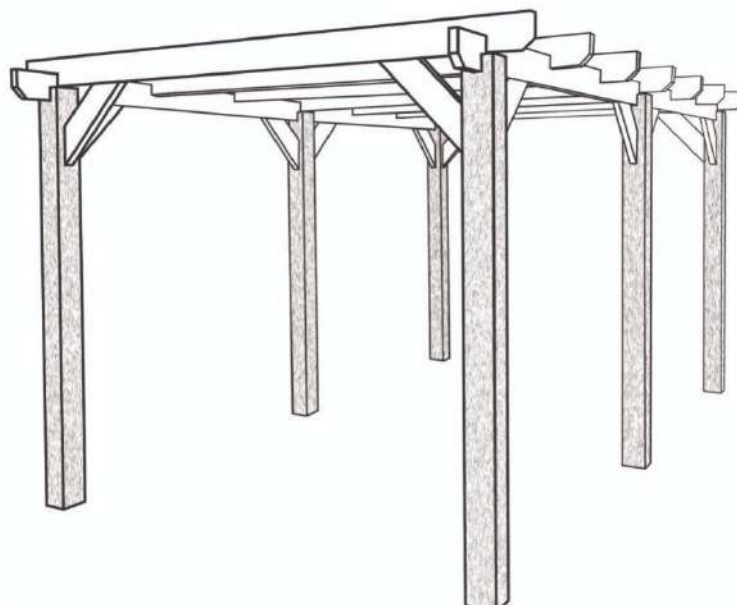


Note: This next step is optional and should be considered only if your pergola is installed on specific surfaces like concrete, as it may not be suitable for grass or similar terrains.

8. You have the option to enhance the stability of your pergola by using the provided L brackets. To secure your pergola to the ground, follow these guidelines:
- Attach the L brackets to the support posts using 70mm screws.
 - Secure the L brackets to the base by utilizing the supplied 75mm rawl bolts (one bolt per bracket) with an adjustable/10mm spanner.
 - Rawl bolts are typically designed for mounting structures onto concrete, brick, block, and stone surfaces.
 - Please conduct your own research to determine if this method is suitable for your specific needs, especially if your pergola is installed on a base other than concrete.

Disclaimer: Please be aware that the stability of your pergola may be affected by external factors, including weather conditions. If you choose not to secure your pergola to the ground using the provided L brackets and rawl bolts, you assume responsibility for its stability. We cannot be held liable for any damage or displacement caused by external forces, such as strong winds or other unforeseen circumstances. It is strongly recommended to secure your pergola as described in the previous step for added safety and stability.

Enjoy your finished Power Pergola!



Aftercare & Maintenance

Wood Preserver

All our pergolas come pressure treated.
It is important that you re-treat your Power Pergola annually with a high-quality wood preserver.
Feel free to change the colour of the building giving you the 'power' to style it your own way.
Take extra care to brush treatment into all wooden components.

Check Your Base

Although your base should be level at the time of assembly, some bases can move over time and if you find this occurs then the building can twist.
If this occurs, you may need to pack up the base to keep the pergola level.

Share Your Pergola

Here at Power we love to see your projects!

Send us photos of your finished sheds to our social media channels using the following handles –

@PowerSheds

#PowerSheds



TikTok



Instagram



Twitter



Facebook

Returns

If Power is not for you and you'd like to return your pergola within 14 days of delivery then we will collect the item from you. There may be a charge to collect the pergola. All we ask is that you do not unpack the pergola.

If you haven't ordered through Power Sheds, you need to notify the company you ordered your garden building from to arrange a cancellation or return, according to their terms.

If you have unpacked the pergola, then you can still return the product to us providing it has not been installed and is within 14 days of delivery, but you will have to cover the cost of returning the item and re-packing it. This will either need to be arranging the delivery yourself (to our manufacturing unit in West Yorkshire) or repacking and securing the goods and we may be able to arrange a collection for you. The cost of this will depend on your location and the item bought – please contact us if you would like us to advise the cost of this. In this case we will not profit from any courier charges but simply pass on the cost we receive to you.

Any delivery surcharges you have paid (such as a quicker delivery) will not be refunded. We will not accept a return for a bespoke pergola unless it is evidenced as damaged or faulty within 30 days (and in that case we will offer replacement components).

Once your item has been returned it will be checked to ensure it is complete and in a re-sellable condition. If we deem that the product is not in a re-sellable condition, we shall deduct a reasonable amount to cover any costs to re-use the components or return them to you.

Where a refund is to be paid, we will usually refund any money received from you using the same method originally used by you to pay for your purchase, providing the pergola was bought directly through Power Sheds.

Contact Us

If you have any queries or issues with your pergola then you can:

Check out our FAQ page on www.PowerSheds.com

Email us at hello@PowerSheds.com

Please provide photographs of any reported issues*

Contact us via the telephone – 01274 036 577 (Mon-Fri 08:00 - 16:30)

Write to us at: Power Sheds Ltd
21 Comondale Way
Euroway Trading Estate
Bradford
BD4 6SF

- * On the rare occasion that something is damaged or missing, please contact us to make us aware so we can send out any replacements.
- * Please be aware we are unable to reimburse you if you purchase your own materials.
- * We also cannot compensate for subsequential losses such as installation work as all components should be checked before commencing/ booking installation.