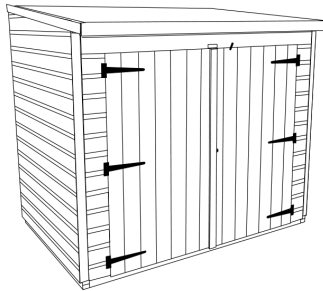


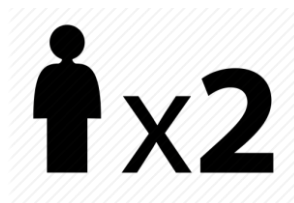
Pent Bike Shed Instruction Manual



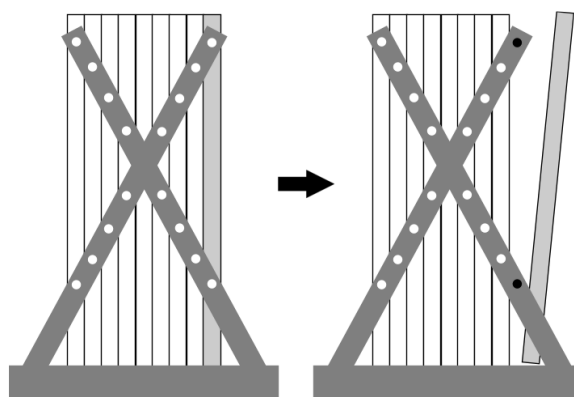
WARNING

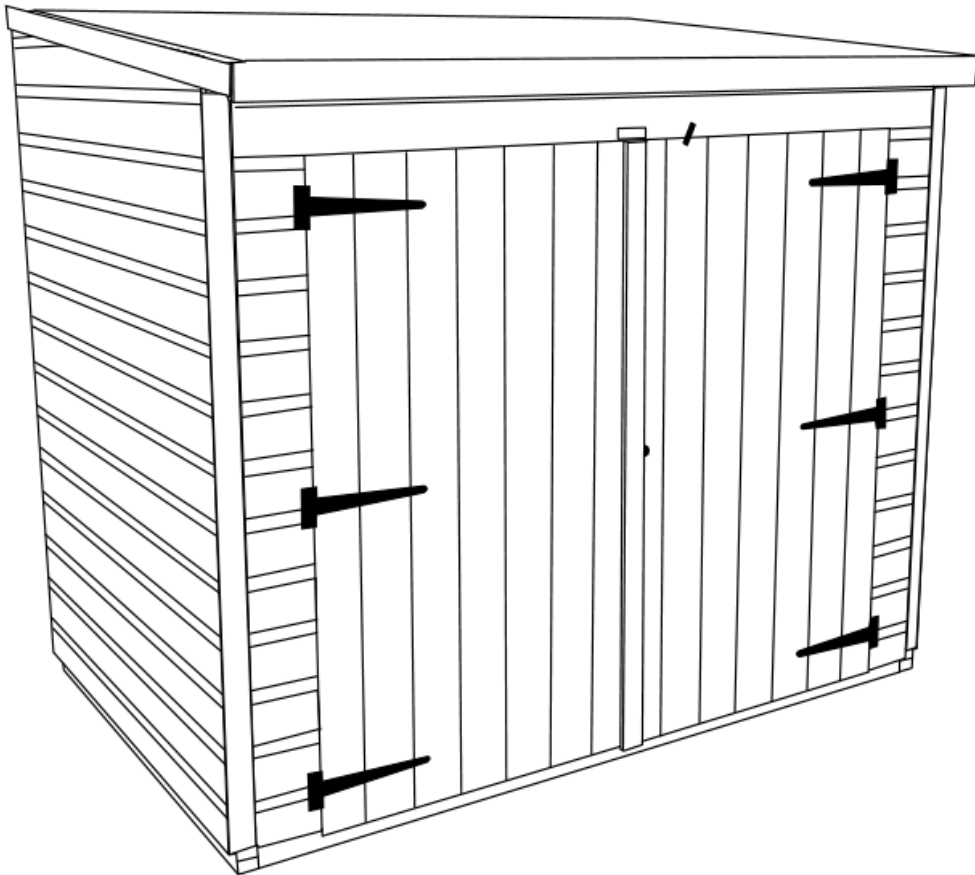
UNPACKING SAFELY

Please follow these instructions to unpack your garden building safely



- Two people minimum to unpack
- Place the pallet on firm level ground
 - Cut the plastic banding
- Remove each panel by removing screws one column at a time as indicated below
 - Check all the components against the instructions / check list





(Please note – this image is for illustration purposes only. The shed you ordered may be a different size or roof sloping other way)

Power Pent Bike Shed

Product Instructions

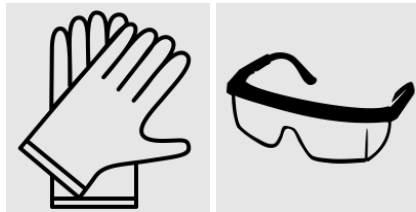
Before you start

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 garden building before carefully reading this manual.

Health and Safety

Every effort has been made during the manufacturing process to eliminate the prospect of splinters on rough surfaces of the timber. You are strongly advised to wear gloves when working with or handling timber. We also strongly advise you to wear safety glasses when installing the felt to protect your eyes.



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.

2 persons recommended



Our treatment

Contains: IPBC (3-iodo-2-propynyl-N-butyl carbamate) and propiconazole. Wear gloves when handling freshly treated wood. Avoid breathing dust when cutting treated or untreated wood. Dispose of off-cuts responsibly – do not burn.

May produce an allergic reaction (EUH208). Causes serious eye irritation (H319)Wash skinthoroughly after handling(P264)Wear protective gloves/protective clothing/eye protection/face protection (P280)IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305 + P351 + P338)If eye irritation persists: Get medical advice/attention (P337 + P313)

Tools required (not supplied)



Drill



Spirit level



Hammer



Stanley knife



Stepladder



Saw

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 knot holes are then dislodged from the timber leaving a small knot 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 change the board over.

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

Firm and level base

If you have ordered our Power Base, then please turn to page 17 for installation instructions.














All of our garden sheds require a firm and level base. When thinking about where the garden building 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 of the garden building which may come into contact with the wall or fence.
- Ensure the base is level and is built on firm ground, to prevent distortion. Refer to PowerSheds.com for base dimensions.
- Consider when placing the base next to trees or large bushes as this could cause problems from overhanging branches, especially if these are likely to grow and come into contact with the building in the future and could cause the felt to rip.

The base is slightly smaller than the external measurement of the building, i.e. The cladding should overlap the base, creating a run for water. It is recommended that the floor is at least 25mm above the surrounding ground level to avoid flooding.

If you have not chosen to purchase our Power Base then other 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).

Component checklist

	2x6 Floor	3x6 Floor	4x6 Floor	2ft Blank Panel	3ft Blank Panel	4ft Blank Panel	Door Wing	Doors	Door Head	Door sill	2ft Roof Panel	4ft Roof Panel	6ft Gable top
													
6x2	1	0	0	3	0	1	2	1	1	1	1	1	2
6x3	0	1	0	1	2	1	2	1	1	1	1	1	2
6x4	0	0	1	1	0	3	2	1	1	1	1	1	2
6x5	1	1	0	3	2	1	2	1	1	1	1	1	2
6x6	1	0	1	3	0	3	2	1	1	1	1	1	2

	6ft Pent top	2ft Bargeboard	3ft Bargeboard	4ft Bargeboard	5ft Bargeboard	6ft Bargeboard	Heavy duty bearer	Cover lat	Felt	Fixing pack
										
6x2	1	2	0	0	0	3	1 @ 600mm	5	6ft Piece @ 1m wide	1
6x3	1	0	2	0	0	3	1 @ 890mm	5	6ft Piece @ 1m wide 6ft Piece @ 0.5m wide	1
6x4	1	0	0	2	0	3	1 @ 1900mm	5	(2x) 6ft Piece @ 1m wide	1
6x5	1	0	0	0	2	3	1 @ 1490mm	7	(2x) 6ft Piece @ 1m wide (2x) 6ft Piece @ 1m wide	1
6x6	1	0	0	0	0	5	1 @ 1790mm	7	(2x) 6ft Piece @ 1m wide 6ft Piece @ 0.5m wide	1

The fixing pack

Your fixing pack will include:

- 25mm screws (silver)
- 35mm screws
- 50mm screws
- 70mm screws
- Clout nails (for the felt)
- 40mm galvanised nails

If you have ordered a Power Base, you will also receive 80mm and 100mm screws.

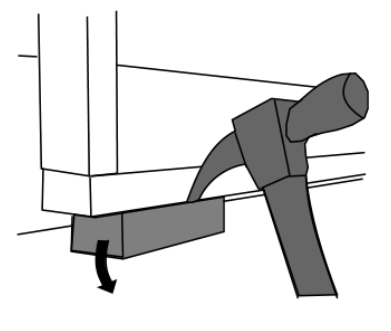
Please note – this is a standard pack used for pent and apex sheds so there may be a number of screws / nails not required. You will, however, receive more than enough.

Pre Assembly

1. Safely unpack your components and check that you have all the parts required. Please use the table in the two previous few pages to view which components are required for the size you have ordered.
2. Carefully remove the pallet and any untreated packing timber. See the aftercare section on ways to recycle these items or alternatively you can discard them.

USEFUL TIP! – Re-treat the underside of the floor before assembly for additional protection and maximum longevity.

3. Remove any transport blocks from the bottom of the blank and window panels. These are there to offer further protection to the bottom board of the panel.

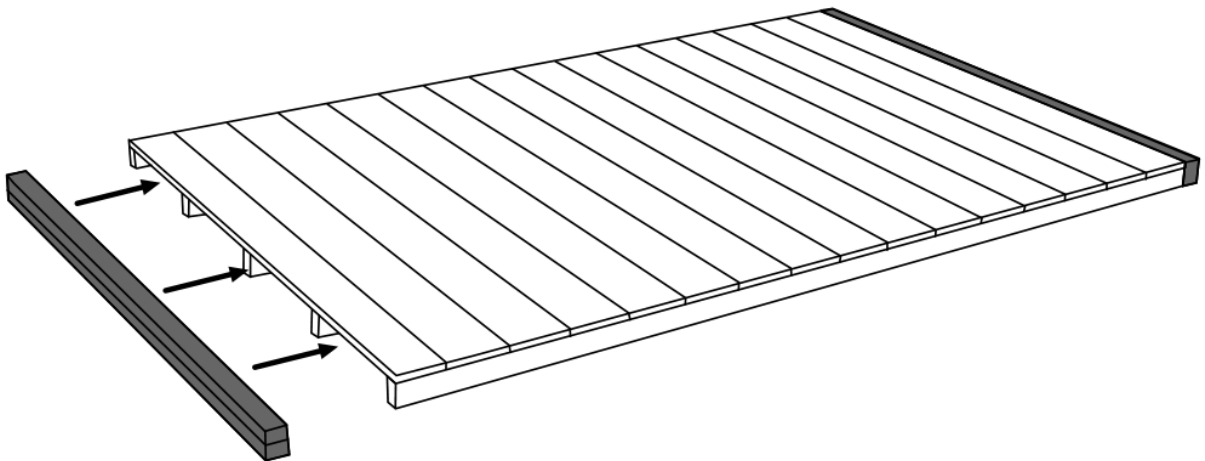


Drilling

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

Floor

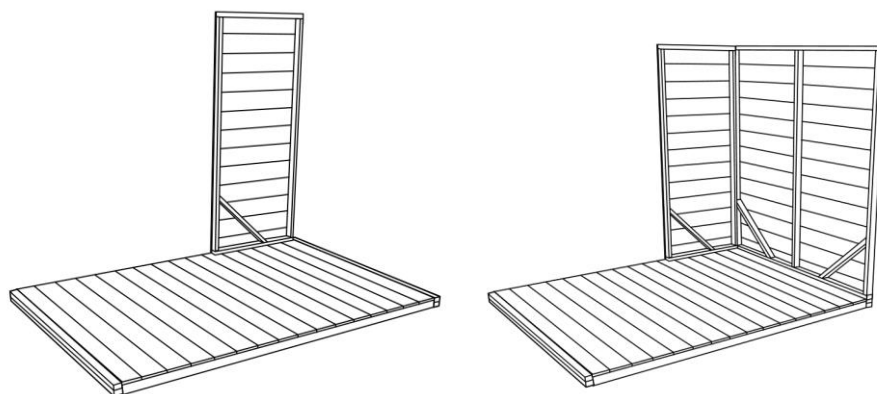
1. Lay down your floor panel(s) onto your firm and level base into the desired position of your shed. Be sure to consider any overhangs on the shed when deciding the correct position as per the instructions regarding bases in the 'before you start' section.
2. For the 6x5 and 6x6 sizes, the floor will be in two sections. Here, turn the floor sections upside down so that the floor bearers are facing up. Join the floor panels together using the 50mm screws provided. You can then turn the floor back the right way to create the full floor. For 6x2, 6x3 and 6x4 sheds, the floor panel is in one piece.
3. Screw the two 'heavy duty bearers' which are two pieces of framing joined together, to the two ends of the shed with 70mm screws. This will cover the ends of the floor joists.



USEFUL TIP! – If you have purchased a POWER Base you can screw the floor to the timber POWER base below for maximum strength and security.

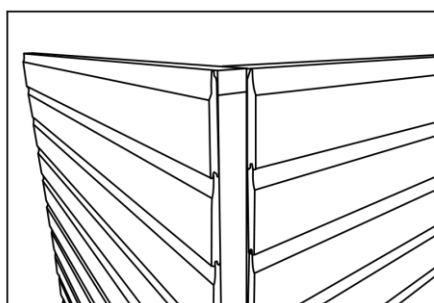
Walls

1. Make sure you have removed the transport blocks from the bottom of the panels as per page 6 of the instructions.
2. Your shed will come with a number of wall sections. The quantity of these will depend which size you ordered. Please see the components table to confirm which panels you should have for your Power Pent Bike Shed.
3. Start with the 2ft panel that will be part of your 6ft wall – position this on top of the floor panel. Ensure the side of the panel is flush with outer edge of floor (but not sitting on the bearer). Then position one of the end panels (which will either be 2ft, 3ft and 4ft) and secure these panels together from the inside using the 50mm screws provided. Use three screws per join.

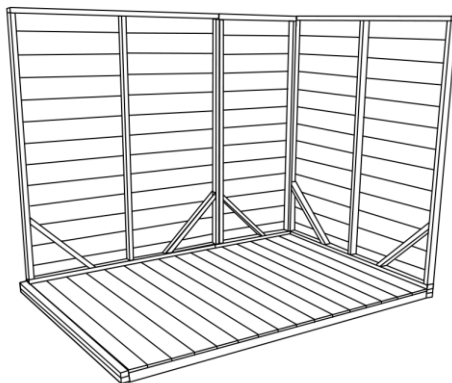


Note, for 6x5 and 6x6 models the ends of the shed will come in more than one section. It does not matter which of these goes to the front and back.

Important! – When securing panels together ensure they line up at the top (so the building is square) and that only the ends of the cladding are shown, which will later be covered with corner strips). This is only in the corner when the side meets the gable.

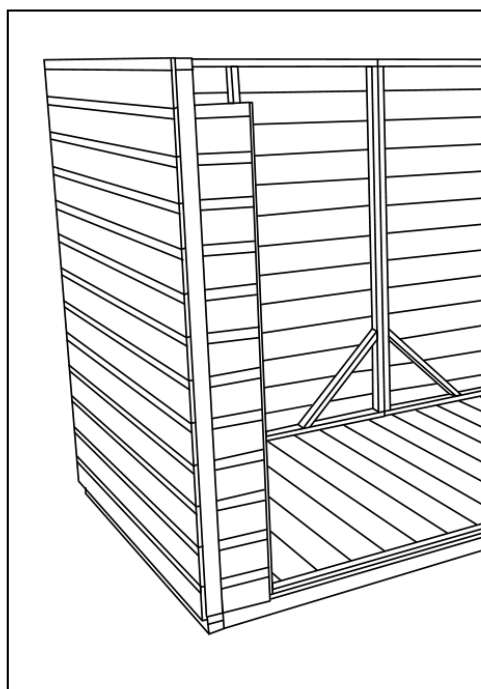


4. Place the remaining 4ft back wall panel and then the other 2ft / 3ft / 4ft end wall panels and again secure using the 50mm screws provided.

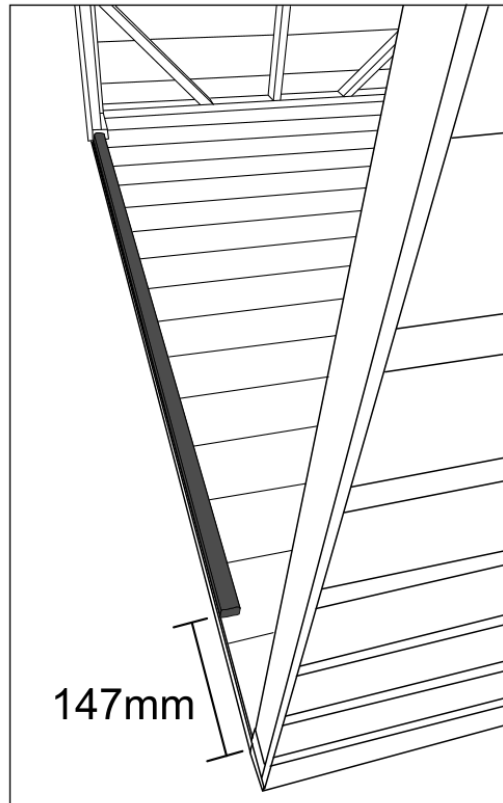


Keep going until the back wall and both ends are secured together leaving the front section open.

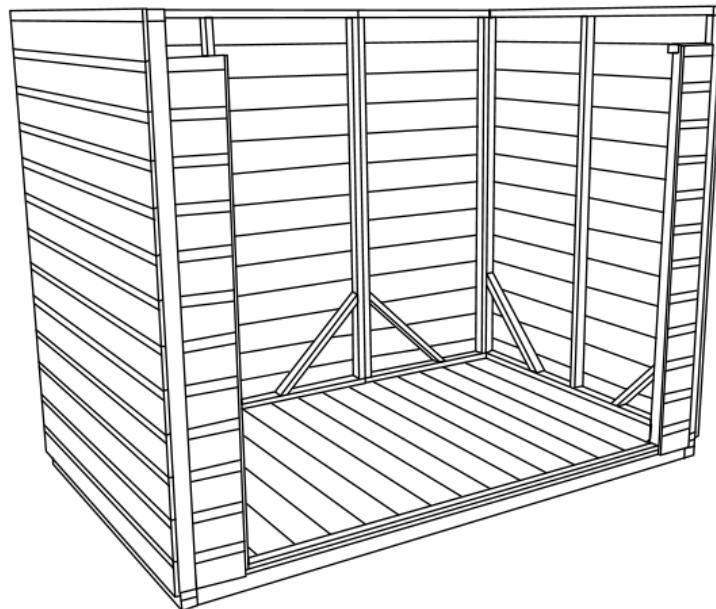
5. Attach the one panel which goes at the side of doors (called the door wings). Again, continue to use 50mm screws (three screws per join).



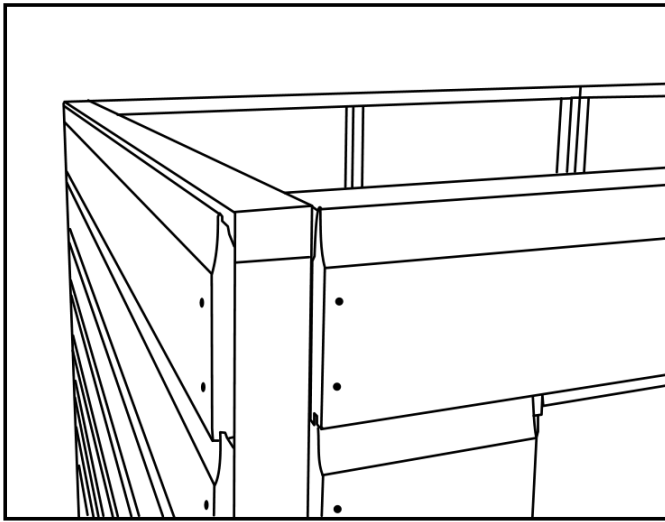
6. Before attaching the other door wing, attach the door sill which looks like a piece of framing in half. This will be screwed to the floor beneath with 35mm screws. **We would strongly recommend to pre-drill the holes to avoid splitting.** This sill should be 147mm from each end of the floor (but not the floor bearer) and attached to the very outside edge of the floor. (see image below)



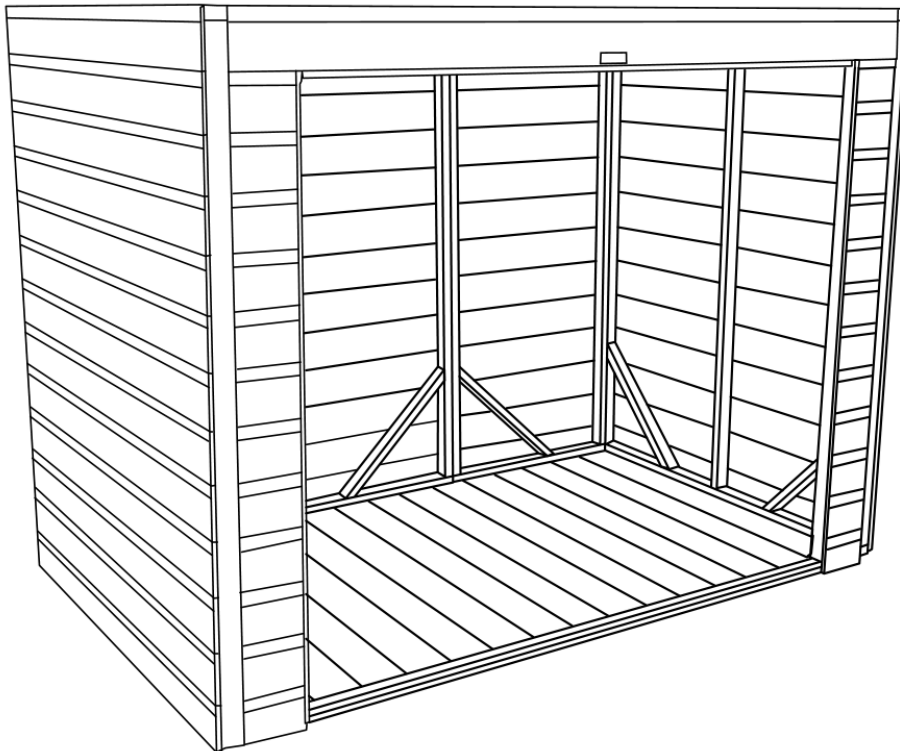
7. You can then secure the other door wing using 50mm screws.



8. Once the two panels are on which go at the side both sides of the doors (door wings), you can add the door head. This is the part which has the 'Power' brand on. To secure these to the panels below you need to screw up through the door wings and into the door head. We would advise strongly to **pre drill before screwing to avoid the timber splitting**. You can then secure the door head to the side wall panels.



Make sure all the side walls are square and aligned at the top

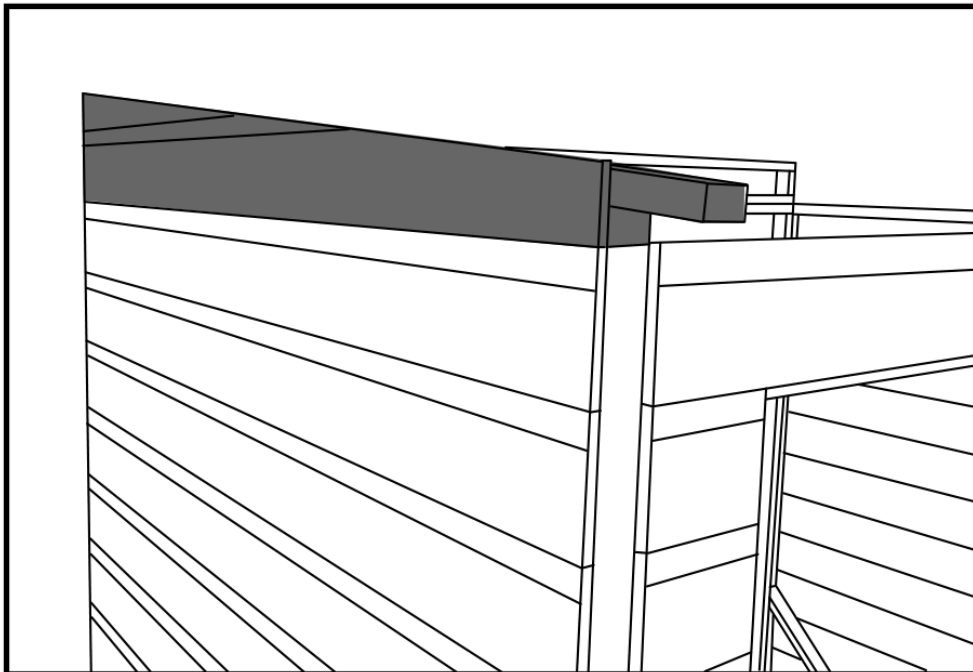
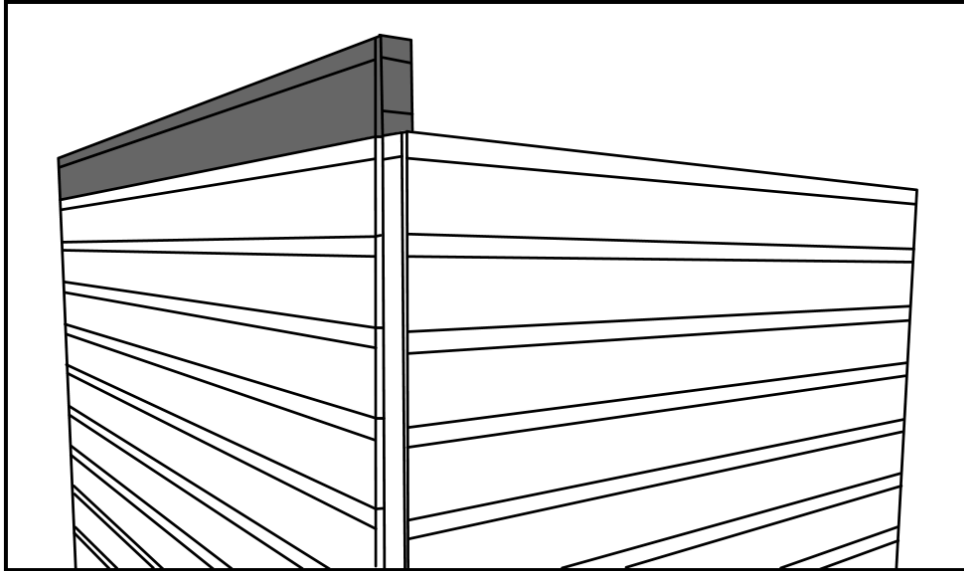


9. When you have secured all the wall panels together you then need to secure these to the floor using 70mm screws provided. Screw into the floor with 2x screws for every wall panel (internally) ensuring the screws are driven through the framing at the bottom of the side/gable walls, through the floorboards and into the floor joists.

USEFUL TIP! – You can work out the position of the floor joists from the location of the existing nails in the floor. It may need screwing at an angle to ensure the screws go into the floor joists as bracing or upright pieces of framing could be in the way

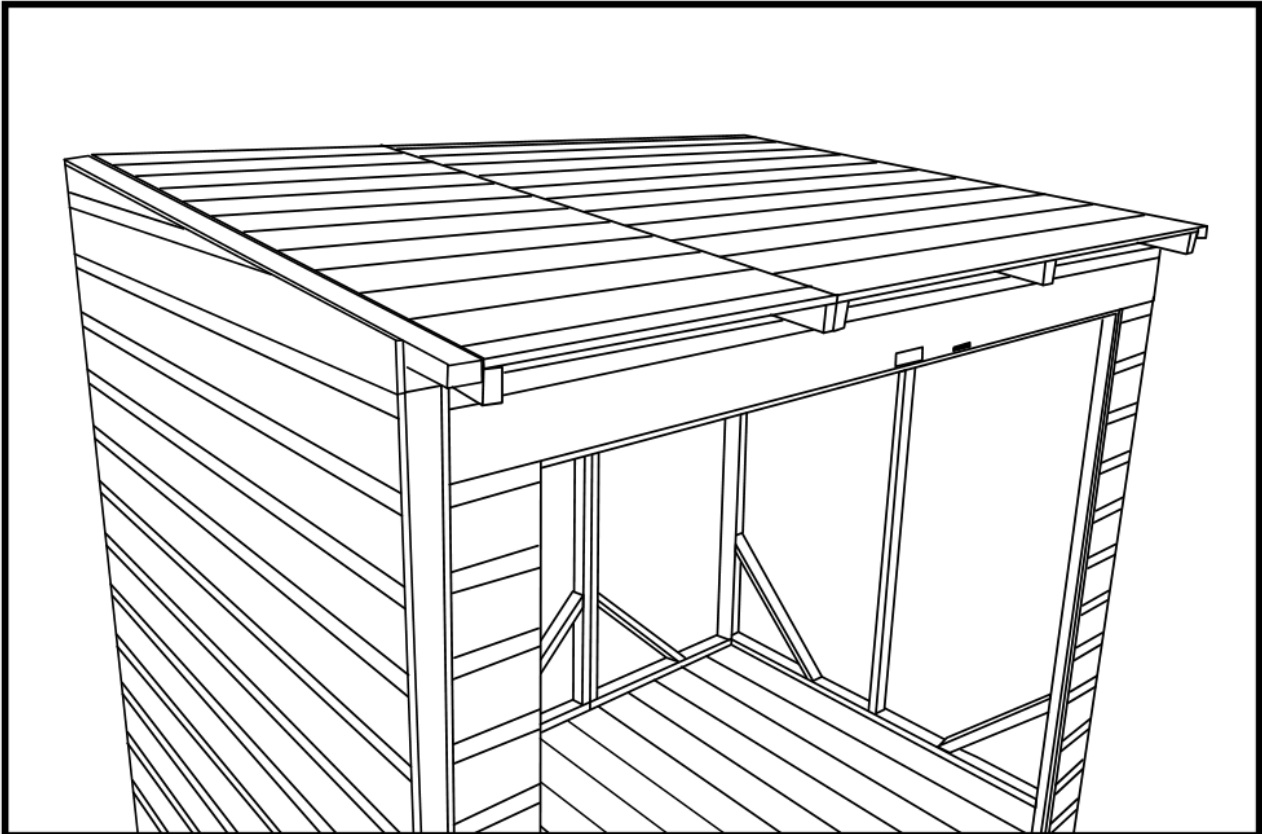
Front Top and Gables

1. The Power Pent Shed can be higher at the front or the back – you can choose this as you assemble it. Add the pent front top to the side you want to be higher and screw to the panels below with 50mm screws. Screwing upwards through the framing from the inside. Do the same with the gables at each end.



Roof

1. Your pent will come with two roof panels if it's 6x4, 6x5 and 6x6 or one roof panel if it is a 6x2 or 6x3. Place the roof panel(s) in place so that the framing on the roof panel runs parallel with the gables i.e. from the high side to the low side. These are not handed so can go on either side and does not matter which direction the tongue and groove of the boards run as it will be covered by the felt and bargeboards.

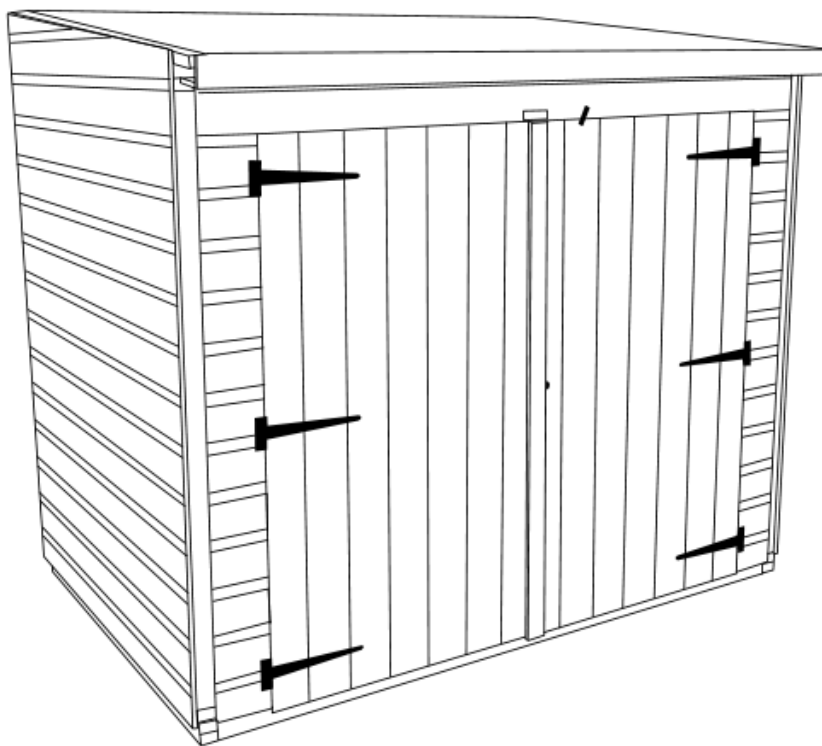


Make sure the framing on the roof is in line with the framing on the gable top so that the overhang on the front and back is correct.

2. If applicable, join the roof panels to each other and to the gables using 50mm screws, going through framing from the inside of the building.
3. Then, screw the roof panels to the front and back wall panels with 50mm screws (ensuring you screw up through the framing of the front and back panel into the framing of the roof).

Doors

1. Your shed will come with two doors which you will need to hang. The door with the lock on will go on the right (as you look at the shed from the outside) and the door with the shoot bolts will go on the left.
2. Position one of the doors in place ensuring the gap between the edge of the door and the shiplap tongue and groove cladding (which you will be screwing the doors in to) is approx. 5mm. This is the same for the top of the door where the gap should also be approx. 5mm. Ensure that it is square and when you are happy with the position, secure the hinges in place using the 25mm screws provided.
3. Repeat this process with the other door.



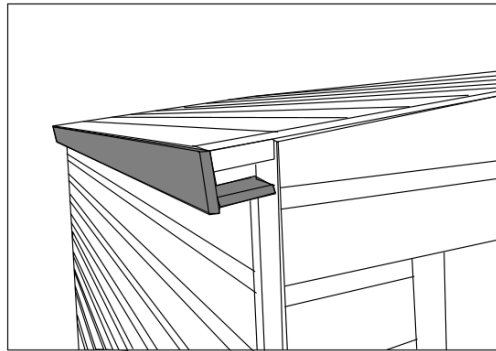
4. Choose a place above the door to secure your turn button. Be careful not to screw this too tightly or it will not turn.

Felt

Health and Safety – Use safety goggles when installing the roofing felt.



1. Before laying the felt, you will need to attach the low side bargeboards with the 40mm galvanised nails. As you can see there are two for the low side – one at the edge of the roof and one on the underside. These soffits may need cutting **down to size with a saw**. Be sure not to mix these up with the corner strips and cover lats which are to go vertically around the shed in corners and covering joins (explained later).

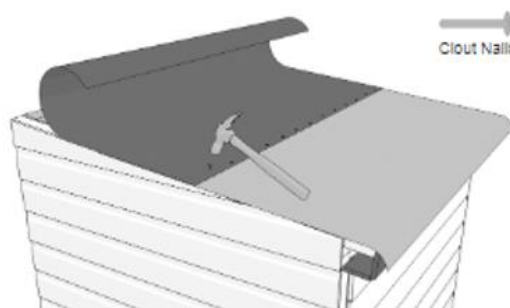


2. Roll out the mineral roofing felt along the lower part of one side of the roof. Allow for sufficient overhang to fold down onto the roof bargeboard (but not the underside roof bargeboard).

Health and Safety – Use Step Ladders to put on the roof felt but do not climb on top of the roof. Ensure there is a second person to support you when using a ladder.

3. Use clout nails to tack along the top edge of the felt and into the roof board and the bottom edge of the felt into the back bargeboard.

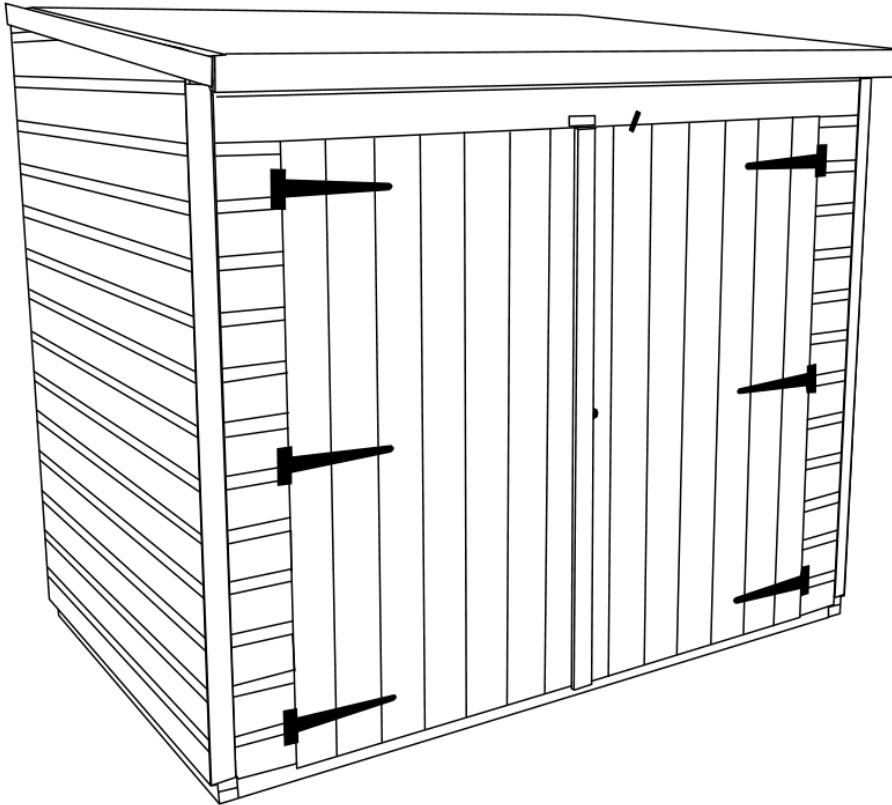
4. Repeat this process along the higher part of the roof.



5. Fold down the overhanging felt on the gable ends and tack this into place. Front and side bargeboards will cover any untidy edges.

Finishing touches

1. Using the 40mm galvanised nails, fit the bargeboards to the high side and ends of the roof. Again, these may need cutting down with a saw depending on what size building you have. There is no bargeboard for the low side as it could trap rainwater from running off the roof.



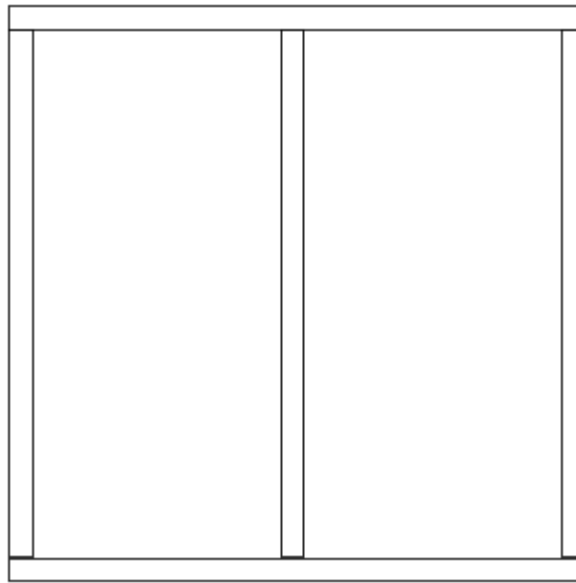
1. Secure corner strips at each corner of your Power shed with 40mm nails (at least four per strip). Extra strips are provided to cover the joins between side wall panels.
2. Secure the door pull to the door with 25mm screws.
3. Peel the protective blue sticker off the Power branding plate above the door.

Power Base Installation Instructions

1. The Power Base will be made up from the pressure treated timbers in the pack (this is the 100mm x 50mm timber). Please consult the diagram in your base fixing pack for the precise layout of your base.

Note – for any time you screw some timber together, we suggest that you pre-drill the timber with a 3mm drill bit before inserting the screws. This will minimise the chance the timber will split.

2. Layout the timber as per the diagram in the fixing pack – you will have one timber frame section per floor panel. The timber should be 100mm high and 50mm wide (therefore the floor of the shed will be 100mm off the ground)



3. Screw the timber together using the 80mm screws one floor section at a time. Once all the floor sections are complete you can screw each floor section together. There will be two bearers to screw at each end.
4. Measure the constructed base from corner to corner ensuring the base is square. The two measurements from corner to corner should be equal.
5. Now is the time to attach the wooden stakes. Ensure the base is positioned exactly where you want it and on the inside of the highest corner, drive the wooden stake into the ground at the with a hammer. We would recommend placing some scrap timber between the stake and the hammer to stop the stake being damaged when hammering it.
6. When you are happy with the height of the stake, secure this to the base with the 80mm screws.
7. Repeat this process in all other corners by going to the next highest corner of each base section - 4 stakes per base section. Keep ensuring base is level using a spirit level until all corners have their stake attached and in the ground.

Power Aftercare and Maintenance

Shed preserver

All of our sheds come with our Power preservative. It is important however that you re-treat your Power shed with a high quality wood preserver and re-treat annually. Take extra care to brush treatment into all wooden components inside and outside.

Feel free to change the colour of the building giving you the 'power' to style it your own way.

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 or door may not close properly. If such occurrences you may need to pack up the base to keep the building level.

What to do with your pallet

Here at Power we understand the importance of recycling which is why we delivered to you on a recycled pallet. 90% of waste timber ends up in landfill. We would love to see you to repurpose your pallet (or even your old shed) into something useful. Here are a few ideas on what you can do with your pallet:

- Pallet furniture
- Pallet shelving
- Pallet shoe rack
- Pallet bar stand
- Pallet pathway
- Pallet flower box

Please take photos of what you have produced with your pallet and share on social media and raise awareness – and don't forget to tag us in!

Returns

If Power is not for you and you'd like to return your shed within 14 days of delivery then we will collect the item from you without charging a collection fee. No fuss, no fees!

All we ask is that you do not unpack the shed or take the shed off the pallet. You will be able to see the shed panels on the pallet if you want to double check the quality of the shed panels.

You need to notify the company you ordered your garden building from to arrange a cancellation or return.

If you have unpacked the shed or taken the shed off the pallet, then you can still return the product to us providing it is within 14 days of delivery but you will have to cover the cost of returning the item. This will either need to be arranging the delivery yourself (to our manufacturing unit in West Yorkshire) or repacking and securing the goods back onto the pallet and we can arrange a pallet delivery 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, Saturday delivery, or a timed delivery) will not be refunded.

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 use 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.

Problems

If you have any issue with your shed then you can:

- Check out our FAQ page on www.PowerSheds.com
- Contact us via the telephone number on the www.PowerSheds.com website
 - Email us at hello@PowerSheds.com
 - Write to us at:

Powersheds Ltd, Unit 7, Wharfedale Road, Euroway Trading Estate, Bradford, BD4 6SG