



REGENCY

TIMBER BUILDINGS

TEL 01948 830460

UNIT 22
PENLEY IND EST ,
PENLEY.WREXHAM.
LL13 0LQ

1

Garage fitting instructions

Tools needed handsaw, hammer, Stanley knife with hook blade, tape measure, battery powered screwdriver, 12 mm wood drill bit 12mm masonry bit, 14 mm masonry drill bit, 3 or 4 mm wood drill bit for pilot holes to prevent the wood splitting and power drill.

We recommend putting down a strip of damp course before you begin. Place the back of the building on to the base and position it central on the bricks. With the bottom overlapping board overhanging the bricks. You can use a temporary support or a 3rd person at this stage just to hold the back in position when the side panel is put into position.

Place side onto base and push tight against the back Hold the outside corner tight together where they join, make sure the bottom of the 2 panels are flush and screw 3 screws in the inside to hold the 2 panels together.

Attach the next side panel to the back as in step 2.

Larger Garage sides are in 2 or more panels. Silicone down one edge of the panels then screw them together top middle and bottom (making sure they are level at top and bottom, sometimes a clamp is handy to keep the panels tight together) do the same with the opposite side.

Put the door side on to the base screw corners together making sure they are flush at the bottom and fix with 3 screws on either side as you did with the back.

screw a spare piece of wood onto the back of both ends of the roof truss. Lift the truss into position in the centre of the building. While one person holds the truss the other can then fix a bracket *6 onto either end of the truss and then fix the bracket to the side walls (use the 1 1/2 inch screws).

Push one of the roofs up onto the shed and into the cut out notch. Push the roof until it is flush to the top of the truss then fix a screw through the truss into the roof to secure. Align the roof with the centre of the side wall and

Fix upwards through the top rail of the side panel into the roof.

Push up the opposite roof until it meets the first roof and fix as you did with the previous roof.

Do the same with the next 2 roofs and fix the roofs together where they meet in the middle. (a clamp might be handy to pull the roofs tight together)

Put some screws through the middle of the truss into the roofs to secure.

Next to fix the top of the roofs together screw through one roof into the other at an angle every 60 cm or so.

Screw upwards through the front and back gables into the roof joists where they come into the shed through the notches, To secure the roof to the building.

Screw through the top of the side rails into all of the roof timbers to hold the roof down to the building.

Next fix up the sub-truss pieces by holding up level and putting a screw in either end into the roof beam. Then slide the sub truss supports into position until it gets tight against the roof then fix one screw up through the sub truss into it and one through the sub truss support into the roof beam. Continue with all the other sub truss bits one by one until they are all fixed.

Roll the felt out on the roof starting at the bottom. Let the felt over hang the roof at the sides and the bottom by approx 70 mm (A hooked Stanley knife blade is needed to cut the felt) to cover the timber.

Nail one corner with the 13 mm clout nails supplied (be sure that any nails into the roof go through the centre of the roof board and not through the joint of 2 joining boards)

Then stretch the felt at the opposite corner and nail. Then do the same with the 2 remaining corners stretching again to remove any ripples.

Then nail only the top of the felt inline with where the nailing pencil mark is on the boards .(we do the main nailing up later) Bend the felt around to cover the 3 edges and fix to side edges.

You must then do the same to cover the bottom part of the other side of the roof.

Next roll another row of felt out overlapping the first row by approximately 10 cm and again nail only the top of the felt into where you can see the nailing up pencil marks on the roof. Then bend the outer edges and nail to the sides of the roof. Do the same on the other side of the roof. Now we must cut the black strip off one of the pieces of felt that we are going to use for the cap sheet.

Position centrally on the roof over hanging at the edges. Nail the 4 corners and stretch out any ripples as you nail it. Then fold over and fix at the edges.

Now we nail all the joins of the felt with clout nails approx 12 cm apart. The same for the bottoms of the 2 roofs, bend round at the bottom and nail 12 cm apart.

nail on the roof fascia boards and roof final to cover the felted edges with the 38 mm galvanised nails provided.

Next silicone the corner joints to half way up from the bottom and nail on the side strips with the 38 mm nails.

Now you must fit the under strips, one person must hold up and align the strip to the centre of the roof and the other can then nail it to the underside of the roof.

Now you must silicone seal where the sides are joined in the centre and then nail on the covering strip.

Now we go back inside and Push the corner covering pieces into position inside the 4 corners and fit with a 38 mm nail.

Fix the 45° corner strengtheners to the bottom corner inside of the 2 front doors with 3 inch screws.

Measure the door opening from the very top of the door opening (where the top of the door boards will go against) down to the concrete and deduct approx 8 mm for the door to open freely without catching the concrete (measure both sides and the middle of the opening in case the concrete is uneven) double check all measurements then cut the doors to the correct length with a hand saw.

Now push the doors up into position (they will be supported by the bottom rail) then fix with the 2 inch screws provided.

Before putting any screws into any board please make a pilot hole with a 3 or 4mm drill bit is used to stop splitting.

Fix the 6 inch tower bolt to the top of the inside of the door that has not got the tower bolt on the outside. Then drill a 12 mm hole into the timber that is to receive the tower bolt.

Cut out the bottom timber that goes across the doorway.

Measure from the underside of the door frame to the concrete and deduct 10 mm then cut a piece of timber to this size (from the timber you just cut out)

And fix it by screwing a couple of 1 1/2 inch screw through the door into the piece. (a small pilot hole can be used to stop any splitting of the wood)

Next fix the 8 inch tower bolt to the piece of timber you just attached to the door using 1 1/2 inch screws.

Then close the door and mark where you need to drill a 14 mm hole into the concrete to receive the tower bolt.

Attach the heavy duty padbolt to the middle of the door that is to be the first opening one. Remember to pre-drill the all holes.

Fix the receiver to the opposite door.

Next cut the door covering strips to fit the top and bottom of the door and fix onto the door that is to open first, let it overhang the opposite door by approx 2cm.

Pre-drill and fix to the closing side with 2inch x 10 gauge screws provided.

We recommend fixing down the garage to the concrete on completion.



