GM SHEDS Garden® Master
DESIGNED FOR YOU. BY YOU.

GM2323
GABLE ROOF SHED
2280mm wide x 2280mm deep x 1830mm – 2025mm high

BEFORE YOU BEGIN:
To avoid any confusion with your new shed build, we strongly suggest that you unpack and identify each part before you begin to put it together.

THIS SHED WAS PROUDLY PACKED BY:

Please quote this code for any correspondence back to the supplier

ASSEMBLY INSTRUCTIONS

YOU SHOULD HAVE TWO PACKAGES:
- 1 cardboard package
- 1 channel pack

TOOLS SUPPLIED:
- 1 riveter
- 3.3mm double ended drillbit

TOOLS REQUIRED:
- Battery or electric drill (drill bits supplied)
- Tape measure
- Ladder
- Non-slip gloves, good shoes and goggles
- A set of helping hands

SCAN TO WATCH OUR ASSEMBLY VIDEO **HERE**

Some parts have sharp edges and should be handled very carefully. We recommend the use of protective gloves and footwear when assembling.

DO NOT attempt to erect this shed in windy weather. All dimensions are approximate.

NEW ZEALAND MADE

HIGH TENSILE STEEL

25 YEAR WARRANTY

EST. 1974

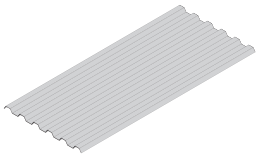
KITSET ASSEMBLY SERVICES

CALL 0508 454 873
for an installer near you

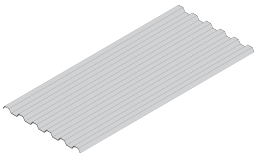
COMPONENTS CHECKLIST

Please check the parts carefully and advise immediately if any are damaged or missing.

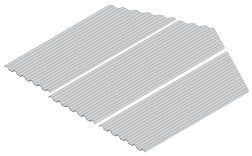
A 3 x 1830mm sheets for back



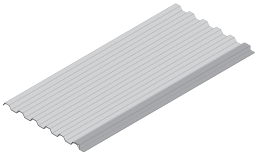
B 6 x 1200mm sheets for roof



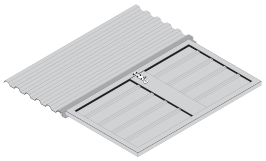
C 4 x sloping sheets & 2 x gable cut sheets for ends



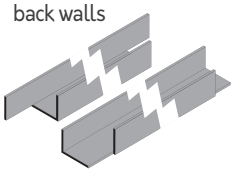
D 1 x 780mm wide sheet with door jamb attached



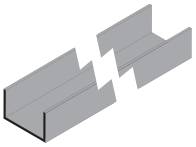
E Door pre-hinged to 700mm sheet with door jamb



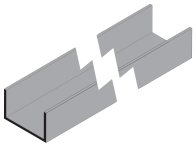
F 4 x 2255mm channels with ends cut for front and back walls



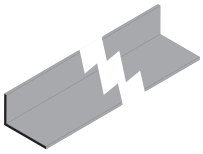
G 4 x 2255mm channels for roof



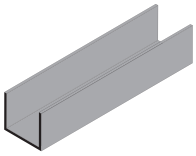
H 2 x 2255mm channels for bottom & 2 x 2290mm channels for top of end walls



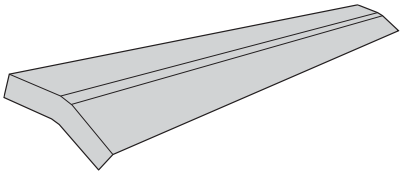
I 4 x 1200mm 'L's for flashing the roof to the end walls



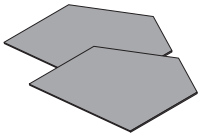
J 2 x 793mm door spacers



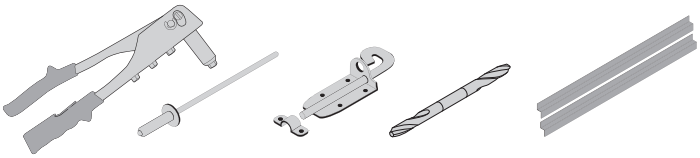
K 1 x 2255 mm ridge beam



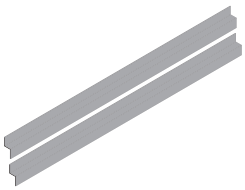
L 2 x gable plates for gable ends



M 1 x pack of rivets with padbolt for Zincalume sheds, rivets for colour sheds, 2 x 'Z' door braces and riveter for general assembly

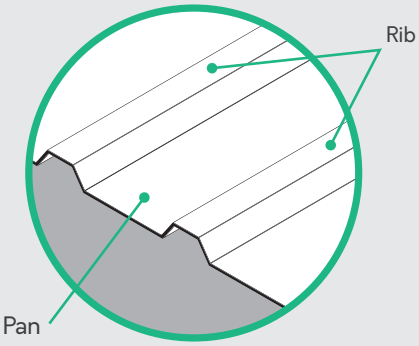


N 2 x 'Z' door braces



IMPORTANT!

- Remove the swarf (drill filings) from the panels as you assemble them.
- All components are cut to length. Do not cut any parts unless instructed.
- Rivets through the inside of the channels into the sheeting are just as important as rivets from the outside.



RIBS AND PANS

- Generally most rivets are spaced at 300mm apart.
- Keep the rivets in the pans as close to the ribs as possible for added strength.
- Ribs will always protrude to the outside of the shed.
- Extra internal rivets are strongly recommended in high wind areas.
- Panel sizes may vary by up to 10mm.

BUILDING YOUR SHED

The basic task is to join the sheets together to form your panels, and rivet channels to the top and bottom of these panels. They will then join together to form your shed (diagram 1, 2 and 3).

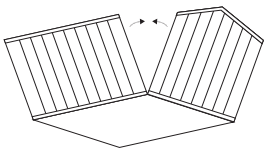


DIAGRAM 1

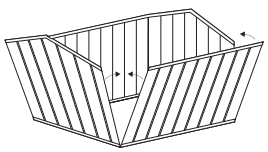


DIAGRAM 2

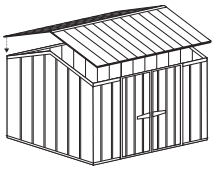


DIAGRAM 3

If you choose to vary from these instructions your warranty will be impaired.

If you need advice, call us **FREE** on **0800 807 433** or email us at info@gardenmastersheds.co.nz

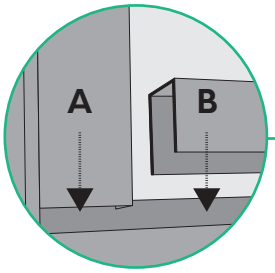
STEP 1: FRONT WALL

1. Slip D 780mm wide sheet with door jamb under door. Use J door spacer to determine the correct opening size by placing on the bottom flange of the door jambs. Then rivet F channels to tops and bottoms of sheeting.
2. **Outside:** Rivet channel at corners and every 2nd rib between and through door jambs and spacer.
3. **Inside:** One rivet per sheet at each end up through channel underside and through door jambs and spacer.

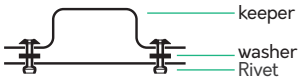
   Rivet padbolt to the outside of door using wide flange rivets supplied.

YOU WILL NEED:

- D 1 x 780mm wide sheet with door jamb attached
- E Door pre-hinged to 700mm sheet with door jamb
- F 1 x 2255mm top channel
  1 x 2255mm bottom channel
- J 2 x 793mm door spacers

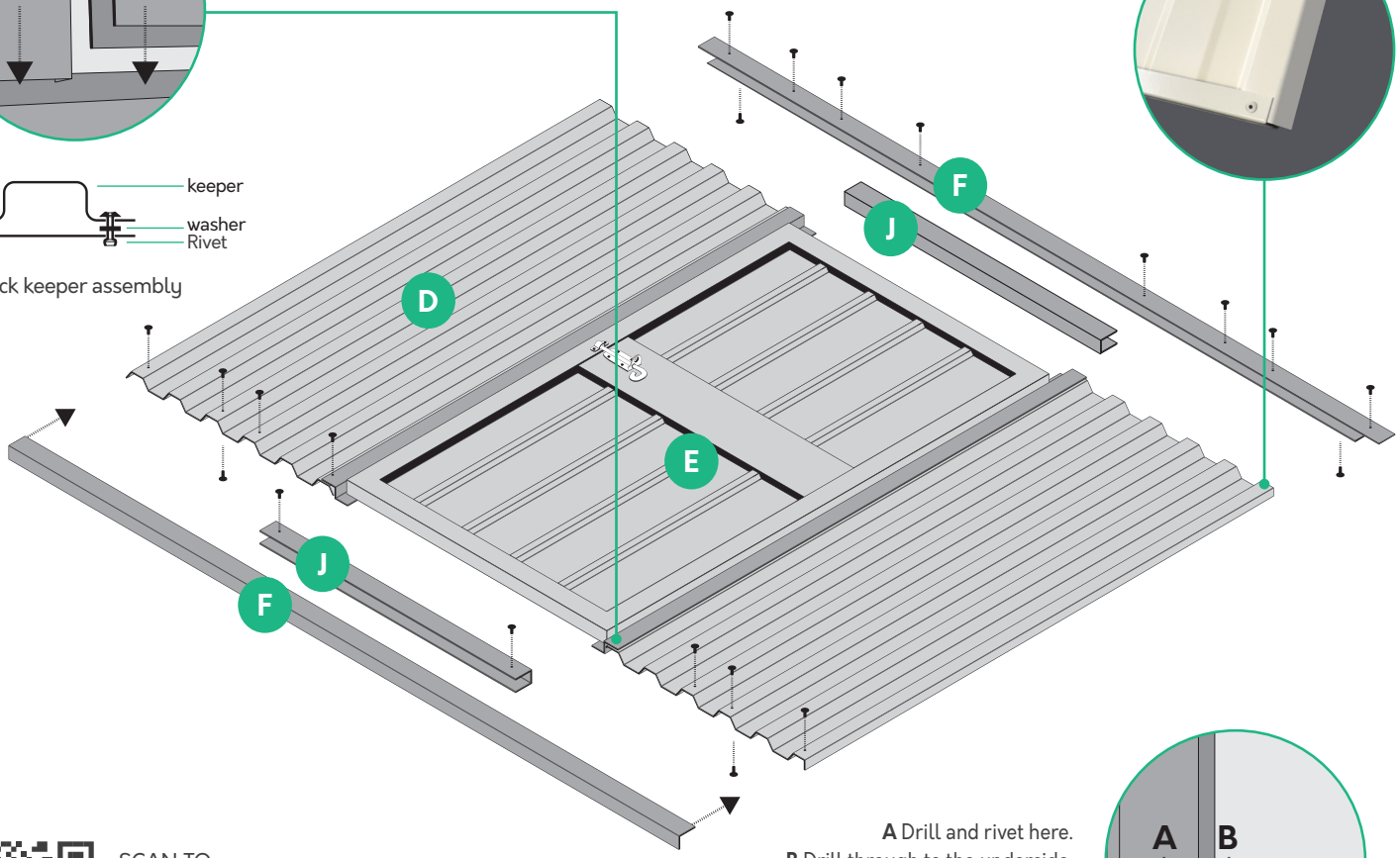


A Door jamb fits inside bottom channel.
B Door spacer fits inside door jamb but to the outside of bottom channel.



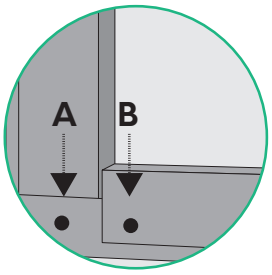
Padlock keeper assembly

Channels will come short of the ends of the sheeting by 10-15mm on all panels.



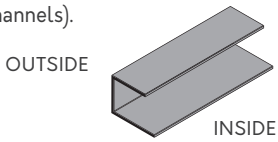
SCAN TO WATCH OUR ASSEMBLY VIDEO **HERE**

A Drill and rivet here.
B Drill through to the underside. Rivet top and underside.



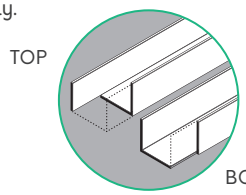
FITTING CHANNELS

The higher side of the channel goes to the inside of the shed. It is very important to include the rivets on the underside of all the channels as they are structural (except roof channels).



CHANNELS WITH CUTOUTS

The cutouts go to the inside of the panel to allow easy fitment of the end walls on assembly.



GARDEN MASTER TIP

To hinge the door on the opposite side, simply put the top channel on the bottom and the bottom on the top.

Put the padbolt on the door before erecting the panels. It will stop the door swinging around!

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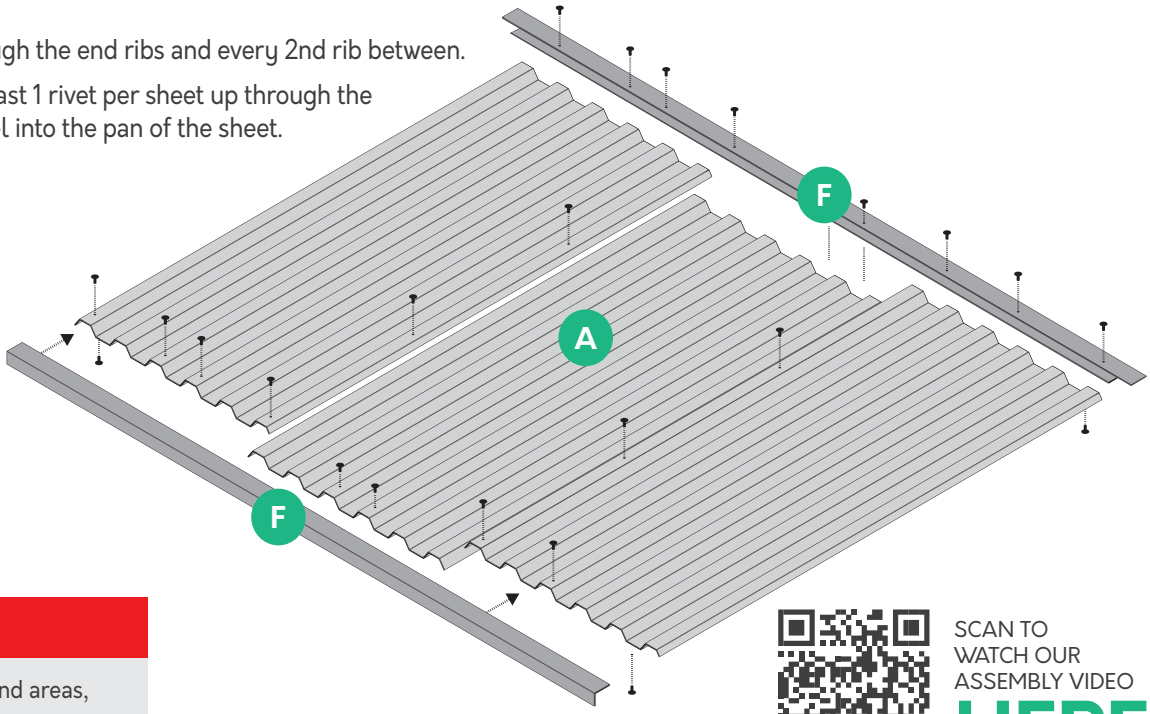
STEP 2: BACK WALL

YOU WILL NEED:

- A 3 x 1830mm sheets for the back
- F 2 x 2255mm channels

1. Join 3 A sheets together with 2 rivets through the overlapping ribs making sure the ends of the sheets are flush.
2. Cap sheeting with F channels putting the cutouts top and bottom same as the front wall.
3. Rivet the channels through the end ribs and every 2nd rib between.
4. Make sure you put at least 1 rivet per sheet up through the underside of the channel into the pan of the sheet.



GARDEN MASTER TIP

Put extra rivets in for high wind areas, particularly on the underside.

SCAN TO WATCH OUR ASSEMBLY VIDEO **HERE**

STEP 3: ROOF

YOU WILL NEED:

- B 6 x 1200mm long sheets
- G 4 x 2255mm channels
- I 4 x 1200mm 'L's
- K 1 x 2255mm ridge beam

1. Join 3 B 1200mm sheets together, same as the back.
2. Cap sheeting with G 2255mm channels.
3. Rivet the channels at every second rib but not the corners at this stage.
4. Place the short flange of I 'L' on top of the rib at 1 end. Make sure ends are flush with sheeting and put 1 rivet in the centre to hold the 'L'. Rivet the corners through the channels and 1 more between the corner and the centre rivet. Perform the same at the other end and next roof panel.
5. Rivet K ridge beam to one roof panel and rivet through internal flange and thru the ends of the ridge beam into 'L'.

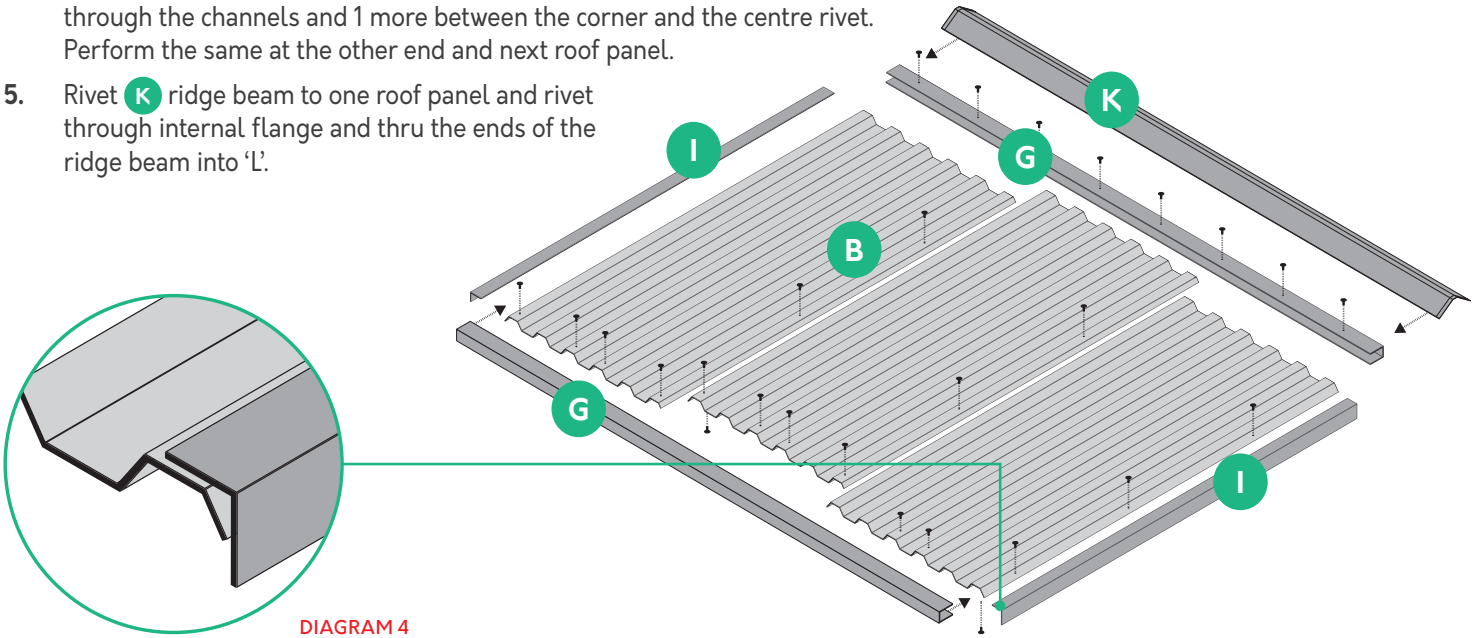


DIAGRAM 4

If you choose to vary from these instructions your warranty will be impaired.

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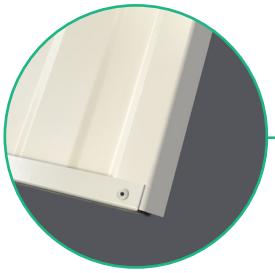
STEP 4: END WALLS

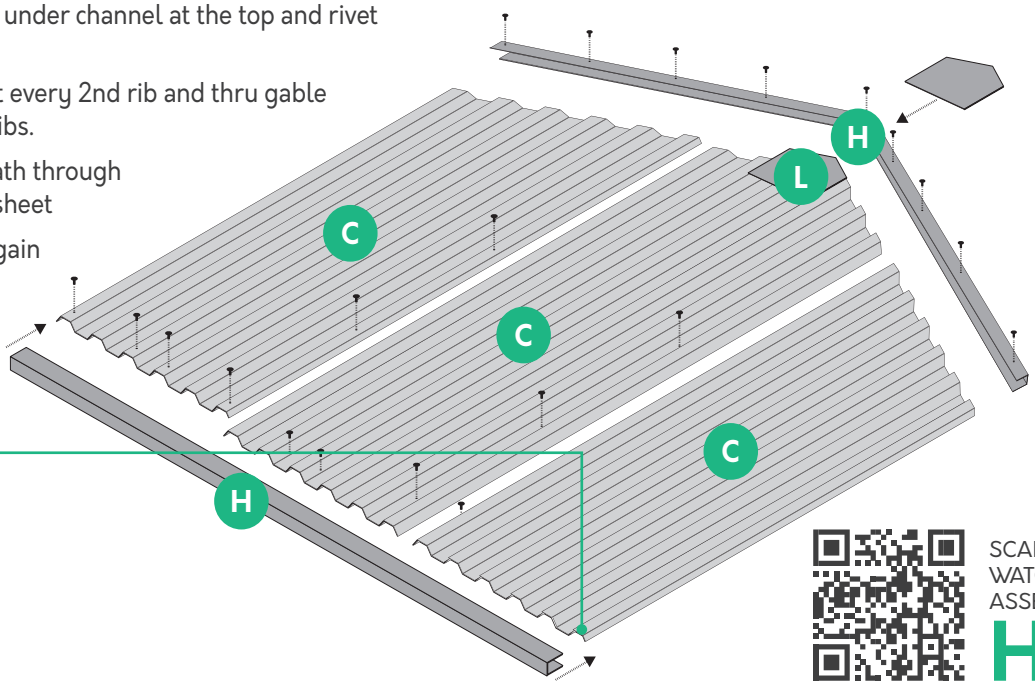
YOU WILL NEED:

- C 4 x sloping sheets & 2 x gable cut sheets for ends
- H 2 x 2255mm channels for bottom & 2 x 2290mm channels for top of end walls
- L 2 x Gable plates for gable ends

1. Join 3 C sheets together to create a gable end wall as shown.
2. Make a cut in the flanges only at (1145mm) the centre of the H 2290mm channels.
3. Cap the bottom of the sheets with an H 2255mm channel and bend the cut H 2290mm channel over the top of the sheets. rivet at corners only for now.
4. Slip L Gable plate under channel at the top and rivet to sheeting at the *.
5. Rivet the channels at every 2nd rib and thru gable plate into sheeting ribs.
6. 3 rivets up underneath through channel into pan of sheet
7. Perform the same again for the other end.



Channels will end 15-20mm short at tops of end walls and 10-15mm at bottoms.



SCAN TO WATCH OUR ASSEMBLY VIDEO **HERE**

STEP 5: DOOR BRACES

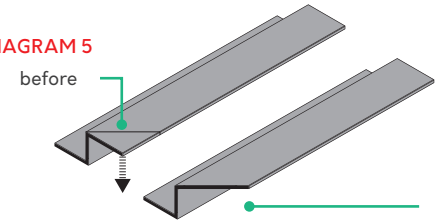
YOU WILL NEED:

- N 2 x 'Z' Door braces
- M Rivets for Zincalume sheds
- M Rivets for Colour sheds

1. The door braces can be riveted now or after you have assembled your shed.
2. Tuck one end of the 'Z' between the bottom channel of the inside of the door and the sheet. Do the same at the top, overlapping in the centre behind the padbolt.

   If you have a locking 'T' handle you will have to run the 'Z's the opposite way to the diagram.
3. Rivet the 'Z's at the ends, and in the centre of the channel it is tucked under, and through the overlap in the centre. Two or three more rivets will be required through the door sheeting into the 'Z', but they will need to be riveted through from the outside of the door for a neater appearance.
4. You may need to cut or bend the flange at the bottom and the top of the 'Z' if it catches on the door jamb when opening or closing (diagram 5).

DIAGRAM 5



ABOVE
Z door braces in position on the inside of door sheet

If you choose to vary from these instructions your warranty will be impaired.

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STEP 6: INSTALLATION

WALL ASSEMBLY

Stand up the back wall and as your helping hand is holding it up, bring the left end wall in to meet it at the left corner (diagram 6) overlapping the corners (diagram 7).

Drill and rivet at approximately 100mm down from the top and up from the bottom, drilling and riveting from the outside.

Bring the right end wall into the right back corner and perform the same again, checking to make sure the walls are sitting flat at the bottom. Bring the front wall into place and join the front corners to the end walls, same as the back (diagram 8).

Finish joining the corners by riveting at approximately 200-300mm apart. You will find it easier to drill these corners if they are supported on the inside (see tip).

FIXING THE ROOF

With a person at each end of the roof, lift one side of the roof with the gable attached over the top of your upright walls and lower down on top. Align the centre of the ridge beam with the peak of the gable end wall. (diagram 9). At the left end fix through the 'L' flashing into the top channel of the left end wall.

Measure the overhang at the back and fix the right end 'L' to the right end wall with the same overhang as the left end. Insert second roof panel into the ridge and rivet off both sides. If it is difficult to get the same overhang at each end, this will be caused by an unlevel site or walls that are not square. Adjust accordingly. Fix the 'L's at 300mm apart.

Using the ladder and the tape measure, rivet down through the top of the roof, through the pan into the top channel of the front and the back walls (10mm more than the overhang). Rivet beside every second rib. You will not need to worry about these rivets leaking as any water seeping through will end up on the outside of the walls.

FIT THE DOOR BRACES AND INSTALL SHED

Fit the door braces, if not already done so. Check that all filings/swarf is removed.

IMPORTANT GARDEN MASTER HINTS & TIPS

IMPORTANT:
FIX YOUR SHED TO ITS FOUNDATIONS

If your foundations are unlevel or bowed, you will have problems with your padbolt and door levels. This can be fixed by slipping a spade under either door jamb and lifting. You will soon get a feel for which side needs propping up.

IMPORTANT:

- Do not attempt to assemble panels in rain or windy conditions.
- Make sure your foundations are squared and level before erecting panels.
- It is easier to remove all swarf (filings) before you stand your walls up.
- Complete all panels before erecting your shed.
- Keep a firm grip on panels when handling. If they slip they will cause damage.
- Always wear non-slip gloves, protective footwear and eyewear.

It is essential that every shed has a floor, but the only way to make sure your shed is there to stay on windy sites is with a recessed concrete floor.

Phone **0800 807 433** for free advice or see page 7 for more details.

BUILDING YOUR SHED

The basic task is to join the sheets together to form your panels, then rivet the channels to the top and bottom of these panels. They will then join together to form your shed (diagram 6, 7, 8 and 9).

DIAGRAM 6

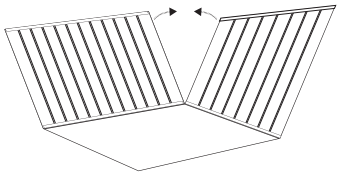


DIAGRAM 7

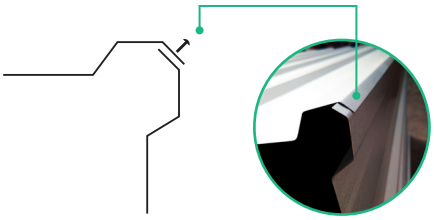


DIAGRAM 8

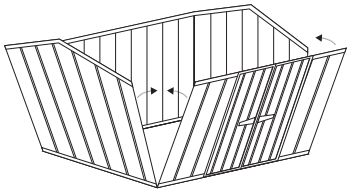
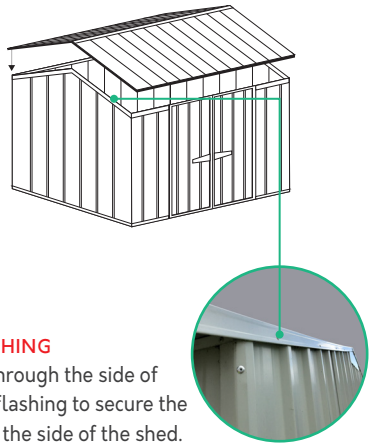


DIAGRAM 9



L FLASHING
Rivet through the side of the 'L' flashing to secure the roof to the side of the shed.

GARDEN MASTER TIP

Use the handle end of a hammer in the inside of the corner, but beware of drilling holes on the end of your hammer!

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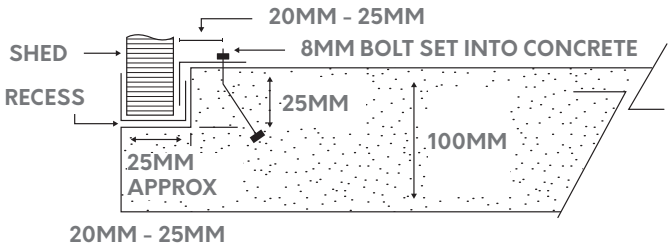
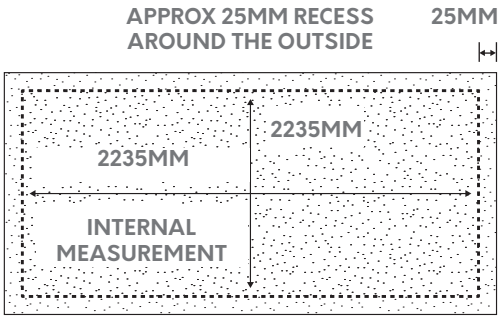
If you need advice, call us **FREE** on **0800 807 433** or email us at info@gardenmastersheds.co.nz

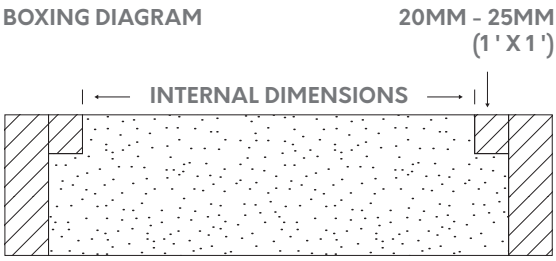
STEP 7: COMPLETE YOUR SHED

RECESSED CONCRETE FLOOR PLAN FOR SPECIALLY POURED CONCRETE FLOORS: SPECIFICATIONS

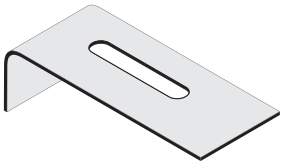
Every shed must have some type of foundation between it and the ground. You can pour a concrete floor and use recessed floor clamps, use an existing concrete base with flat floor clamps or purchase a kitset wooden floor from your shed dealer.







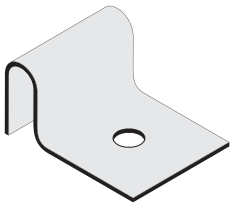
RECESSED FLOOR CLAMPS
For poured floors with a recess around the perimeter.
Available from your shed dealer.



INTERNAL DIMENSIONS FOR THE GM2323:

2235MM X 2235MM

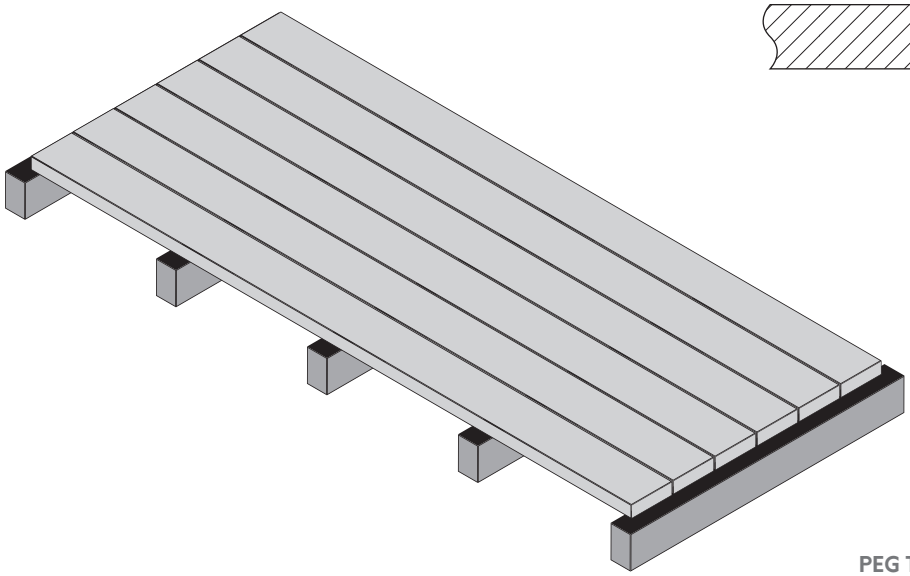
FLAT FLOOR CLAMPS
For existing concrete only. Water can seep underneath.
Available from your shed dealer.

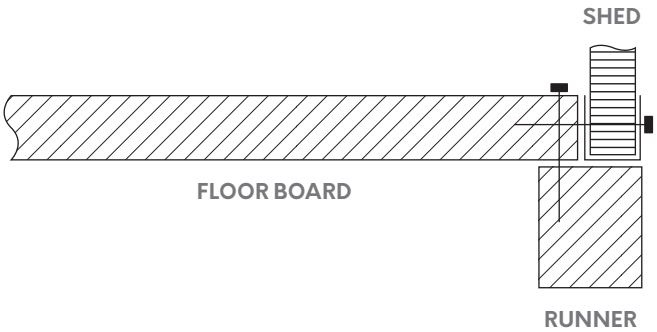


KITSET WOODEN FLOORS

Every shed must have a floor. These are available from your local shed dealer.

For more information visit www.gardenmastersheds.co.nz





PEG THE FLOOR TO THE GROUND IN WINDY AREAS

If you choose to vary from these instructions your warranty will be impaired.

If you need advice, call us **FREE** on **0800 807 433** or email us at info@gardenmastersheds.co.nz

WE WOULD REALLY LIKE YOUR FEEDBACK

Please email your comments to feedback@gardenmastersheds.co.nz or fax us on **06 878 5758**. Customer satisfaction is our top priority and we are always on the look out for ways in which we could do better.

FREE GIFT

To receive your free gift, simply include your details when you send in your feedback, or send us a photo of your finished shed with your details.

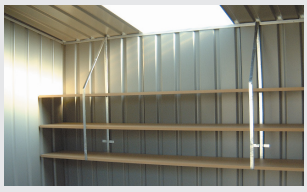
TO HELP YOU WE HAVE LISTED SOME QUESTIONS THAT YOU MAY LIKE TO ANSWER:

There is no need to type every question, only the question number and your answers are necessary for us.

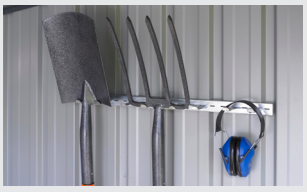
1. How did you find out about us?
2. If you found us through our website, was it easy to navigate?
3. Did you find the assembly instructions and the DVD easy to follow?
4. Where did you purchase your shed?
5. Was the sales person helpful and courteous?
6. What did you like best about your garden shed purchase?
7. Are there any parts of our service that you think we could improve upon?

THANKS FOR YOUR HELP!

GARDEN MASTER SHED OPTIONAL EXTRAS



1. SHELF BRACKETS
Hangs from the wall to allow maximum use of valuable floor space. Includes 3 x ply shelves, 1200mm x 300mm.



2. TOOL RACKS
6 racks & 2 wallstrips. Keep your tools off the floor.

3. FLOORS
We offer kitset wooden floors for every size of shed. Treated timber sits directly on the ground. The floor may need pegging into the ground in windy areas.

4. HOOKS
Coming in a set of four.

5. FLAT FLOOR CLAMP
For existing flat concreted areas using dyna-bolts. (Bolts need to be ordered separately).

6. RECESSED FLOOR CLAMPS
For specially poured concrete floors. We recommend the recessed concrete floor system as it provides greater protection from wind lift and moisture entering under your shed. (Pre-bent bolts available separately).

7. RECHARGABLE LED SENSOR LIGHT
Handy for when the light is poor. Sensor automatically turns the unit on and off to ensure you can find what you need even at night.

8. WORKBENCH
This sturdy workbench will be the perfect addition to your shed. Made from solid timber with a handy pegboard for your tools. (Tools not supplied).