

Well done you have finished the panels....

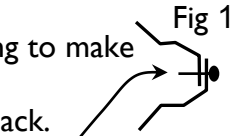
### Points to note as you construct your shed:

- **Do not** attempt to assemble panels in 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.



## 5: Now to join your corners and put your roof on....

- 1st: Stand up the back wall and as your helping hand is holding it up bring the Left end wall to meet it at the left corner overlapping the corners as Fig 1. Drill & Fix at approx 100mm down from the top and up from the bottom drilling and fixing from the outside.
- 2nd: 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
- 3rd: Bring the front wall into place and join the front corners to the end walls same as the back.
- 4th: Finish joining corners by fixing at approx 300mm apart. You will find it easier to drill these corners if they are supported on the inside. Use the handle end of a hammer into the inside of the corner, but beware of drilling holes in the end of your hammer.
- 5th: With a person at each end of the roof, waft it over top of your upright walls and lower down on top with an overhang that looks best to you. At the left end fix thru 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. If the roof is difficult to get to the same overhang at each end this will be caused by unlevel site **or** walls are not square. Adjust accordingly. Fix "L"s at 300mm's apart.
- 6th: Using your ladder and tape measure, fix down thru the top of the roof, thru the pan into the top channel of front and back walls. (10mm more than the overhang). Fix beside every 2nd rib. (Fig 2). You will not need to worry about these fixings leaking as any water seeping thru these fixings will end up on the outside of the walls.
- 7th: Attach padbolt to door strap and fit door braces if not already done so. Check that all swarf is removed and most importantly....
- 8th: Fix your shed down 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.

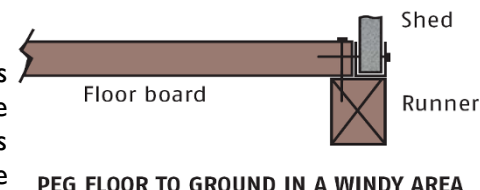


**Recessed floor clamps**  
For especially poured floors  
with recess around perimeter.



**Flat floor clamps**  
For existing concrete only.  
Water can seep underneath.

It is **utmost** 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 **and** phone



### PEG FLOOR TO GROUND IN A WINDY AREA

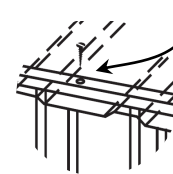


Fig 2

## Feedback....

As we are forever trying to make sure you are our happiest customer, we are always on the look-out for ways in which we could do better. Please fax us on **06 878 5758** or send us an email to [feedback@gardenmastersheds.co.nz](mailto:feedback@gardenmastersheds.co.nz) with your thoughts. To help you we have listed a few aspects that we would like you to comment on. You do not have to include your details, but if you do we will forward you a **free gift**.

1. Finding out about our range of garden sheds and the various options we offer....
2. The store and the sales person that you purchased from....
3. The delivery and the overall dealings for the purchase of your shed....
4. The assembly of your shed and clarity of instructions....
5. Did the shed fit your needs? What will you order differently next time?



**STORETECH**  
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## GM23 | I - Flat Roof Shed

2280mm Wide x 1080mm Deep x 1830mm H

## ASSEMBLY INSTRUCTIONS

***“This shed has 1 Box and 1 Channel pack”***

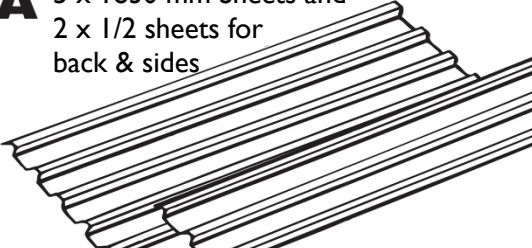

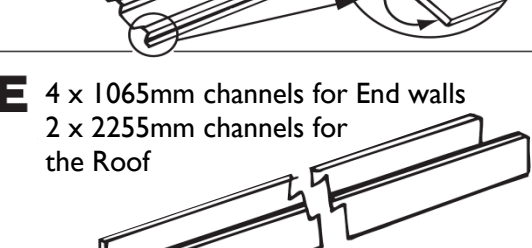
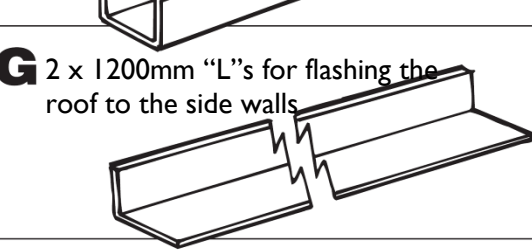



## What tools will I need?

- Drill and drill bits - 3.3mm (1/8th") for shed and 5mm (3/16th") for padbolt
- Screwdriver or Riveter. (Note: all colour sheds come with rivets only)
- Tape measure for roof overhang.
- Ladder for fixing down thru the top of the roof.
- Tin snips for a small nik on top channel of gable end walls only. (If applicable)
- Non slip gloves, good shoes, goggles, a helping set of hands and **no** gusty winds!

### Quick Tips to keep in mind as I build my shed:

- Try to remove swarf (drill filings) from panels as I assemble them.
- My basic job is to cap the sheeting to make the panels. Drill & Fix.
- All components are cut to length. **Do not** cut any parts unless instructed.
- They are only a phone call away **0800 807 433** or email to [info@gardenmastersheds.co.nz](mailto:info@gardenmastersheds.co.nz)
- Fixings thru the **inside** of the channels into the sheeting are just as **important** as the **outside**.

		Check List
<b>A</b> 5 x 1830 mm Sheets and 2 x 1/2 sheets for back & sides		<b>A</b>
		<b>B</b>
<b>C</b> 1 x 740mm wide sheet with door jamb attached		<b>C</b>
	<b>D</b> Door pre-hinged to 2nd 740mm sheet with door jamb	<b>D</b>
<b>E</b> 4 x 1065mm channels for End walls 2 x 2255mm channels for the Roof		<b>E</b>
	<b>F</b> 4 x 2255mm channels with ends cut for Front & Back walls	<b>F</b>
<b>G</b> 2 x 1200mm "L"s for flashing the roof to the side walls		<b>G</b>
	<b>H</b> 2 x 793mm Door spacers	<b>H</b>
<b>I</b> 1 x Pack of fixings with padbolt Screws for Zincalume sheds Rivets for Colour sheds 2 x "Z" Door braces		<b>I</b>



## Basic overview of what I am trying to achieve...

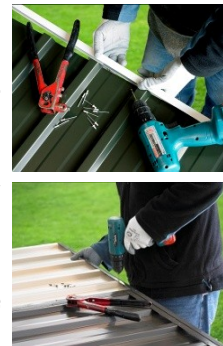
"For those of us who do not like reading instructions...."

Just join the sheets together and fit the channels to the top and bottom of the sheets as a framing to make 4 walls and the roof. Follow these basic steps:....

- 1. Front Wall:** Layout (C) sheet with door jamb attached and lay the (D) door with the sheet attached beside it. Cap the sheets with (F) 2255 channels (2 sided cutout - Top and 1 sided cutout - bottom). Use (H) Door spacers to make sure door fits gap OK (they sit on top of the jambs). Drill & fix (Rivet or screw) at every 2nd rib. Attach door spacer at each end thru door jambs and channels. 4 fixings underneath into sheeting pan top and bottom. Fit padbolt.
- 2. Back:** Join 3 (A) 1830mm Sheets together. Cap with (F) Channels and fix thru every 2nd rib and at least 1 fixing per sheet thru the back of the channel into the pan of the sheeting. **More in high wind areas.**
- 3. Roof:** Join 3 (B) 1200mm Sheets together. Cap with (E) 2255mm Channels. Fix @ every 2nd rib. Attach (G) 1200 "L"s to ribs at each end of sheeting at corners and 600mm apart in between.
- 4. End walls:** Join 1 & 1/2 (A) sheets together. Cap with (E) 1065mm channels and fix at corners and every 2nd rib in between. 2 -3 fixings up underneath into pan of sheeting, top and Bottom. Now the other end.
- 5. Assembly:** You have now made up your panels. It's just, Join the corners and put the roof on! Make sure you have at least 6 fixings down each corner when you join the walls. Fix one side of the roof on thru the (G) "L" into the top channel on one end wall approx 500mm apart. Check overhang and fix to the other end wall. You now need to fix down thru every 2nd pan in the roof into the top channels on the front and back walls. **More in high wind areas.** Please make sure that you have removed all swarf filings as the rust spots that they produce may hinder any warranty claims.

- Generally most fixings are spaced at 300mm apart
- Keep fixings 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 fixings is strongly recommended in high wind areas.

Rib  
Pan



## Detailed instructions with diagrams:....

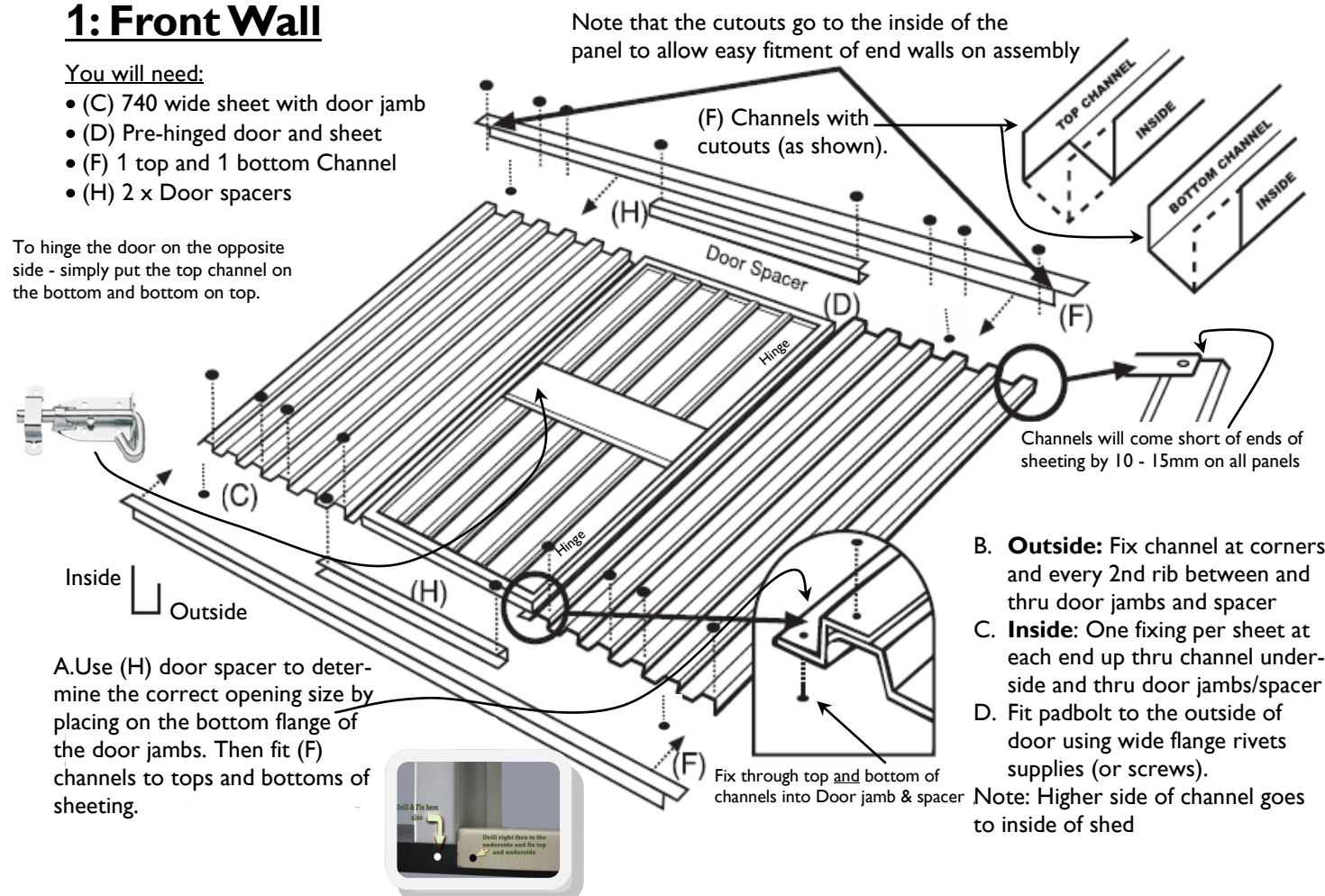
Drawings are diagrammatic and are not necessarily to detail.

### 1: Front Wall

You will need:

- (C) 740 wide sheet with door jamb
- (D) Pre-hinged door and sheet
- (F) 1 top and 1 bottom Channel
- (H) 2 x Door spacers

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

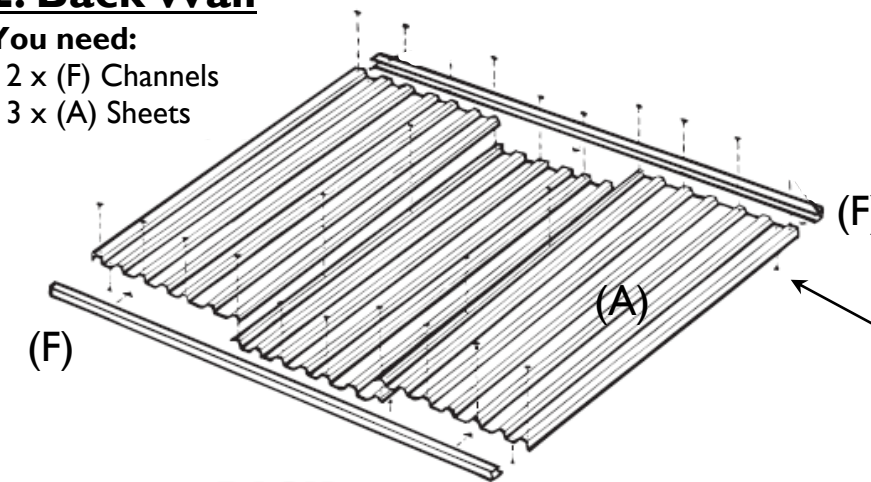


- Outside:** Fix channel at corners and every 2nd rib between and thru door jambs and spacer
  - Inside:** One fixing per sheet at each end up thru channel underside and thru door jambs/spacer
  - Fit padbolt to the outside of door using wide flange rivets supplies (or screws).
- Note: Higher side of channel goes to inside of shed

## 2: Back Wall

You need:

- 2 x (F) Channels
- 3 x (A) Sheets

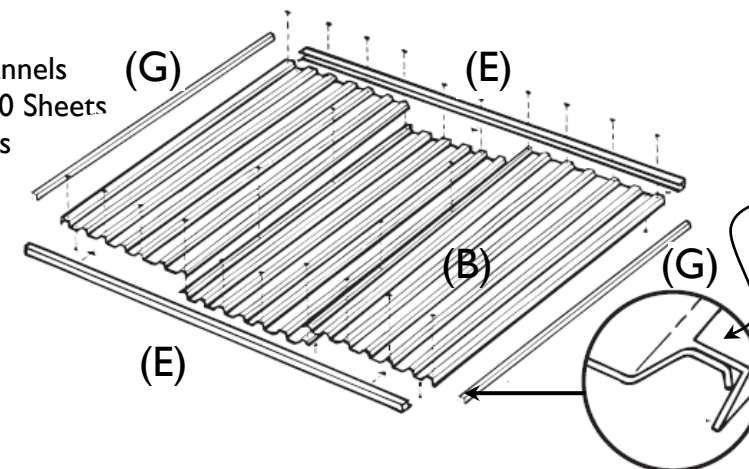


- Join 3 (A) sheets together with 2 fixings thru the overlapping ribs making sure the ends of the sheets are flush.
- Cap sheeting with (F) channels putting the cutouts top and bottom same as the front wall.
- Fix the channels thru the end ribs and every 2nd rib between.
- Make sure you put at least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

## 3: Roof

You need:

- 2 x (E) Channels
- 3 x (B) 1200 Sheets
- 2 x (G) "L"s

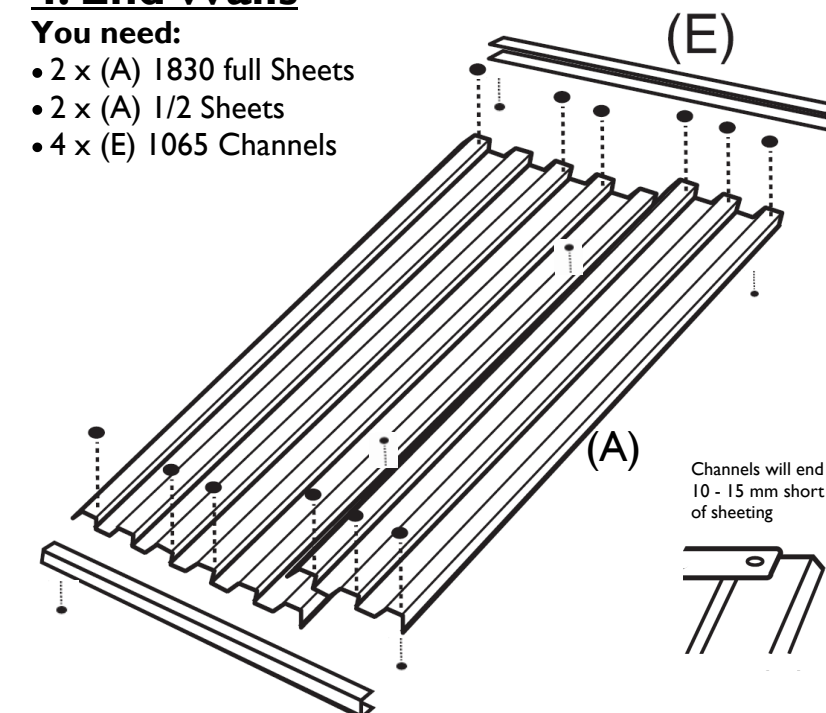


- Join 3 (B) 1200mm sheets together same as the back.
- Cap sheeting with (E) 2255mm channels.
- Fix the channels every 2nd rib but not the corners at this stage
- Place the short flange of the "L" on top of the rib at 1 end. Make sure ends are flush with sheeting and put 1 fixing in the centre to hold the "L". Fix the corners thru the channels and 1 more between the corner and the centre fixing. Perform the same at the other end. 5 fixings ea "L"

## 4: End Walls

You need:

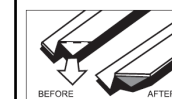
- 2 x (A) 1830 full Sheets
- 2 x (A) 1/2 Sheets
- 4 x (E) 1065 Channels



- Join 1 & 1/2 (A) sheets together thru overlapping ribs.
- Cap sheeting with (E) 1065mm channels.
- Fix the channels at the corners and every 2nd rib in between.
- 3 fixings up underneath thru channel into pan of sheet
- Perform the same again for the other end.

## Door Brace Kit

- The Door braces can be fitted now or after you have assembled your shed.
- 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.
- Fix the "Z"s at the ends and in the centre to the channel it is tucked under and thru the overlap in the centre. 2 or 3 more rivets will be required thru the door sheeting into the "Z", but they will need to be fixed through from the outside of the door for neater appearance.
- You may need to cut or bend the flange at the bottom and top of the "Z" if it catches on door jamb when opening or closing.



Padbolt

"Z" Brace

