

GS512-V1

GARDEN SHED OWNER'S MANUAL AND ASSEMBLY INSTRUCTIONS

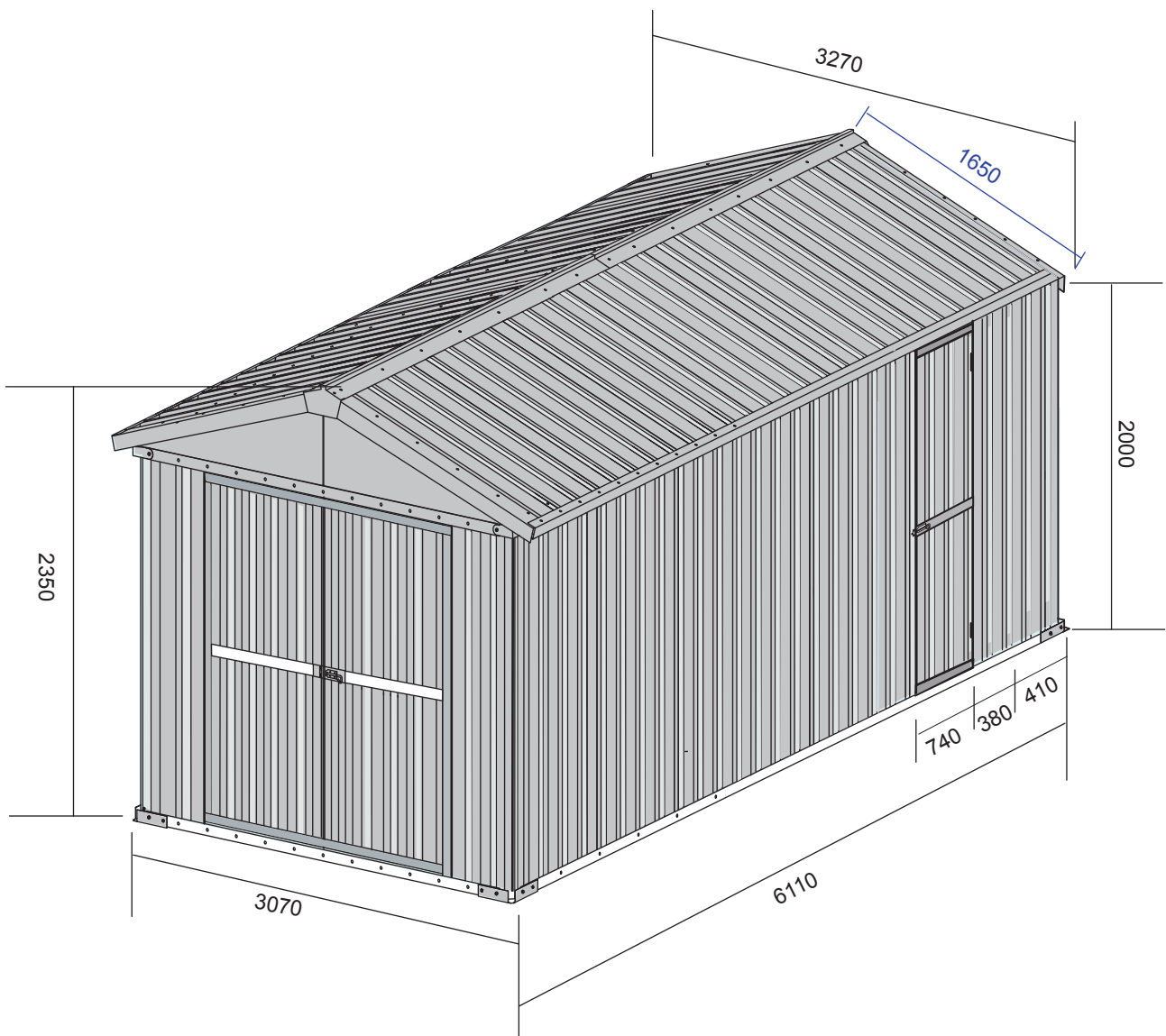
overall size: 3270 x 6110 x 2350mm

shed size: 3070 x 6110 x 2300mm

door size 1: 740 x 1950mm

door size 2: 1480 x 1950mm

floor size: 3030 x 6070mm



GARDEN SHED OWNER'S MANUAL AND ASSEMBLY INSTRUCTIONS

tradetested

TRADE PRICES DELIVERED NATIONWIDE

Before You Begin

- Check local building codes regarding shed location and any other local requirements.
- Check the packing list on page iv to make sure you have all of the necessary parts.
- Separate everything in the cartons by the part number while reviewing the parts list.
- Be sure the day you select to build your shed is dry and calm.
- Whenever possible, two or more people should work together to assemble the shed.
We suggest that one person positions parts while the other handles the fasteners and tools.

Selecting & Preparing Your Site

Before assembly, decide on a location for your building. We recommend a level area with good drainage. Allow enough space around the building so there's plenty of room to screw the panels and then move the different parts into position. Remember to leave plenty of room for the door to fully open.

You Will Need...

- An electric drill/driver
- A Phillips screwdriver
- Gardening or work gloves
- Sealant or caulking gum (optional)
- Step ladder
- Tape measure

Safety First

Safety precautions are important to follow throughout the construction of your building.

- Take care when handling the various pieces of your building since some contain sharp edges. Please wear work gloves, eye protection and long sleeves when assembling or performing any maintenance.
- Keep children and pets away from your worksite to avoid distractions and any accidents.
- Never concentrate all your weight on the roof of the structure. When using a step ladder make sure it's fully open and on a level surface.
- To avoid any damage, do not attempt to assemble the building on a windy day. The larger panels can act as sails making construction difficult and unsafe.

Flooring & Foundations

A solid shed starts with a level floor and foundation. This is the single most important factor in making your shed as watertight and stable as possible. It also makes the assembly process as simple as possible. We recommend the following foundation options:

OPTION 1 - WOODEN FLOOR

We sell wooden floor kits designed to match your shed. Alternatively you can build your own using H4 treated bearers and timber floorboards.

OPTION 2 - CONCRETE SLAB

For a more permanent solution, or for large sheds, we recommend a concrete foundation.

Regardless of which flooring option you choose

- Build on a compacted and levelled base layer
- Plastic sheeting placed under the wood or concrete will prevent moisture wicking through
- We recommend the foundation is the same size as the footprint of your shed to prevent water ingress

Assembly Overview

Step 1: Check all parts against the component list

Step 2: Assemble the rear wall panels

Step 3: Assemble the side wall panels

Step 4: Assemble the front wall panels

Step 5: Constructing the walls and gables

Step 6: Assemble the ridge beam

Step 7: Assembling the Support square tube

Step 8: Assemble the roof

Step 9: Fitting Wall Bracing

Step 10: Assemble the door

Handy Tips Before You Begin

How to drill rivet holes in panels – Use a 4.2mm drill bit, set your drill clutch to the drill bit icon. Make a mark where you want to drill and use this to start the hole.

Drilling tek-screws – Drilling tek screws into the panels can sometimes cause the corrugation to buckle in, making it tricky to get the screw all the way in. An easy fix for this is to place a small block of wood underneath the corrugation as you drill, providing support for the panel until the screw is all the way in. Make sure the block is not directly underneath the screw.

How to remove rivets if needed – Don't worry if you have placed a rivet incorrectly or you need to adjust a panel, they are easy to remove. Just drill directly through the top of the rivet using the same drill bit you used to make the hole. This will remove the rivet head, causing the whole rivet to fall out.

OTHER TIPS

- Very Important – make sure you remove metal drill filings to prevent corrosion and scratches. Removing metal filing and avoiding scratching the shed during assembly will help prevent any corrosion later on.
- Peel off part number stickers and clean with soap/water.
- Use silicone to further weatherproof seals around the shed (not included).

ASSEMBLY INSTRUCTIONS

GS512-V1

STEP 1 Check all parts against the component list

PARTS LIST

Please check your contents prior to starting assembly

ITEM	NAME	SIZE (mm)	QTY	PART #
1	Front Wall	410 x 2000	2	W200
2	Rear Wall	410 x 2000	8	W200
3	Roof Panel	410 x 1650	32	P165
4	Side Wall	410 x 2000	30	W200
5	Rear Wall Channel	1550	4	U155
6	Side Wall Channel	1550	16	U155
7	Roof Channel	1550	8	U155
8	Roof Channel	1650	4	G165
9	Front Wall Channel	1550	4	U155
10	Left Door Frame	2000	2	ML200
11	Right Door Frame	2000	2	MR200
12	Door Top Frame	2245	1	Z224
13	Door Bottom Frame	2245	1	U224
14	Door Top Frame	745	1	Z0745
15	Door Bottom Frame	745	1	U0745
16	Ridge Beam	1150	2	C115
17	Ridge Beam	1530	4	C153
18	Ridge Beam	1900	2	C190
19	Gables	1530	2	F153
20	Gables	1530	2	B153
21	Gables Bracket	420	2	U042
22	L Bracket LEFT	300 x 120	2	L030(L)
23	L Bracket RIGHT	300 x 120	2	L030(R)
24	Roof Tiles	1550	4	V155
25	Galvanized square tube	1740	6	X174
26	Galvanized square tube	1760	6	X176
27	Galvanized square tube	2010	4	X201
28	Galvanized square tube	2250	1	X225
29	Wall Bracing	1500	12	Z150
30	Bracket		22	
31	Flat fastener		4	
32	Corner Anchor		4	
33	Hook Anchor		12	
34	Tek Screws		610	
35	Wood Anchor Screws		15	
36	Rivet		260	
37	Corner Cover		4	
38	Spacer		260	
39	Rivet Gun		1	
40	Tek Screwdriver Bit		1	
41	φ4.2 Drill Bit		1	
42	Screw Head Sheath		150	
43	Phillips Head Screws		26	
44	Plastic Ridge End Cap		2	
45	Bolt and Nut		10	
46	Expansion screw (M10x80)		12	

DOOR PART

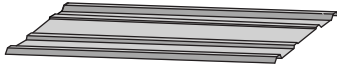
ITEM	NAME	SIZE (mm)	QTY	PART #
47	Door Panel	410 x 1950	5	E195 x 410
48	Door Panel	350 x 1950	3	E195 x 350
49	Door Channel	740	2	U074
50	Door Channel	1120	4	U112
51	Door Channel	1950	6	U195
52	Door Square tube	1930	3	D193
53	Door Bar	740	1	H074
54	Door Bar	1120	2	H112
55	Door Brace	1450	4	Z145
56	Door Brace	1110	2	Z119
57	Bolt (door outside)		2	Bolt (door outside)
58	Bolt (door inside)		1	Bolt (door inside)
59	Hinge		6	Hinge



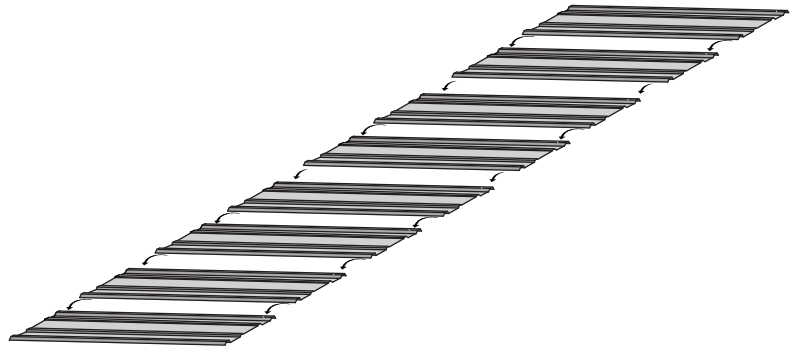
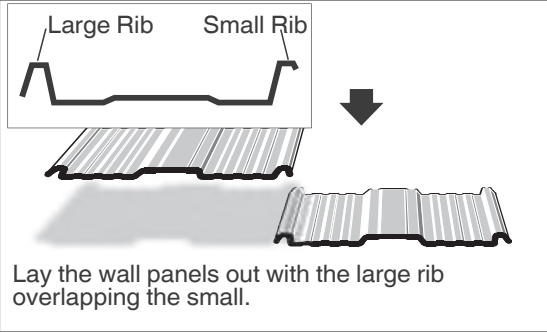
If you're missing anything, just head to the Trade Tested website and get in touch.

STEP 2 Assemble the rear wall panels

a

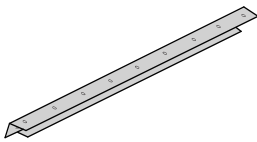


Part #W200 x8

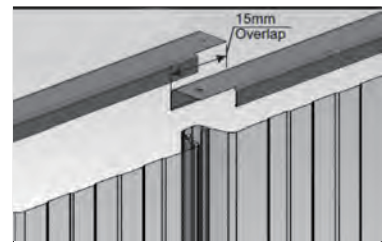
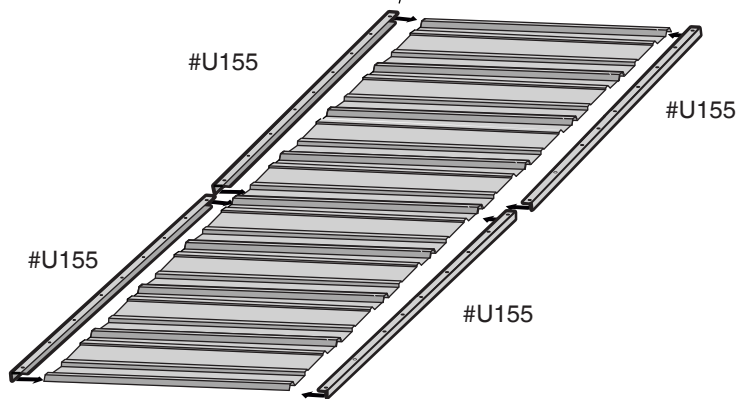
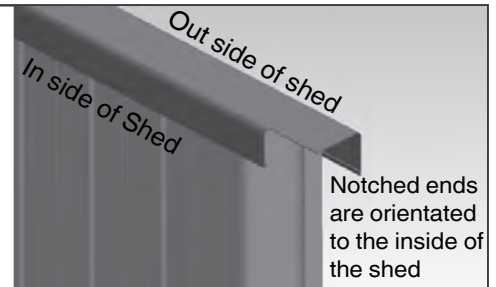
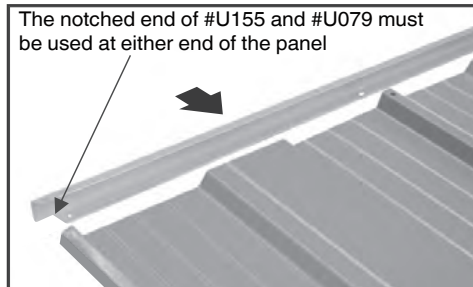


i All panels should overlap by one corrugation.

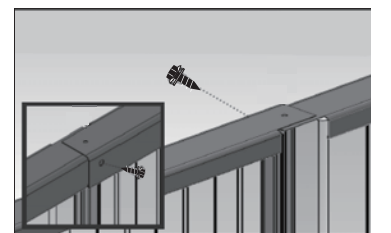
b



#U155 x4



U-channel joint



Drill screw in joint

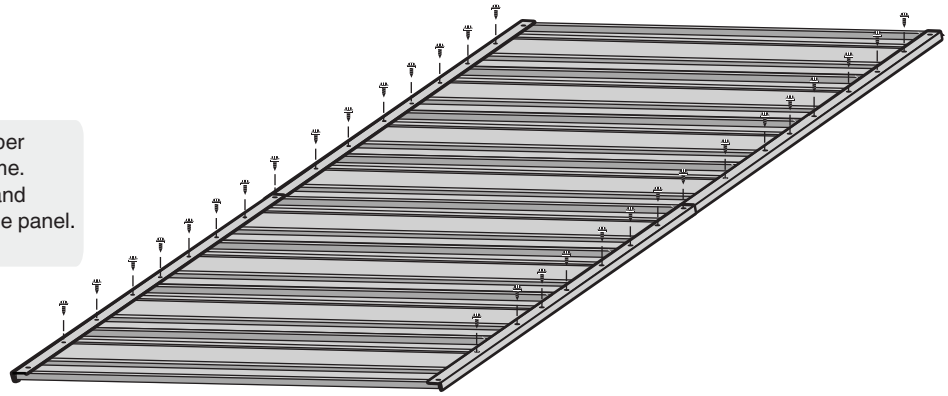
i All pre-drilled holes should line up with the peaks of the steel sheet. If this varies squeeze together or stretch out the panels to make sure they line up.

C



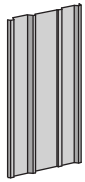
Tek Screw

Screw from the outside in, as per the pre-drilled holes in the frame. Do not add screws to the top and bottom holes at each end of the panel. These need to be left undone.

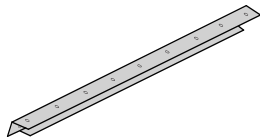


STEP 3 Assembling the side walls

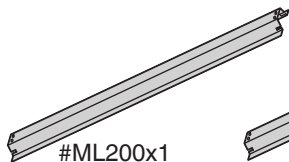
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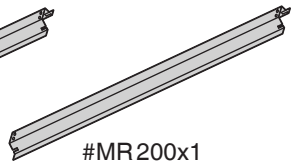
#W200x30



#U155x16



#ML200x1



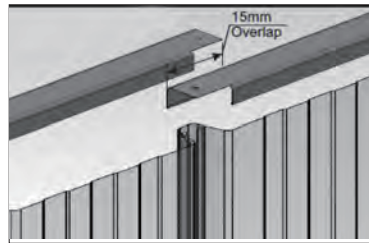
#MR200x1



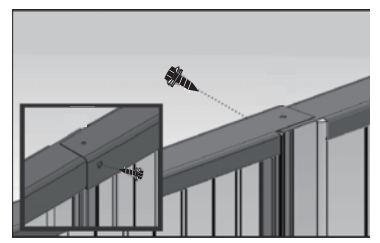
Joint outside



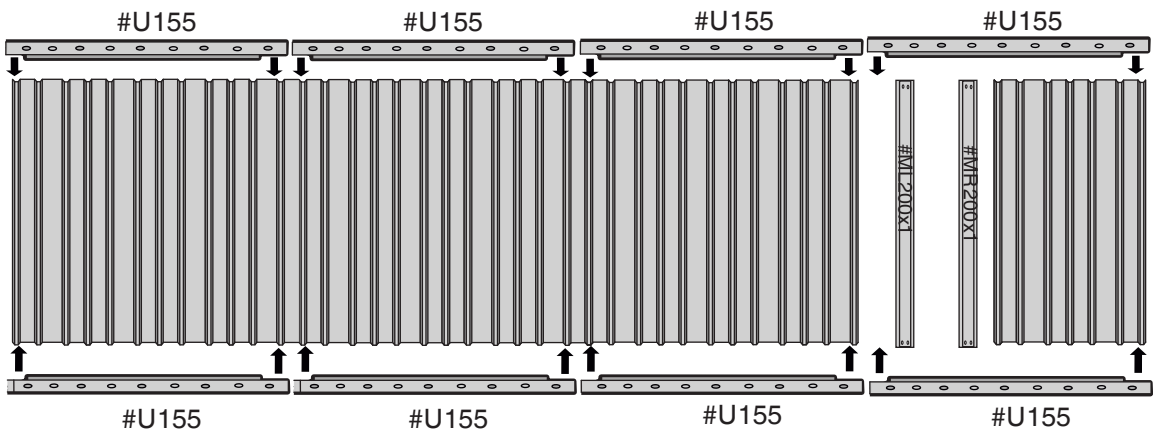
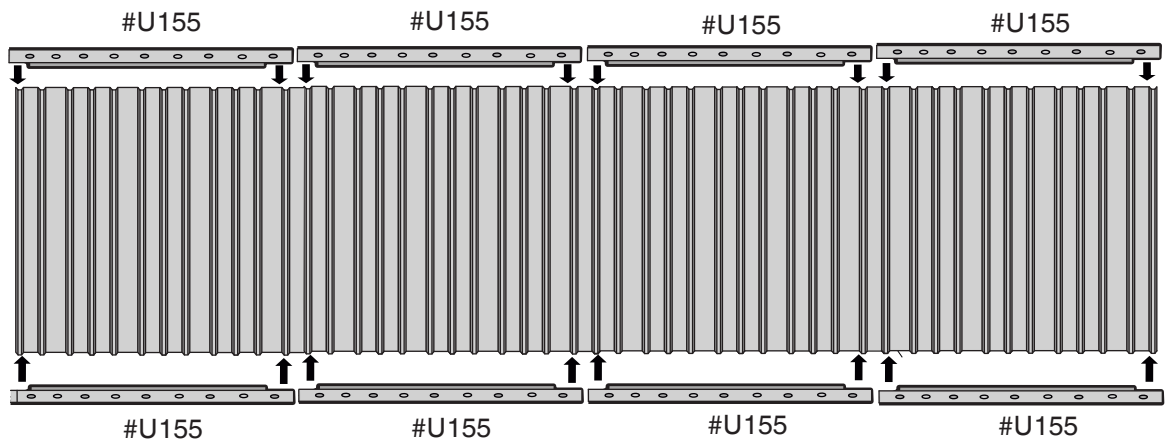
Joint inside

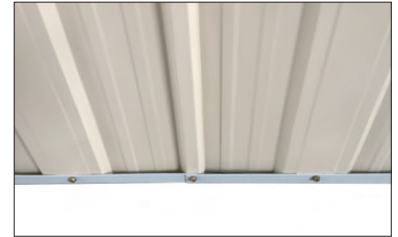
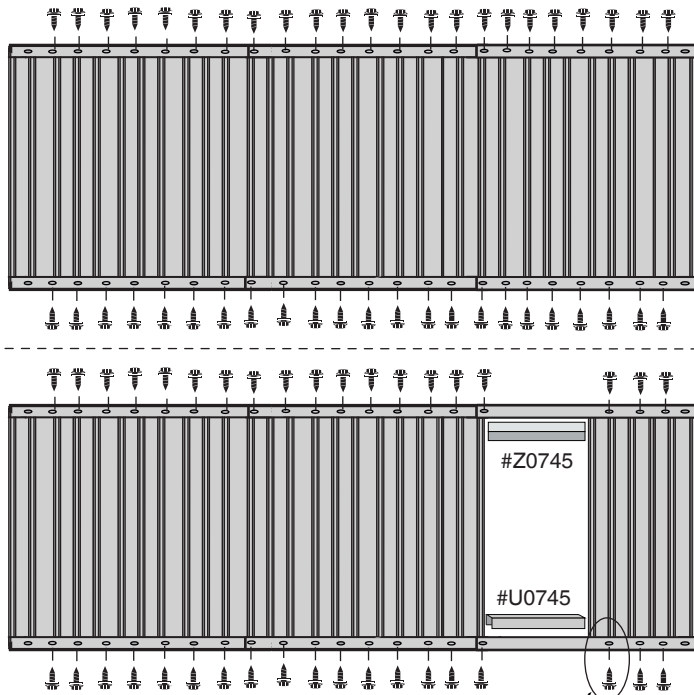


U-channel joint



Drill screw in joint

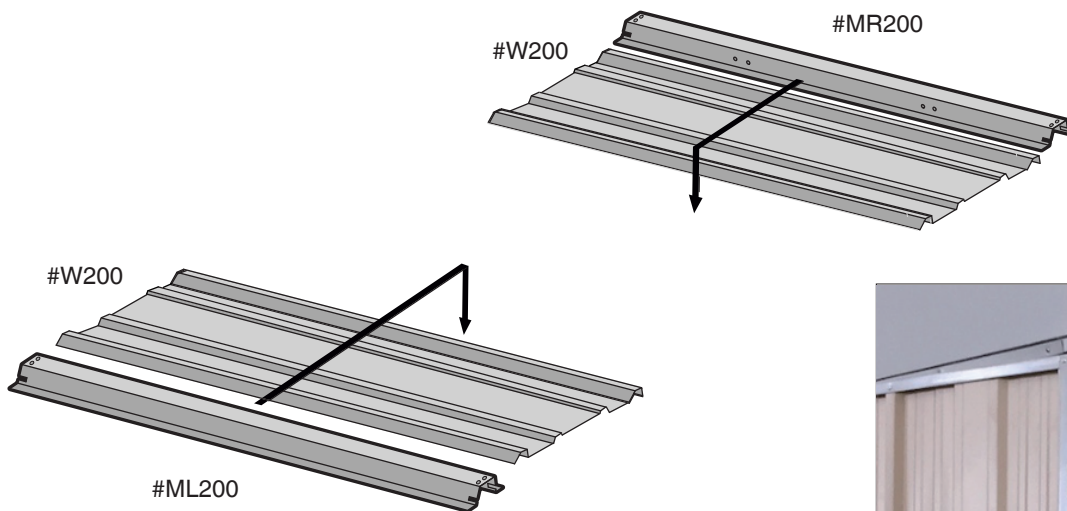
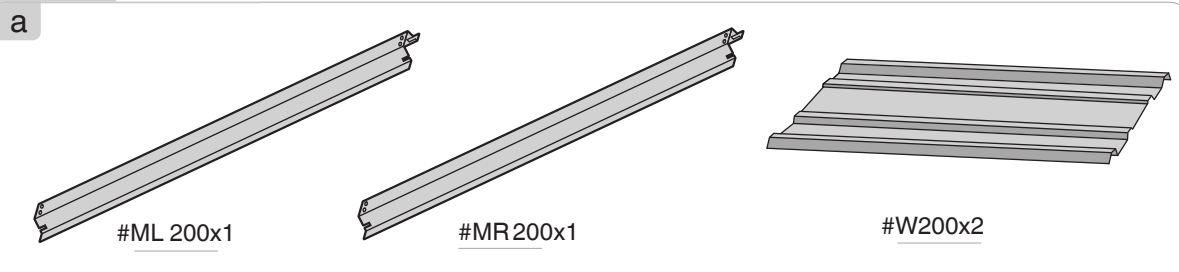




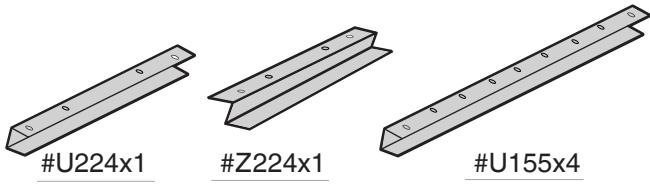
Leave the left and right door frames (#MR180, #ML180) un-fastened at this stage. This will help with any adjustments needed later on. Once the door positioning is finalised, add the necessary screws.

i All pre-drilled holes should line up with the peaks of the steel sheet. If this varies squeeze together or stretch out the panels to make sure they line up. Do not add screws to the top and bottom holes at each end of the panel. These need to be left undone.

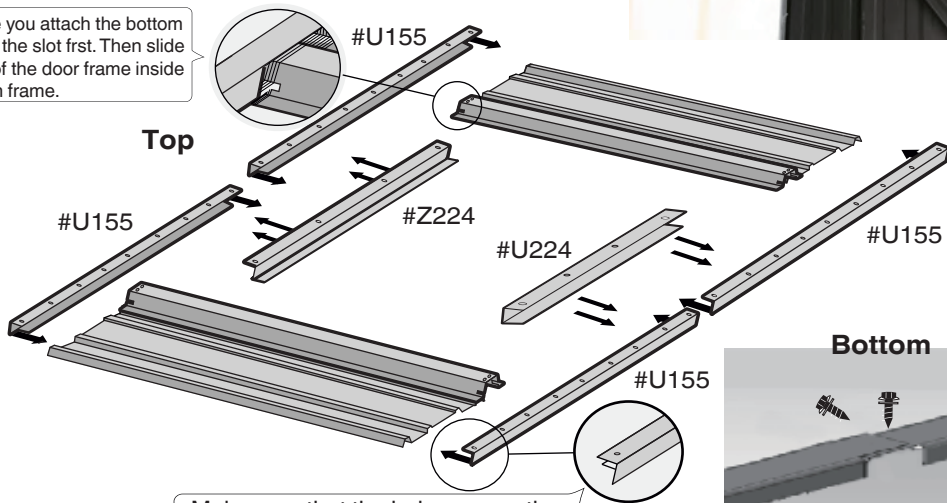
STEP 4 Assemble the front wall panels



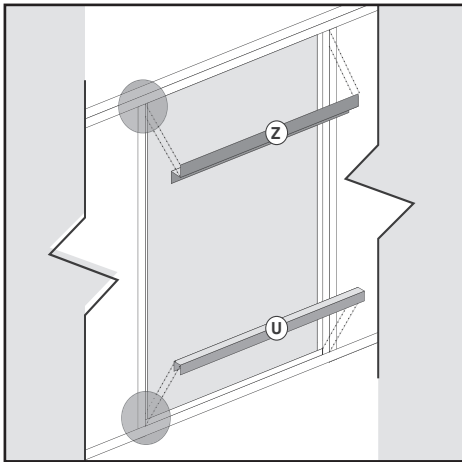
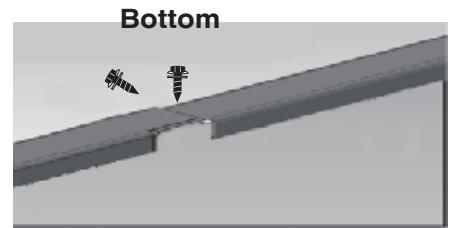
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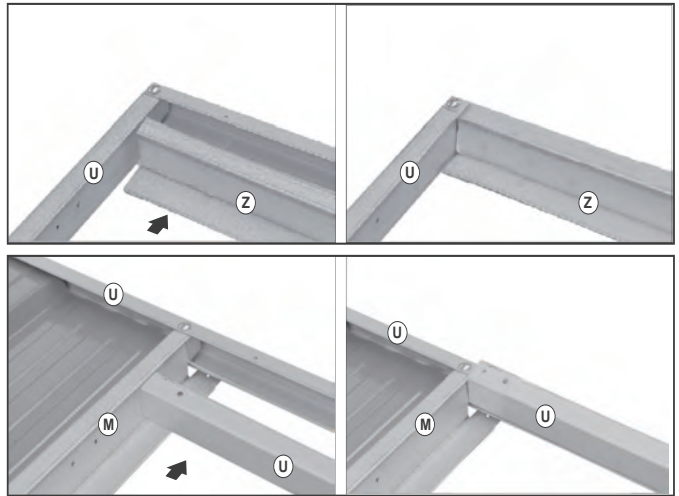
Make sure you attach the bottom frame into the slot first. Then slide the base of the door frame inside the bottom frame.



Make sure that the holes are on the correct side before fixing in place.



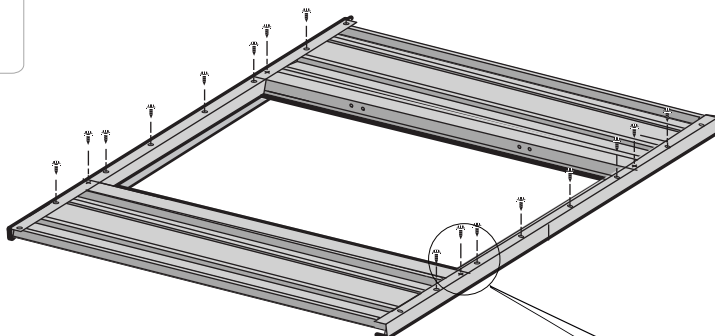
Fit the top door spacer and the bottom door spacer to the front wall panel as shown. Some pilot holes may need to be drilled



c



Tek Screw

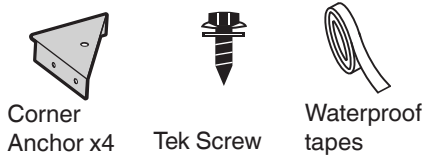


Do not add screws to the top and bottom holes at each end of the panel. These need to be left undone.

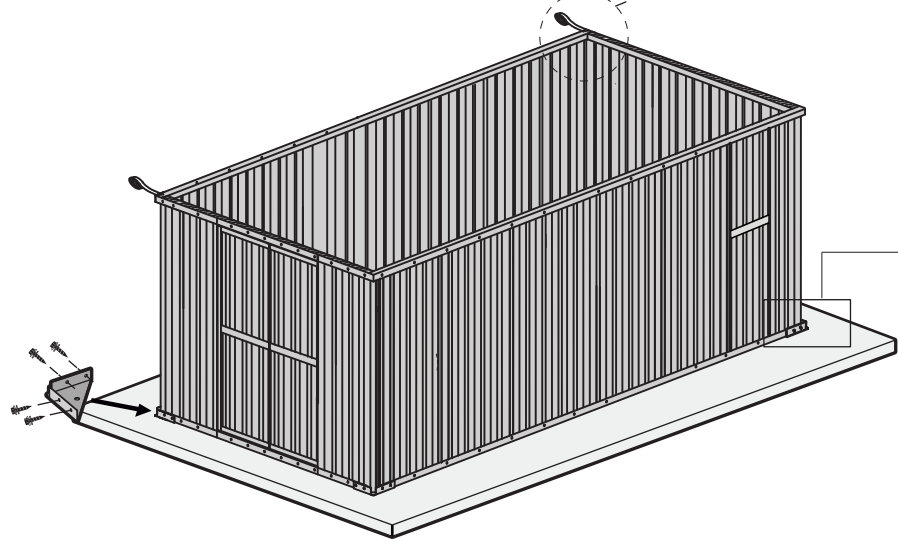
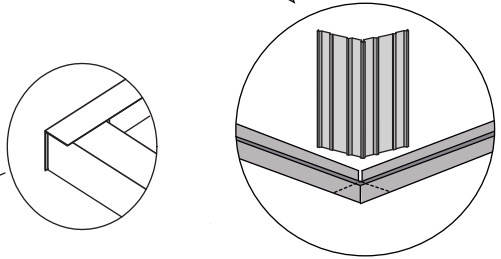
Leave the left and right door frames (#MR200, #ML200) un-fastened at this stage. This will help with any adjustments needed later on. Once the door positioning is finalised, add the necessary screws.

STEP 5 Constructing the walls and Gables

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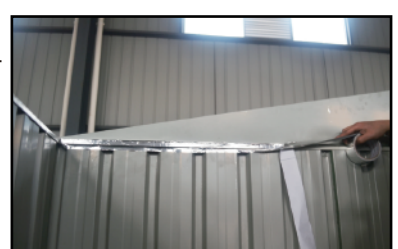
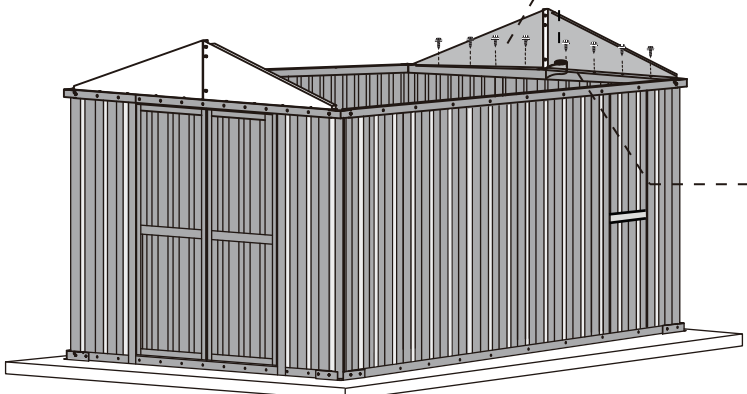
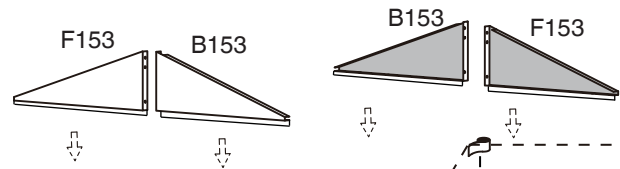
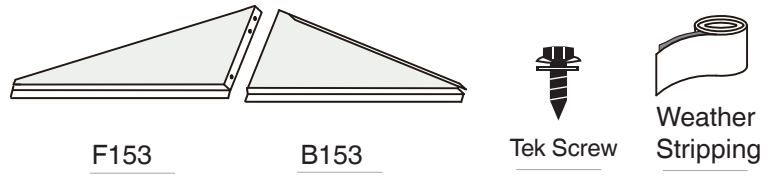
To form a flush corner, make sure flaps overlap.



To form a flush corner connection, make sure the end corrugations overlap as shown above. When adding the lower corner brackets, place a spirit level or block of wood underneath the corner of the shed. This will ensure that the two walls being connected stay square as you drill the screws in.

OPTIONAL - Once you have all four walls up and secure, we suggest that you run sealant between the overlapping panels on each corner of the shed. This will protect it from heavy weather. Afterwards, tack the sheets together down the length of each corner.

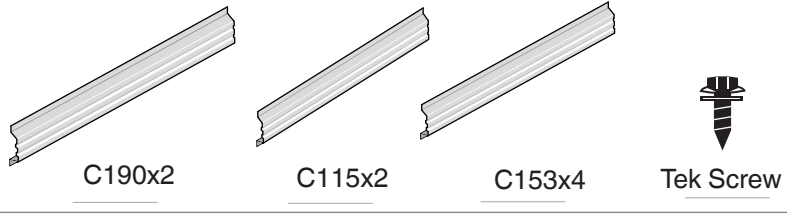
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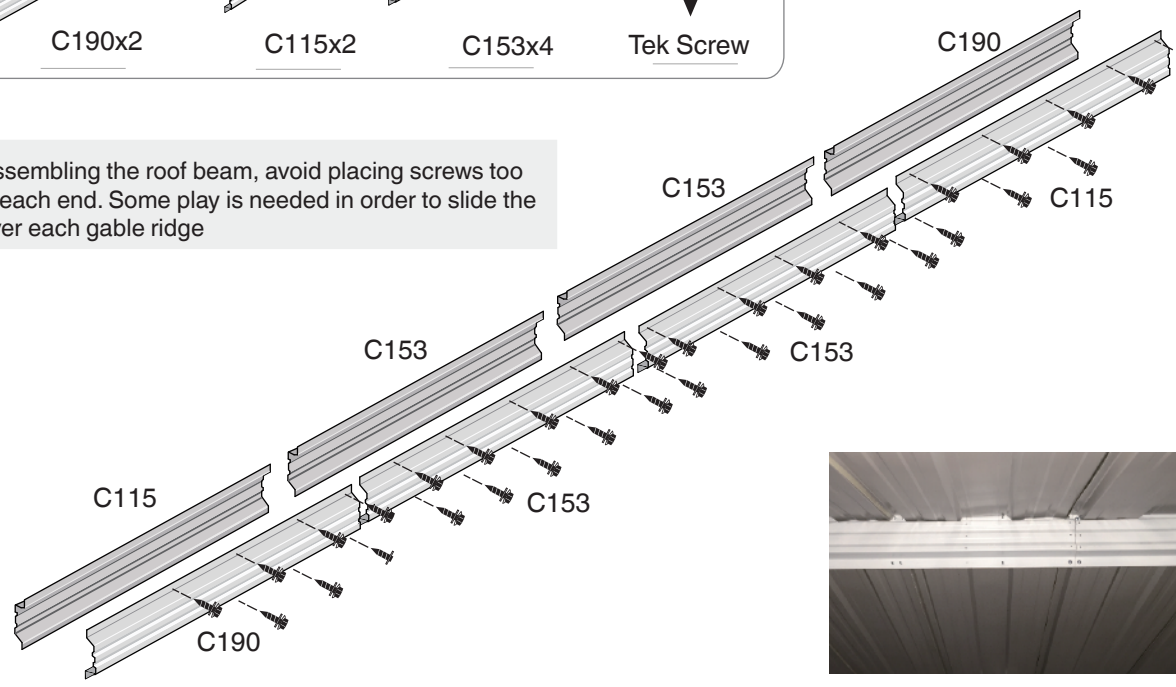
Use weather stripping before assembling roof panel

STEP 6 Assembling the ridge beam

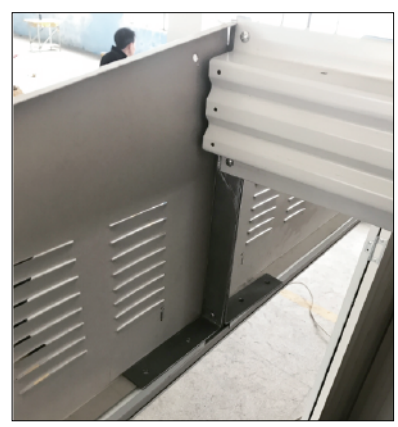
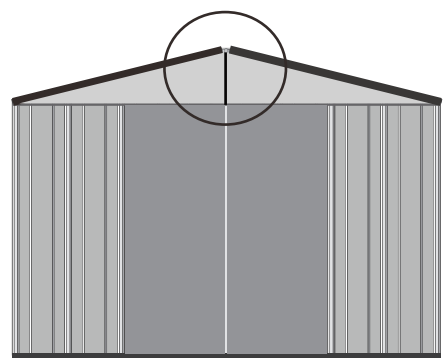
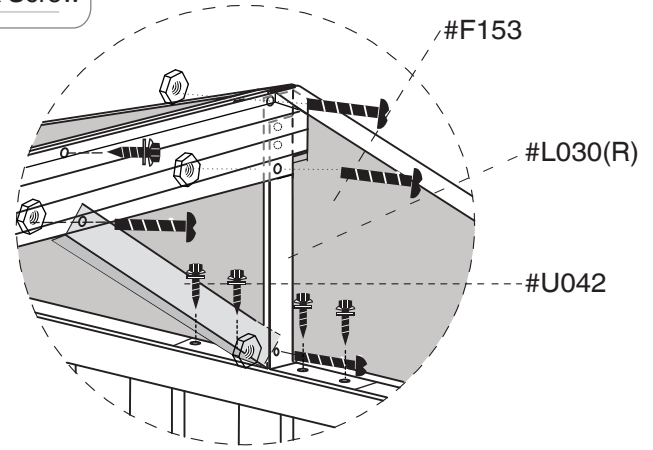
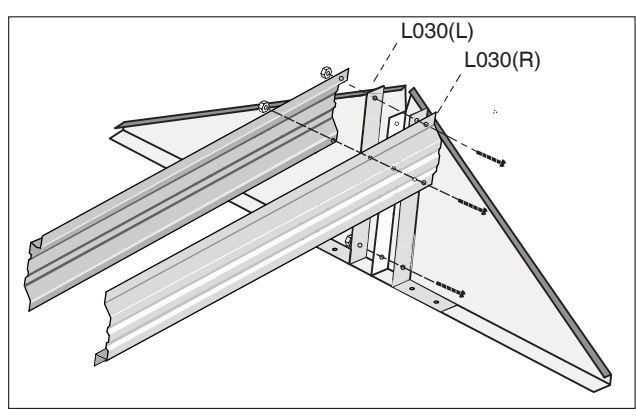
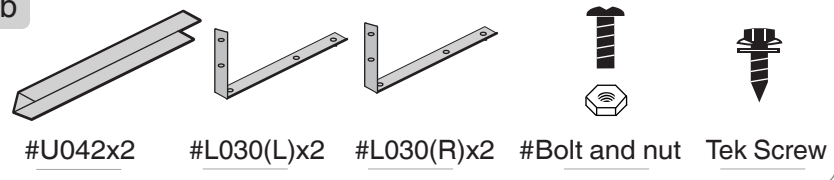
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i When assembling the roof beam, avoid placing screws too close to each end. Some play is needed in order to slide the beam over each gable ridge

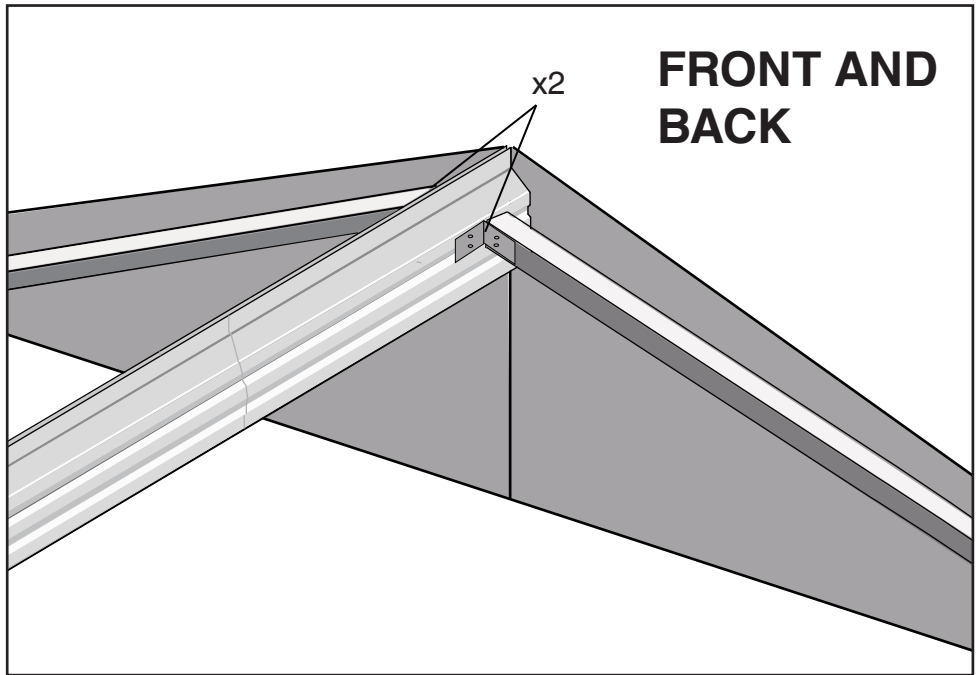
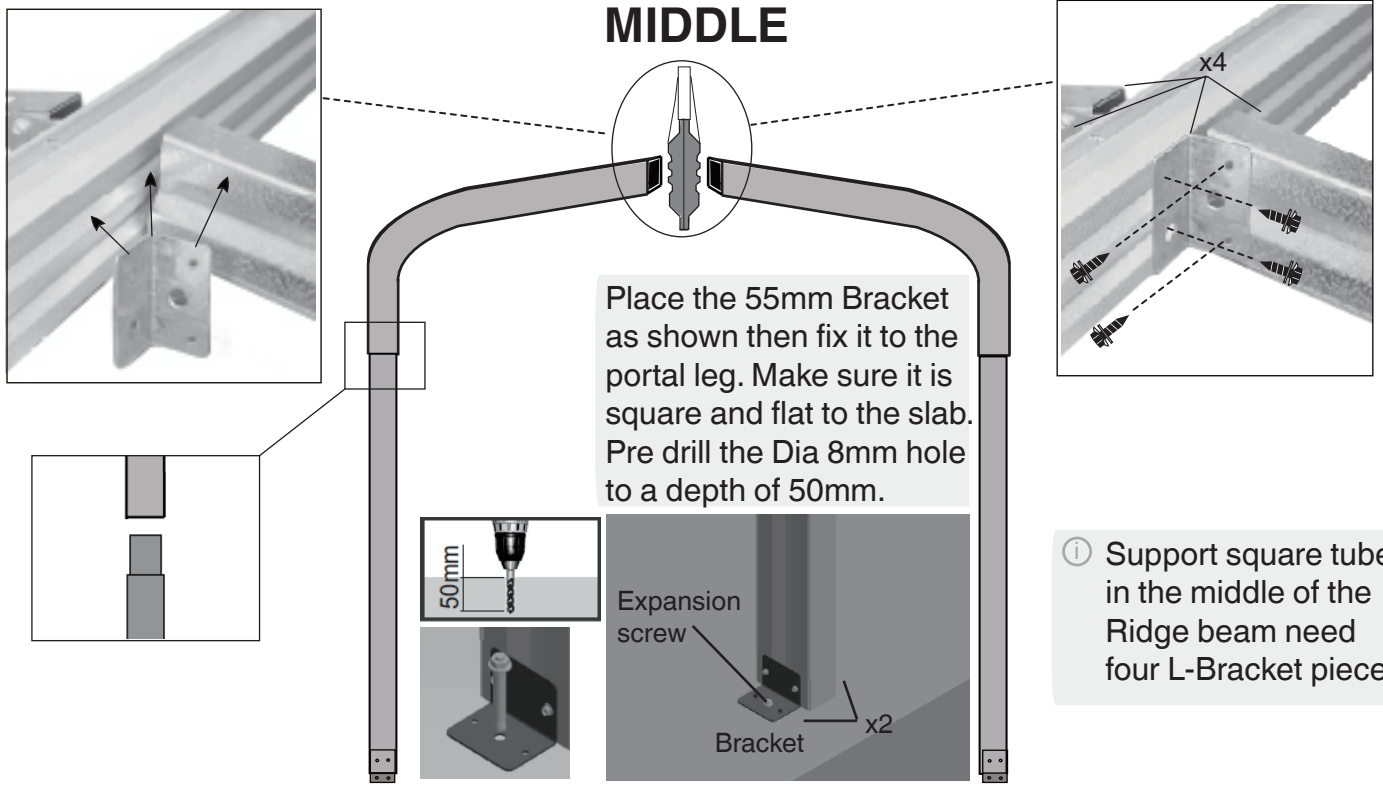
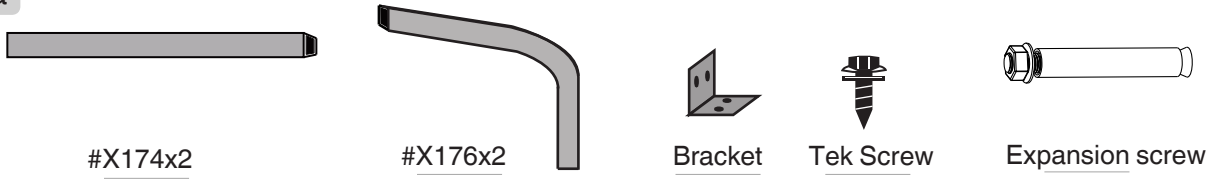


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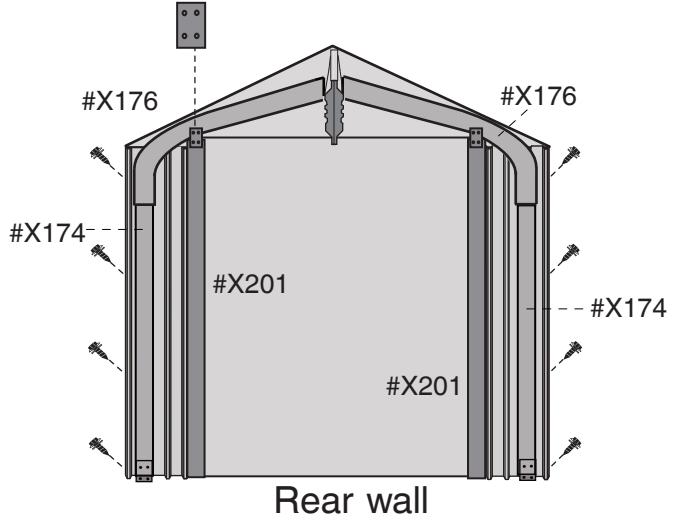
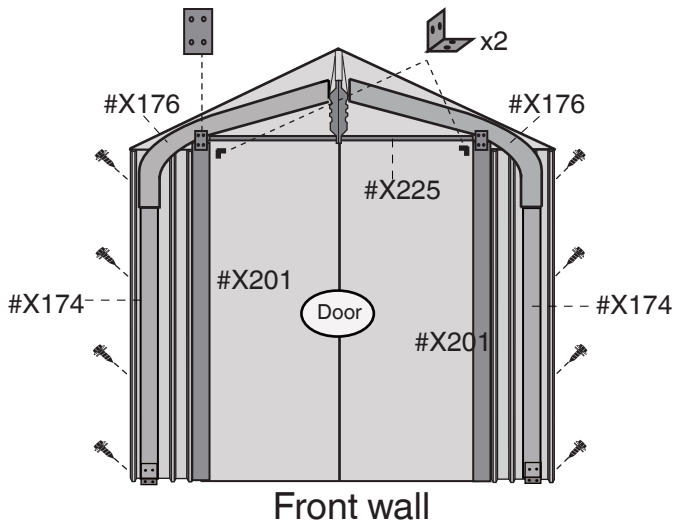
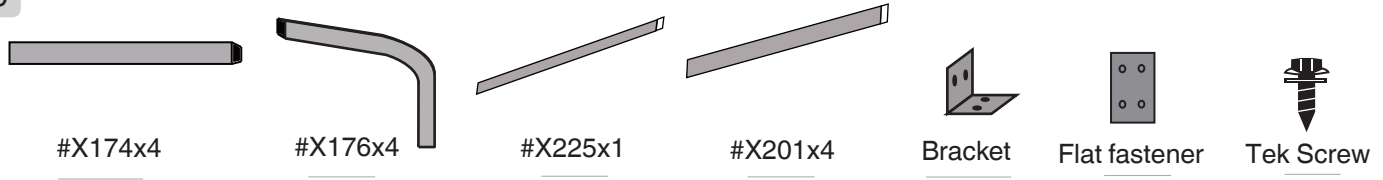
STEP 7 Assembling the Support square tube

a

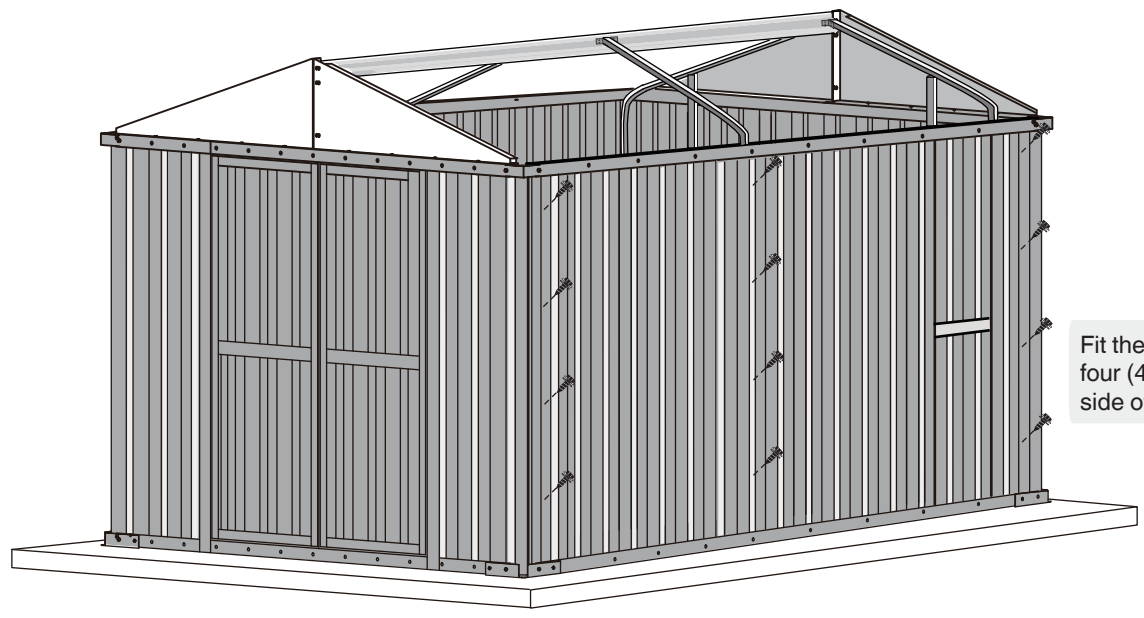


ⓘ Before and after the Support square tube of the wall just need two L-Bracket piece to links

b



i The Bracket and Flat fasteners need very strong And Need from exterior wall retaining screw to X201



Fit the Square tube using four (4) screws on either side of the side wall

i And Need from exterior wall retaining screw to X174 and X176

STEP 8 Assembling the roof

a



#P165x32



#V155x4



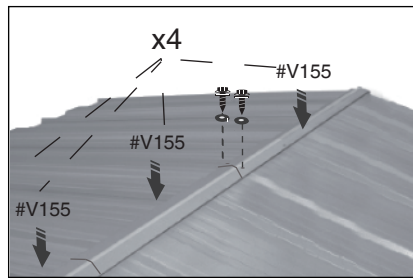
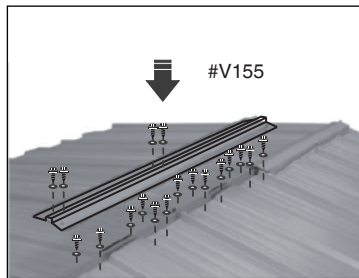
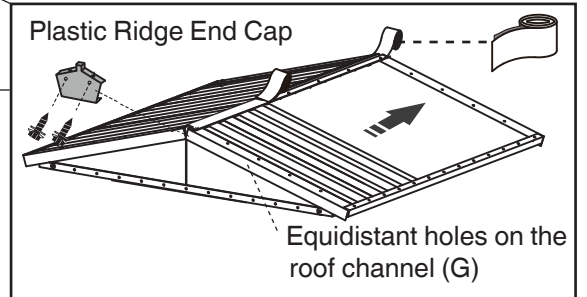
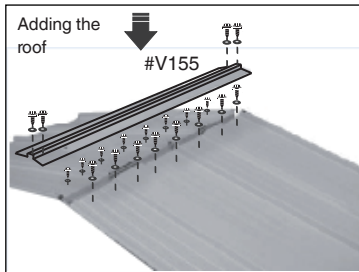
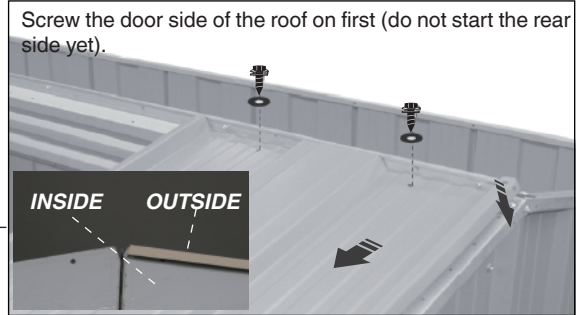
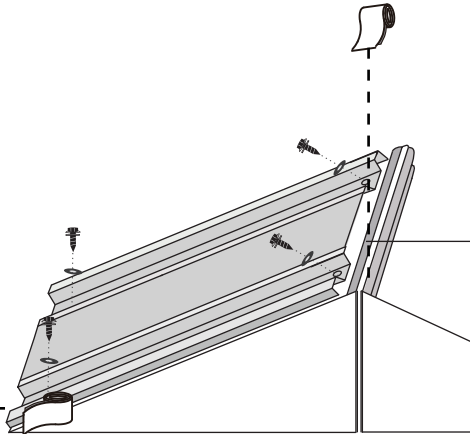
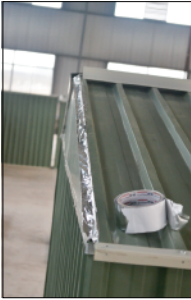
Tek Screw



Weather Stripping



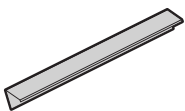
Plastic Ridge End Cap



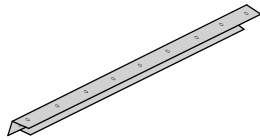
When attaching roof panels, align them to the central roof beam, NOT to the walls as these may shift during final fixing. Screw the panels to the central beam first, this leaves some play available should you need to adjust the roof or walls to ensure the best possible fit. Secure the roof to the wall channels when everything is square.

i

b



#G165x4



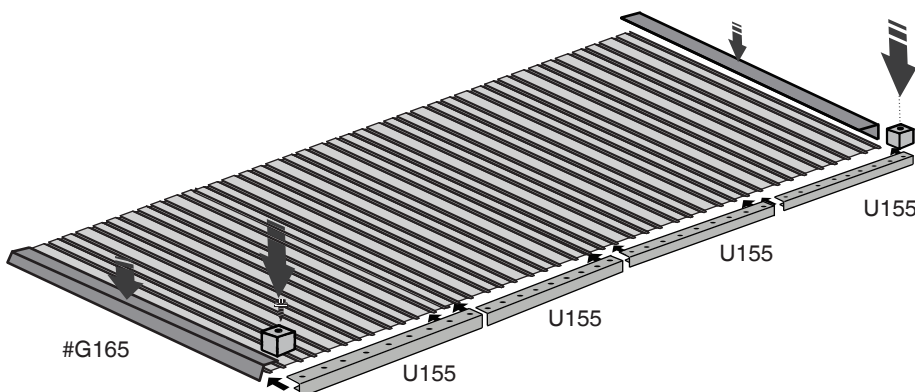
#U155x8



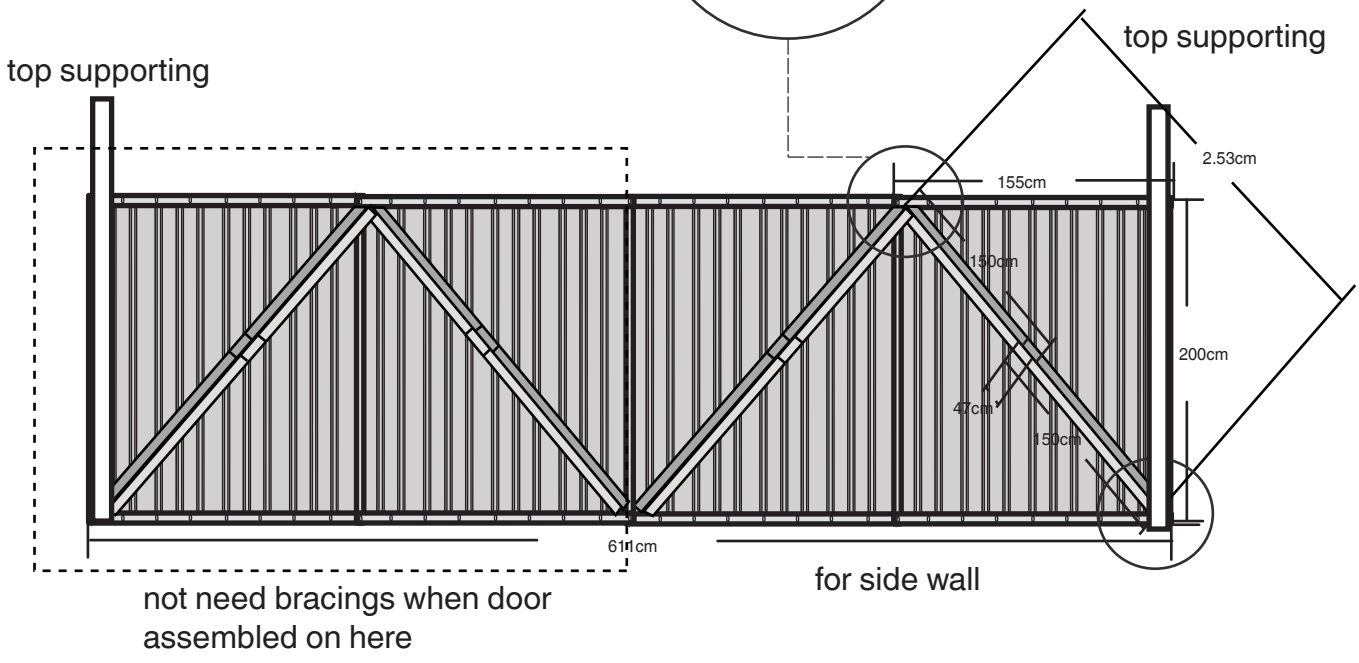
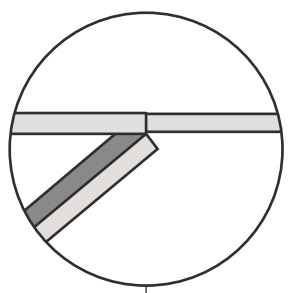
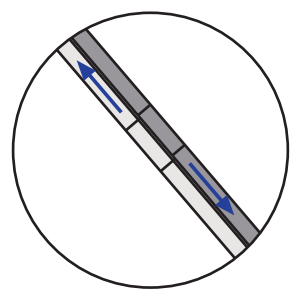
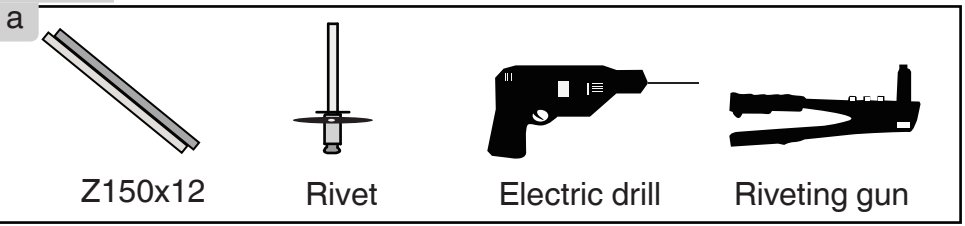
Corner Cover



Tek Screw



STEP 8 Fitting Wall Bracing



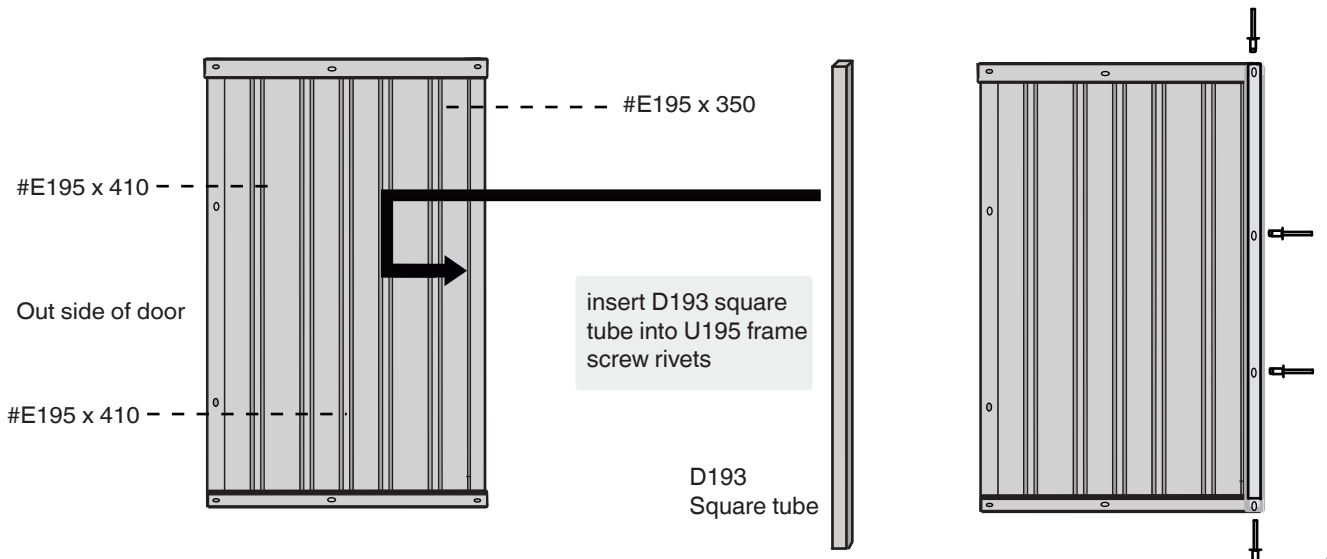
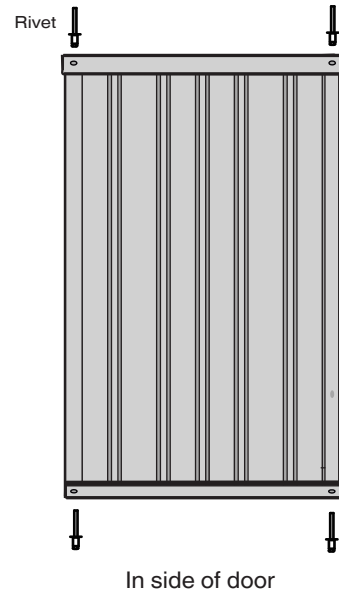
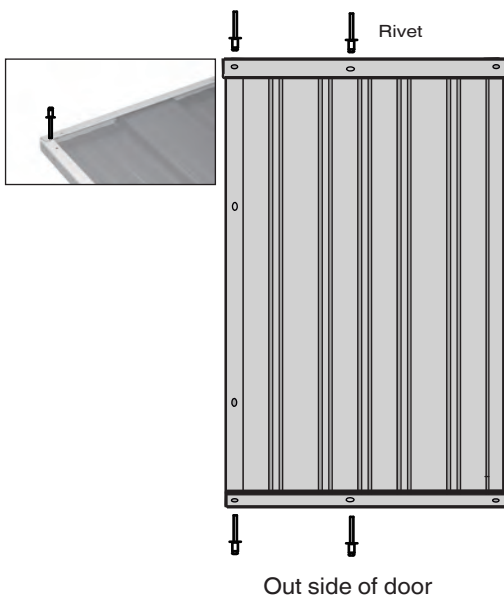
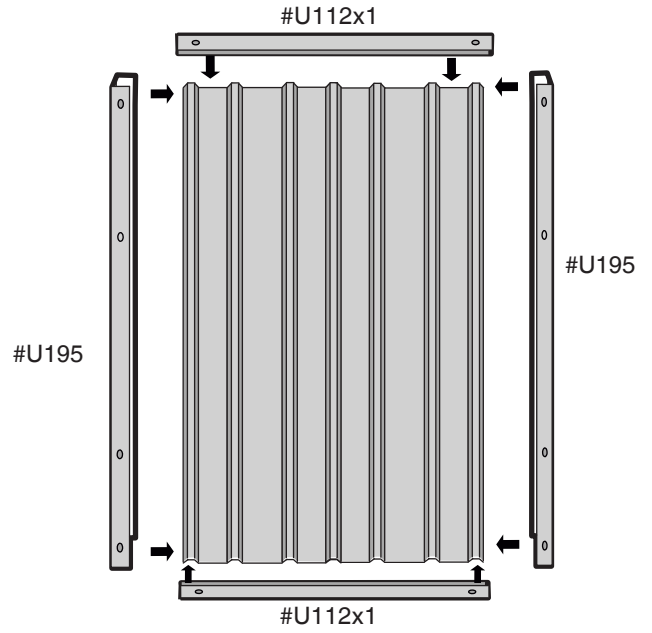
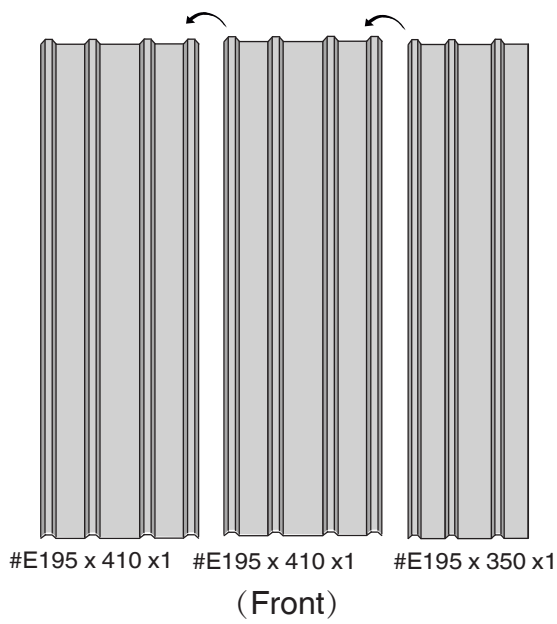
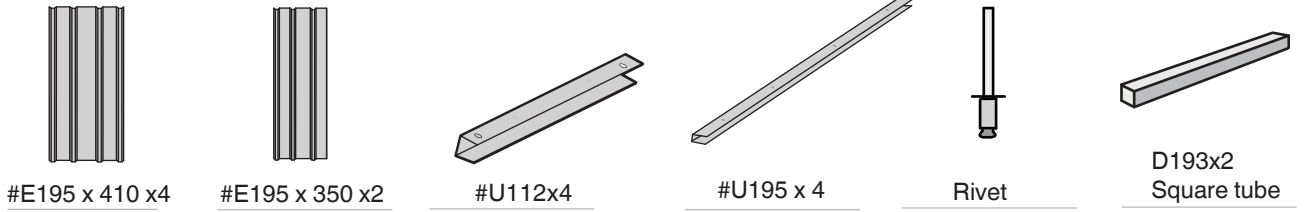
First drill a hole from inside of wall panel, then fixed by revits from outside. please make 2 holes in middle of connection point and other equidistant holes for the rest of brace.

Take care to ensure that both ends of brace need insert into wall chanel when wall brace fit on wall channel.

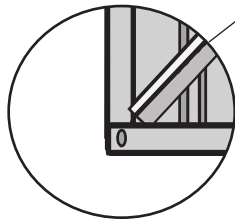
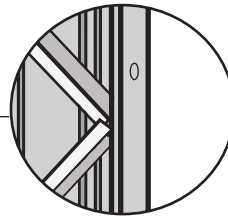
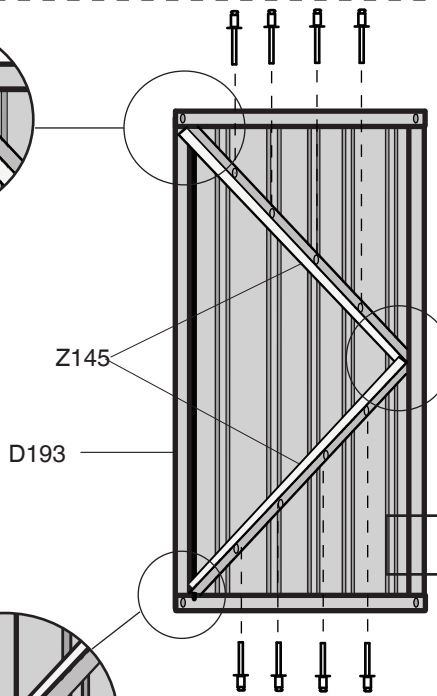
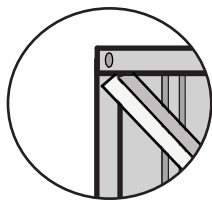
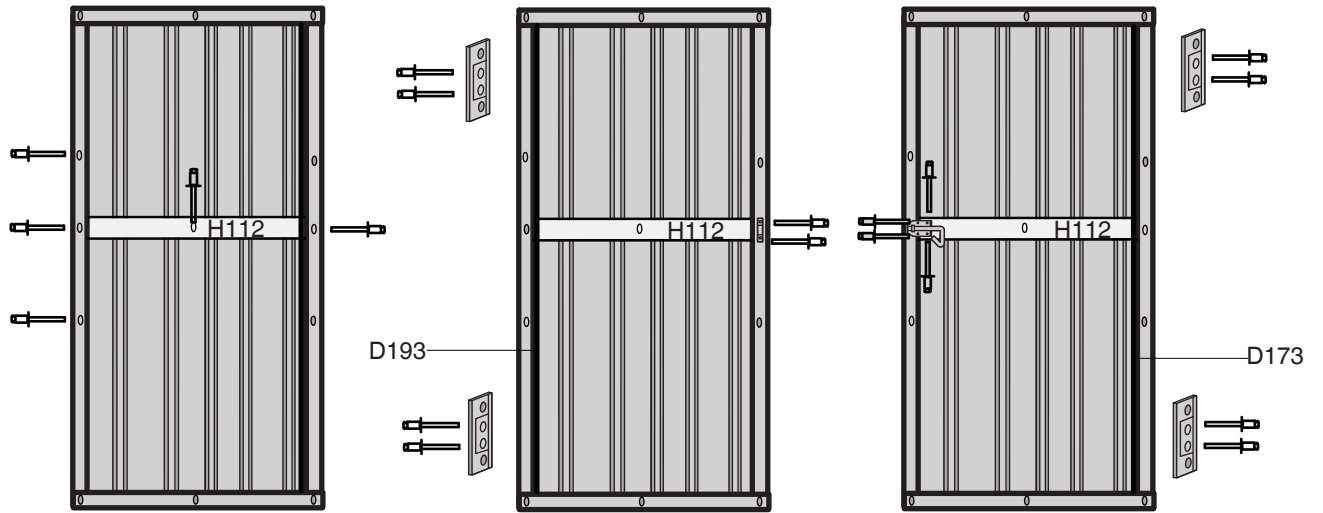
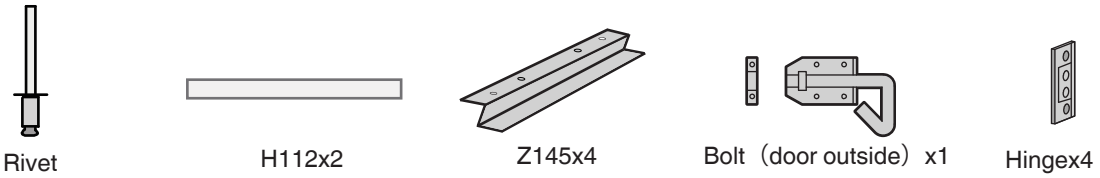


STEP 9 Assembling the door

a



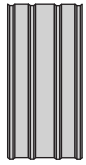
b



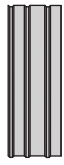
Use the drill bit to drill pilot holes through the door bracing into the door sheeting. Flip the door back over to the front side facing up. Using the pilot holes drilled before, fix the door bracing from the front with Rivet and Spacer.



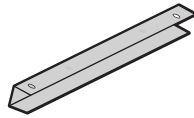
C



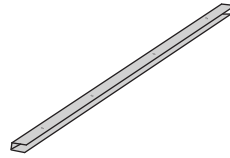
#E195 x 410 x1



#E195 x 350 x1



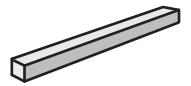
#U074x2



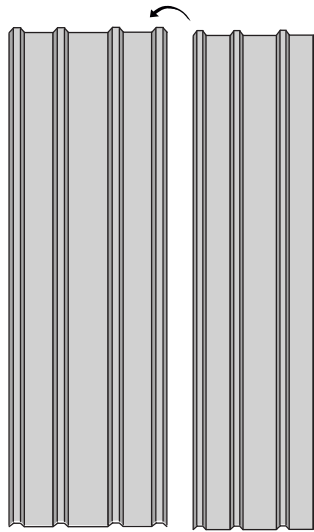
#U195 x 2



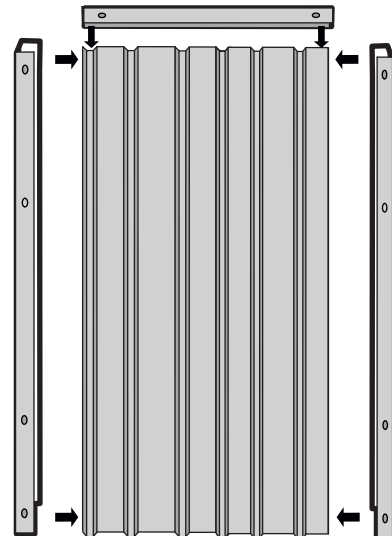
Rivet



D193x1
Square tube

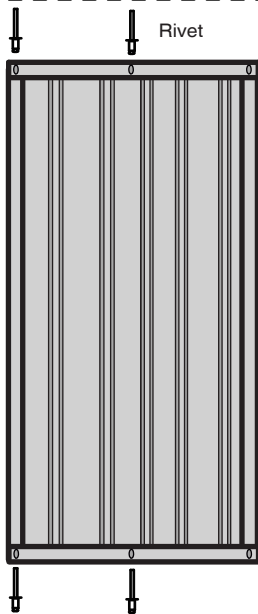
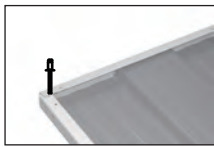


#E195 x 410 x1 #E195 x 350 x1

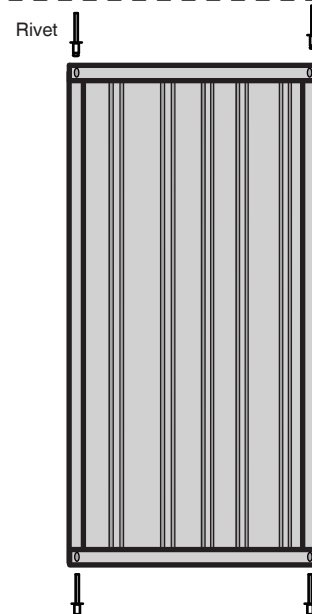


#U195

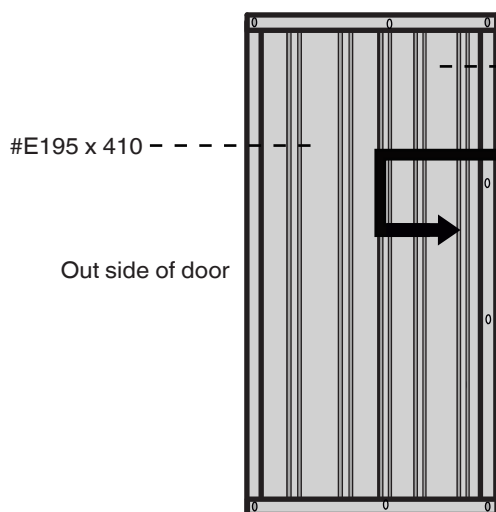
#U195



Out side of door



In side of door



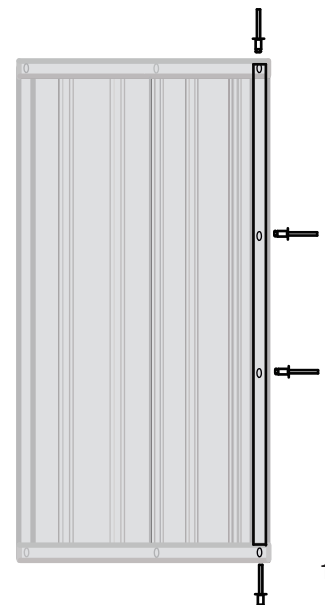
#E195 x 410

#E195 x 350

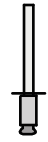
Out side of door

insert D193 square tube into U195 frame screw rivets

D193 Square tube



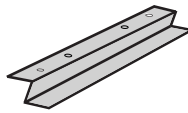
d



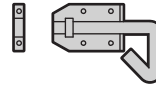
Rivet



H074x1



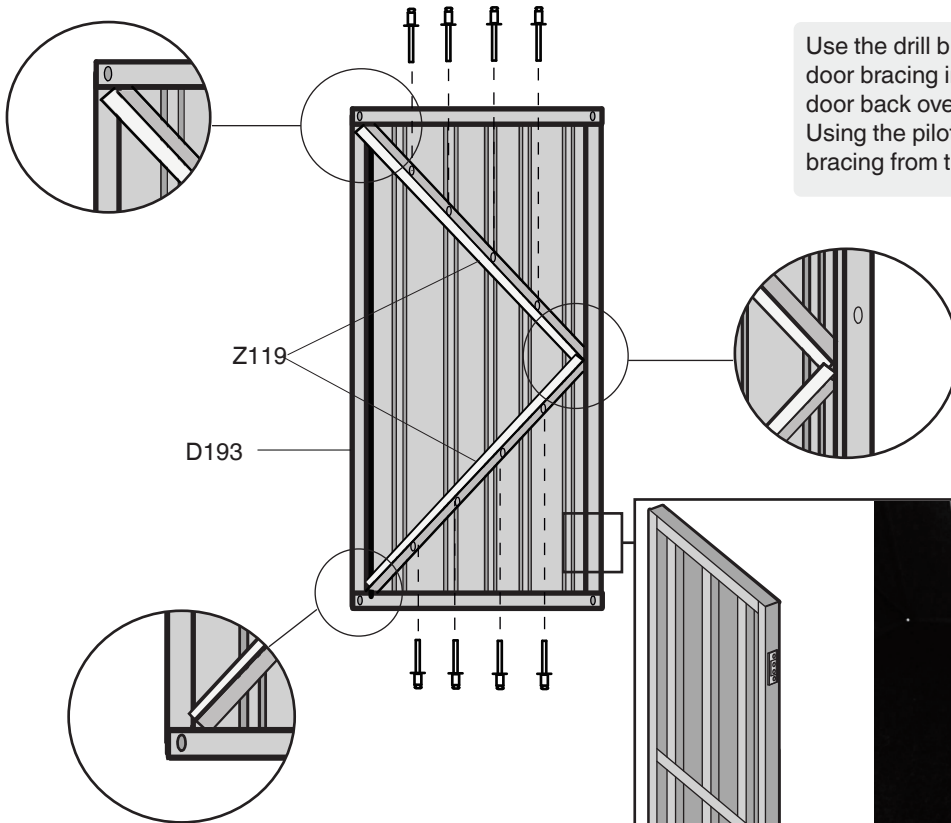
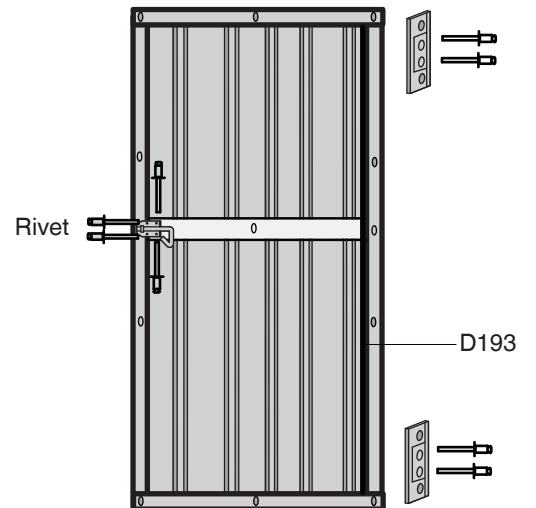
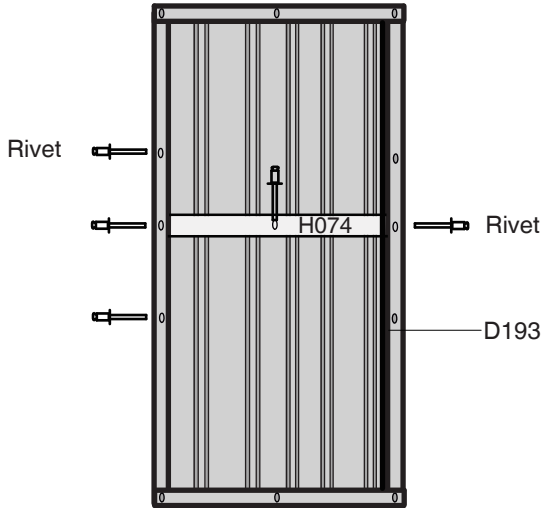
Z119x2



Bolt (door outside) x1



Hingex2



Use the drill bit to drill pilot holes through the door bracing into the door sheeting. Flip the door back over to the front side facing up. Using the pilot holes drilled before, fix the door bracing from the front with Rivet and Spacer.



Attach the door hinges 1 'hinge length' from each end of the door. To do this, place the hinge flush with the end of the door frame and make a mark on the frame at the end of the hinge. Now move the hinge down until it is level with mark, drill holes for your rivets and attach.



rivets with washer



galvanized handle



door center strip



door top strip



door bottom strip



door bar



handle hasp



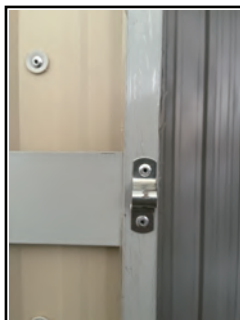
hinges



door inside



door outside



hasp on door



inside bolt for double door



double door

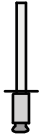
C



Tek Screw



Philips Head Screw

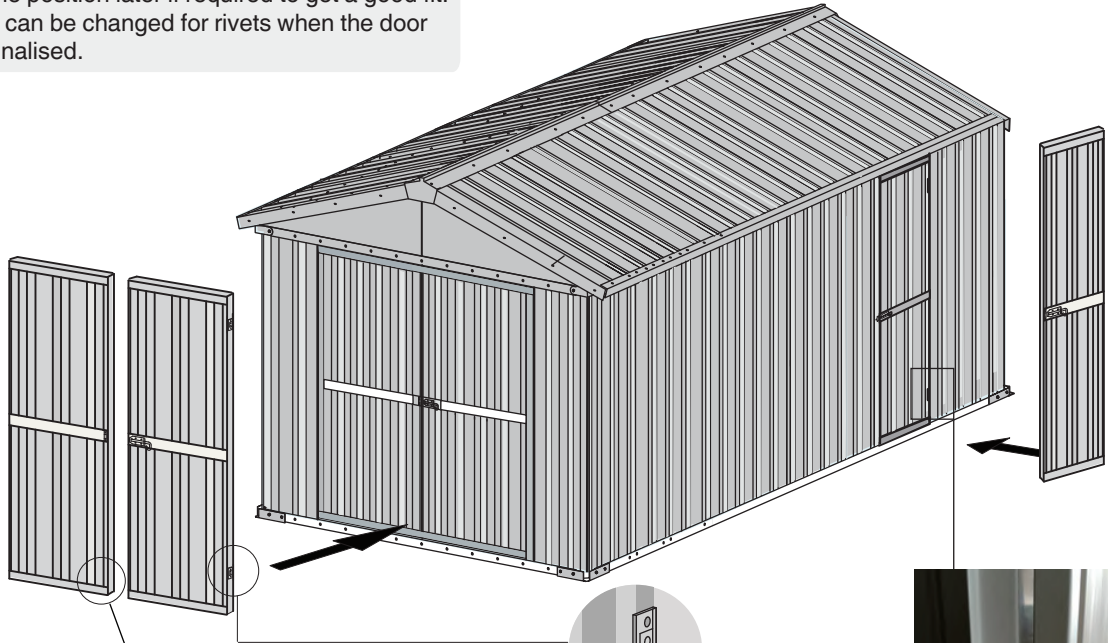


Rivet



Bolt

When first fitting doors, attach the hinges to the shed using the Philips Head Screws. This makes it easier to change the position later if required to get a good fit. The screws can be changed for rivets when the door position is finalised.

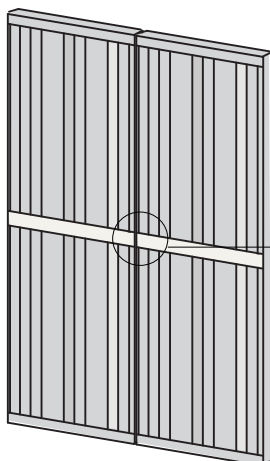
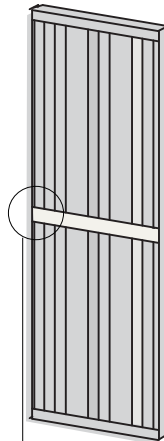


Use the rivet for installation



Philips Head Screw

Bolt (door inside)



Drill pilot holes to accommodate the pad bolt keeper and then fix with rivets

