

The Empire Mobility Scooter / Double Bike Shed (1225mm x 1780mm)

Kennings's

Component List

1 x	Back Panel	(A)
2 x	Side Panel	(B)
1 x	Roof (OSB Board, Felt and Fascia's)	(C)
1 x	Door	(D)
1 x	Door Frame Top	(E)
2 x	Roof Felt Lath	(F)
10 x	75mm Coated Green Screws	(FIX 1)
34 x	50mm Green Coated Screws	(FIX 2)
	13mm Clout Nails	(FIX 3)
3 x	Black 200mm Hinge	(FIX 4)
21 x	1" x 8g Wood Screws	(FIX 5)
2 x	Black Tower Bolt	(FIX 6)



Recommended Tools

Drill Driver

PZ2 Driver Bit

Pencil

Hand Saw

Tape Measure

Spirit Level

A minimum of two people are required to assemble this shed.

All images are for illustration only. Please see individual item listings for actual item specifications.

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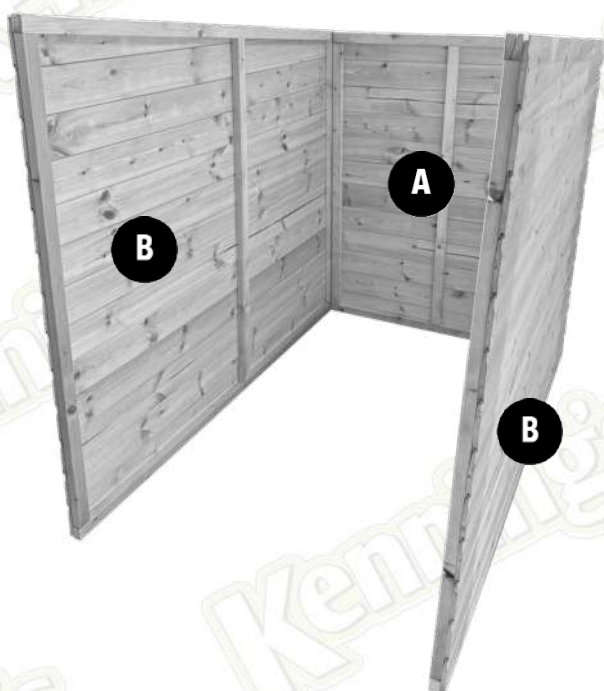
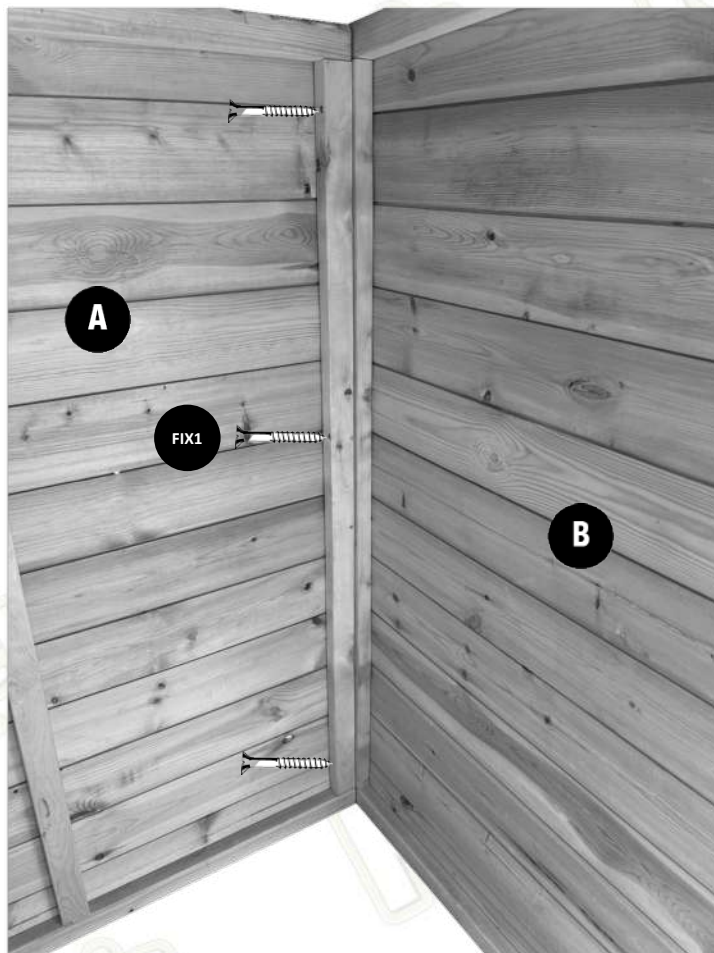
Step 1

To prevent splits, drill a pilot hole before driving screws

To begin your build, you will first need to fix the 2 x Side Panels (**B**) to the Back Panel (**A**) using 3 x 75mm Coated Green Screws (**FIX 1**) at the top middle and bottom, driving through the frame on the back panel and into the one on the sides.

Note: The shorter side of the side panel is the one that should be fixed to the back panel.

Repeat the process on both sides.



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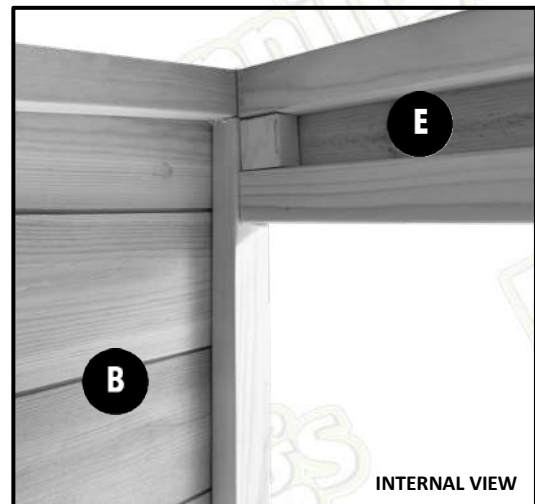
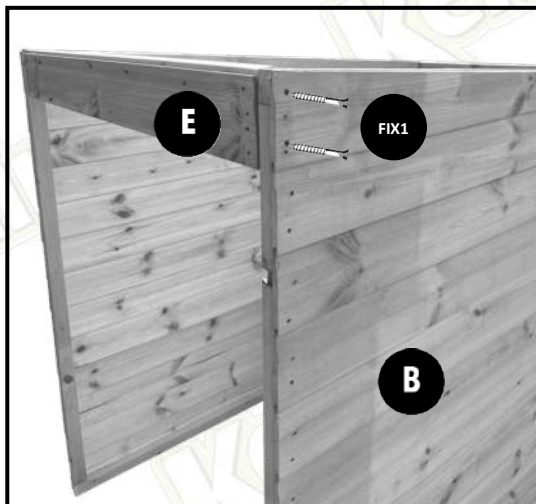
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Step 2

To prevent splits, drill a pilot hole before driving screws

The next step is to add the Door Frame Top (E) 2 x 75mm Coated Green Screws (FIX 1) at either side, driving through the cladding on the sides of the Side Panels (B) and into the 2" x 2" on the back side of the Door Frame Top (E).

Note: The Door Frame Top (E) sits inside the Side Panels (B), see internal / external view diagrams for reference.



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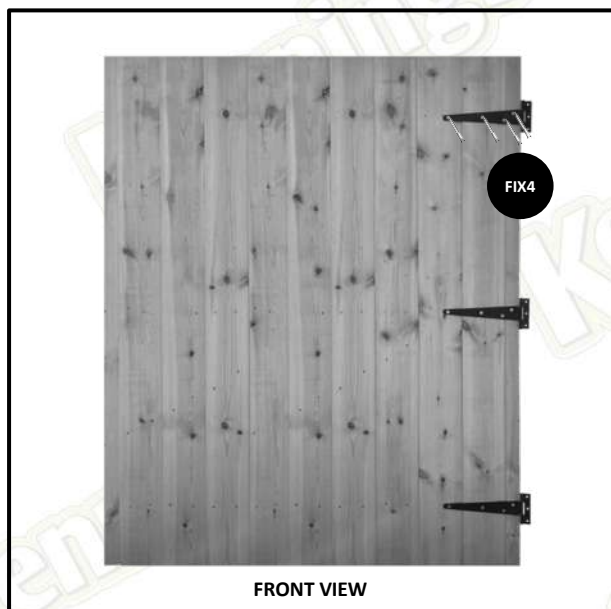
Step 3

To prevent splits, drill a pilot hole before driving screws

With the frame now built the OSB sheet part of the Door (**D**) can be added; first the 3 x Hinges (**FIX 4**) need to be attached using 4 x 1" x 8g Wood Screws (**FIX 5**) per hinge.

The hinges line up with the horizontal framing on the back of the door panel and line up with the edge of the door, the rectangular section of the hinge can then be fastened to the framing of the Side Panel (**B**) using a further 3 x 1" x 8g Wood Screws (**FIX 5**) per hinge (see below diagrams for reference).

NOTE: The door can be fitted to either side based on your personal preference / needs.



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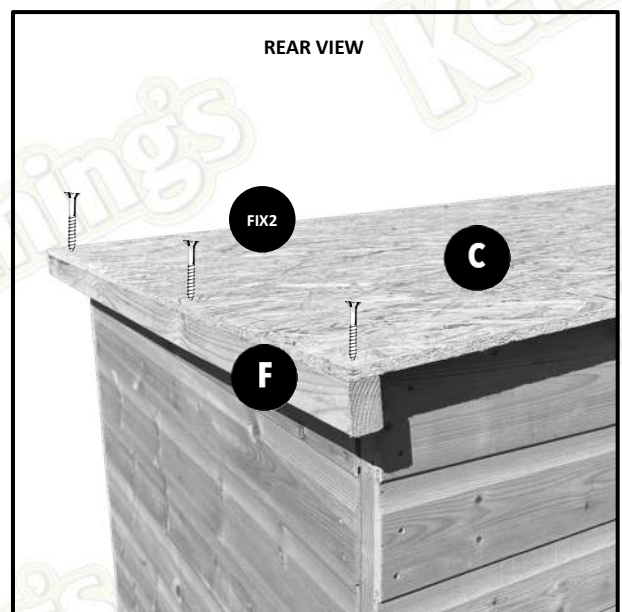
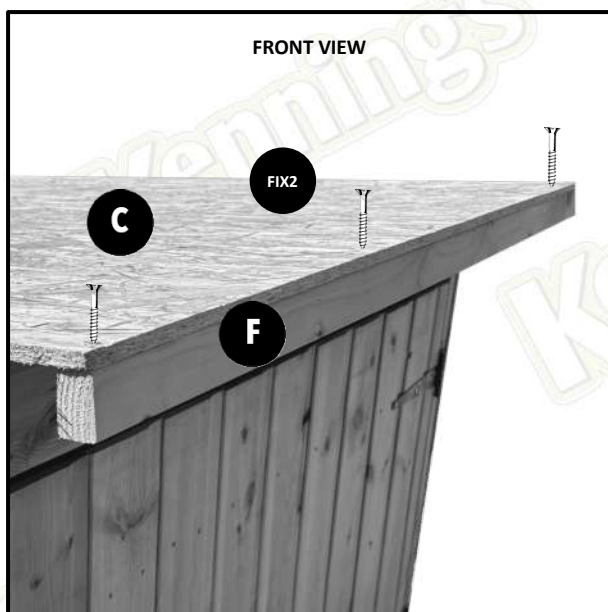
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Step 4

To prevent splits, drill a pilot hole before driving screws

Before securing the OSB part of the Roof (**C**) in place, first you must add the Roof Felt Laths (**F**) which will give you something to attach the felt to later, these are lined up and secured in place using 3 x 50mm Green Coated Screws (**FIX 2**), one at either end and one in the middle.

The Roof Felt Laths (**F**) are positioned so that the longer edge of the timber is facing downwards, (see below diagrams for reference).



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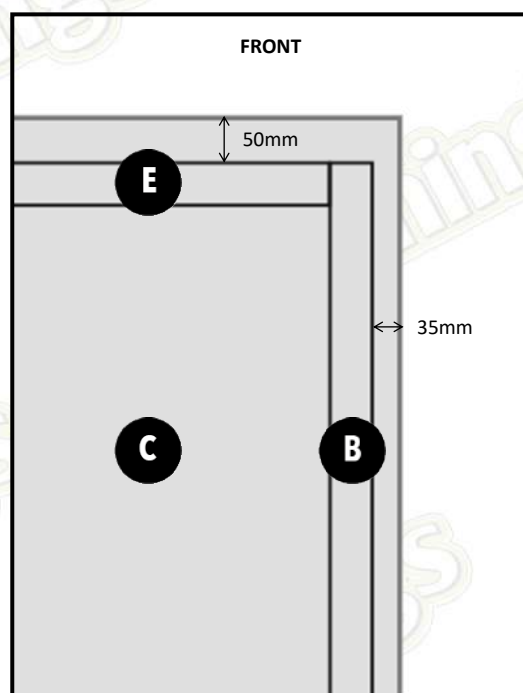
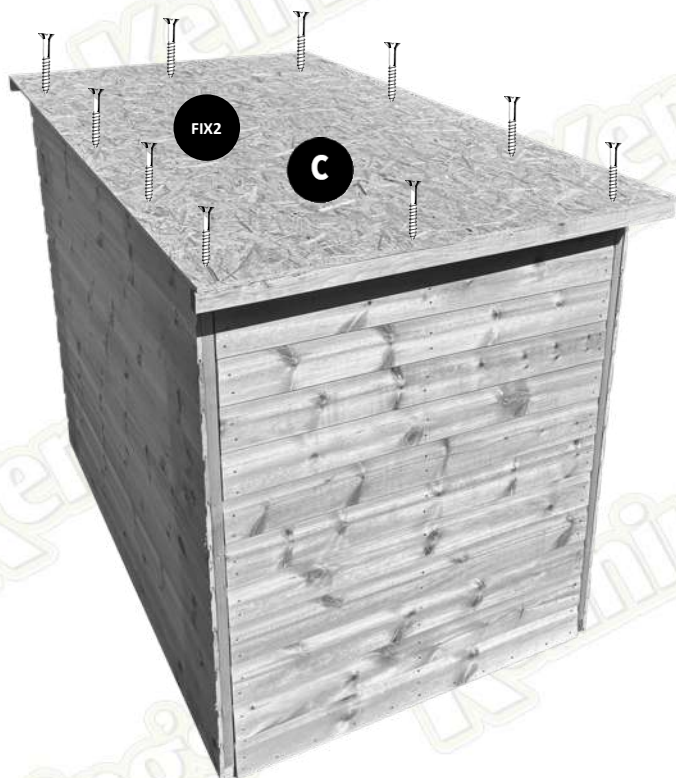
Step 5

To prevent splits, drill a pilot hole before driving screws

With the Roof Felt Laths (**F**) now fixed in place on the OSB Roof (**C**) it can be lifted onto the frame and fixed down into position using 10 x 50mm Green Coated Screws (**FIX 2**).

The OSB sheet is purposely slightly larger than the frame which will allow for an overhang all around.

At the front and rear the overhang will be approximately 50mm, whilst at the sides it will be approximately 35mm, these overhangs mean that any rainwater will drip off and not run down the cladding.



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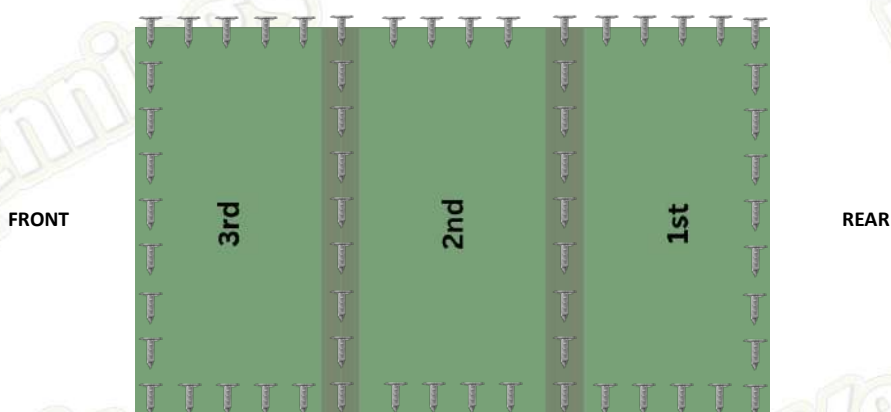
Step 6

To prevent splits, drill a pilot hole before driving screws

To complete the roof, the roof felt and fascia's now need to be attached around the edges of the OSB roof.

The felt is to be laid from side to side, starting at the rear; this allows the overlaps to be on the slope running down to the rear which will prevent the ingress of water.

At the front and the rear the roof, pull the felt tight and use the 13mm Clout Nails (**FIX 3**) to attach the felt to the Roof Felt Laths (**F**); around the sides the nails can be used to attach the felt to the underside of the OSB.



When the felt is all fixed into place and flattened down, the fascia boards can be screwed into position, these are simply designed to cover up the edges of the felt and create a clean and neat looking finish.

The fascia's are attached using 4 x 50mm Green Coated Screws (**FIX 2**) per side and a further 3 at the front and the rear.



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Step 7

To prevent splits, drill a pilot hole before driving screws

The very final step in your build is to install the 2 x Black Tower Bolts (**FIX 6**).

In a similar way to when the hinges were added, the tower bolts should be lined up with the framing on the rear side of the door panel and fastened securely in place with the screws provided.

The catch plate should then be lined up with the bolt when extended and screwed into place on the framing of the Side Panel (**B**).

Repeat the process at the top and the bottom and this will complete your build.



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**Enjoy your new Empire Mobility Scooter
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