

The Mega Bar

(2240mm x 2420mm)



Component List

2 x	1900mm Front Corner Posts (125mm x 125mm)	(A)
2 x	1800mm Rear Corner Posts (125mm x 125mm)	(B)
2 x	2400mm Roof Beams (125mm x 125mm)	(C)
2 x	1800mm Rear Vertical Framing Supports (2" x 2")	(D)
4 x	2400mm Roofing Laths - Horizontal (2" x 1")	(E)
4 x	2400mm Roof Rafters - Front/Back (3" x 2")	(F)
4 x	500mm Bar Frame Sides (3" x 2")	(G)
1 x	450mm Bar Centre Support (3" x 2")	(H)
2 x	1840mm Bar Frame Horizontal Side/Side (3" x 2")	(I)
2 x	2200mm Bar Top (8" x 2")	(J)
1 x	2200mm Bar Top (8" x 2") Notched Ends	(K)
3 x	8ft Box Profile Galvanized Steel Roof Sheets	(L)
15 x	1600mm Rear Wall Match Board Cladding (120mm x 12mm)	(CLAD 1)
22 x	1100mm Front/Side Bar Match Board Cladding (120mm x 12mm)	(CLAD 2)
1 x	1100mm Front Bar Match Board Cladding (Rip Down @ 80mm)	(CLAD 3)
2 x	1100mm Side Bar Match Board Cladding (Tongue Removed)	(CLAD 4)
6 x	1100mm Vertical Front/Side Bar Fascia - PAR Timber (100mm x 25mm)	(TRIM 1)
2 x	1805mm Horizontal Front/Side Bar Fascia - PAR Timber (100mm x 25mm)	(TRIM 2)
4 x	325mm Horizontal Inner Bar Side Fascia - PAR Timber (100mm x 25mm)	(TRIM 3)
2 x	590mm Horizontal Bar Top Side Fascia - PAR Timber (100mm x 25mm)	(TRIM 4)
2 x	2240mm Horizontal Bar Top Fascia - PAR Timber (100mm x 25mm)	(TRIM 5)
2 x	1050mm Vertical Rear Bar Trim - PAR Timber (100mm x 25mm)	(TRIM 6)
2 x	2400mm Side Roof Fascia PAR Timber (150mm x 25mm)	(TRIM 7)
1 x	2436mm Front Roof Fascia PAR Timber (150mm x 25mm)	(TRIM 8)
48 x	45mm Tech Screws	(FIX 1)
8 x	180mm Frame Screws	(FIX 2)
32 x	100mm Frame Screws	(FIX 3)
262 x	50mm Green Coated Screws	(FIX 4)
18 x	75mm Green Coated Screws	(FIX 5)
1 x	Hex Driver Bit	(FIX 6)

Tools Required

Drill Driver
PZ2 Driver Bit
Pilot Drill Bit
Hex Driver Bit
Pencil
Tape Measure
Spirit Level

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

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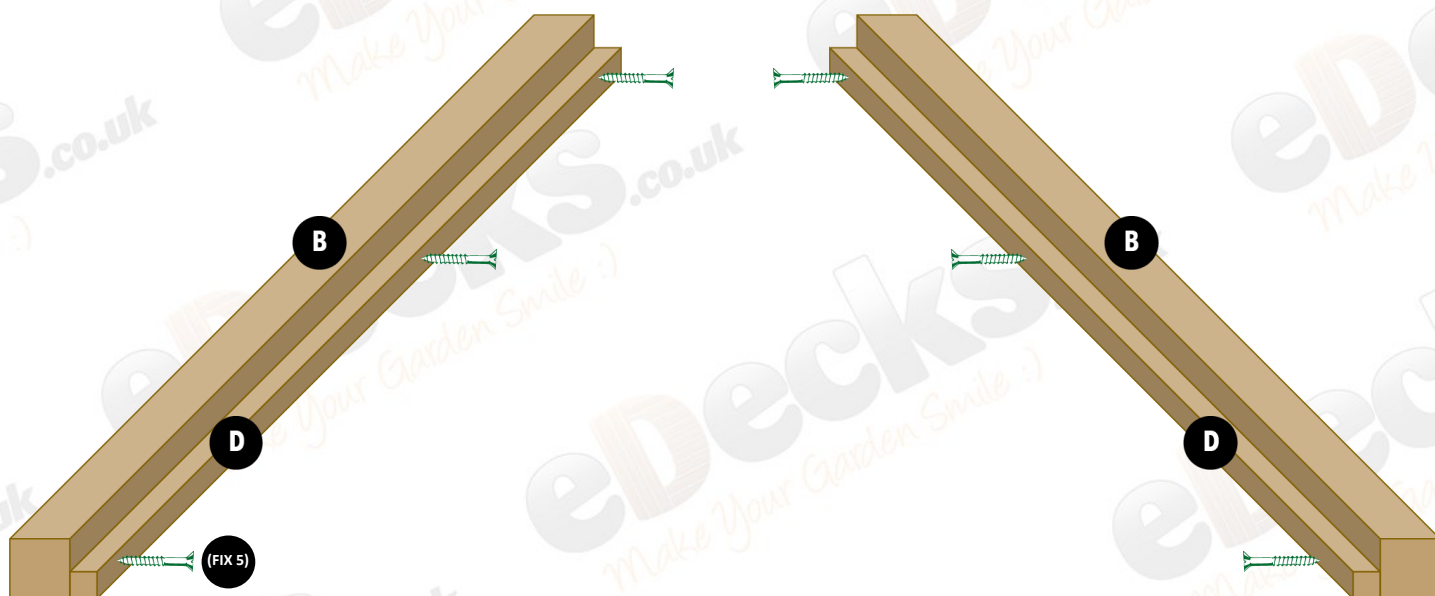


To prevent splits, drill a pilot hole before driving screws

Step 1

Begin your build by laying out the 2 x Rear Corner Posts (**B**) and placing the 2 x Rear Vertical Framing Supports (**D**) on the inside so that they sit flush with the edge of the posts.

Fix into position using 3 x 75mm Green Coated Screws (**FIX 5**) per side, one at the top, middle and bottom, see below diagram for reference.

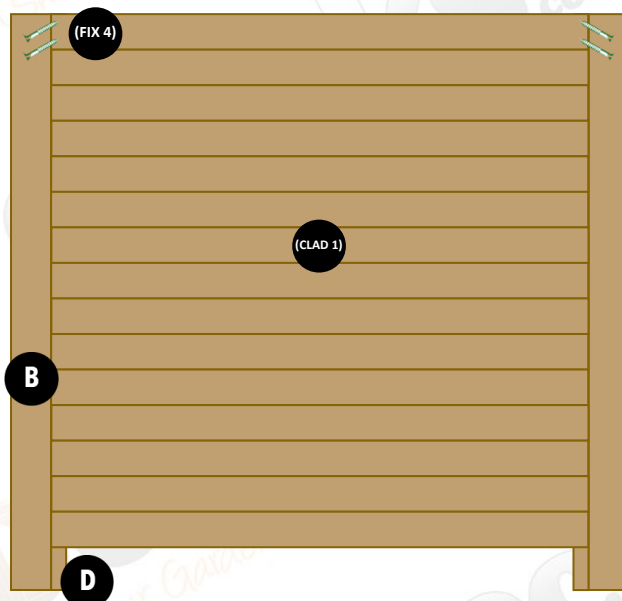


Step 2

With parts (**B**) and (**D**) now fastened together you can use the 15 x Rear Wall Match Cladding Boards (**CLAD 1**) to create the back wall.

Start by lining up the first board with the top of the post and fix the cladding (**CLAD 1**) into position using 2 x 50mm Green Coated Screws (**FIX 4**) per board, per side as shown in the diagram to the right.

The cladding sits inside the recess and will form the inner rear wall once completed.



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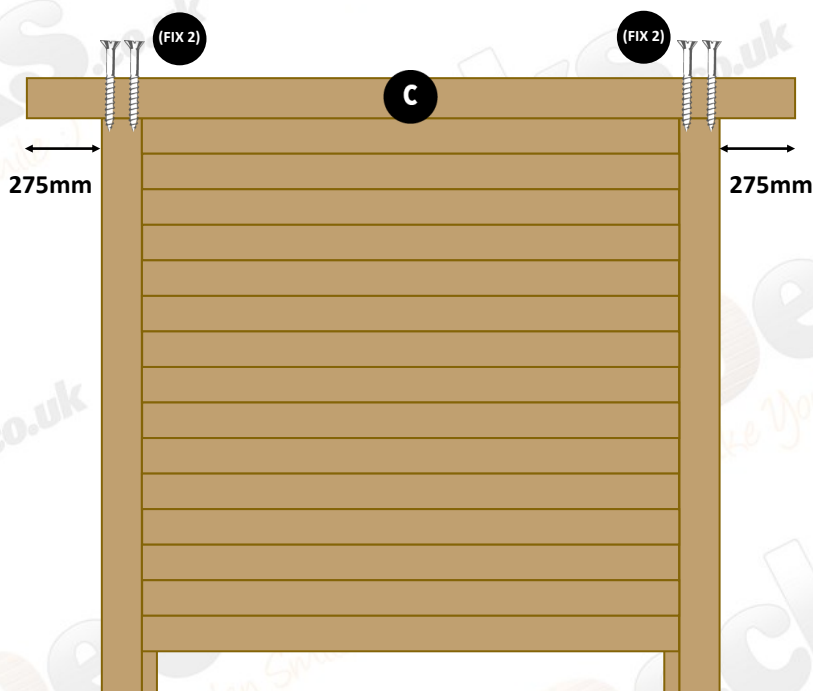
To prevent splits, drill a pilot hole before driving screws

Step 3

To complete the rear section of your bar, fasten one of the Roof Beams (C) into position using 4 x 180mm Frame Screws (FIX 2) driven directly through the beam and down into the posts.

When the roof beam is centralised it will overhang on each side by approximately 275mm.

With the roof beam now fixed securely into place, you can leave this part to one side for the time being as you move on to constructing the front part of the bar.

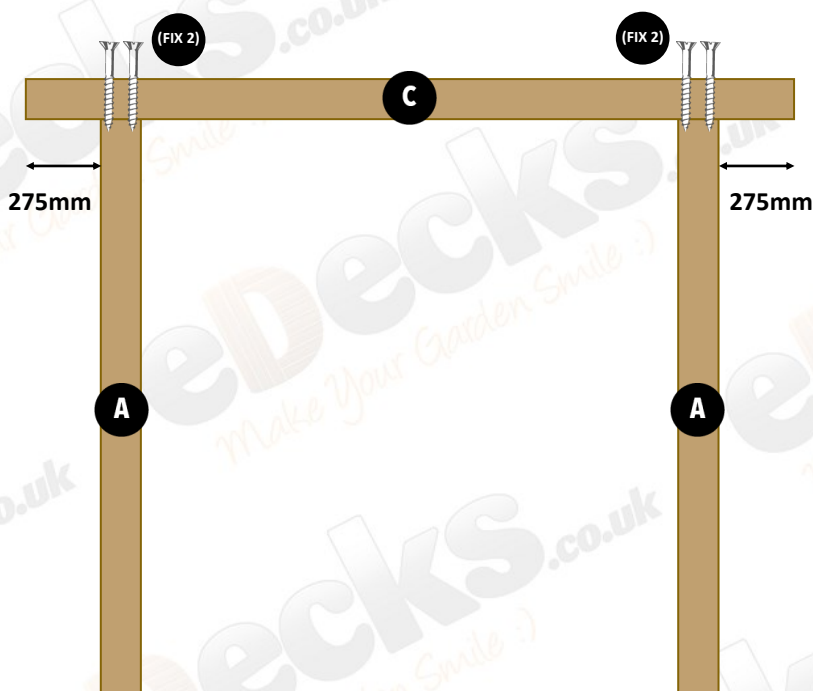


Step 3

Moving on to the front section of your bar, begin by creating the frame.

Fasten the remaining Roof Beam (C) into the tops of your 2 x Front Corner Posts (A) using 4 x 180mm Frame Screws (FIX 2) driven directly through the beam and down into the posts.

When the roof beam is centralised it will overhang on each side by approximately 275mm as per the rear that you built in step 2.



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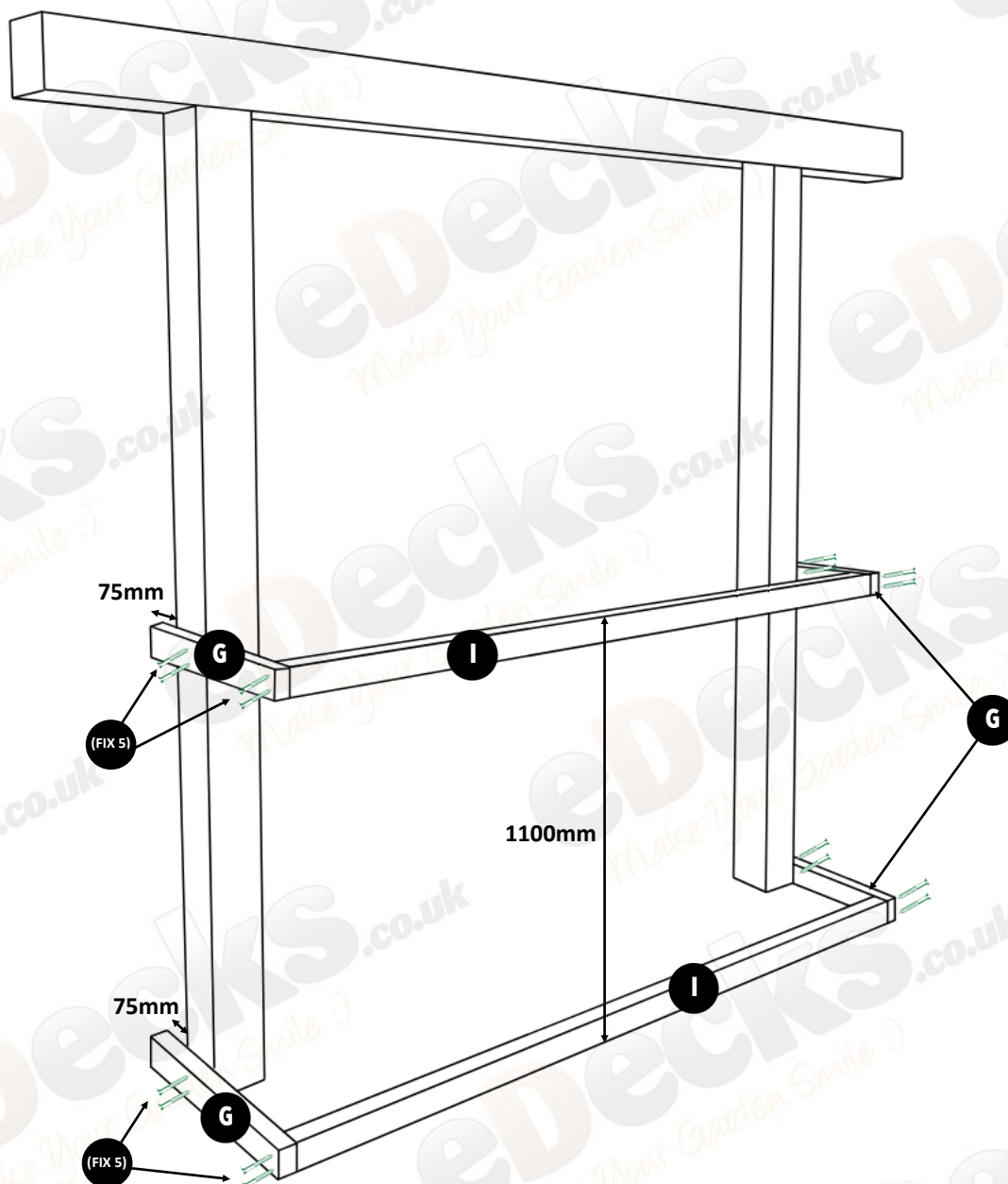
Step 4

To complete the front frame parts **(G)** and **(I)** now need to be installed, these will form the base and the bar top supports which later the cladding will also be screwed to. See the diagram below for reference, we recommend starting by fixing the bottom section in place first so that you have a guide to measure the upper section.

PLEASE NOTE: Parts **(G)** go back past the posts by 75mm and do not sit flush with the edge of the posts.

Parts **(I)** sits in between the two **(G)** pieces.

The 1100mm measurement between the bottom **(I)** and top **(I)** is from the very bottom to the very top, you can use 1 x Front/Side Bar Match Board Cladding (**CLAD 2**) as a guide.



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Step 5

With the front bar frame now complete you can go ahead and attach the front and side cladding boards (**CLAD 2**), (**CLAD 3**) and (**CLAD 4**) which will be fixed into place using 2 x 50mm Green Coated Screws (**FIX 4**) per board, per side as shown in the two diagrams below.

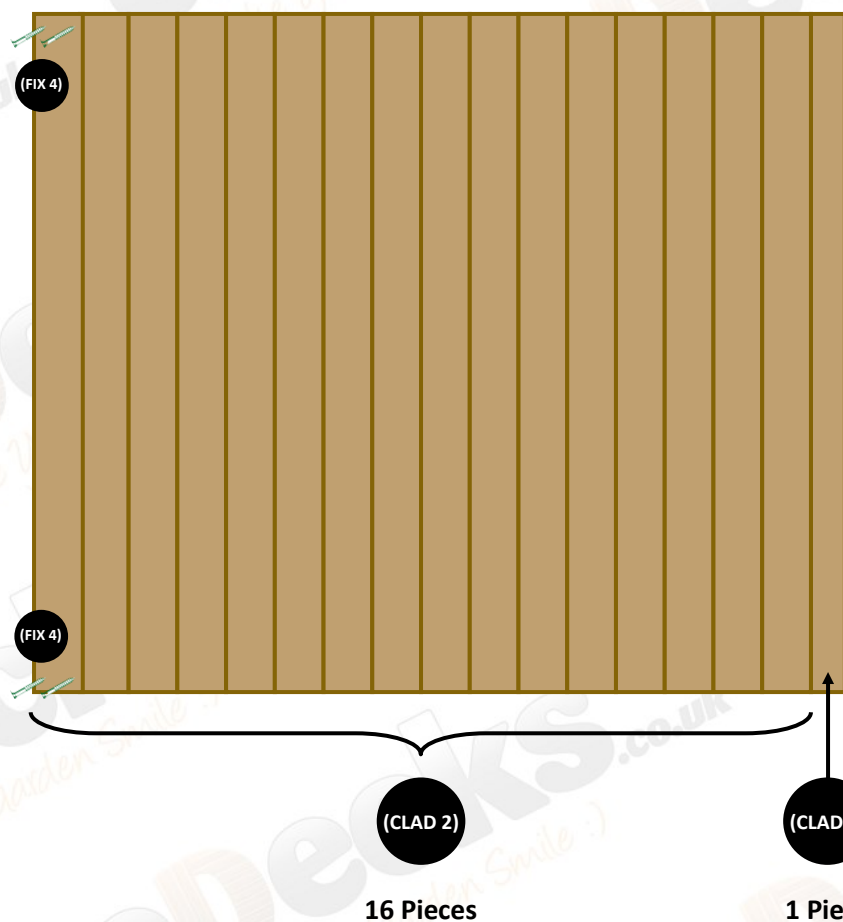
PLEASE NOTE: Part (**CLAD 3**) is a specific board for the front of the bar.

Parts (**CLAD 4**) are specific boards, one each for either side of the bar.

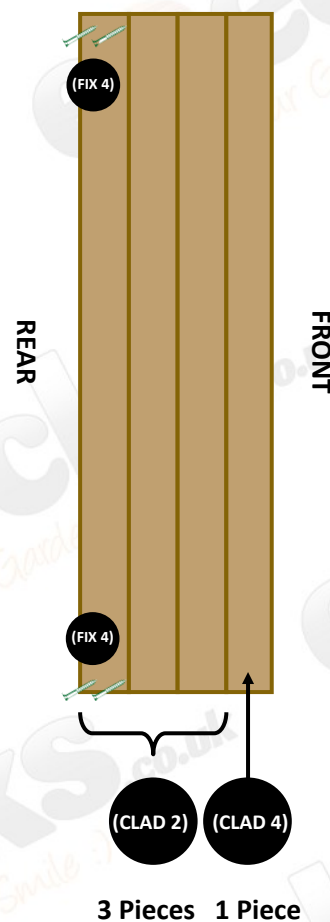
Ensure when attaching the cladding boards that the tongue and groove are aligned all the way down the board and everything fits together neatly.

You may have some small gaps in the corners but these will be covered at a later stage of the build with fascia trims.

FRONT VIEW



SIDE VIEW



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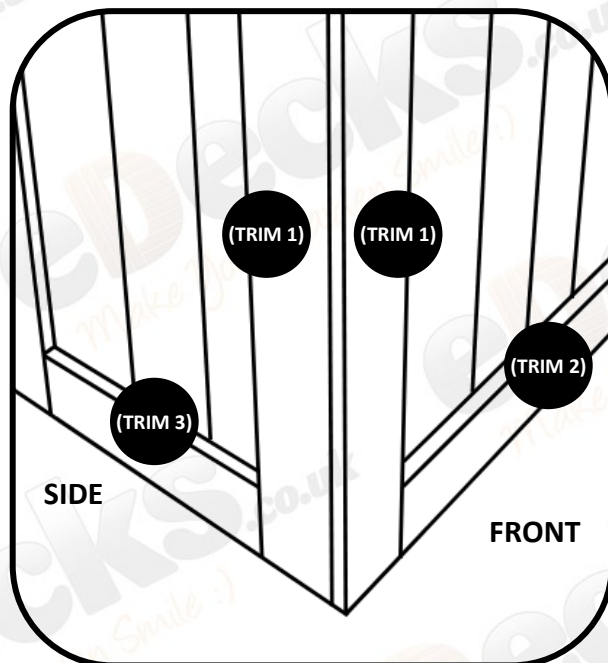
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Step 6

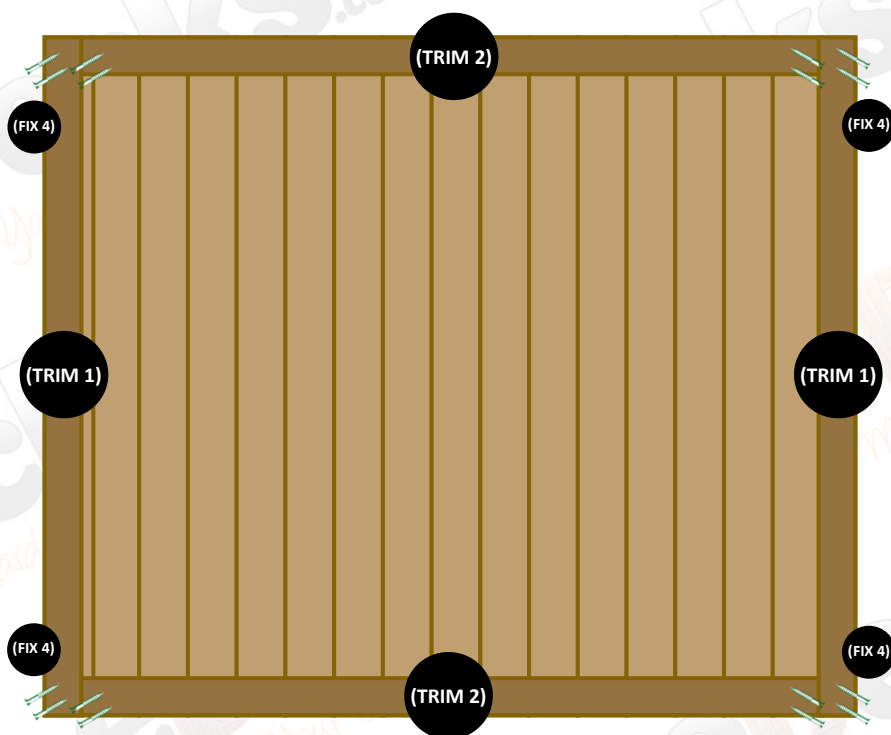
After the cladding has all been fixed into place you can now go ahead and attach all the fascia / cover trim boards to the front and sides of the bar.

Using pieces **(TRIM 1)**, **(TRIM 2)**, **(TRIM 4)** use the cladding boards as per the below diagram, covering up any exposed gaps and secure in place using 2 x 50mm Green Coated Screws **(FIX 4)** per board, per end .

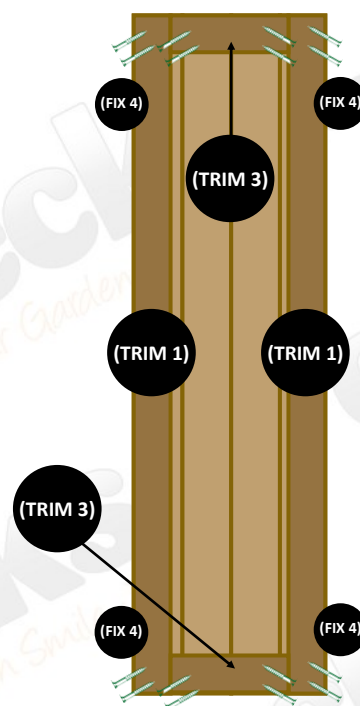
PLEASE NOTE: The side fascia / cover trim boards sit behind the front fascia boards, see diagram to the right.



FRONT VIEW



SIDE VIEW



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The Mega Bar (2240mm x 2420mm)



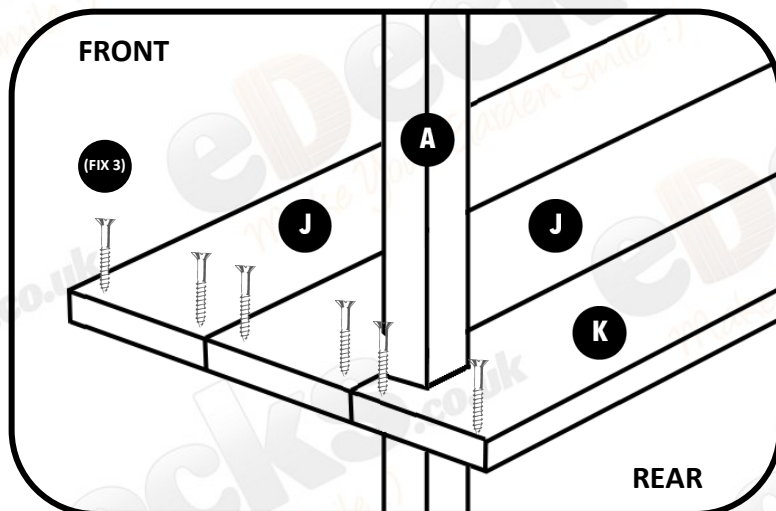
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Step 7

With the cladding now fixed into place, the bar top pieces (**J**) and (**K**) can be added.

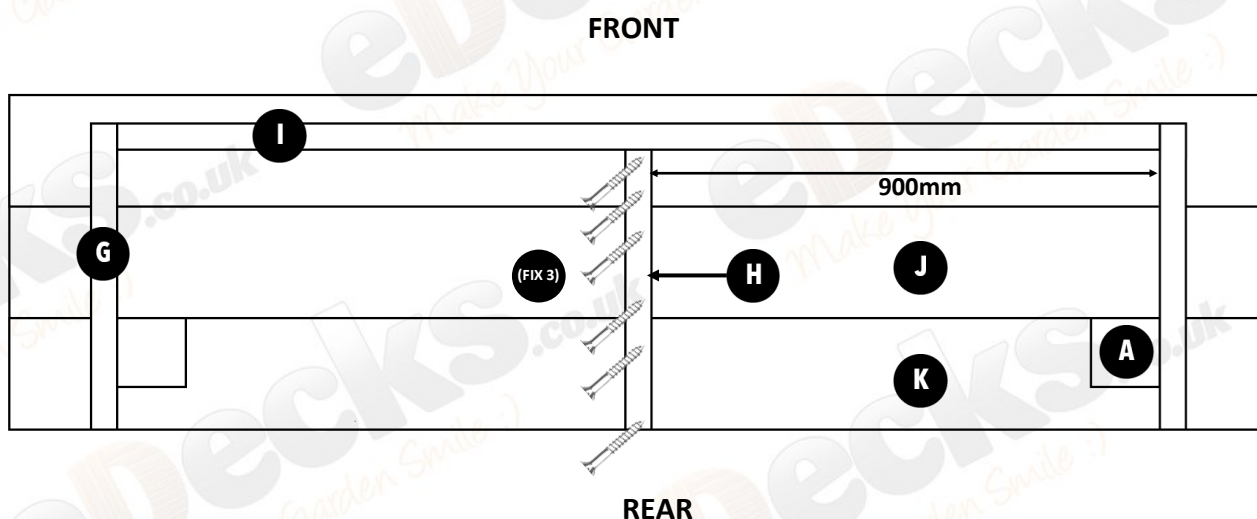
Starting with the notched board (**K**), slide it into position around the front posts (**A**) on top of the bar supports (**G**) and secure into place using 2 x 100mm Frame Screws (**FIX 3**) per side.

To complete the bar top, position the 2 x boards (**J**) on top of the supporting frame (**G**) and fix into place as per (**K**) using 2 x 100mm Frame Screws (**FIX 3**) per side.



To finish the bar top, the last thing that needs to be done is to add the central frame support (**H**) underneath the bar top, this is designed to stop any flex or movement of the bar top.

The support should be centralised (approx. 900mm from either side) and fixed into position using 6 x 100mm Frame Screws (**FIX 3**), 2 x screws into each of the bar top boards (**J**) and (**K**), see the diagram below which shows the underside of the bar top.



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Step 8

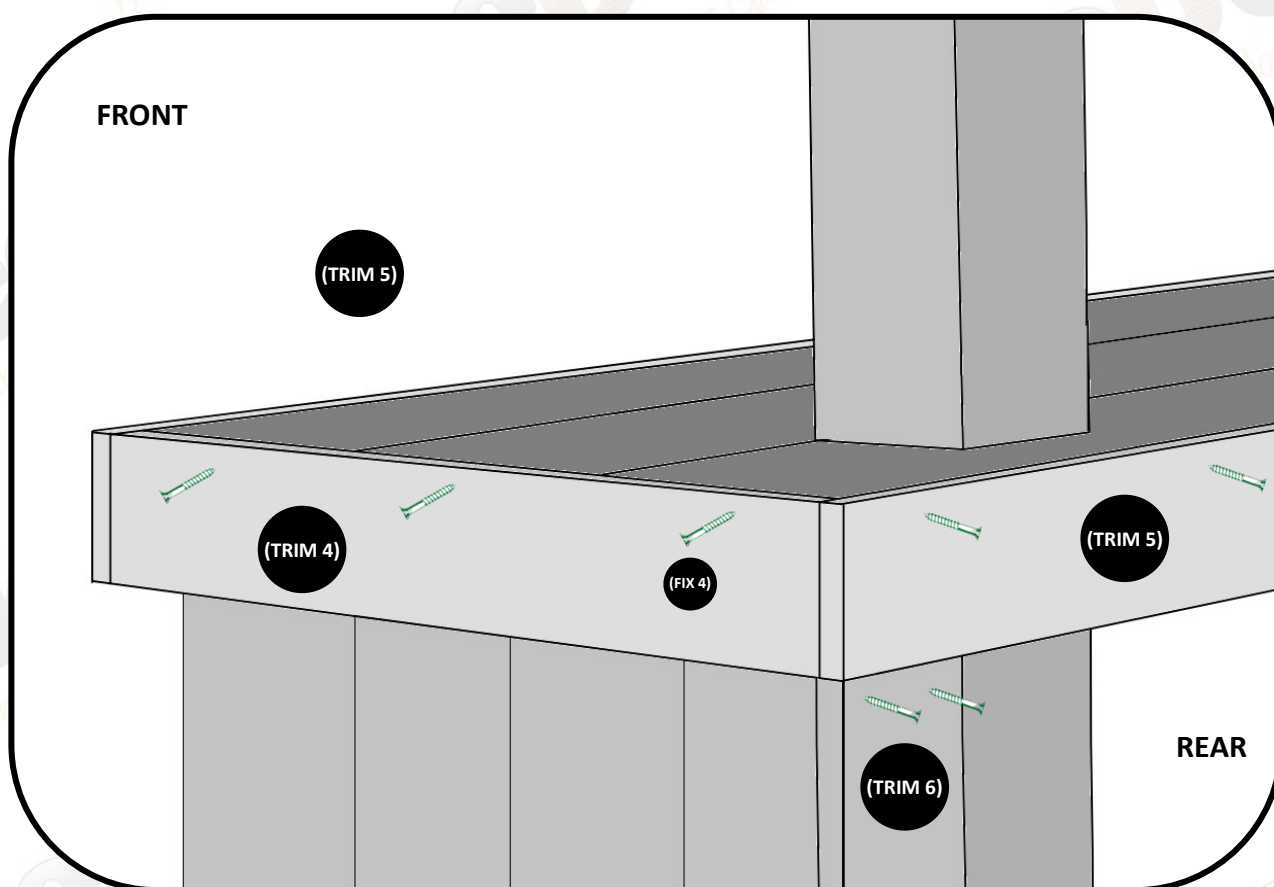
With the bar top fixed securely into place, the fascia / trim pieces (**TRIM 4**) and (**TRIM 5**) can be added around the bar top, these are fixed into place using the 50mm Green Coated Screws (**FIX 4**) which drive directly into the sides of the bar top.

The front and rear boards (**TRIM 5**) when fixed in place should overhang either side of the top by approx. 20mm so that the side pieces (**TRIM 4**) sit neatly inside them, leaving a flush finish all around.

PLEASE NOTE: Each side piece (**TRIM 4**) will use 3 x 50mm Green Coated Screws (**FIX 4**)

The front and rear pieces (**TRIM 5**) will use 6 x 50mm Green Coated Screws (**FIX 4**)

At this point you can also fix into place the 2 x 1050mm Vertical Rear Bar Trims (**TRIM 6**) on either side of the bar, these are also fastened into the bar framing (**G**) using 2 x 50mm Green Coated Screws (**FIX 4**) per board, per end.



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The Mega Bar (2240mm x 2420mm)



To prevent splits, drill a pilot hole before driving screws

Step 9

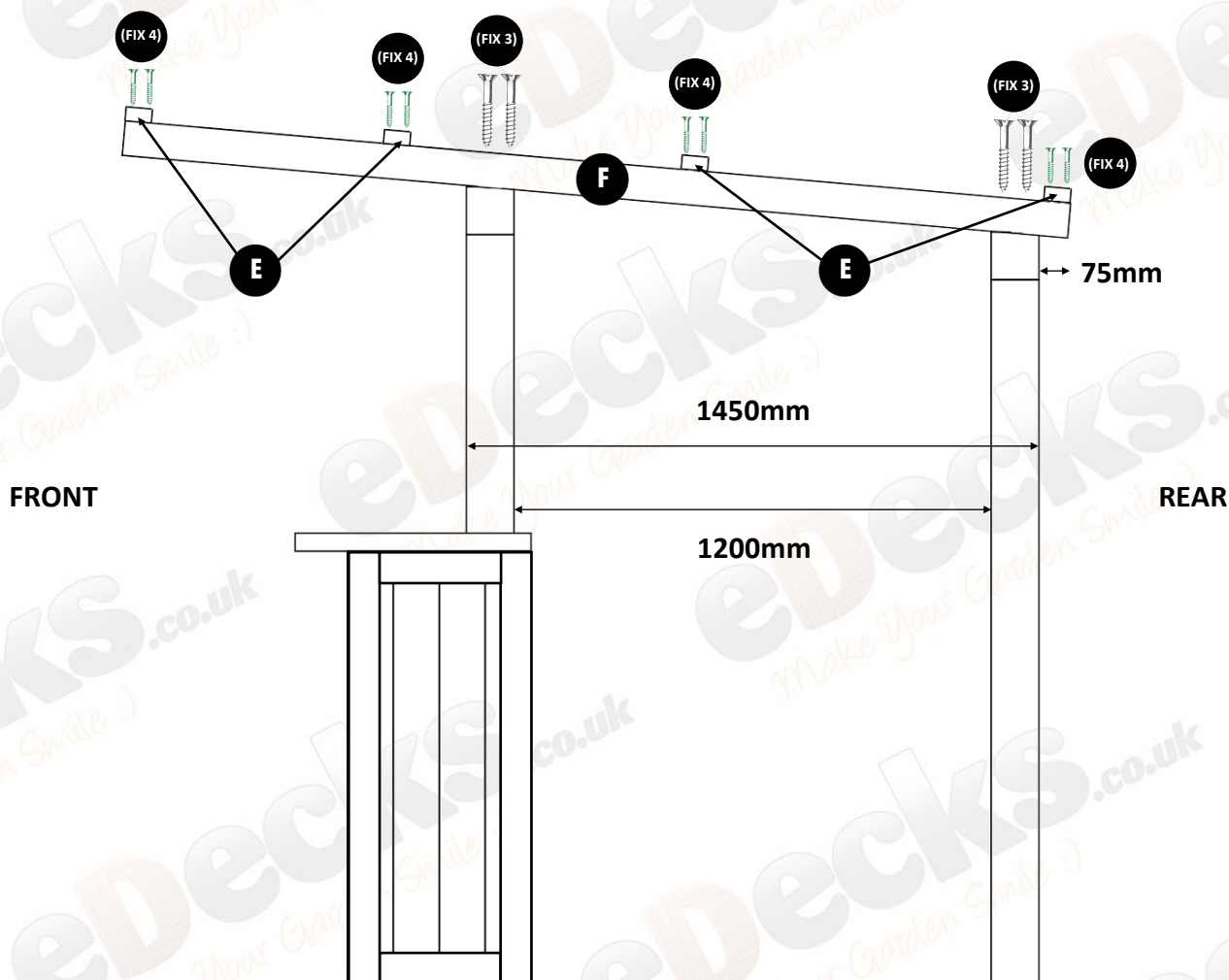
With the front and rear sections now almost complete, the roof frame can be built which will enable the main structure of the bar to be all fastened together. The roof frame is built using the 4 x Rafters (F) and 4 x Laths (E).

The rafters (F) are positioned at the edge of the horizontal post on the top of frame on the outsides and then the middle two are spaced out accordingly at approx. 800mm centres, with a 75mm overhang on the back, the laths (E) are spaced in the same way but in the opposite direction.

The rafters (F) are fixed into position using 2 x 100mm Frame Screws (FIX 3) per side.

The laths (E) are fixed into position using 2 x 50mm Green Coated Screws (FIX 4) per side.

See the side profile and top down (next page) diagrams for reference.



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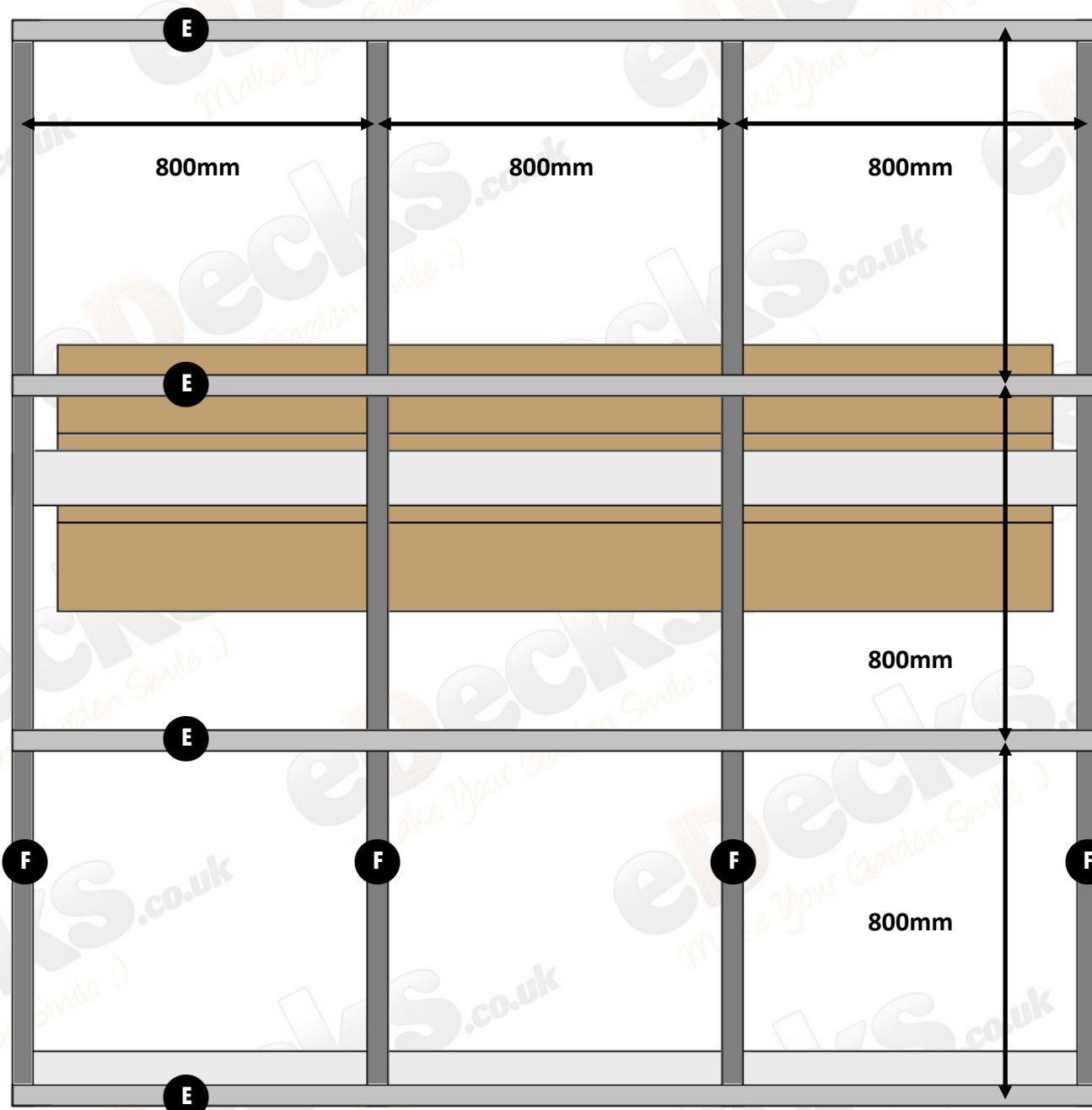
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To prevent splits, drill a pilot hole before driving screws

Step 9 Continued

FRONT



REAR

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The Mega Bar (2240mm x 2420mm)



To prevent splits, drill a pilot hole before driving screws

Step 10

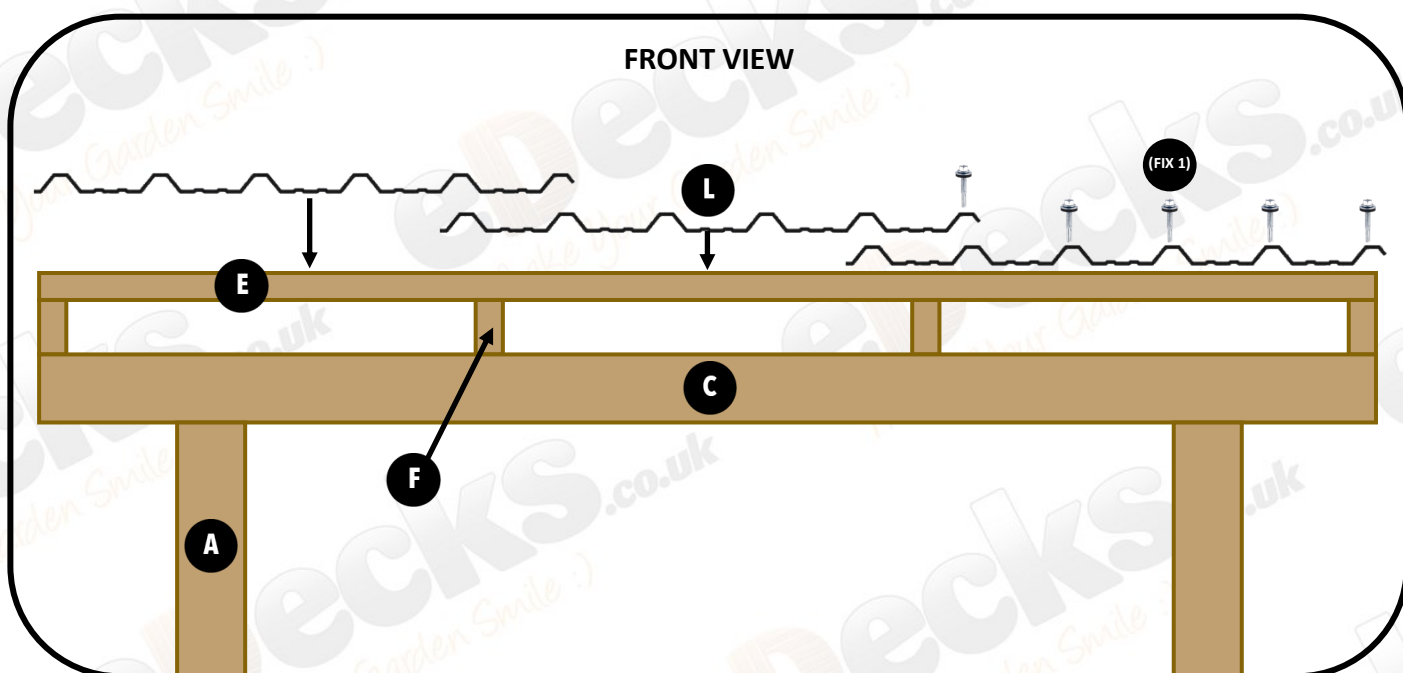
With your bar pieces all joined together and the roof frame constructed you can proceed with fitting the 3 x 8ft Box Profile Galvanized Steel Roof Sheets (**L**).

Begin by lifting on the first of the three sheets and line up with the edge of the rafter on one side, the sheet should cover the entire length of the rafter.

When you are happy with the positioning, fasten down the sheet by driving through the sheet with the supplied 48mm tech screw (**FIX 1**) into the lath below using the provided 8mm hex driver bit (**FIX 6**), repeat this on every peak into every lath.

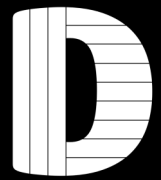
With the first sheet fastened down, repeat the process on the second and third sheets, both of which will overlap the sheet you installed beforehand, see the below diagram for reference.

PLEASE NOTE: The tech screws should be driven through the peak of the sheet and fastened down tight enough that the rubber washer forms a tight seal covering the hole the screw creates to prevent ingress of water.



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Step 11

The final step in your build is to add the 3 roof fascia boards (**TRIM 7**) and (**TRIM 8**) in place on the front and sides around the edges of the roof, which will be fixed into place using 50mm Green Coated Screws (**FIX 4**).

The front roof fascia (**TRIM 8**) should be added first and fixed into position using 4 x 50mm Green Coated Screws (**FIX 4**), one at either end and two more spaced equally across the front. As per step 8 when you were adding the cladding when fixed in place there will be an overhang either side of the roof by approx. 20mm so that the side pieces (**TRIM 7**) sit neatly behind the front fascia.

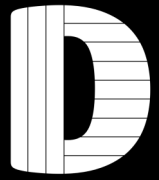
The last thing to do to complete your bar build is to add the 2 x side roof fascia's (**TRIM 7**) on either side of the bar, these are fastened into rafters (**F**) using 2 x 50mm Green Coated Screws (**FIX 4**) per board, per end.



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**Enjoy your new Mega Bar
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