8SH

SHEDFAST

8FT PENT SUMMERHOUSE INSTRUCTIONS

Base Sizes

	Width (mm)	Length (mm)
8x6	2390mm	1883mm
8x8		2478mm
8x10		3078mm
8x12		3673mm
8x14		4273mm
8x16		4868mm

AS335

15/07/2025

Please read all instructions before proceeding...

Made in the United Kingdom

Introduction

Warranty -

Your Shedfast shed is guaranteed for two years against faulty manufacture as long as you treat it within two weeks of assembly with our recommended treatment. The guarantee would supply replacement planks or parts for any defective items (ie rarely a full panel) for self installation. Wind damage, non-domestic use, accidental or deliberate damage and Labour are all excluded from the guarantee.

Care and Maintenance-

Your Shedfast shed is made from good quality Scandinavian timber and should give you years of reliable use. However it is important to be aware of the natural properties of wood and accept these changes as they crop up on your shed. This kind of timber is affected by humidity which expands the timber as it gets wetter and shrinks it as it dries out. For this reason is is highly beneficial to treat your shed immediately when it is assembled with a good quality wood treatment. We offer the Shedfast original larch colour in a 2.5l can and you should use this if you want to keep a similar colour to the original. Alternatively, if you want to paint your new building in a coloured finish, then we offer the Protek Royal exterior which is a superb quality coating.
Although your shed comes with a factory applied premium protector treatment, the benefits of hand painting the shed immediately with one of our recommended treatments are so profound that we will only activate the 2 year warranty if your shed is coated with one of our recommended treatments within 2 weeks of assembly.

Please be aware that timber is a natural product and can split, warp, cup, expand and contract, leech sap, shed knots, shake and twist. These matters can be mitigated by applying a treatment immediately when you get your shed and by filling shakes, splits and knot holes as they crop up as a part of your ongoing maintenance. Check your shed annually and fill any defects that have developed.

Safety information-

- Glass and timber can potentially cause injury. Please ensure you wear protective goggles, gloves, headgear and suitable footwear when assembling the building.
- Please remember that glass is fragile and should be handled with extreme care. Always clear up and dispose of any breakages immediately.
- Do not assemble the shed in high winds.
- For safety reasons and ease of assembly when self-assembling, we recommend that this shed is assembled by two people.
- Please clear all lying snow from the shed roof as it can cause the roof to buckle or collapse.
- Please do not stand directly or put your whole body weight on the roof.

Site preparation-

- When selecting a site for your shed, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation for your shed. It is important the base is level.
- Avoid placing your shed under trees or in other vulnerable locations if possible.
- To minimise the risk of wind damage, try to select as sheltered a site as possible, e.g. beside a hedgerow or garden fence.

Tools required-

- Drill
- Spirit Level
- Knife
- Ladders
- Hammer
- Screwdriver
- Tape Measure

Pre Assembly

- Before you start, check you have all the correct components required for the build. See the tables on the back pages to check this.
- Remove any of the transit blocks, but be careful when laying the panels down to not snap any of the overhanging cladding.

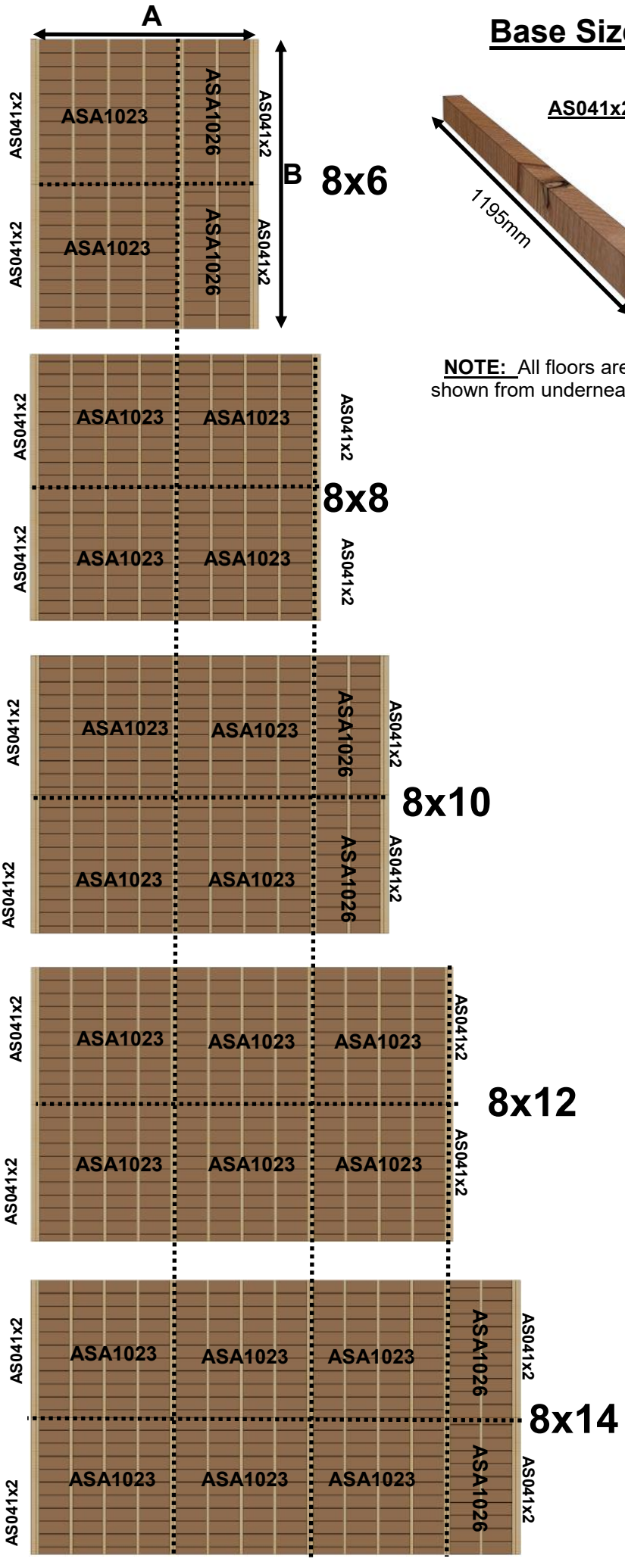
Doors-

Please ensure that your door is securely fastened in windy conditions to prevent damage to the hinges or door posts.

Felt-

Your shedfast building comes with a good quality polyester backed felt which is harder to rip than regular shed felt. Keep an eye on your felt as a part of your ongoing maintenance and repair or replace it promptly if it deteriorates (for example after a storm) before water has chance to get in and damage the shed.

Base Sizes



NOTE: All floors are shown from underneath

Panels	Size	Quantity
ASA1023	1195x1195	2
ASA1026	1195x600	2
AS041X2	44x56x1195	4

Length (A)	Width (B)
1878mm	2390mm

NOTE: The shed overhands the floor so adds approx. 30mm

Panels	Size	Quantity
ASA1023	1195x1195	4
AS041X2	44x56x1195	4

Length (A)	Width (B)
2078mm	2390mm

Panels	Size	Quantity
ASA1023	1195x1195	4
ASA1026	1195x600	2
AS041X2	44x56x1195	4

Length (A)	Width (B)
2478mm	2390mm

Panels	Size	Quantity
ASA1023	1195x1195	6
AS041X2	44x56x1195	4

Length (A)	Width (B)
3668mm	2390mm

Panels	Size	Quantity
ASA1023	1195x1195	6
ASA1026	1195x600	2
AS041X2	44x56x1195	4

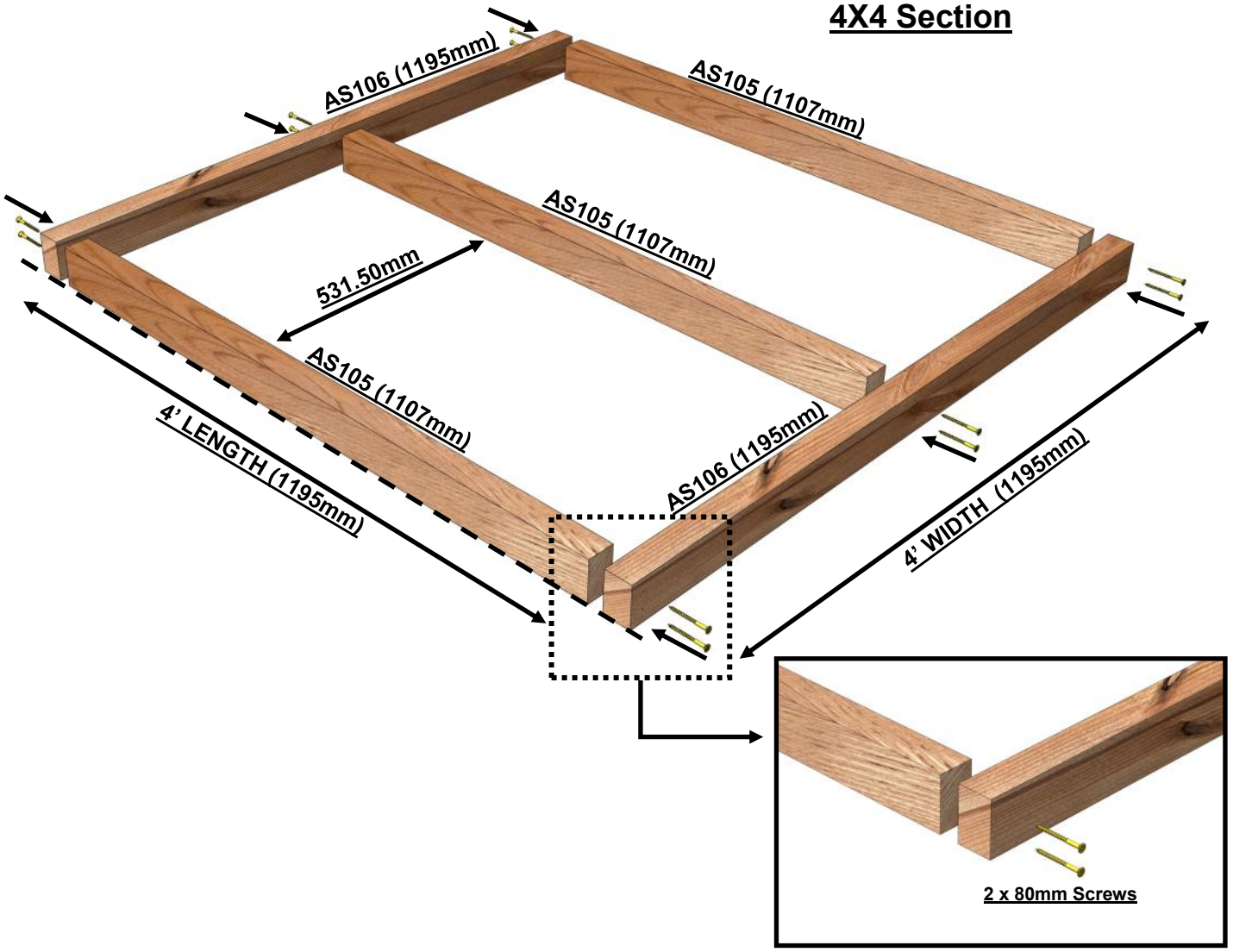
Length (A)	Width (B)
4224	2390mm

Shed Base System (Optional)

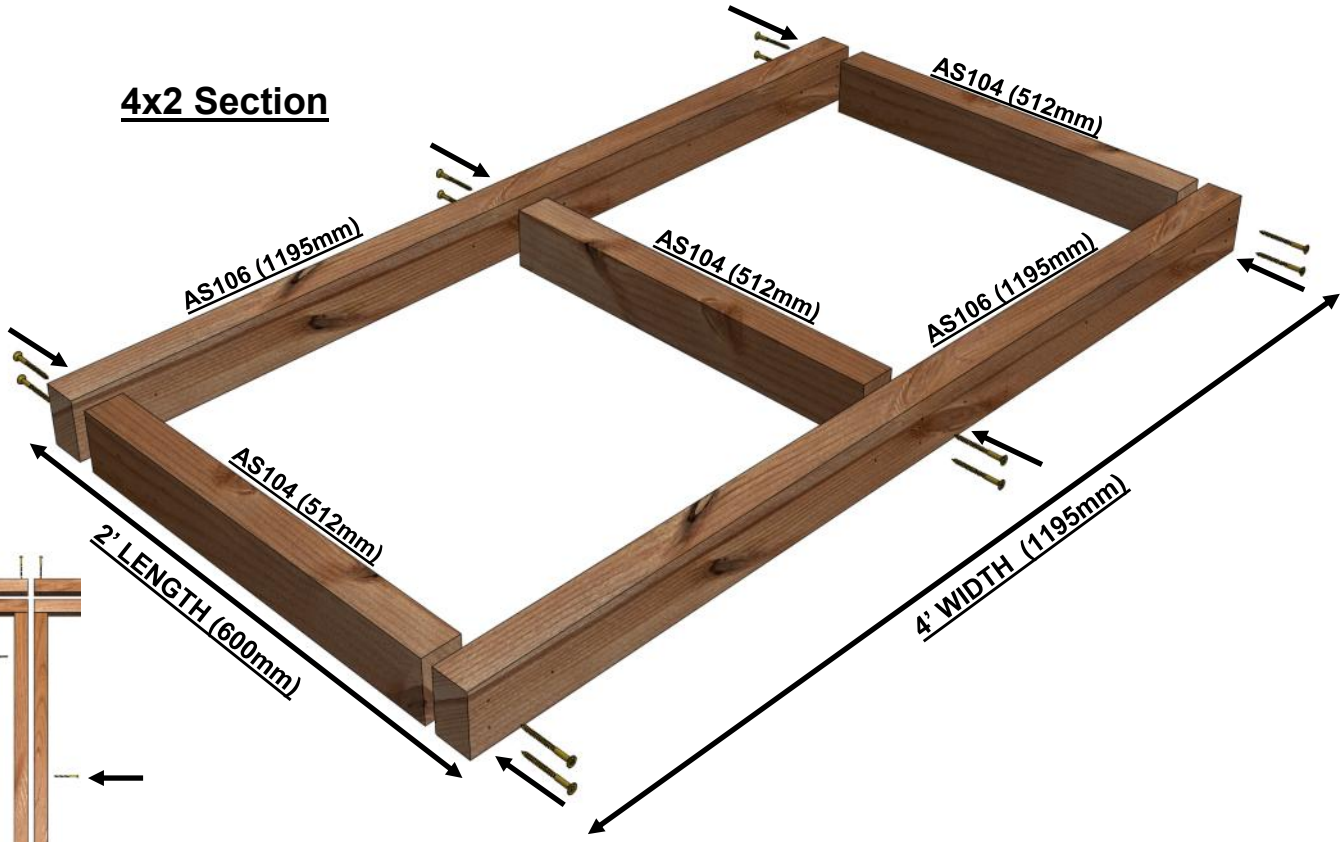
The base system is made up of sections that mirror the size of the floor panels . Finally, at each end you need to add an extra batten (AS106) to make the length up.

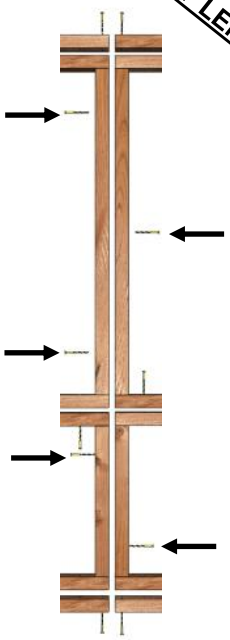
SHED SIZE	AS103 (300mm)	AS104 (512mm)	AS105 (1107mm)	AS106 (1196mm)	AS107 (1490mm)	AS108 (1790mm)	80mm Screws
8x6	9	6	6	12	0	0	110
8x8	9	0	12	12	0	0	110
8x10	12	6	12	16	0	0	156
8x12	12	0	18	16	0	0	156
8x14	15	6	18	8	0	0	202

4X4 Section

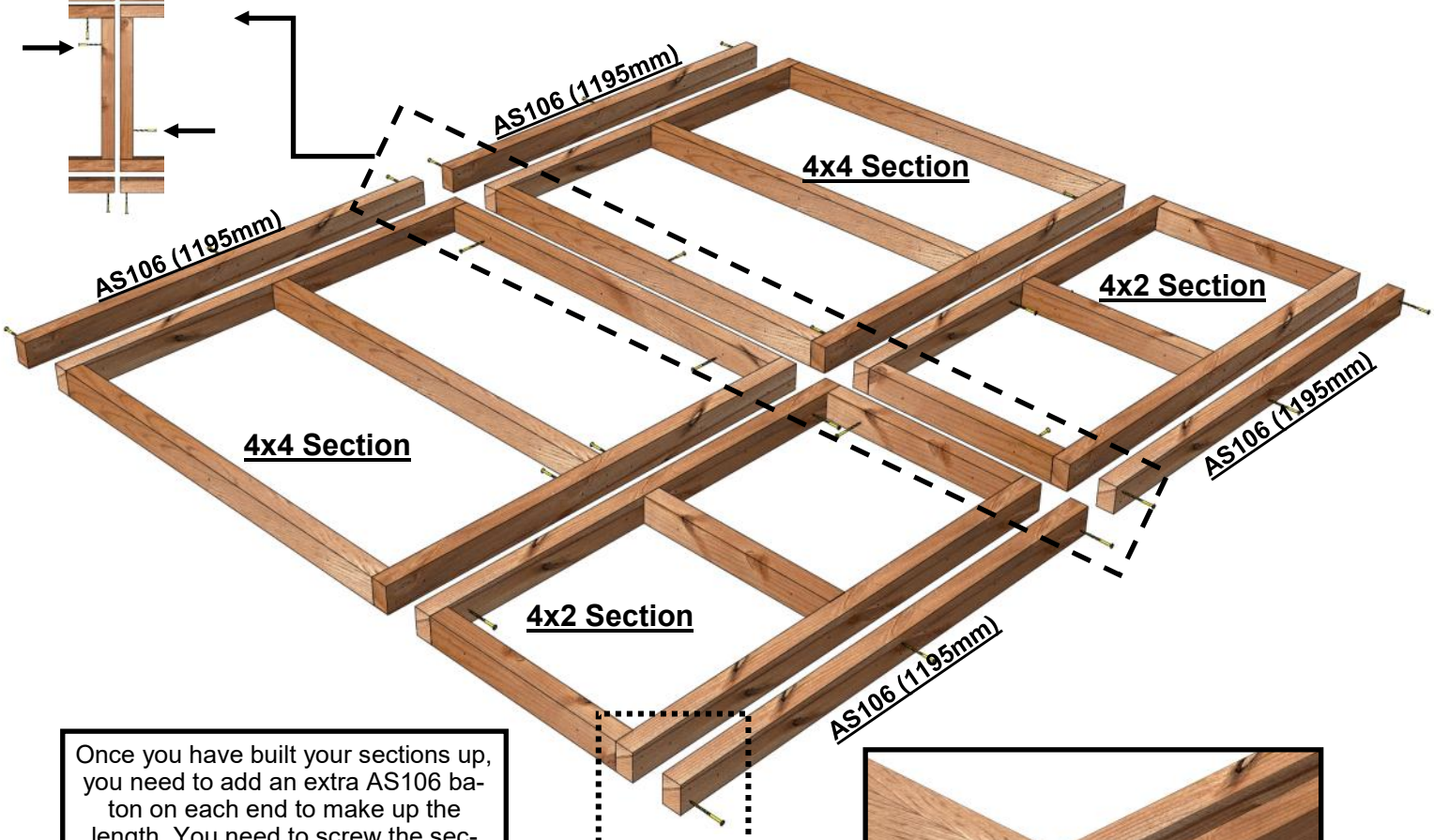


4x2 Section

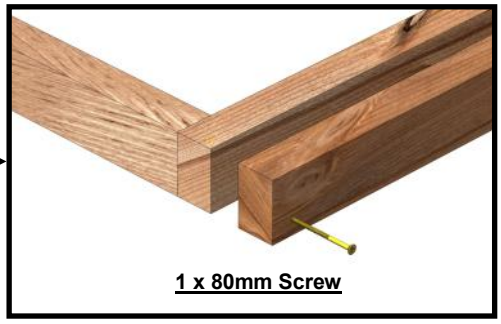




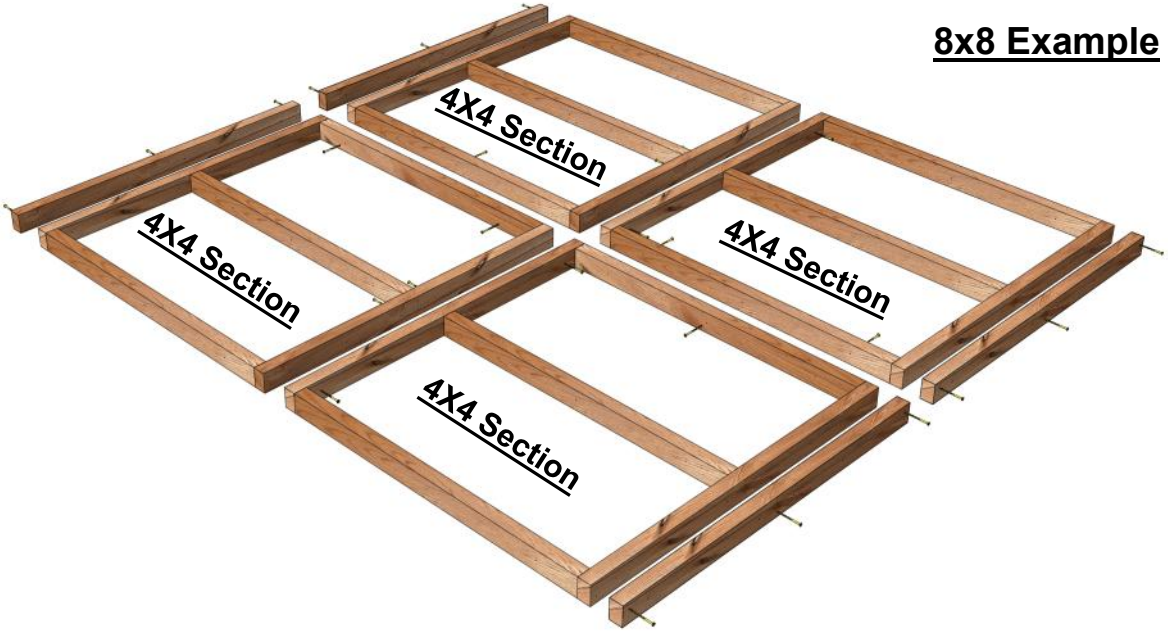
8x6 Example



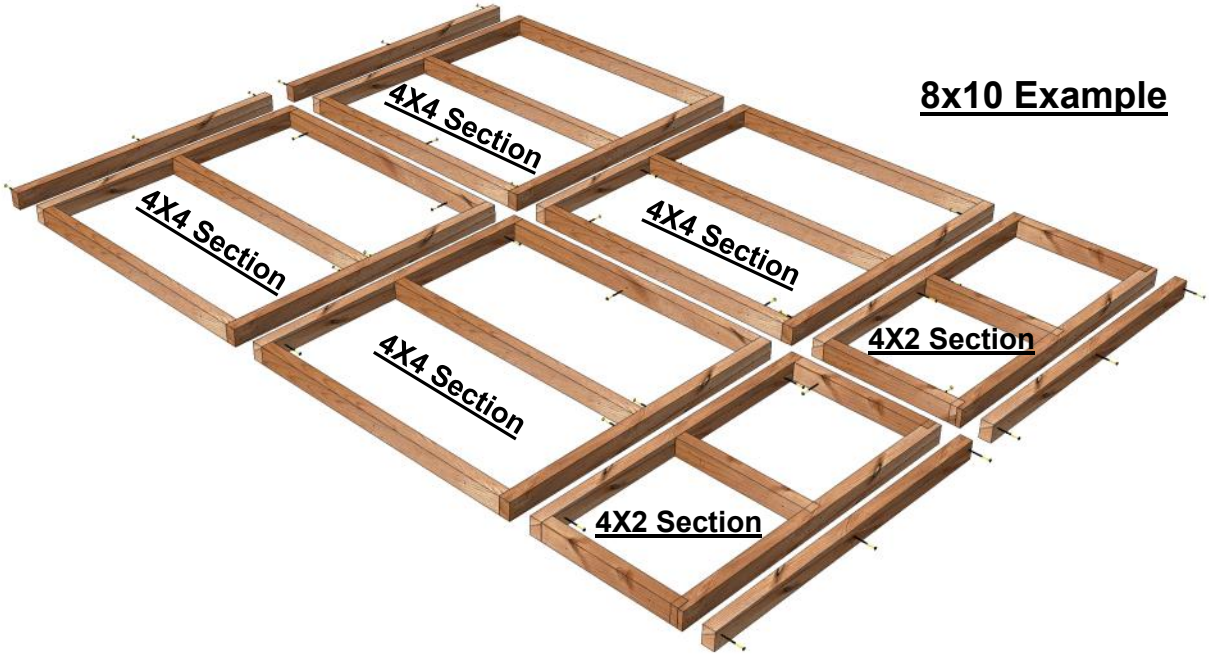
Once you have built your sections up, you need to add an extra AS106 baton on each end to make up the length. You need to screw the sections together using 80mm screws.



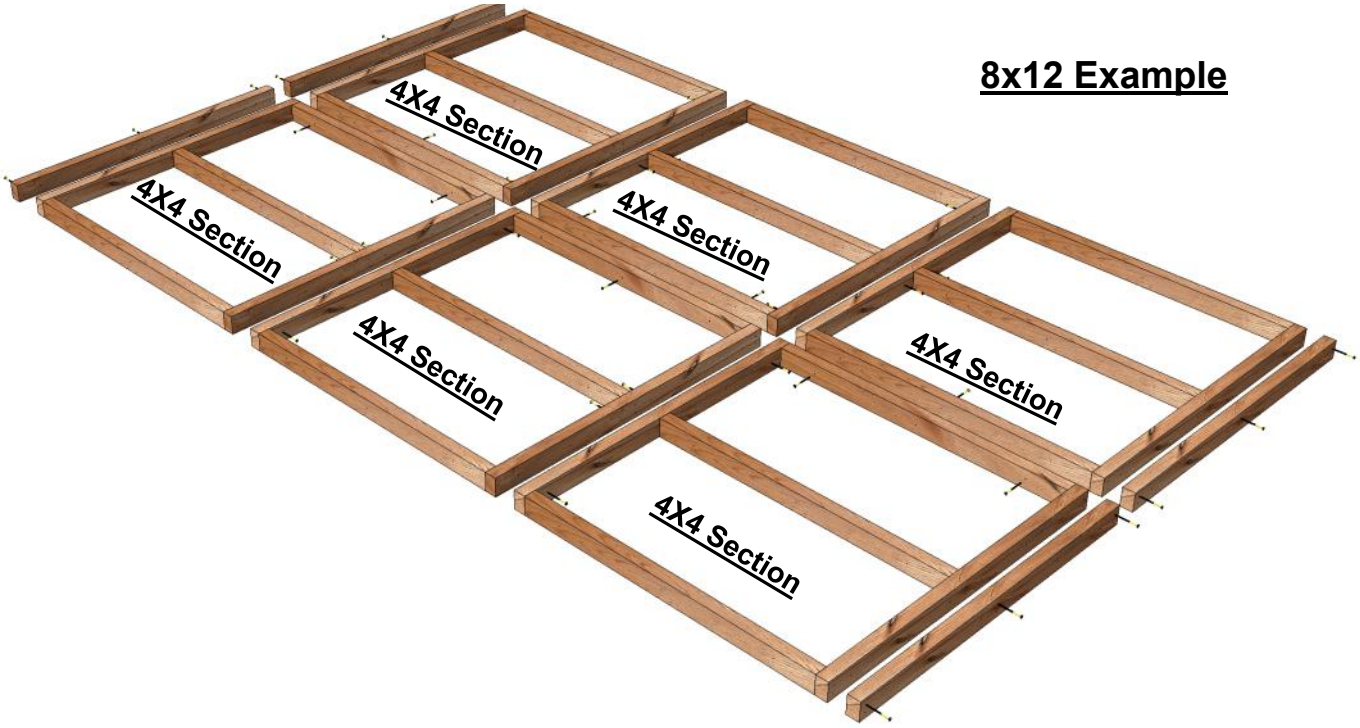
8x8 Example

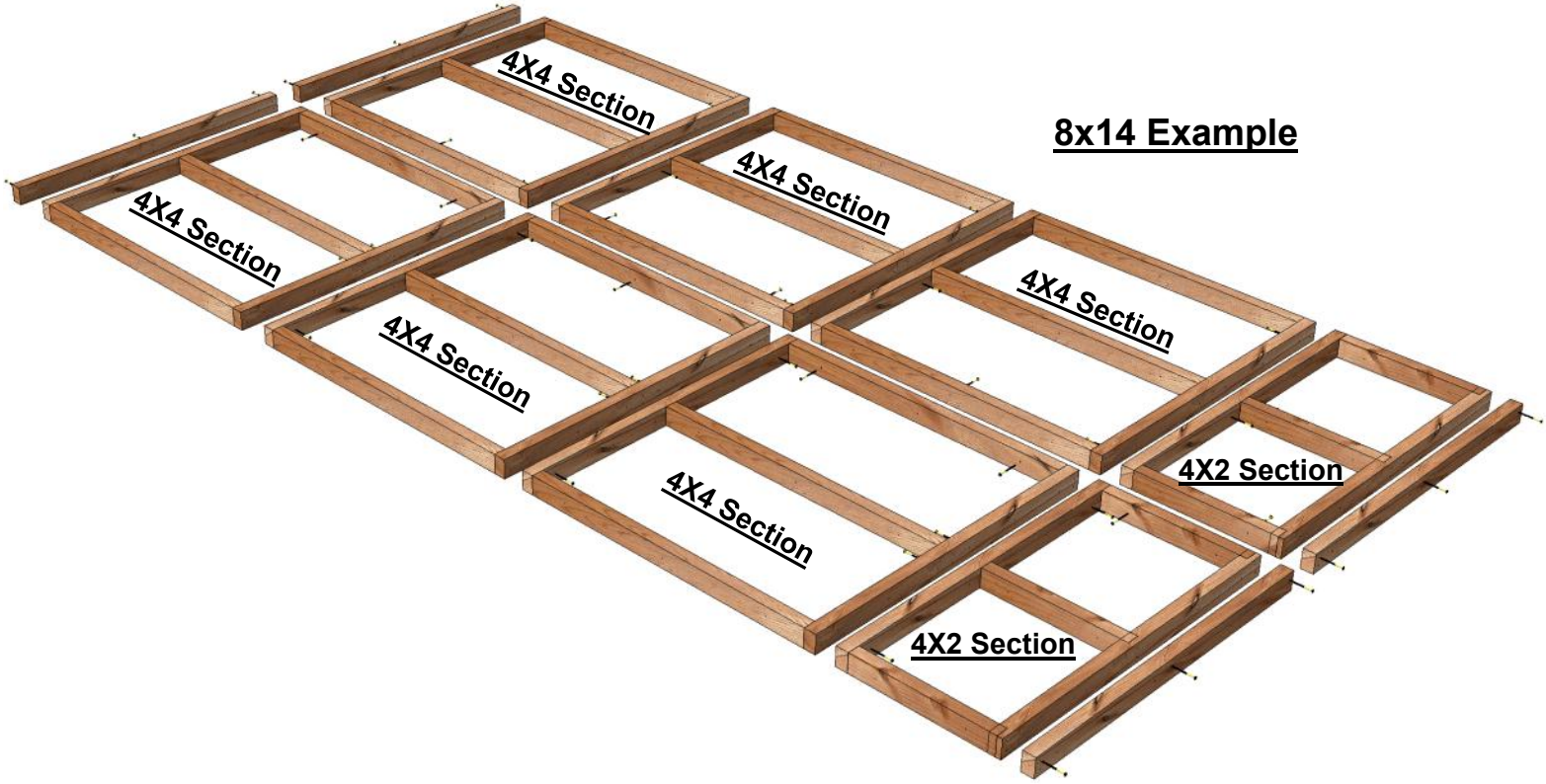


8x10 Example

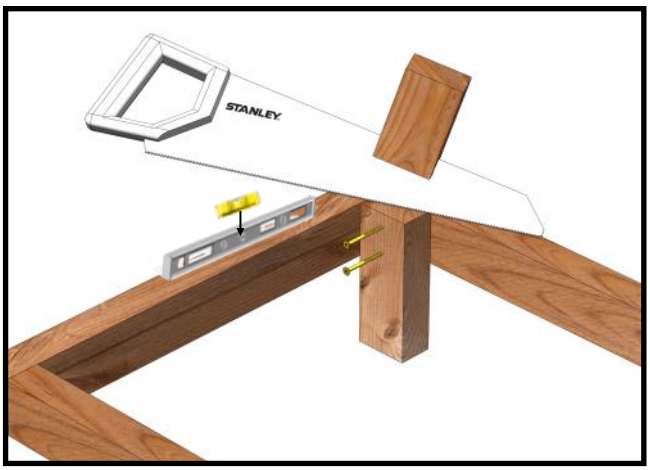


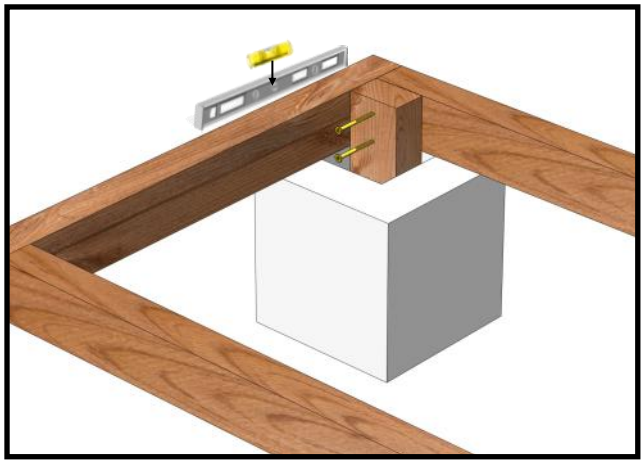
8x12 Example

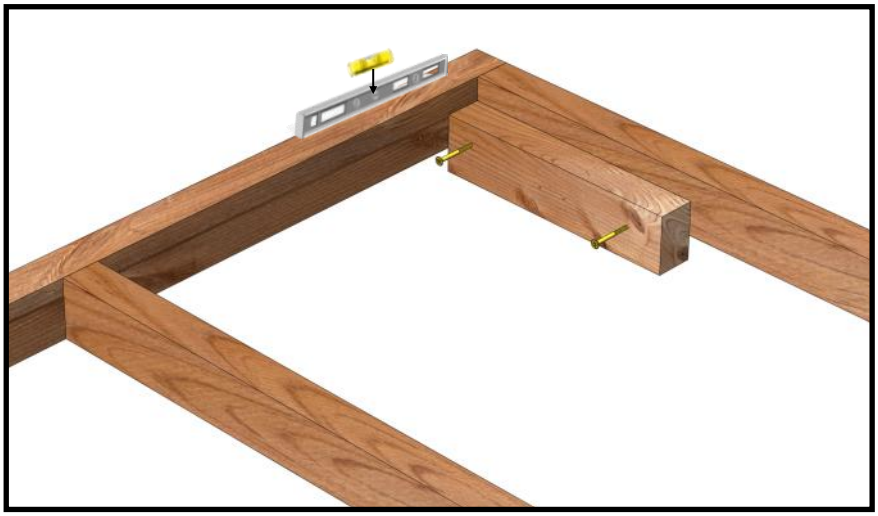




You will received **AS103 (300mm)** legs with your base. These are to help you level your base before you put the floor on top. You can either put the legs on vertically if you have a big gap to level and saw off the top, let the legs sit into concrete holes in the base below or lie the legs horizontally if you only have a small gap to level. Use a spirit level to ensure the level of the base. You can spread these around the corners of the base to get the best level possible.



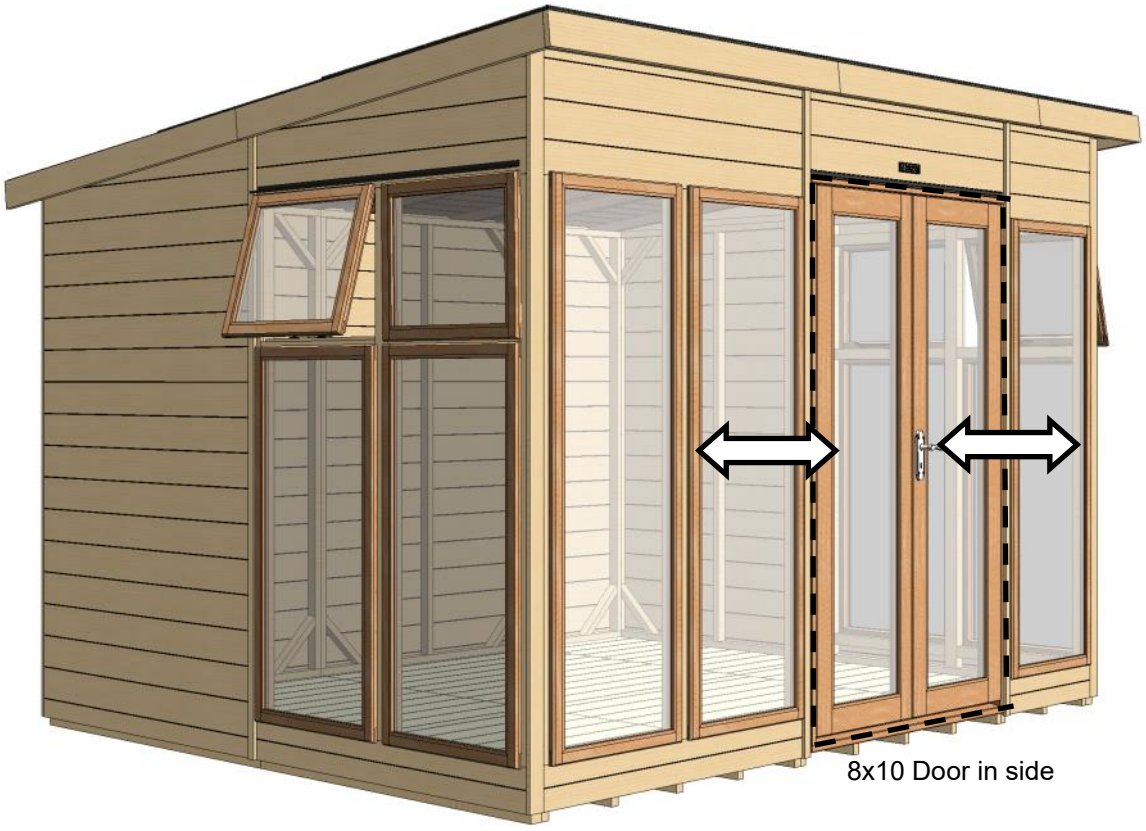




Panel Placement

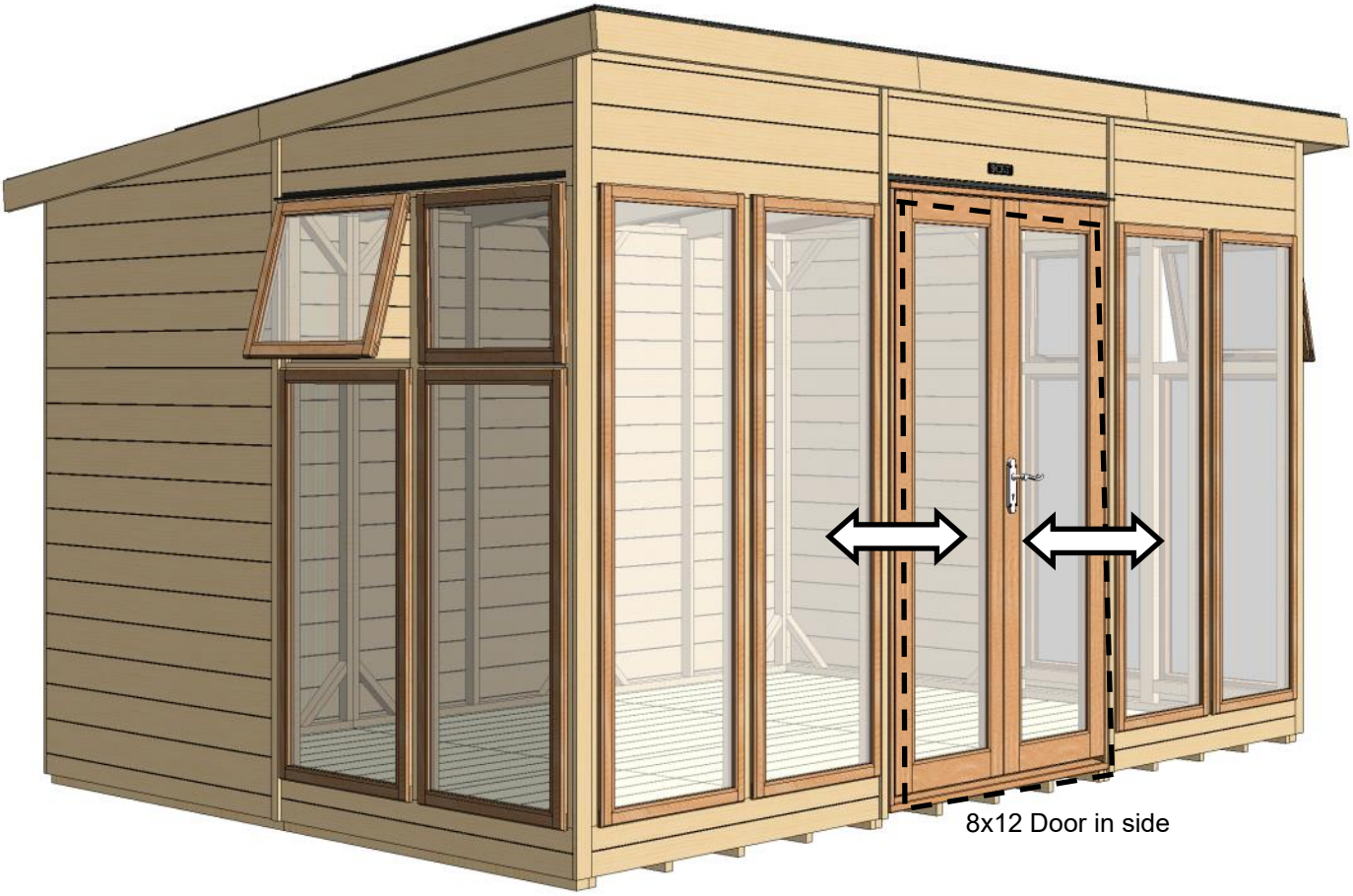
Because the side panels are the same dimensions, you can place the doors/windows wherever you want so you need to make this decision before you start. Below are some examples of what you could do

8x10 Door in gable



8x10 Door in side

8x12 Door in gable



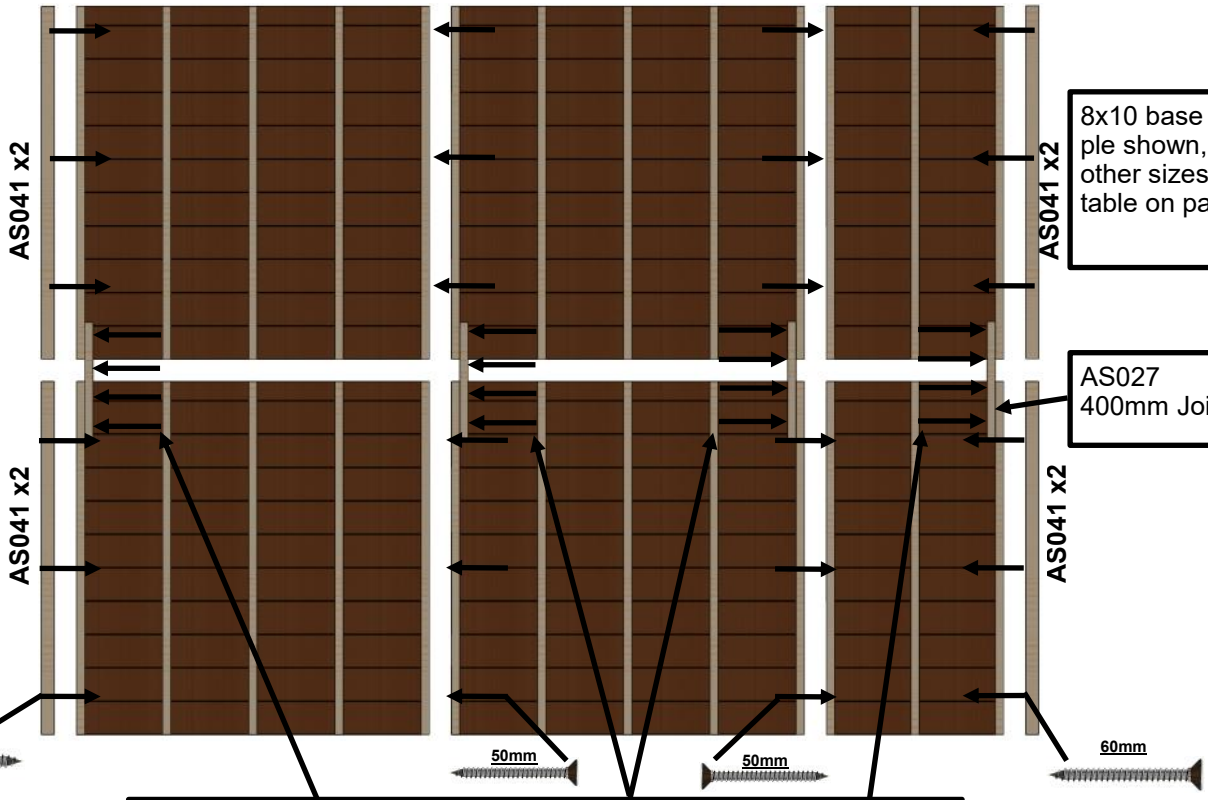
8x12 Door in side

Floor Assembly

Using **02-5001 Self drilling 60mm screws**, attach the AS041x2 to the ends as show on the diagram (right).

Screws every 2ft will be sufficient to keep the floor firmly held together

AS041x2



8x10 base example shown, for other sizes see table on page 3

AS027 400mm Join

Where two panels join use the **AS027 400mm** joining pieces of wood to join. Also screw panels together where two floor bearers butt up to each other. Use 50mm screws for all these.

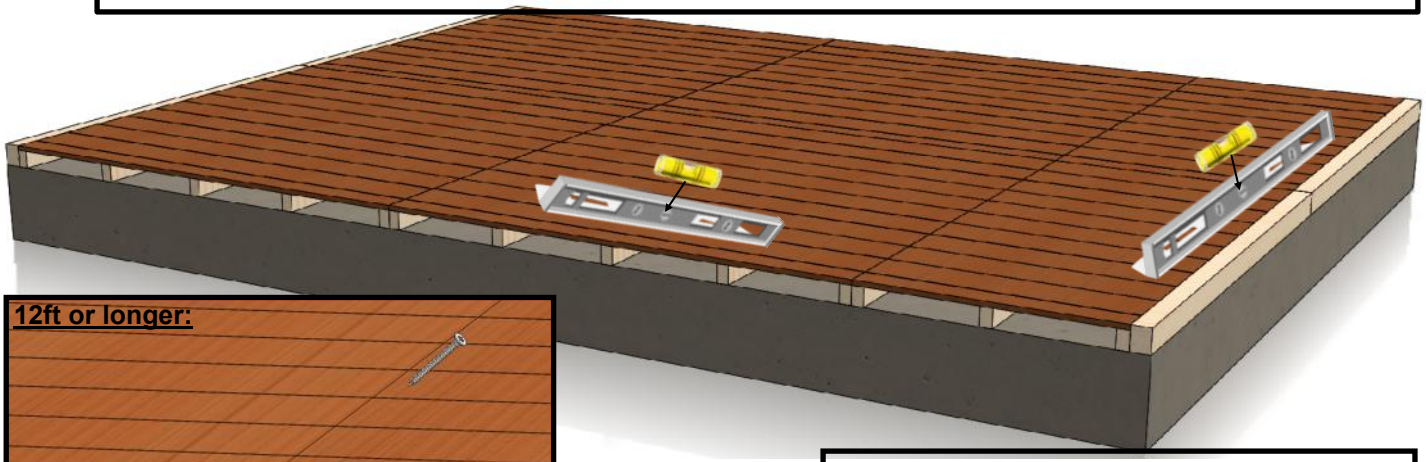
Laying the floor onto the base

Once you have assembled the floor you need to now lay this onto the base. Ensure the base is flat and level by using a sprit level. Then lay the assembled floor onto the base, once again checking that everything is flat and level.

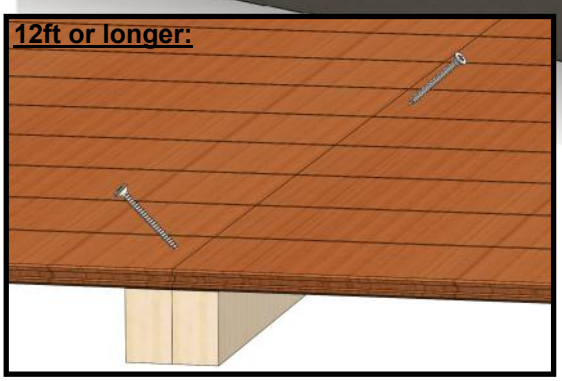
A flat and level base is vital because if it is not level then you will experience problems such as the door not opening or closing properly, the roof not fitting properly and you may get gaps appearing. Use the sprit level across the width and length of the floor.

NOTE: Flipping the floor over and laying it onto the base should be done very carefully to avoid damage to the floor.

If you're building a floor that's 12ft or longer then you will have to screw the floors together when they're the right way or because it will be too big to flip. Use **50mm Screws and pilot drill** and screw from the top where the floors join and angle them so the screw goes through into both floors.



12ft or longer:



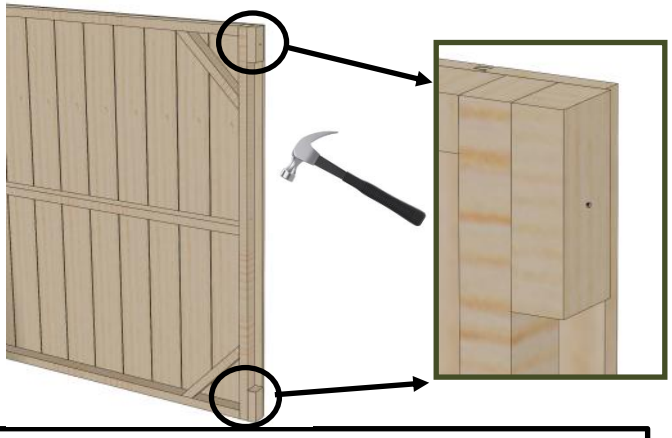
TIP:

Take time to make sure your original base + your wooden floor is level. The door will be affected if not level. If your concrete or slabs are uneven, you could consider ordering the optional Shedfast wooden base system

Sides Assembly

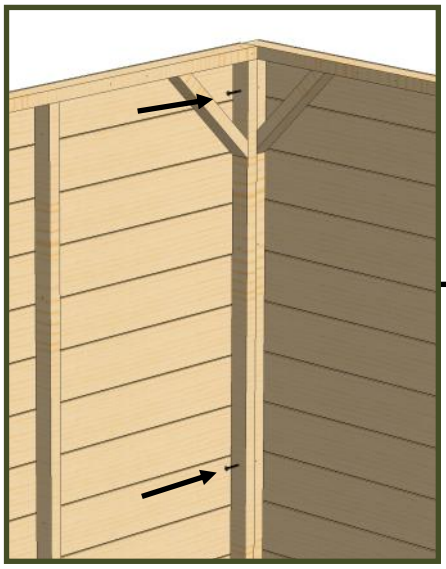
Removing the transit blocks

Before you start putting the sides onto the floor, you need to remove the transit blocks. They are nailed on to protect the overlapping cladding from snapping while in transit. Remove these blocks carefully using a hammer.



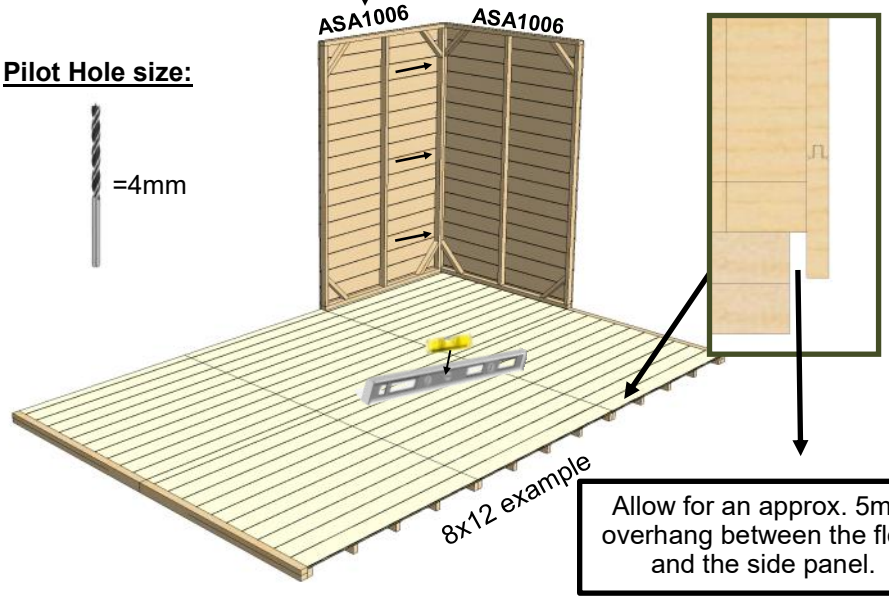
When attaching the sides together, use three **50mm wood screws** per vertical and ensure you make pilot holes with a 4mm drill bit.

NOTE: Because the plain, door and window panels are all the same size, you can position them wherever you want. There is no set order for them to be in, its totally your preference.

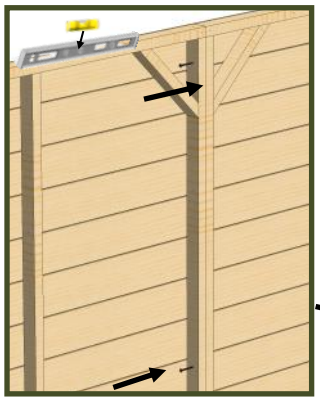


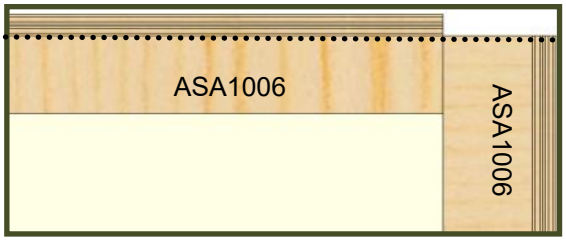
Pilot Hole size:

=4mm

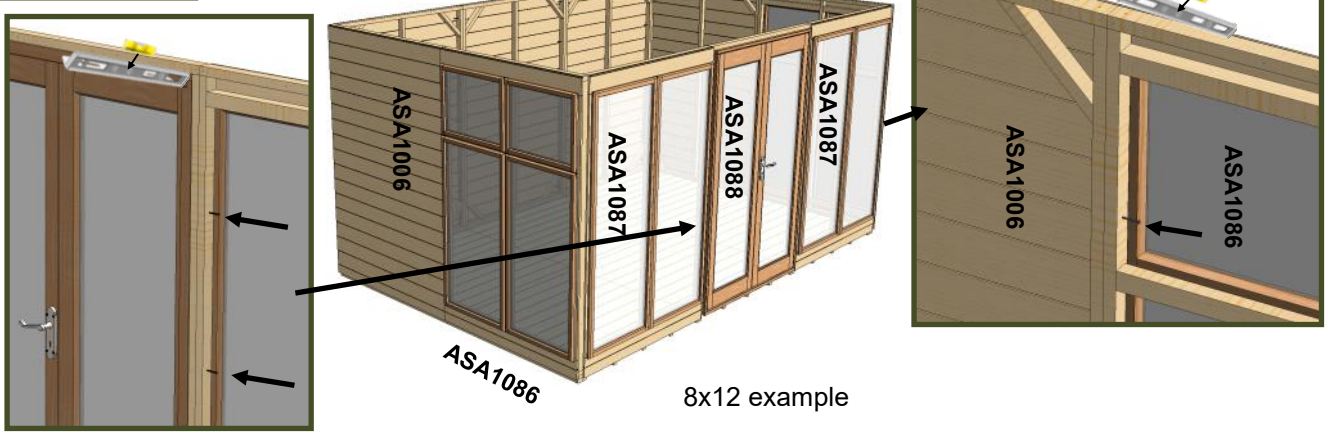


Allow for an approx. 5mm overhang between the floor and the side panel.





See how when the panels are lined up correctly, the cladding sits proud.

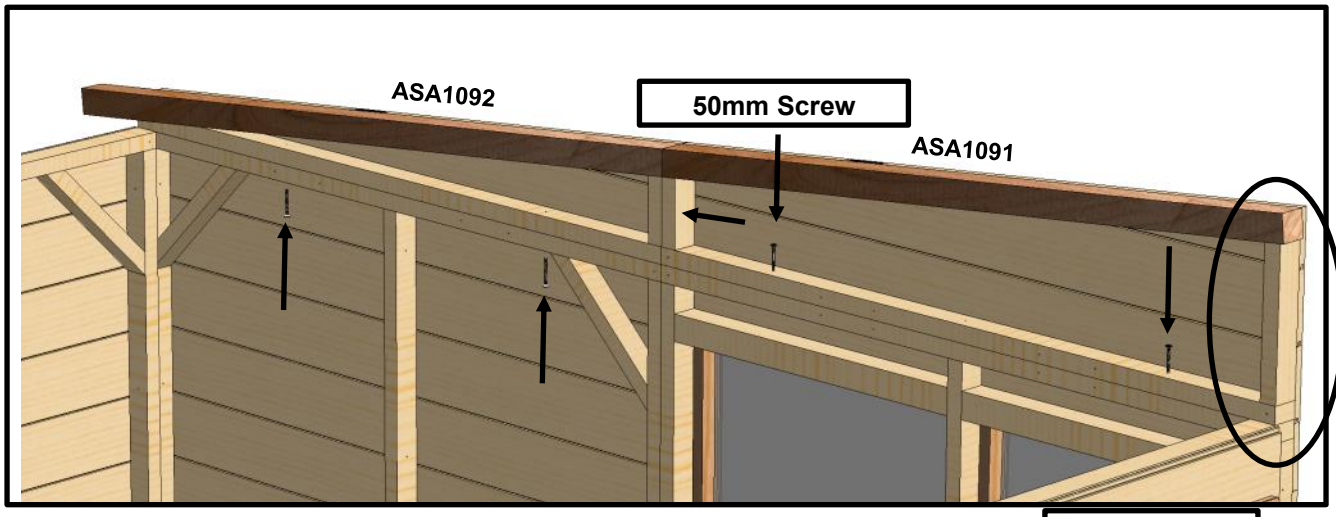


8x12 example

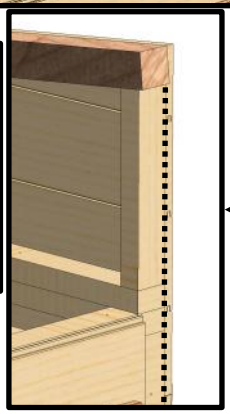
Door Handle

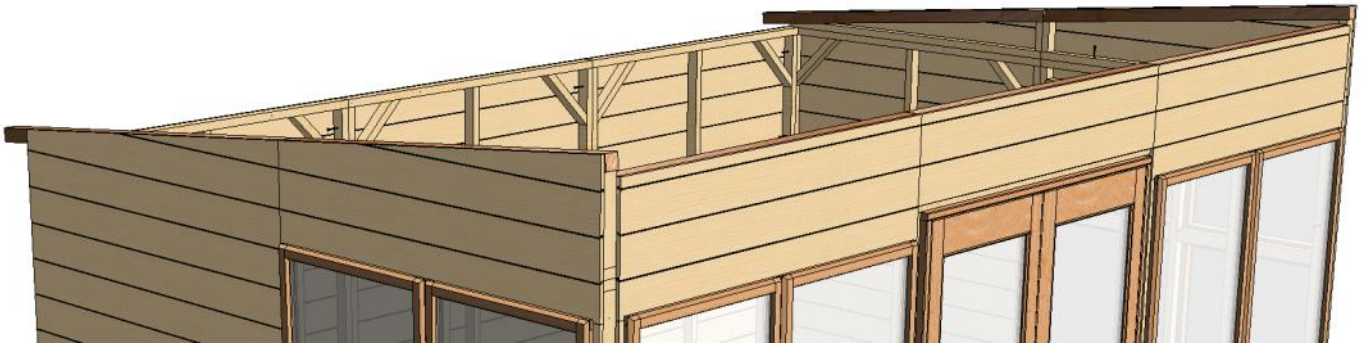
Your door will arrive already installed in the frame with the lock and lock plate attached. All you need to do is attach the door handle to install this to the building. Start by sliding the spindle through the top hole in the door then locate one of the door handles on this and fix with the screws provided. Repeat this on the other side of the door

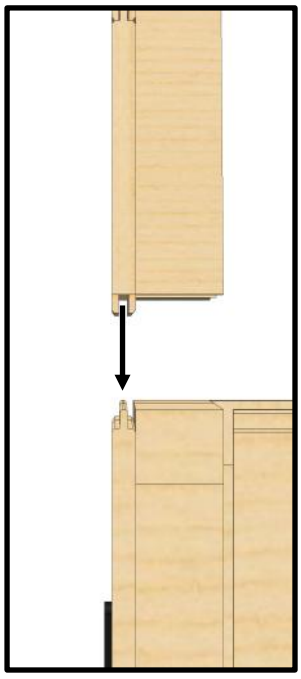
Top Panels

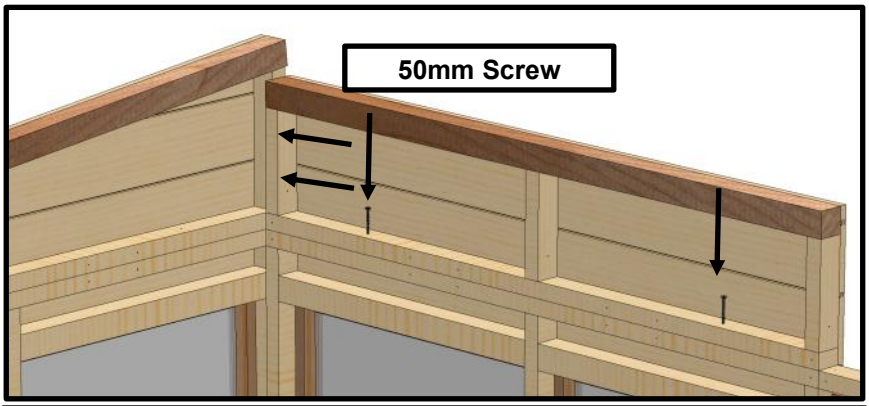


First of all, put the front ASA1091 into place and line it up flush with the front (see image on the right). Ensure the T/G is flush with the front (see dotted line). You can use **50mm screws** to attach these to the ASA1006 sides. Now, place the ASA1092 Next to the ASA1091 Using the **50mm screws** again. You might find it easier to screw up from the underside. Make sure to drill 4mm pilot holes before screwing to avoid the wood from splitting.









You can now install the ASA1094 Top Panels, make sure the tongue and groove slots. Again, use **50mm screws** to secure and drill 4mm pilot holes

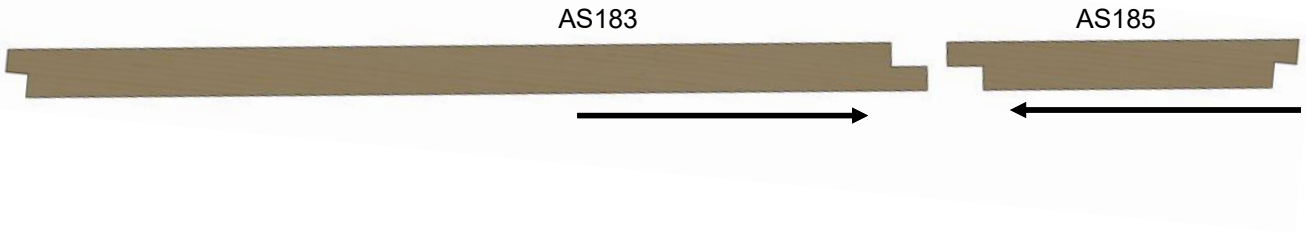
The tongue on the cladding on the panels above will overhang 7mm at the bottom, this is so that it can slot perfectly into the groove on the panels below to create a neat join.

Roof Supports

First of all, you need to assemble your roof support beams. You will receive 2 different lengths which will be held together with 2 screws from the top and then the bracket on the underside. See the below.

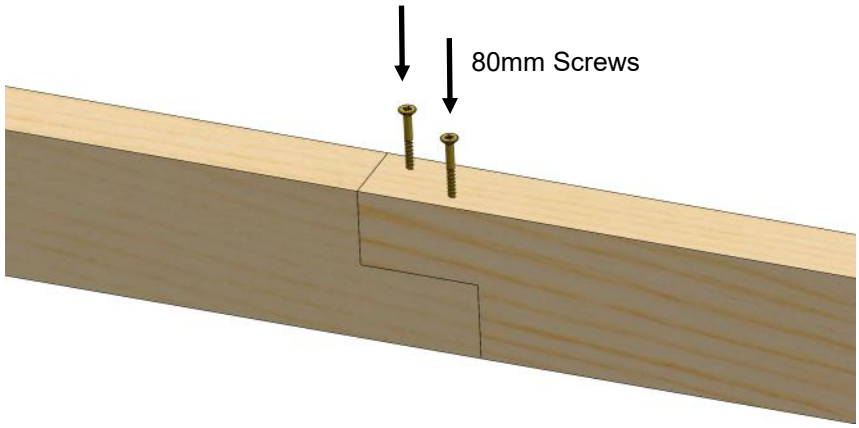
Step 1

Bring your two parts together as seen below



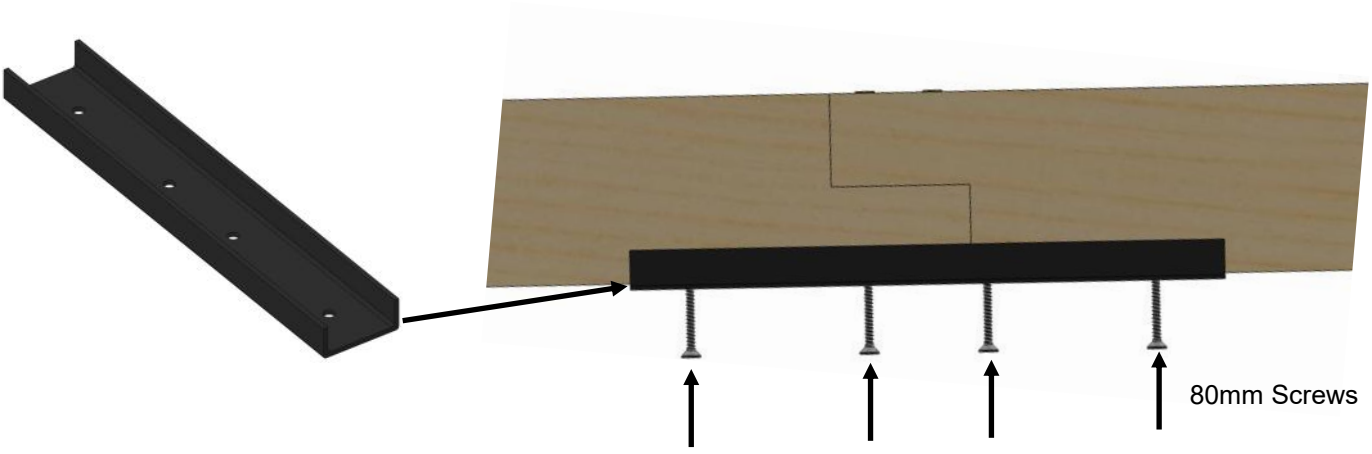
Step 2

Use x2 80mm screws to attach the two parts together.



Step 3

Equally space the bracket over the join and secure down with 80mm screws.

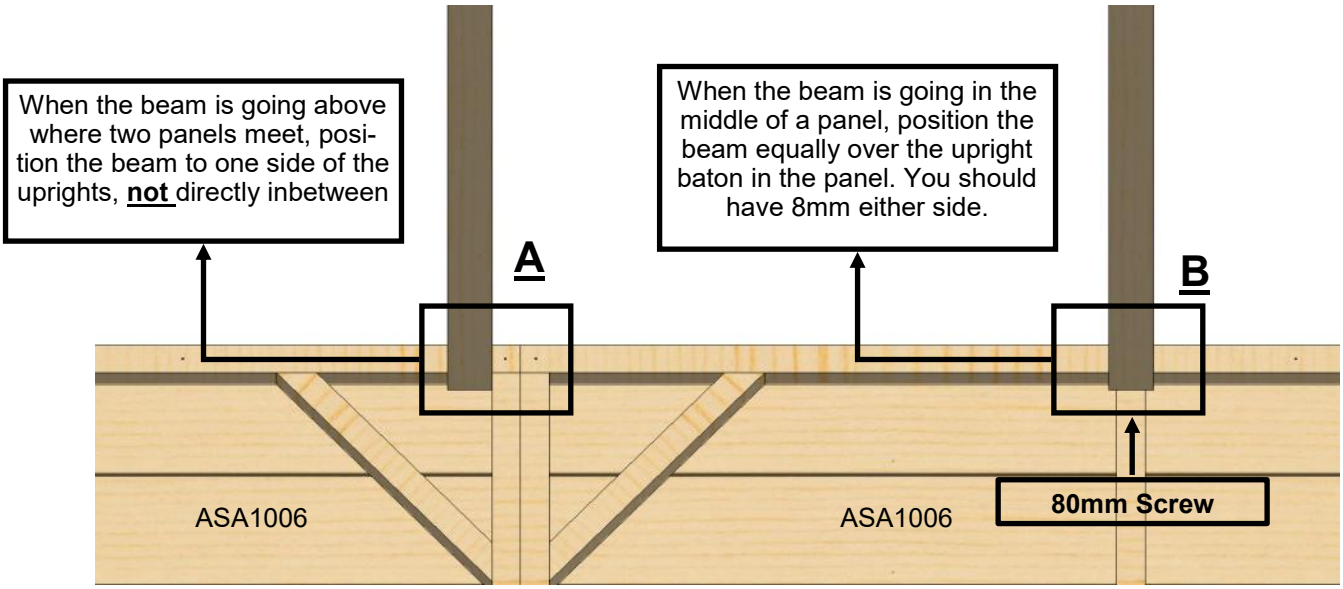


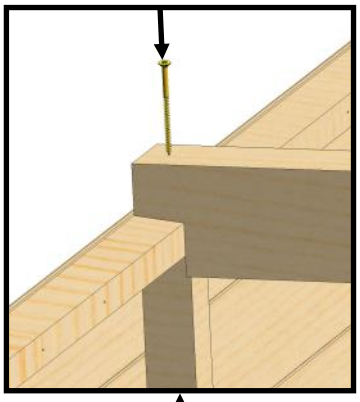
Roof Support Positioning

The roof support beams need to be spaced out in the correct position. See below for how to do this correctly

When the beam is going above where two panels meet, position the beam to one side of the uprights, **not** directly inbetween

When the beam is going in the middle of a panel, position the beam equally over the upright baton in the panel. You should have 8mm either side.

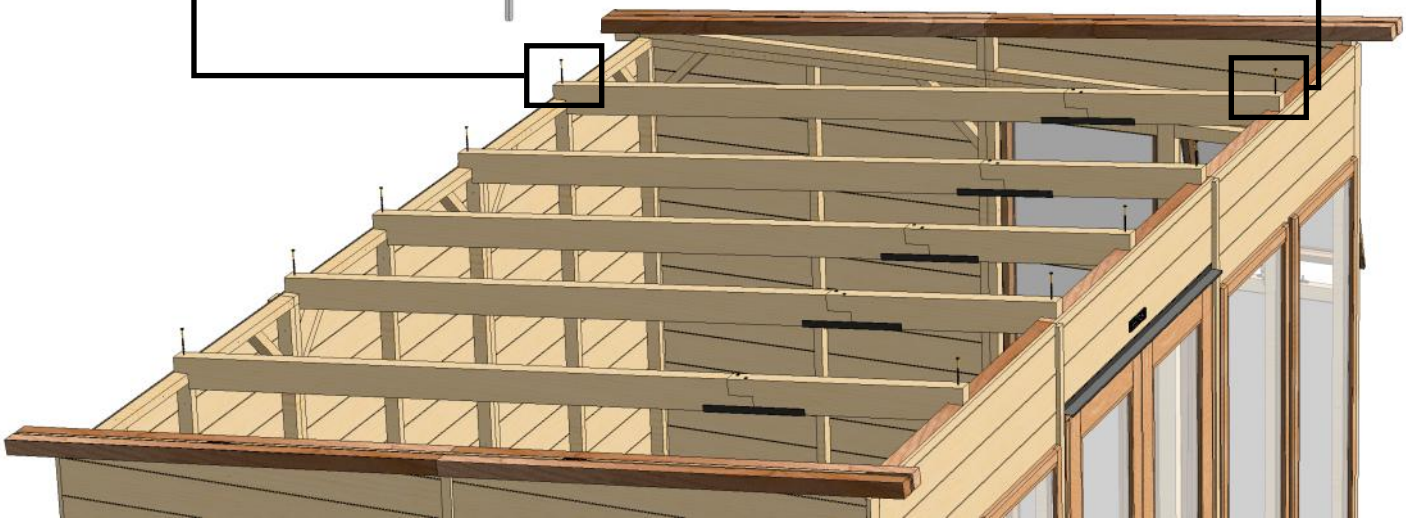




Once in position, secure down with an **80mm screw.** Make sure to drill 4mm pilot holes before screwing to avoid the wood from splitting. Repeat this process across the length of the building with the remaining beams you have.

For position A (above) use 2 x 60mm screws.
For position B (above) use 1 x 80mm screws

Pilot Hole size:

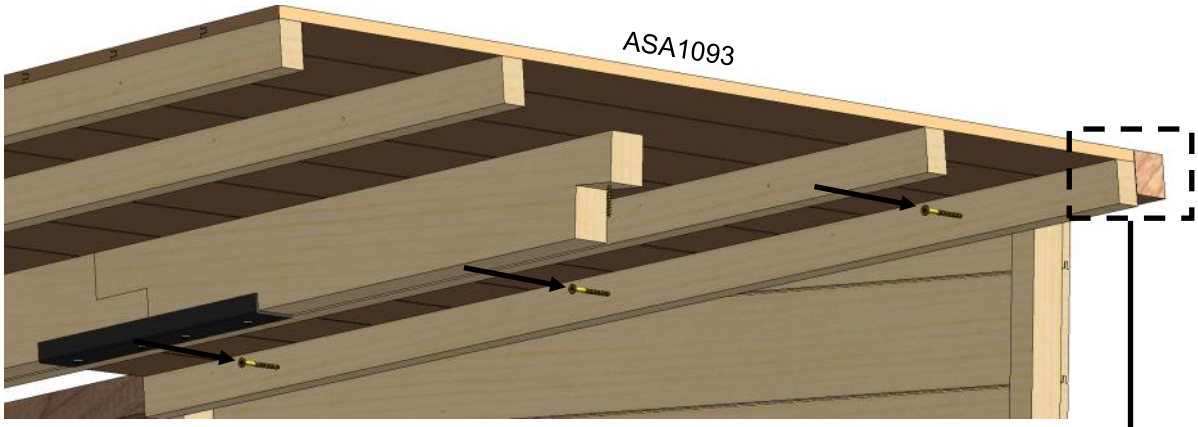


8x12 Example

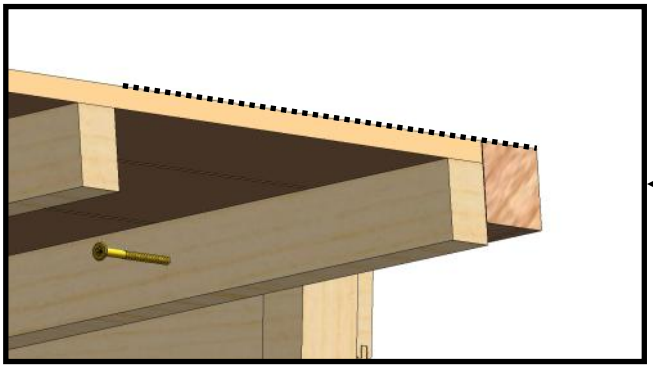
Roof Assembly

Get your first ASA1093 roof panel and hang it over the top of the roof beam you have place and secure the other end to the ASA1089/90/91/92 pent panels. Use **x3 60mm screws** for each panel. The image below shows you how you should have your roof flush with your 'pent panels'.

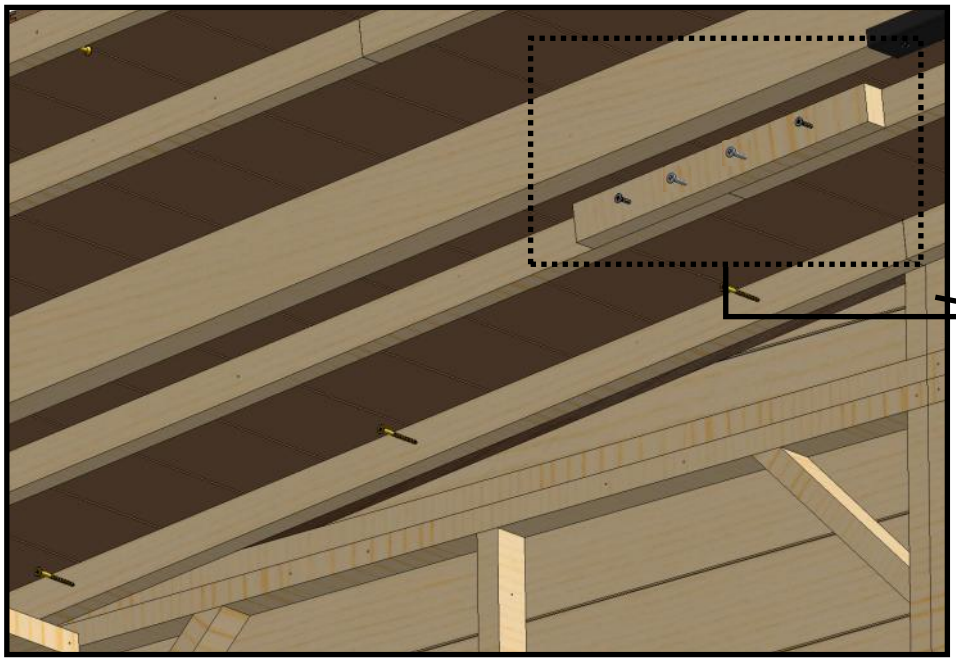
NOTE: Ensure to always match the roof panels with the side panels. For example, a 2ft roof panel has to go above a 2ft side panel. The same principle applies for a 4ft side and roof panel

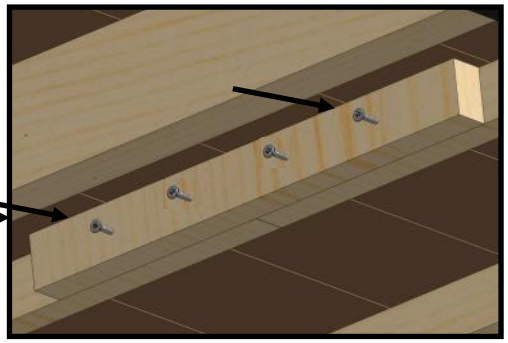


The top and ends of the roof should be flush with the top and ends of the pent side panels, see the dotted line on the image to the right



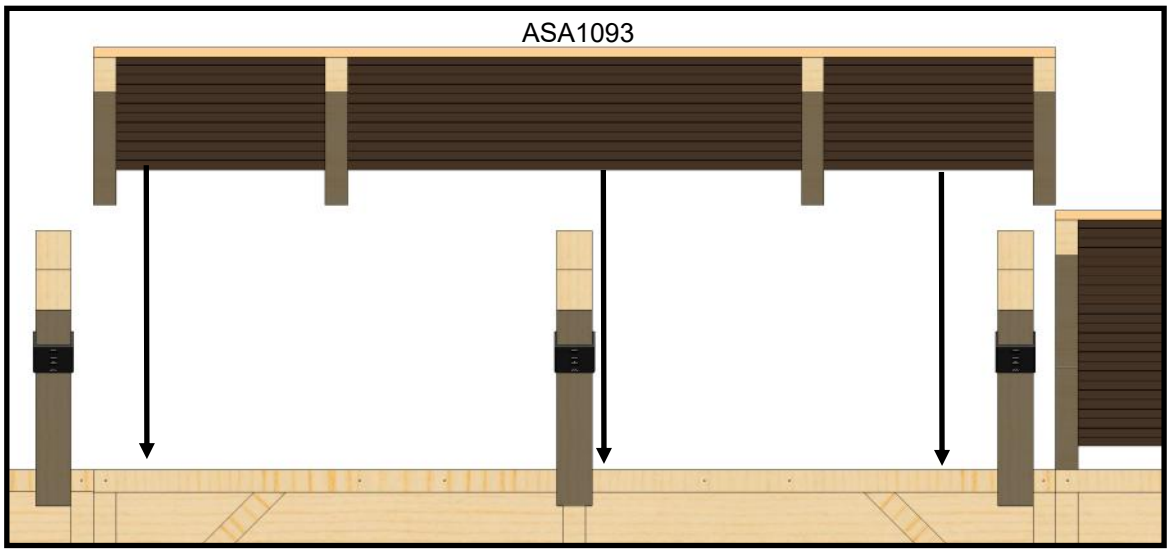
Repeat this process for the next roof panel for the back end, butt the roof panel up to the previously placed roof panel and ensure that it is flush at the back, like it is at the front. Once you are happy, secure to the side panels using **x3 60mm screws**. Where the two roof panels meet and there is no large roof support, you can use the **AS027** to secure the join even more, use **x4 50mm screws** for this.



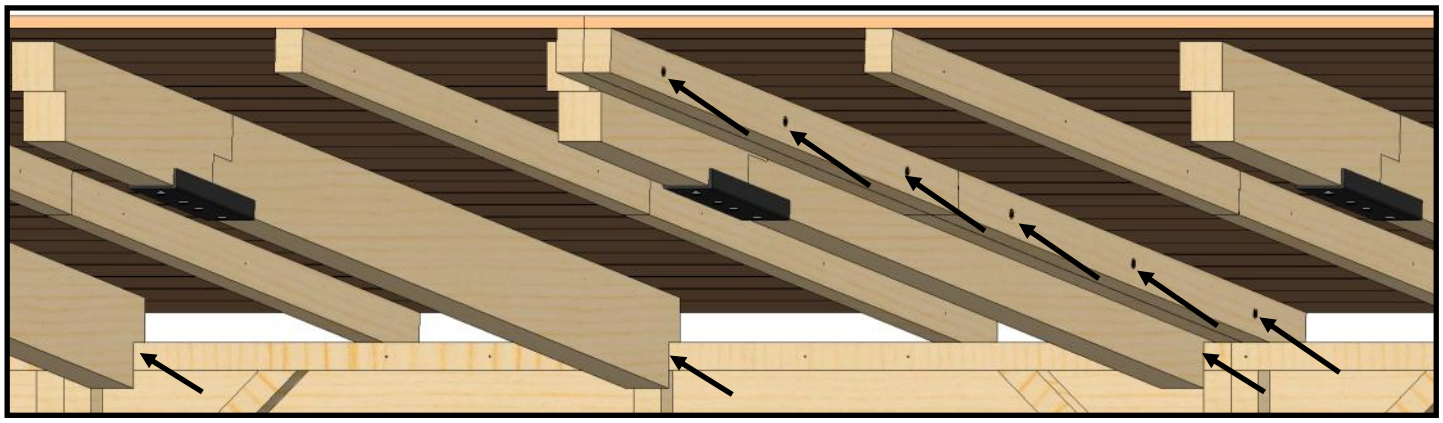


Roof Assembly

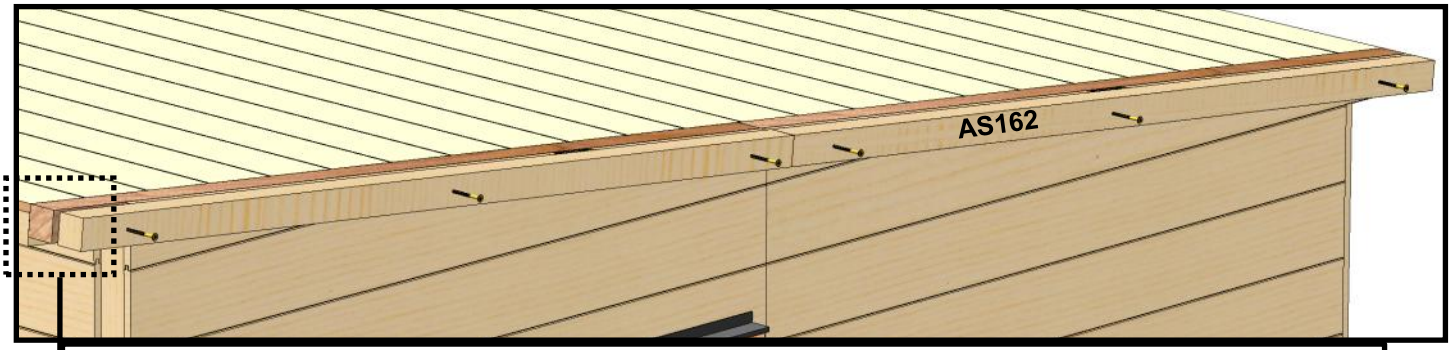
Now your first two panels are in place, you can work across the building inserting the rest of the panels. If you have placed roof supports correctly, as shown on page 14, your next roof panel along should fit into the gap. See below.



One you have this panel slotted into place, fix to the roof supports/roof panels next to it using **x3 80mm screws** for each **ASA1093** Roof Panel, now you can do panel on the rear side.



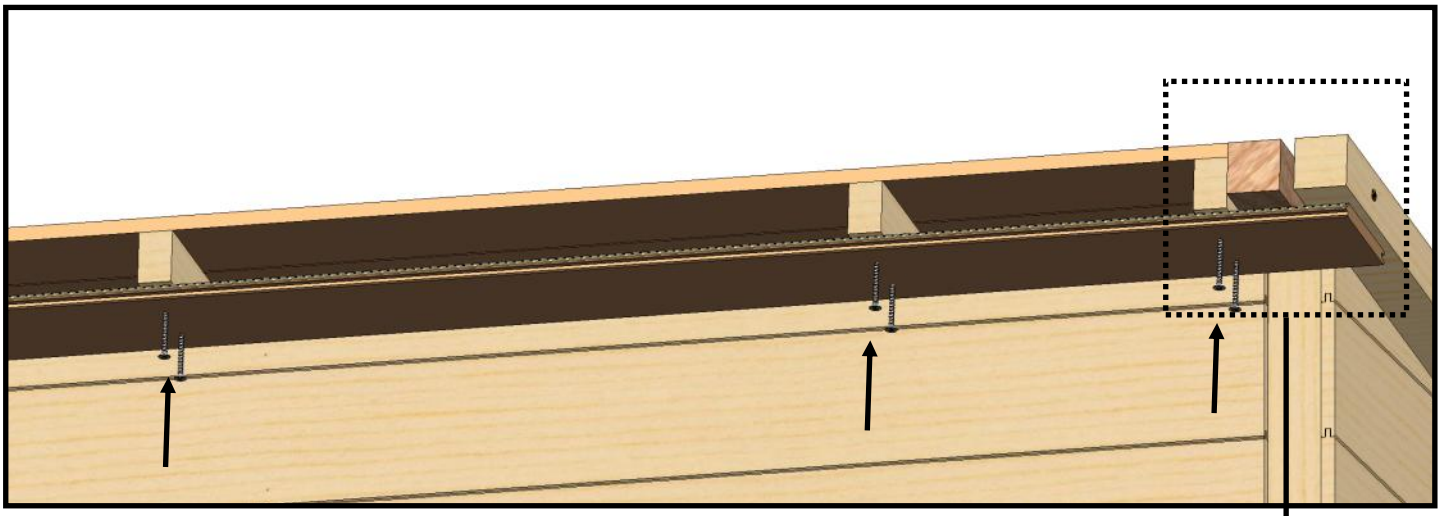
Repeat these steps across the building, ensuring all roof panels are properly secured to the roof joins and other roof panels next to them. Make sure to include the AS027 where 2 roof panels meet in the middle to secure the join as previously seen. **Put 80mm screws diagonally (see arrows) at the top and bottom of the roof support**



Now it is time to attach your **x2 AS162** pieces to the outside of the building. These will go flush up to the batons on the ASA1089/90/91/92 pent panels. Attach using **x3 60mm screws** for each part. Do this on both sides of the building too. They create a space for when you put the facia so this step is **important.**

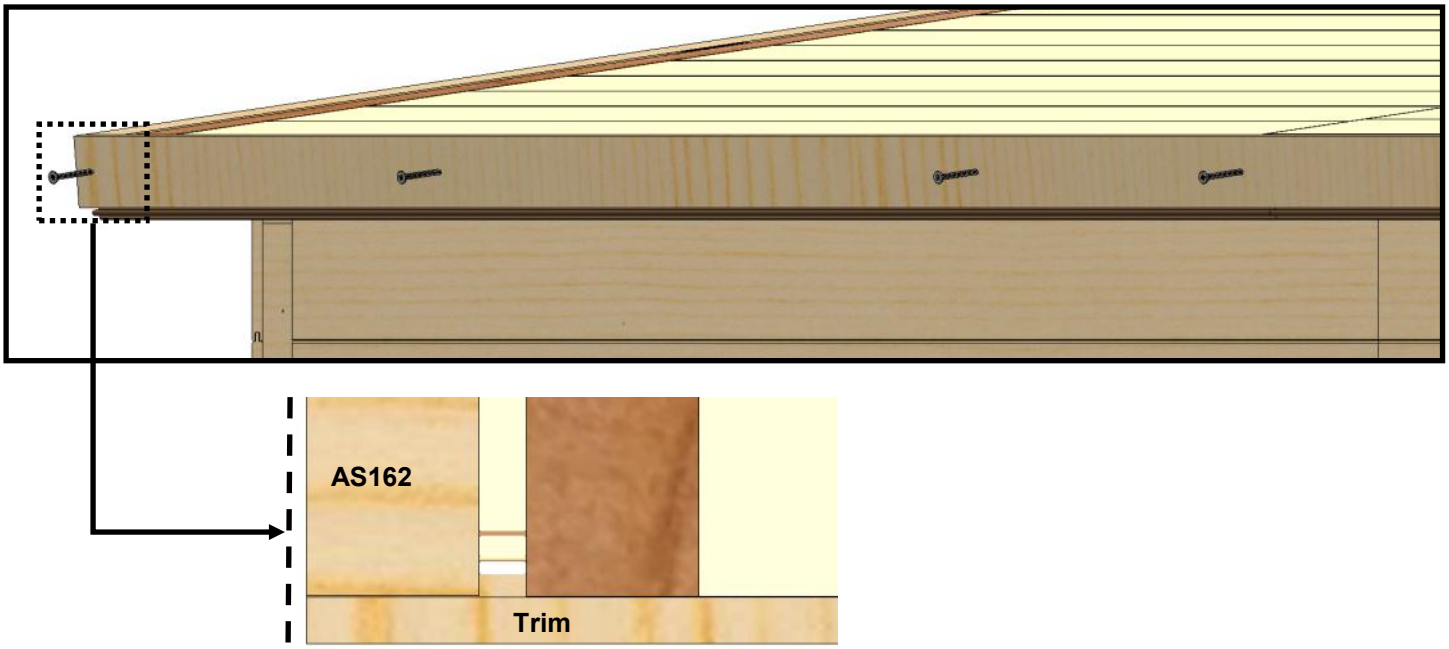
Roof Assembly

The next step is to attach your soffit boards These are boards that go on the underside of the overhang on the roof at the front and back. You can use **35mm screws** to secure this to the roof. Make sure to screw into the roof bars when you do this. Repeat this across the building and at the back too. **On some sizes, you will need to trim the boards down to fit.**



Make sure the edge of the soffit board is flush with the edge of the **AS162** you put in place previously. See the dotted line

Now you need to attach the **12x56** trim at the back, this will cover up the gap at the back and also be something to nail your felt to when you get to that stage. You will need to cut **the AS024/AS172** to fit the space for your building The sides of these will line up with the sides of the soffit boards. Attach these with **50mm screws**. Line the screws up with what you did on the soffits to ensure you screw into a roof bar.



Aerial View

Felting

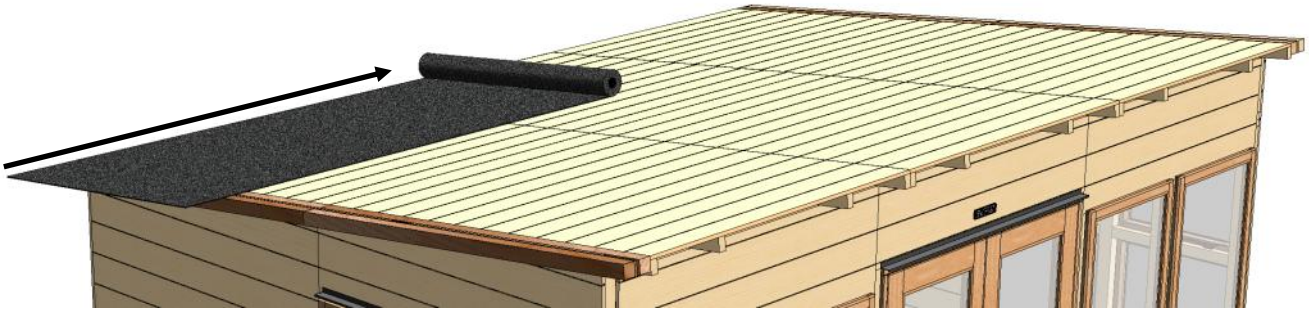
How to cut felt:

- Unroll out on the floor
- Mark correct length both sides of the roll using a tape measure.
- Use a straight edge as a ruler and cut with a Stanley knife
- Be cautious when cutting as if you cut one piece too big then the left overs will be too small.

Lengths to cut to	Felt 1m Wide
8x6	2122mm x3
8x8	2722mm x3
8x10	3322mm x3
8x12	3921mm x3
8x14	4521mm x3
8x16	5121mm x3

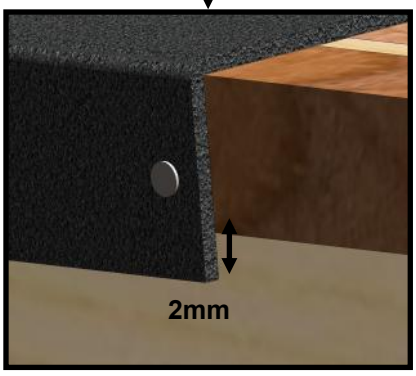
Felt Clout
02-1675

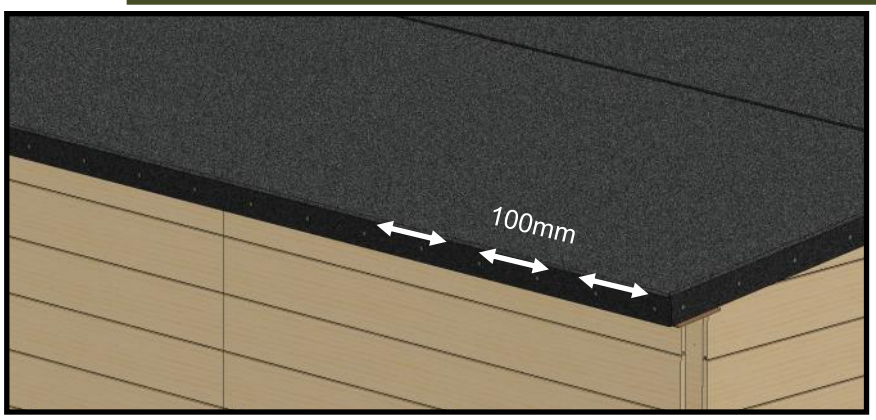
One you have cut your felt to the correct length for your building, roll it back up and place it on top of the roof. Its easier to move around if you roll it back up. Position the roll of felt at the back of the roof as that is the bottom of the slope, this is so when the next pieces overlap, the water wont run inside of the felt. Once its rolled out, space it out evenly so that it overhangs 50mm evenly over each gable end and around 2mm at the eaves of the roof. Now its in the correct position, place a Felt clout at each top edge to stop it from sliding. Pull it down so its nice and flat and begin to tac at the eaves.



The felt should overhang slightly by about 2mm. It should not be tucked under or nailed 'up'. Also overhand the end by 50mm

Felt clout paced at the top (each side) to stop it from sliding down. You only need two or three felt clouts along the top as the next piece will overlap and be fully nailed down. Put some nails on the side but you will only need a few as the facia board

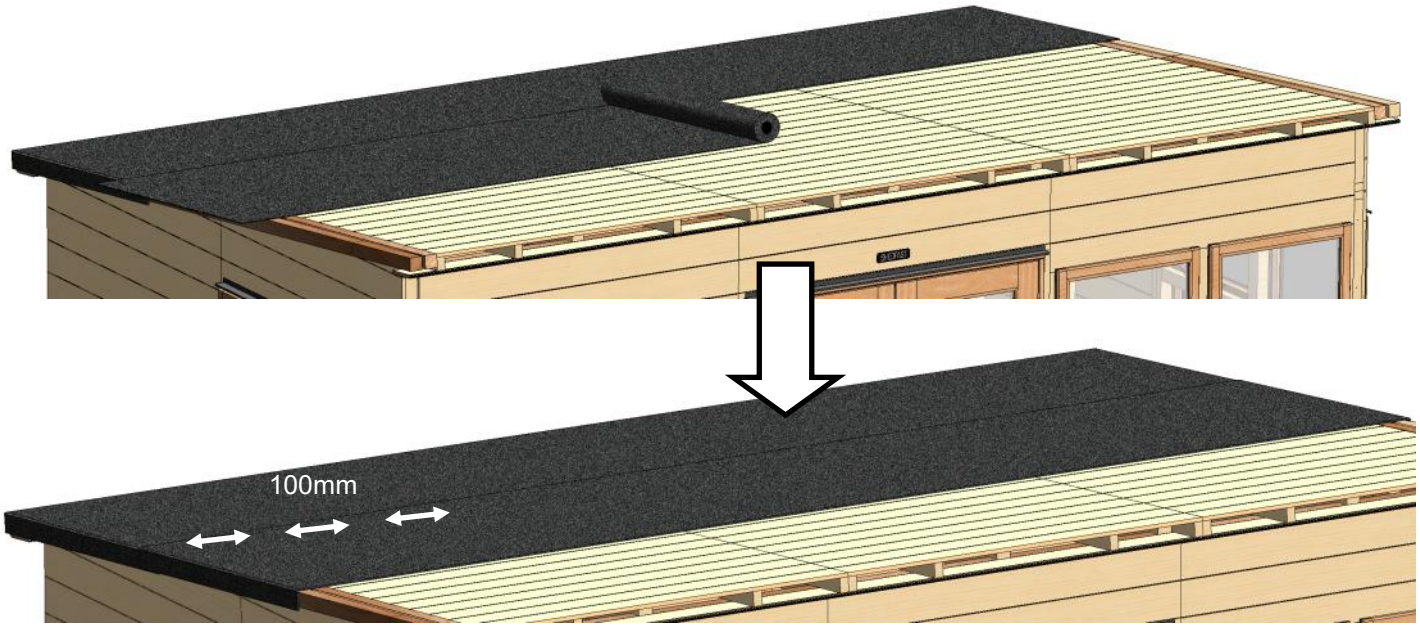




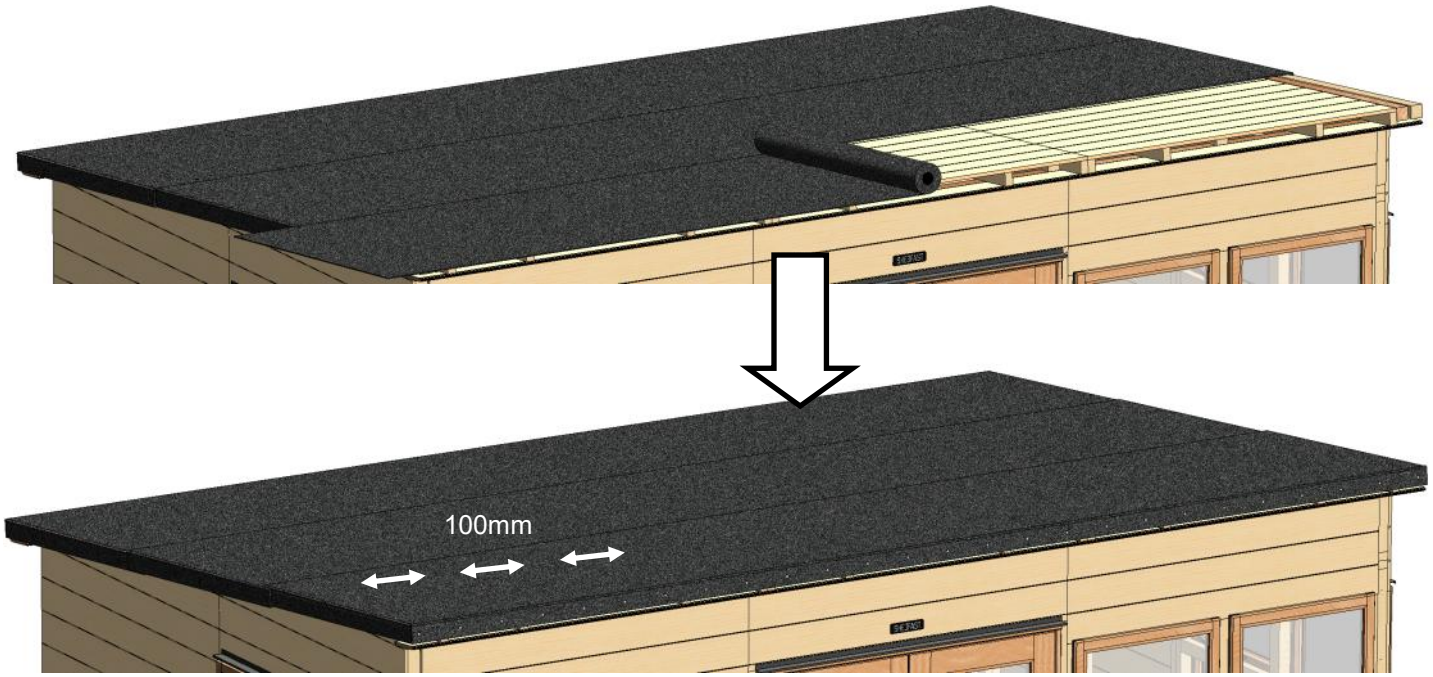
Put clout nails across the back spaced approx. every 100mm. You can nail down into the trim previously placed.

NOTE: Take extra caution when leaning on the roof to do the felting

Lay the next roll of felt across the top of that, there needs to be at least 100mm overlap between the layers. Put tacks every 100mm across the roof to secure it down and some down the side too, the side will get covered by a facia board. Make sure you are still getting a 2mm overhang from the bar like before so the water can drip off.

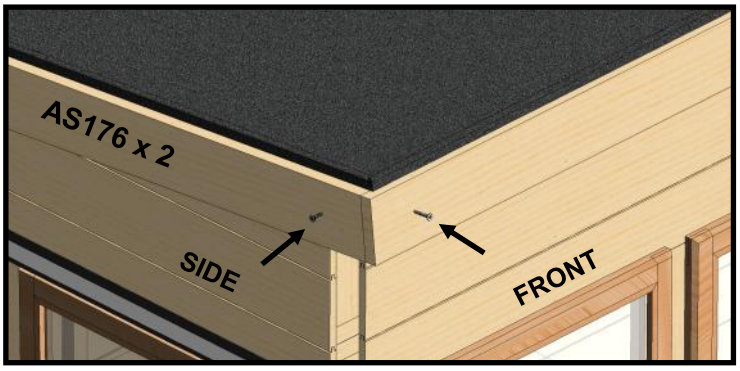


Lay the final roll of felt across the top of that. Make sure there is at least 100mm overlap between the layers. Put tacks every 100mm across the roof to secure it down and some down the side too, the side will get covered by a facia board. Make sure you are still getting a 2mm overhang from the bar like before so the water can drip off. Put some tacks across the front, this will get covered by a facia board. Line the tacks up with the screws in the soffits to make sure you are nailing into a roof bar



Facias and Capping

Attach the facia boards with **x4 35mm screws** for each facia board. The facia on the sides should sit inside of the front facia, see below. **Please note: There are no facias to go on the back**



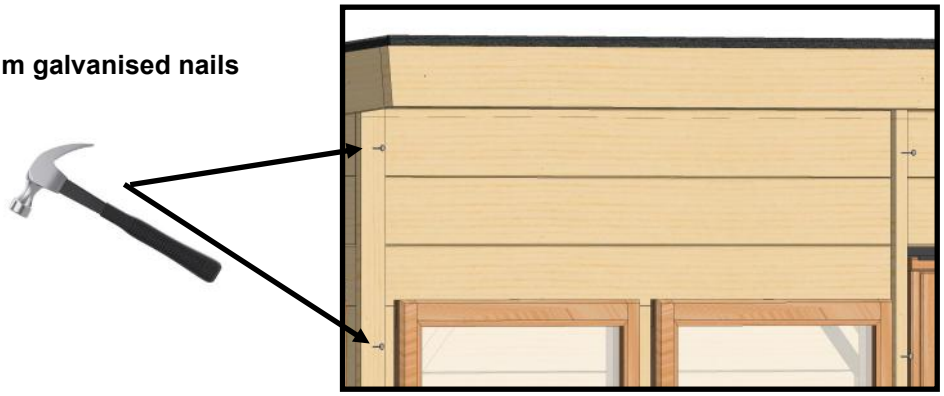
Use **2 x AS176** Facias on each side

Your facias will be in different lengths for the front. Its best to make sure the facias match with where the joins in the panels are so the joins in the facias can also follow suit.

8x12 Example

Now go round the building attaching the capping using **40mm galvanised nails.** The tallest pieces go on the front, and the smallest pieces go on the back. The **12x28** capping piece are to go inbetween window/door panels on the front and sides. The **12x56** capping is to go on the ends of the front and also all across the back.
NOTE: You will need to cut the 12x28 trims for the side down to 2020mm.

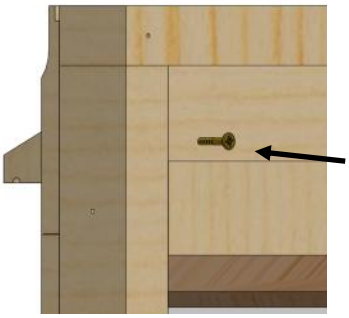
40mm galvanised nails



4/5 nails on each piece of capping to properly secure them to the building

Weather Strips for above opening windows and doors

Profile



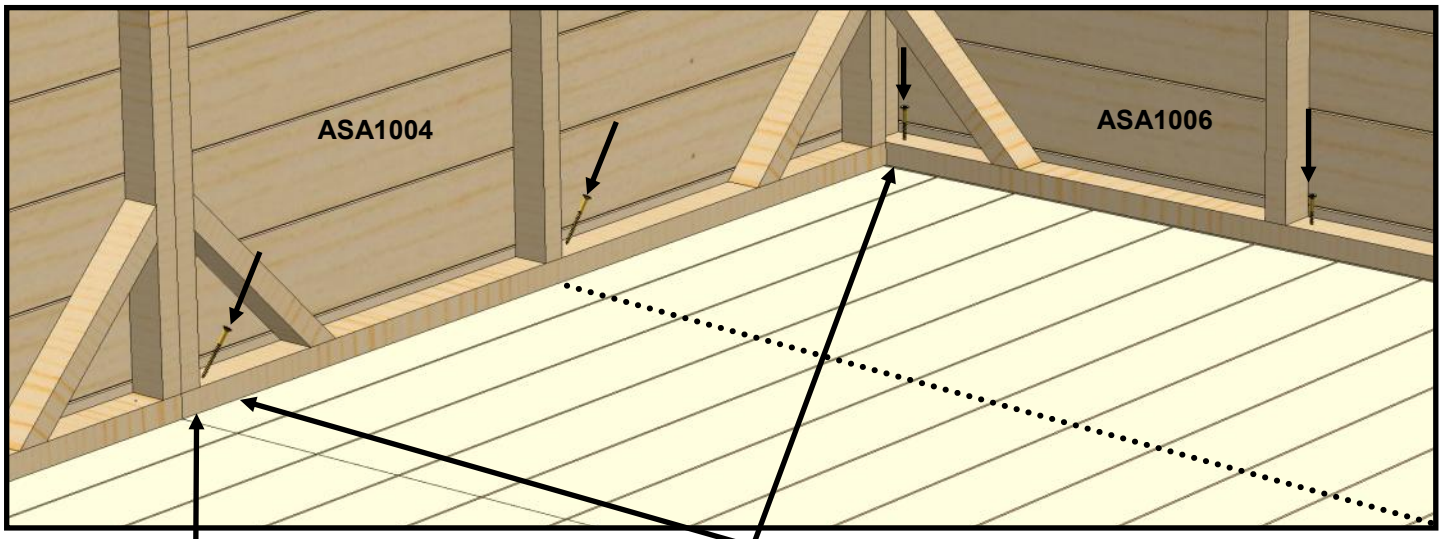
The weather strips can go above the door and the opening windows. Attach these with **x3 35mm screws** from the inside (see above)

Fixing the sides to the floor

Now you have the roof fixed in position its now time to secure the sides to the floor. We do this last so that it is easier to square the roof up

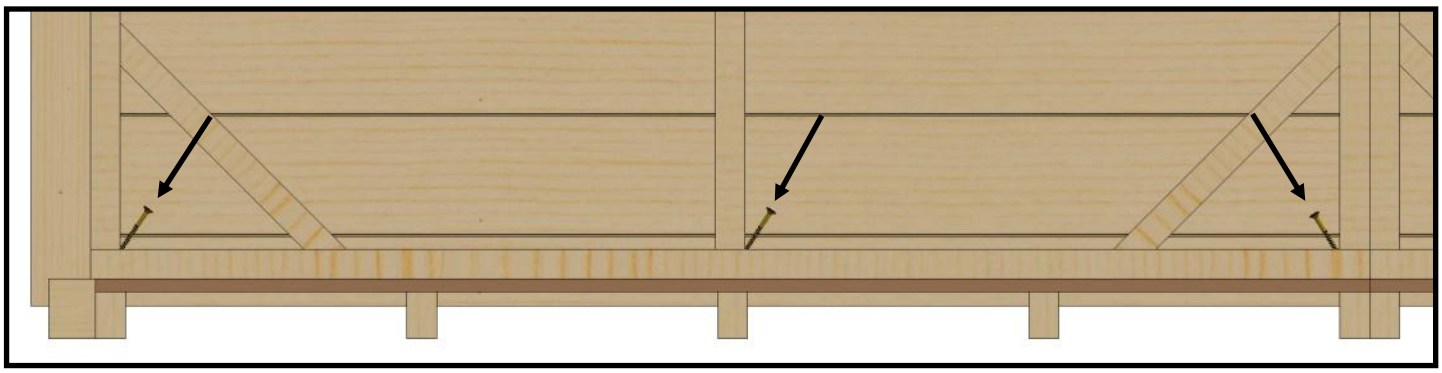
Make sure the sides are equally spaced out from the floor (approx. 5mm from each side) and then put in your **60mm Screw 02-5001**

Place a screw down approximately every 2ft along the front, back and sides.



You will only need one screw at each joint

Some screws may need to be angled to catch the floor joists below.



You can use the nails on the floor boards to see where the baton is underneath. Line your screws up with these nails when fixing the sides down to the floor

Standard Product Tables

	ASA1004 2ft Panel 600x1856	ASA1086 Opening Window Panel 1200x1856	ASA1006 4ft Panel 1200x1856	AS1087 Full Window Panel 1200x1856	ASA1088 Double Door Panel 1200x1856
					
8x6	3	2	3	0	1
8x8	4		4	0	
8x10	4		4	1	
8x12	5		5	2	
8x14	5		5	2	
8x16	6		6	2	

	ASA1093 Roof 1200x1340	ASA1100 Roof 600x1340	ASA1089 Left Front Pent Panel 330x1329	ASA1090 Left Rear Pent Panel 190x1340	ASA1091 Right Front Pent Panel 330x1329	ASA1092 Right Rear Pent Panel 190x1340
						
8x6	2	2	1	1	1	1
8x8	4	0				
8x10	4	2				
8x12	6	0				
8x14	6	2				
8x16	8	0				

	ASA1023 4x4 Floor 1195x1195	ASA1026 4x2 Floor 600x1195	ASA1094 Pent Top Panel 249x1200	ASA1098 2ft Pent Top Panel 249x600	ASA1095 2ft Window Panel 600x1856
					
8x6	2	2	1	1	1
8x8	4	0	1	2	2
8x10	4	2	2	1	1
8x12	6	0	3	0	0
8x14	6	2	3	1	1
8x16	8	0	3	2	2

	AS024 Trim 12x56 1876mm	AS171 Trim 12x28 2124mm	AS172 Trim 12x56 2120mm	AS185 44x94 688mm	AS183 44x94 1800mm	AB0239N Roof Bracket	AS176 Facia 19x100 1344mm
							
8x6	3	3	3	2	2	2	4
8x8	5	4	2	3	3	3	
8x10	6	4	2	4	4	4	
8x12	5	4	3	5	5	5	
8x14	8	5	2	6	6	6	
8x16	8	5	2	7	7	7	

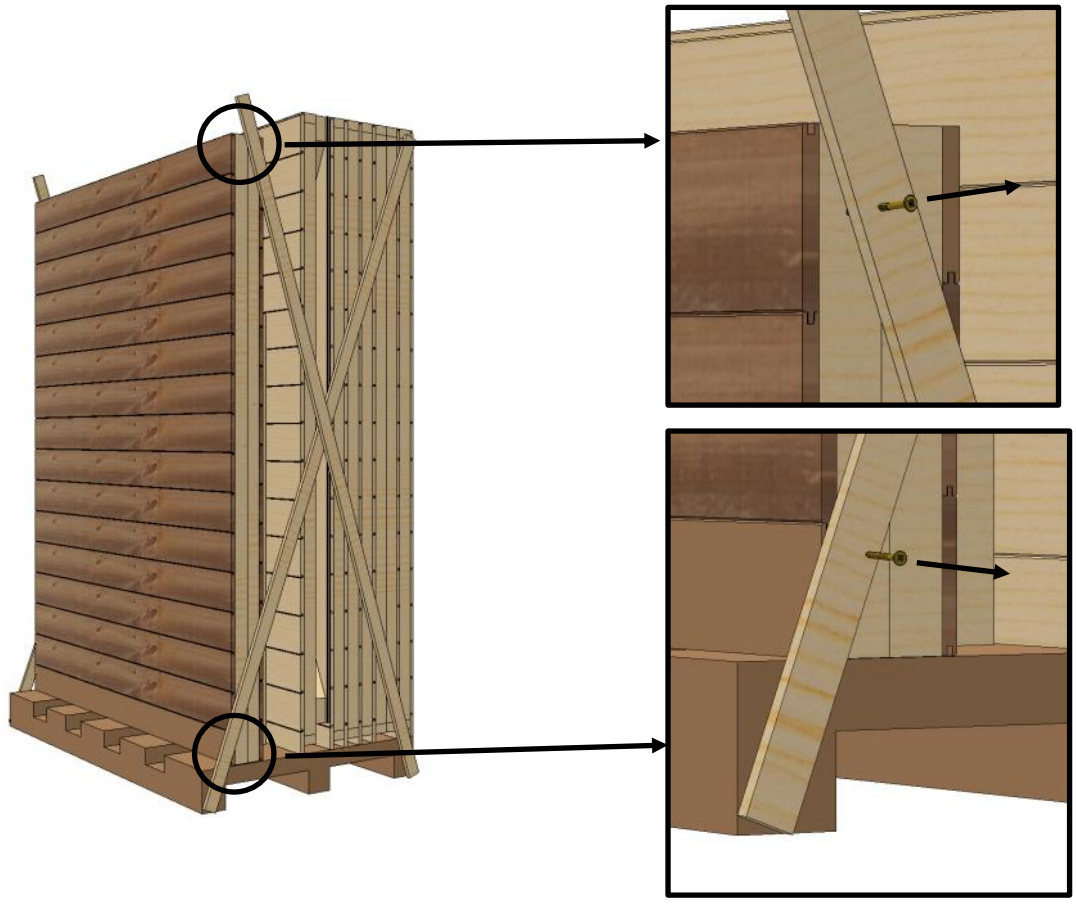
	AS156 Facia 724mm	AS174 Facia 1200mm	AS175 Facia 1324mm	AS306 Shedfast Name Badge	AS027 44x28 400mm	AS189 Weather Strip 1162mm	AS060T 12x120 1300mm (Soffit)	AS086T 12x120 1200mm (Soffit)	AS043T 12x120 743mm (Soffit)	AS162 44x44 1337mm
										
8x6	1	0	1	1	6	3	2	0	2	2
8x8	0	0	2		7		4	0	0	2
8x10	1	1	1		8		2	2	2	2
8x12	0	1	2		10		4	2	0	2
8x14	1	2	1		11		2	4	2	2
8x16	0	2	2		13		4	4	0	2

	Felt Codes				
	AS310 **1m Wide X 4.1m Long roll**	**AS311** **1m Wide X 5.4m Long roll**	**AS312** **1m Wide X 6.6m Long roll**	**AS313** **1m Wide X 8m Long roll**	**AS314** **1m Wide X 10m Long roll**
8x6	0	0	1	0	0
8x8	0	0	0	0	1
8x10	1	0	1	0	0
8x12	0	1	1	0	0
8x14	0	0	1	1	0
8x16	0	3	0	0	0
8x18	0	0	0	1	1
8x20	0	0	3	0	0

8ft DEEP PENT

Unpacking Pallet

The first thing you need to do is carefully unpack the pallet. Each panel is screwed to the diagonals at the top and bottom. Remove each panel, one at a time, by unscrewing the screws at the top and bottom. Take the panel off the pallet and place it somewhere safe.



SHEDFAST

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The Greenhouse People Ltd, Unit 19 Blythe Park, Cresswell, Stoke-on-Trent, Staffordshire, ST11 9RD