



Making British gardens great

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ISSUE: 0121

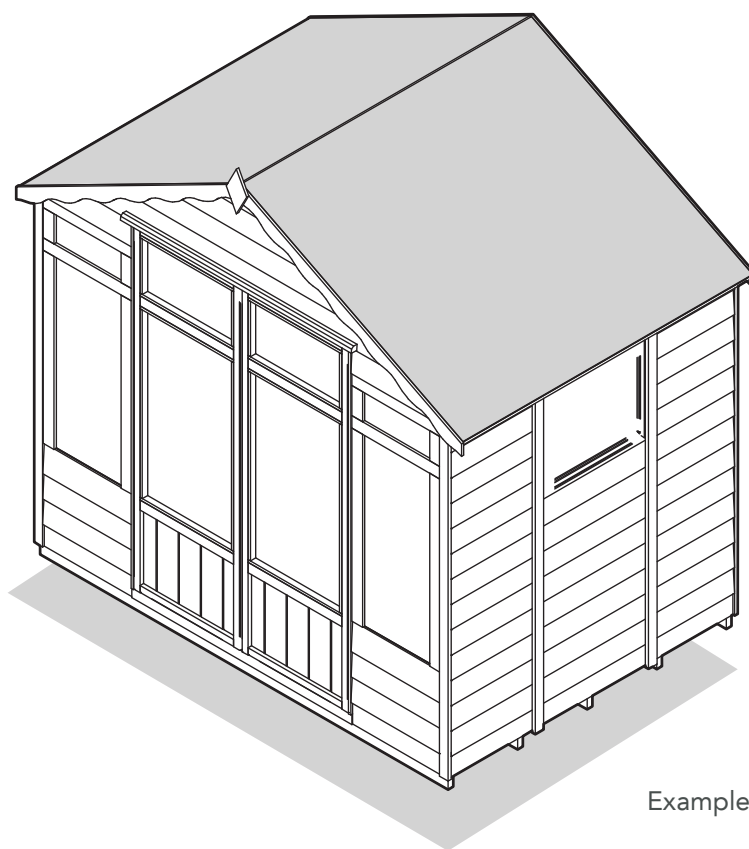
OPASUM75M FIXING PACK CODE: *MSUM75FP*

OPASUM77M/OPASUM86M FIXING PACK CODES: *MSUM7786FP*
OPASUM77M/OPASUM86M TRUSS FIXING PACK CODE: *STPK27*

Thank you for purchasing your summerhouse from Forest Garden. Simply follow these step by step instructions and our top tips and you'll be enjoying your summerhouse for many years to come. If you have any questions or need advice, our friendly team is here to help.

SUMMERHOUSE INSTRUCTIONS

SIZE RANGE (7x5, 7x7, 8x6)



Example of 7x5 Summerhouse

Missing something?

Call our aftersales team on
0333 777 7089

Need more information?

Call our technical team on
0333 321 3142

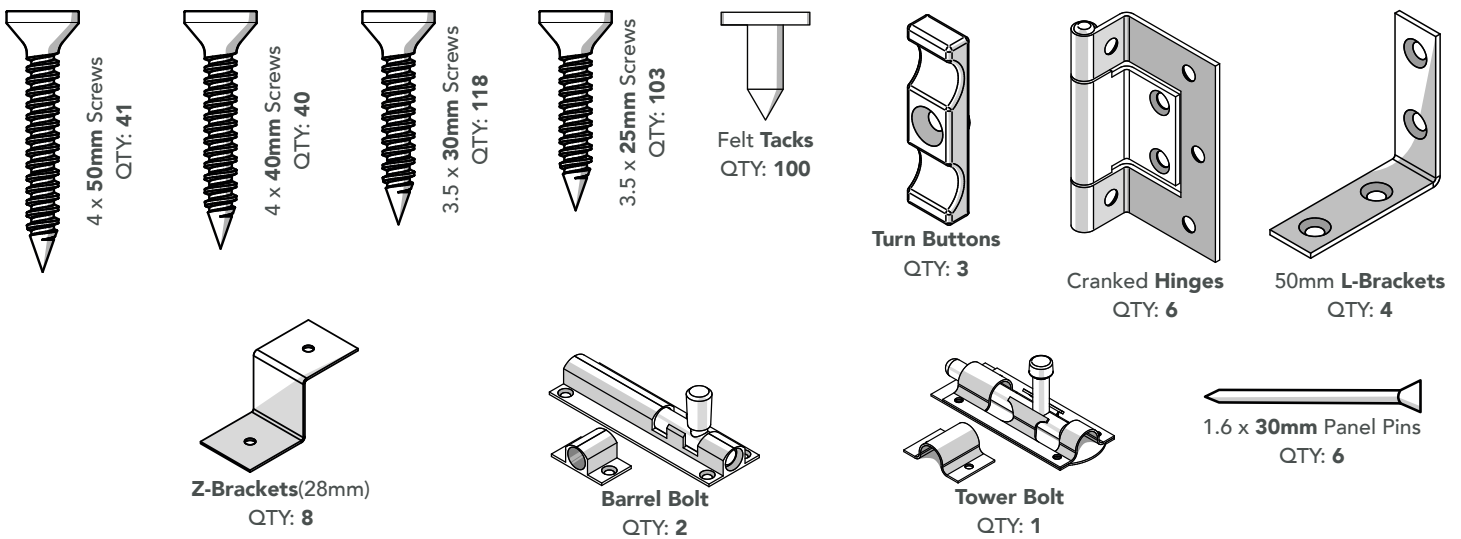
**Visit our website for spare
instructions and more
information**

www.forestgarden.co.uk

Although this is a generic set of instructions, the fixing pack contents are specific to your chosen summerhouse size and are listed below. The fixing pack codes are listed on the front page.

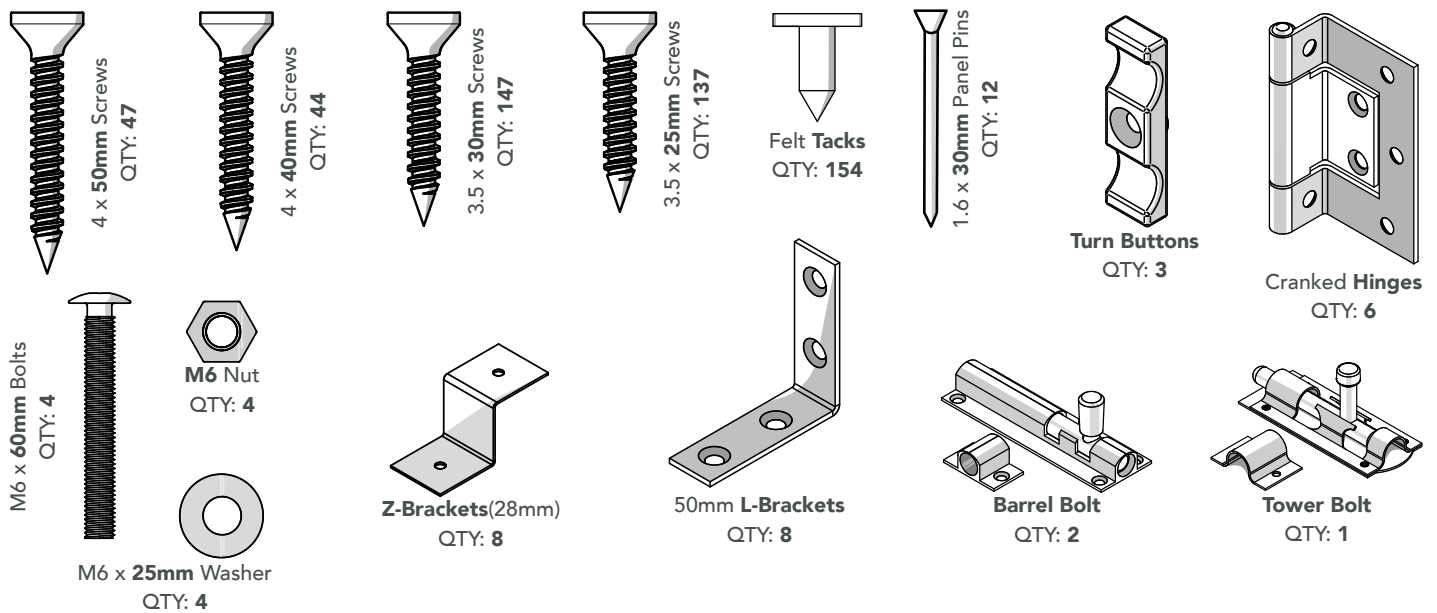
OPASUM75M FIXING PACK

If you have purchased the 7x5 summerhouse, your specific contents are listed below. You will have a slightly different roof assembly compared to the 7x7 and 8x6. Don't worry, these generic steps are provided for your step by step build.

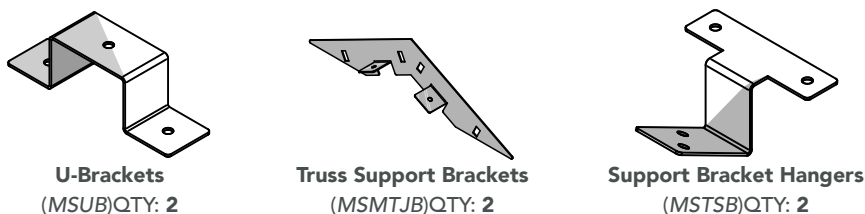


OPASUM77M & OPASUM86M FIXING PACK

Don't worry if your fixing pack contains some spare items at the end of the build (you haven't missed a bit!) we have sent you a generic fixing pack to suit the 7x7 & 8x6 similar constructions.



TRUSS FIXING PACK CONTENTS



HEALTH & SAFETY

We strongly recommend that PPE (Personal Protective Equipment) is used throughout your build to ensure you are protected from any potential health and safety risks. **Do not exempt yourself from wearing PPE.**



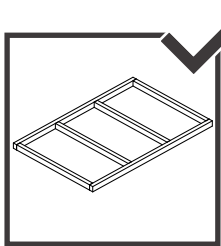
BEFORE YOU START

Please read through these instructions to familiarise yourself with your summerhouse. We recommend that you **check all the components** using the lists found on the front and back pages before you start to build.

All of our summerhouses are constructed in the same way. They simply come with different components depending on the type of summerhouse you have. You will have been supplied a specific fixing pack to suit your configuration. Look back at page 2 to view the contents.

BASE PREPARATION

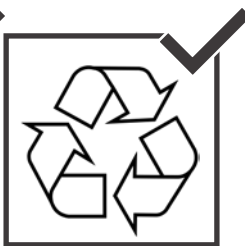
It's vital that you build your new summerhouse on a **solid, level base**. Timber or Plastic Shed Bases are ideal, as is solid concrete or concrete slabs.



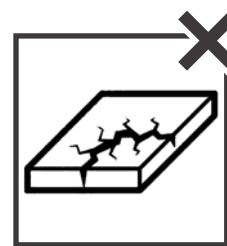
Timber Base
Self-constructed/
Buy pre-made



Concrete
Concrete surface/
Concrete slabs



Pro Shed Base
Interlocking
eco-friendly base



Broken Slabs/Gaps
Uneven slab sizes
with no cement



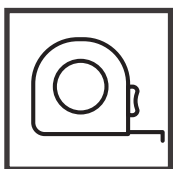
Soil
A base of soil
only

If you have an existing base and think it's suitable for your new summerhouse to be sited on, it is important you check that it is level and doesn't deviate by any more than 15mm from edge to edge. If this isn't the case the building will twist, causing gaps to appear in the sections and the roof, doors and windows to misalign.

There's more information on base preparation on our website www.forestgarden.co.uk

TOOLS NEEDED

We recommend using the following tools (not supplied):



Tape Measure



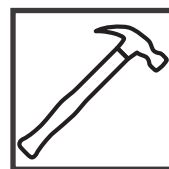
Sharp Knife



Pozidrive Screwdriver



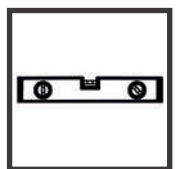
Drill & 2mm Drill Bit



Hammer



Ladder



Spirit Level

Assembly is relatively straightforward if you follow these step by step instructions. We recommend getting everything aligned properly before screwing together and that **screw holes should be pre-drilled** to avoid splitting the timber.



IMPORTANT
Assembly requires 2+ adults.



REMINDER
Always pre-drill before screwing.

PLEASE KEEP PLASTIC BAGS AND SMALL PARTS AWAY FROM CHILDREN

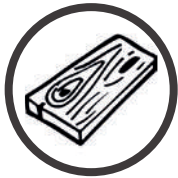
To help you get the most out of our products it's useful to know a little more about the properties of timber, what's normal and how your summerhouse may behave as the seasons change. Wood is an extremely durable material for construction but as a natural product when used outdoors it is susceptible to changes in the environment.

THINGS THAT YOU MIGHT SEE IN YOUR PRODUCT



MOVEMENT, TWISTING & WARPING

Wood contains a natural level of moisture so decreasing humidity levels in the surrounding air may cause panels to change their shape as the porous fibres shrink. This can be exaggerated during prolonged periods of dry weather. Movement and gaps in timber products are normal, in most cases the wood will revert to its original form once the high temperatures subside and there is more moisture content in the air. Similarly, in the winter months, the opposite may occur with wood swelling.



EXPANSION, CONTRACTION, SPLITS & CRACKS

All timber will expand and contract according to its environment. As a result of this expansion and contraction, it is very common to see splits and cracks developing in the wood. Splits are common during the spring and summer months as the wood begins to dry out. The outer surface dries first and contracts, contracting over a still expanded core of the wood. The result of this is that splits and cracks appear along the grain of wood. These splits are not a fault and do not affect the structural integrity of a product.



MOULD & BLUE STAIN

Mould is a surface-dwelling fungus that feeds on the nutrients and debris contained in the surface cells of timber. The most common problems associated with mould are discoloured timber and an increase in permeability of the timber. Blue stain is part of the same family but penetrates deeper into the surface layers of the timber. It stains the timber a dark blue, whereas mould is usually black. These do not cause the timber to rot. Keep the building well ventilated to avoid mould.

Treat your building annually, we advise the application of a high quality preservative that contains a mildewcide. For more information on the conditions of our guarantee see forestgarden.co.uk.

ADVICE ON FELT HANDLING & USAGE

Roofing felt is flexible at temperatures above 5°C. In cold temperatures extra care must be taken when handling and installing to prevent cracking and damage to the felt. The felt should not be rolled, folded or used in temperatures lower than 5° C. In cold temperatures the felt should be stored above 10°C (indoors) for 24 hours prior to use. Felt must be lifted, not dragged and should be stored on its end on a dry surface.

THE ROOF OF THIS BUILDING IS NOT A LOAD BEARING STRUCTURE

8 TOP TIPS TO ENSURE YOUR SHED IS FULLY WATERPROOF

- 1 MAKE SURE YOU POSITION YOUR SUMMERHOUSE IN THE BEST LOCATION IN YOUR GARDEN**
Avoid areas where water pools and is constantly wet. Position away from trees and cut back any overhanging foliage which can cause moisture to be trapped against summerhouse walls and debris to collect on the roof.
- 2 RAISE YOUR SHED OFF THE GROUND**
Ideally any concrete base should be the same footprint as the summerhouse to allow surface water to run off without pooling, a timber summerhouse base can also be used. Raise 50mm above ground level.
- 3 SEAL THE BASE**
We recommend a treatment containing wax or oil, paint the bearers that come into contact with the ground to prevent moisture coming up.
- 4 USE AN END-GRAIN PROTECTOR**
To protect the corners and panel joins, an end grain treatment can be applied.
- 5 SEAL THE PANELS & WINDOWS**
Use a flexible silicone sealant around windows to prevent water ingress. This can also be used where 2 sections of the summerhouse joint together. Apply internally.
- 6 CONSIDER ADDING GUTTERS**
Adding guttering around the fascia of the summerhouse will redirect rain water away from the shed's foundation.
- 7 KEEP VENTILATED**
Good airflow around the perimeter of the shed and regular ventilation inside the shed will help prevent mould and mildew.
- 8 CONSIDER A WEATHERPROOFING STAIN OR CLEAR TREATMENT**
We recommend you paint your summerhouse with a weatherproofing treatment at least once a year. This will help maintain the wood, stabilise timber movement and help prolong the life of your shed.



TREATED TIMBER CONTAINING A BIOCIDAL PRODUCT CONTROL OF WOOD DESTROYING ORGANISMS

Active Ingredients - Propiconazole, Tebuconazole, IPBC, Permethrine, Benzyl-C12-16-Alkyldimethyl Chlorides. (Dip Treated)
Basic Copper Carbonate, DDA Carbonate, DDA Chloride. (Pressure Treated)

Wear gloves when handling. Avoid inhalation of sawdust. Do not use in contact with drinking water or food. Do not use for animal bedding or in fish ponds. Dispose of treated wood responsibly.

IDENTIFY YOUR SUMMERHOUSE

From the **section layout** below, identify your summerhouse based on the **width** and **depth** dimensions of your summerhouse – eg 7x5. You'll need this to identify the side panel positions.

KEY

—(A)— 1.5ft Panel (442 x 1603mm)

—(B)— 1.5ft Panel (461 x 1603mm)
(Window)

—(C)— 2ft Panel (590 x 1603mm)
(Window)

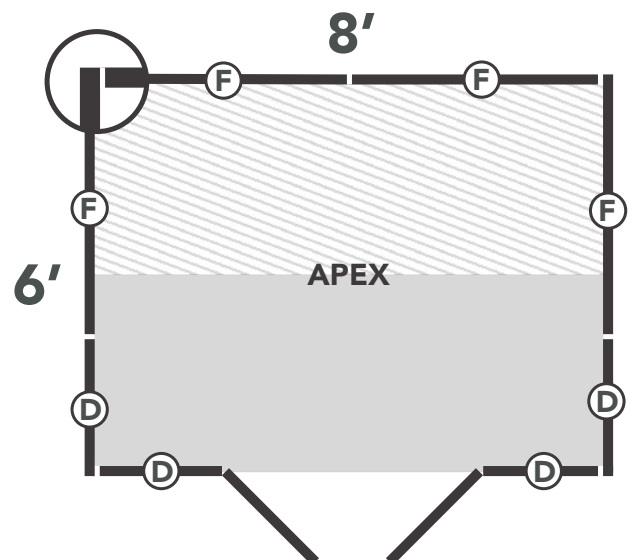
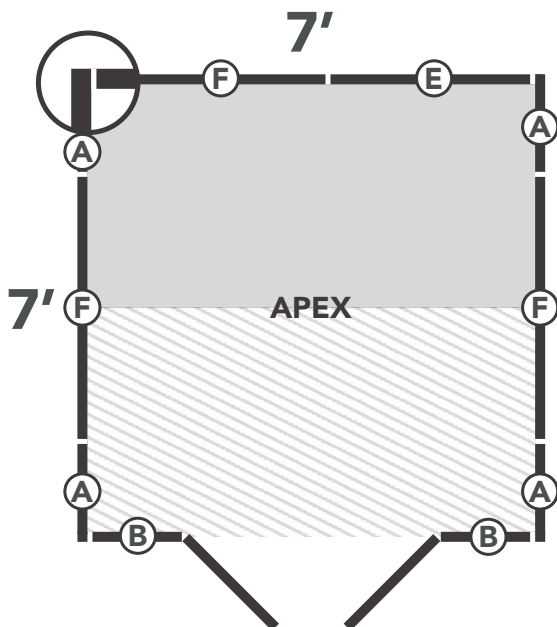
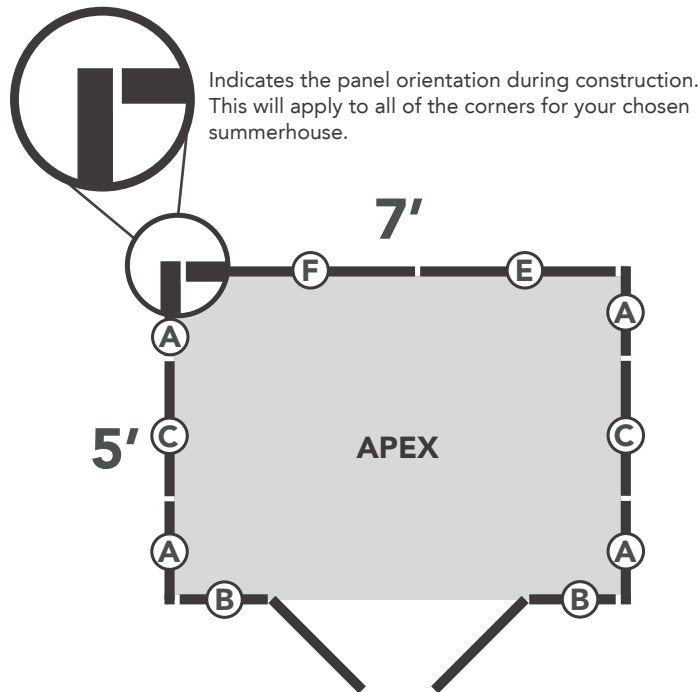
—(D)— 2ft Panel (609 x 1603mm)
(Window)

—(E)— 3ft Panel (885 x 1603mm)

—(F)— 4ft Panel (1180 x 1603mm)
(With & without windows)

PLEASE NOTE

The summerhouse are made up of multiple sections where same size panels are interchangeable.



1 CONSTRUCTION

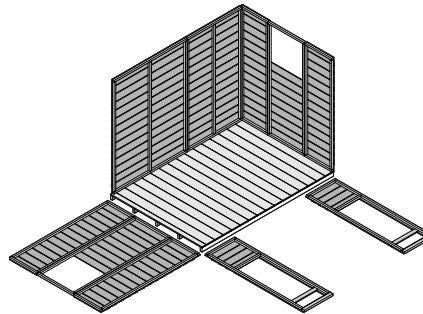
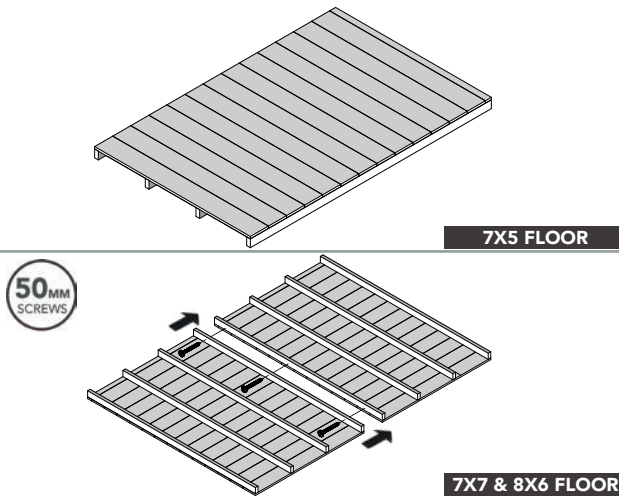
1a FLOORS & SIDES



Position the floor in your desired location. If you have 2 floors, turn the floors upside down to secure the sections together by screwing through the adjoining bearers.

Layout the panels around your summerhouse base.

We recommend to start in a back corner then **work from the back panels to the front panels** for assembly.



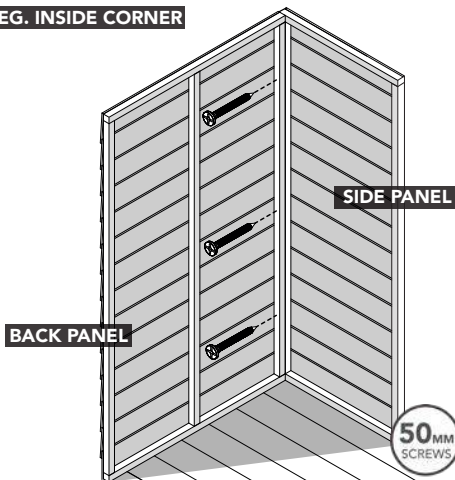
1b

Start at a back corner. See the section layout on page 5 to confirm position. Secure the corner as shown below.

Repeat the process for remaining panels and **secure panels together**. Make sure that the bottom frame of the wall panel rests on the outer edge of the floor.

Secure the panels into place by **screwing into the floor**. Screw the door batten down.

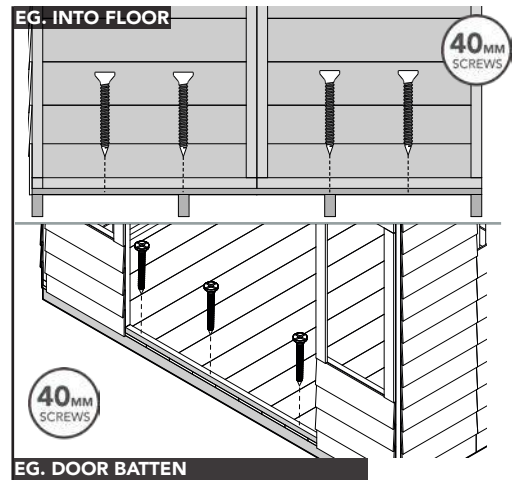
EG. INSIDE CORNER



EG. SIDES

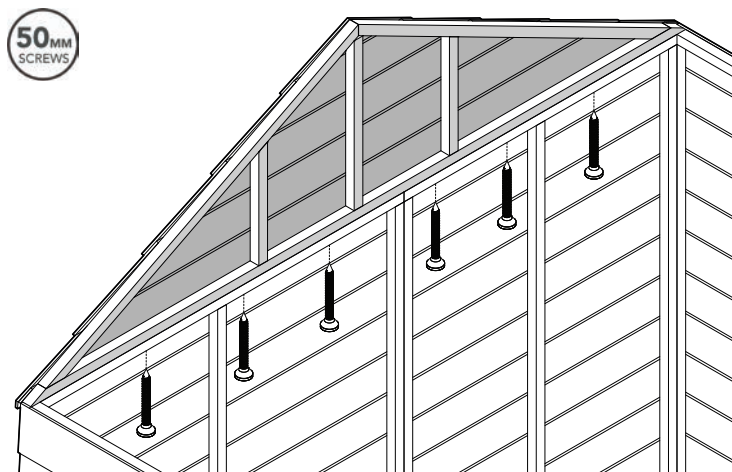


EG. INTO FLOOR



1c

Attach the Apex section by screwing it into the centre of the wall panels and repeat for the other Apex Section.



2 WINDOWS

7

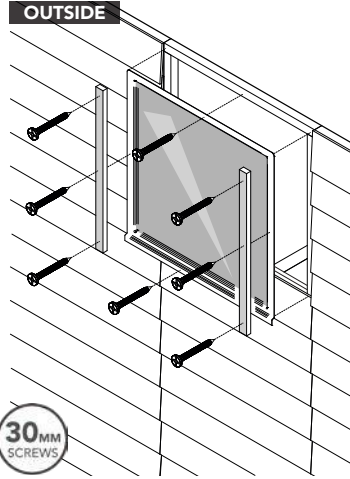
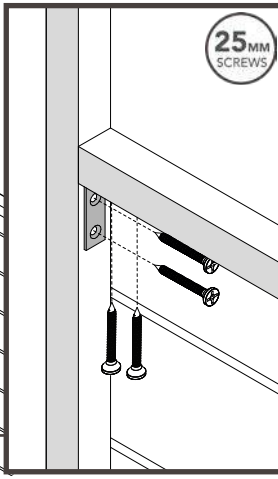
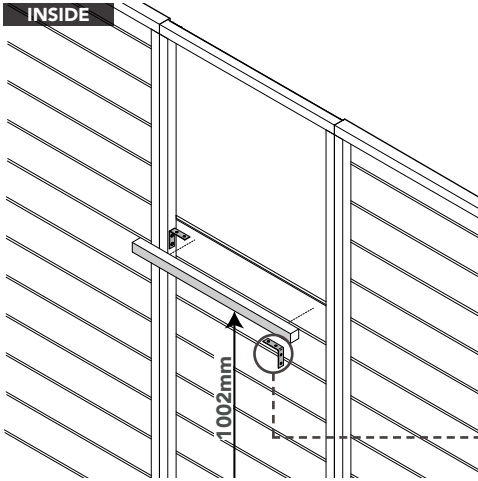
Fix **interior sills** at the base of windows with L-brackets and screws at a 1002mm distance from the floor. Repeat this for multiple windows, as shown below.

Secure windows by screwing through the window cover strips and window into the panel frame. Screw into the bottom and top of the window and into the interior sill to keep secure. Make sure the window is centralised for all window frames as shown below.

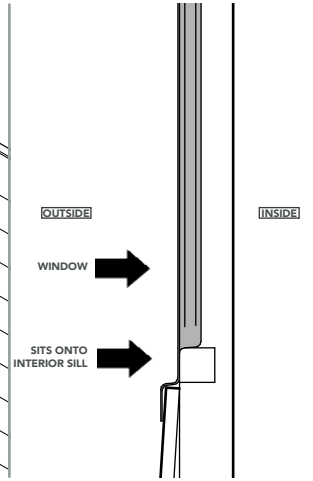
SINGLE WINDOW ASSEMBLY



PRE-DRILL
WITH 2MM BIT
FOR ALL STEPS
BELOW.



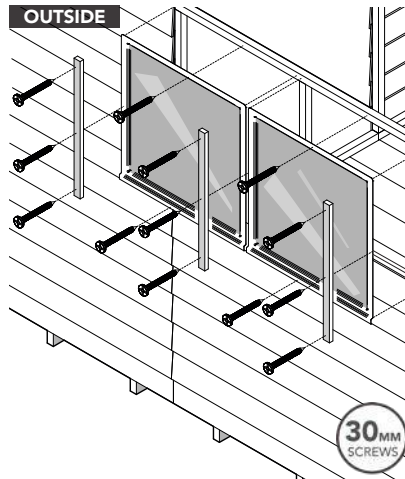
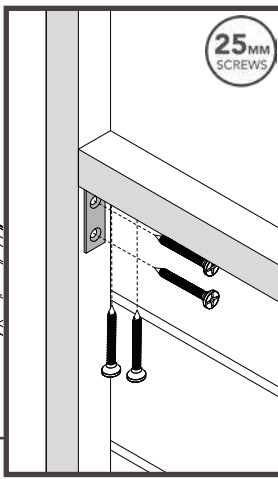
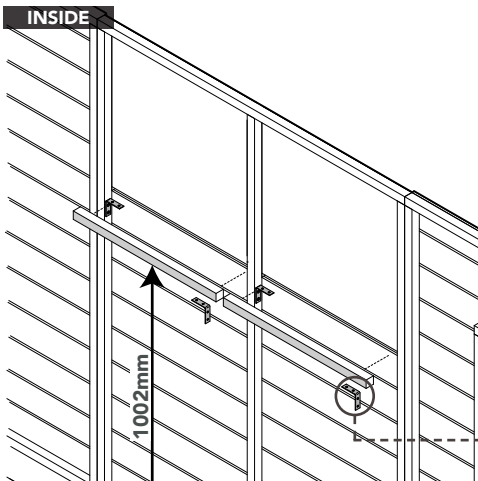
WINDOW POSITIONING



DOUBLE WINDOW ASSEMBLY



PRE-DRILL
WITH 2MM BIT
FOR ALL STEPS
BELOW.



Please take note on the
window positioning shown
above.

LONG SINGLE WINDOW ASSEMBLY



PRE-DRILL
WITH 2MM BIT
FOR ALL STEPS
BELOW.

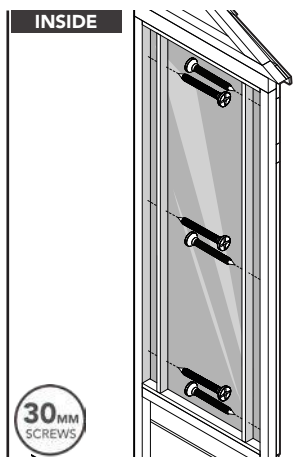
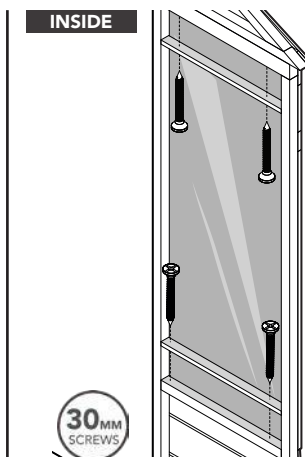
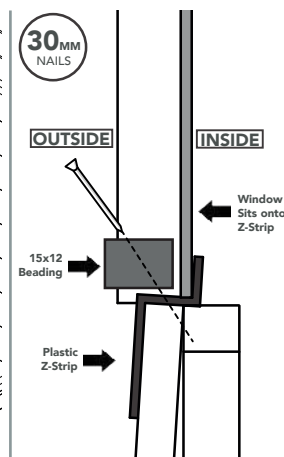
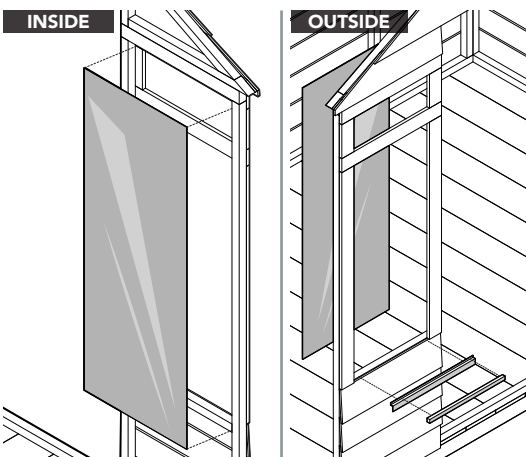
Apply the longer window pane into position.
Position the window pane onto the Z-Strip. Trim the Z-Strip if necessary. Place the 15x12mm beading on the Z-Strip and up against the window pane. Secure into place with 3 x panel pins per window.

Remove any protective film after the assembly is complete.

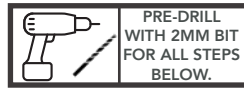
Secure the window pane into position by **sliding the top and bottom strips into the frame and screwing into place.**

Further secure by **sliding the side strips into the frame and screwing into place.**
Repeat the same process for the other window(s).

WINDOW POSITIONING



3 COVER AND DOOR STRIPS



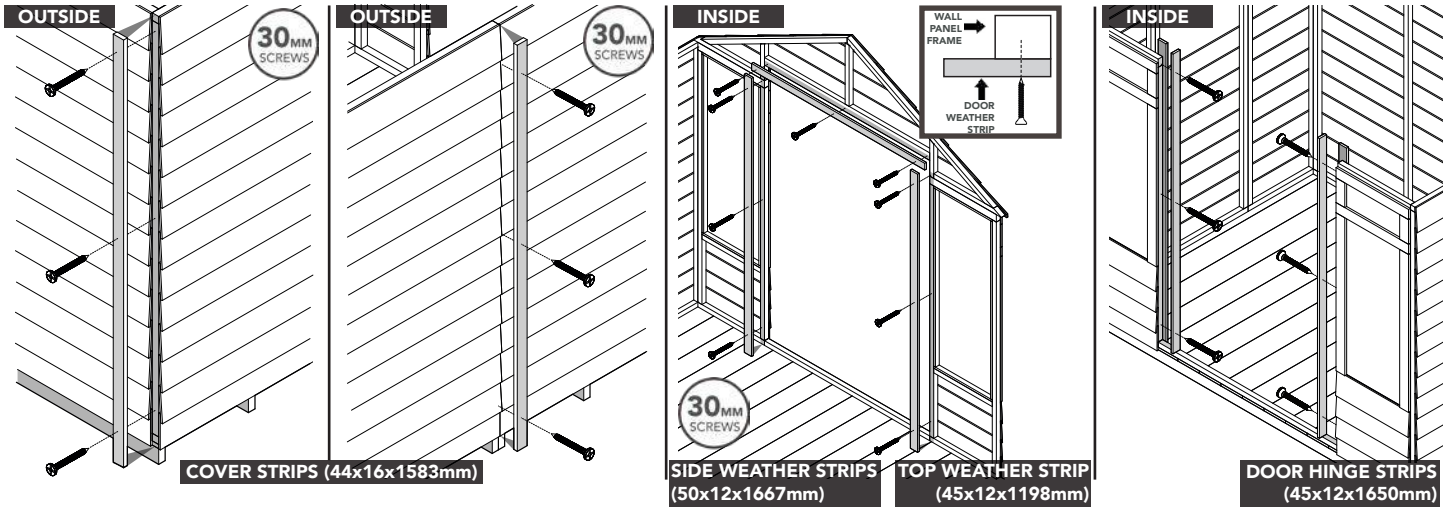
8

Attach the cover strips onto the corners. Ensuring they are flush to the bottom edge of the panels as shown below.

Attach the cover strips onto the adjoining panels. Ensuring it is flush to the bottom edge of the panels as shown below.

Secure the door weather strips. Ensure they're flush to the floor and against the inside face of the wall panel frame. Rest and centralise the top strip onto the side strips. Screw into place. All 3 strips will overhang into the door way.

Secure the door hinge strips. Ensure they're in contact with the door batten and against the door weather strips.



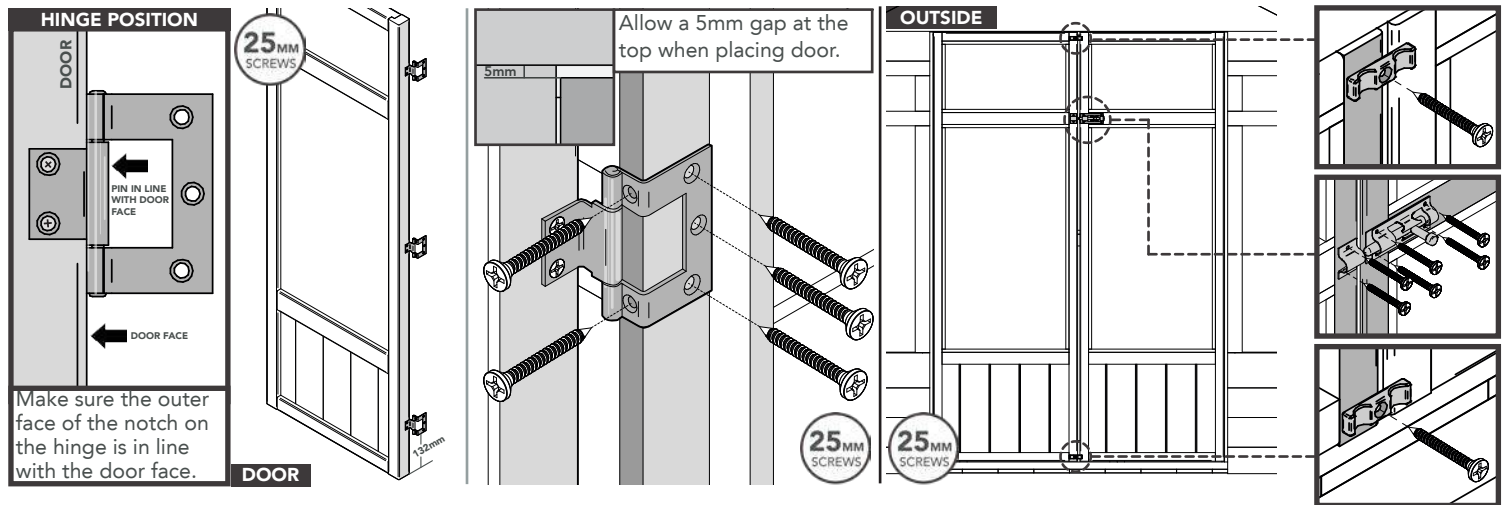
4a DOOR FIXINGS



Attach 3 hinges onto the door frame. Use the measurement provided for positioning of the bottom hinge. Please take note of the hinge position shown below.

Place the door into the opening, ensuring it's level. Make sure the hinges are up against the door weather strip face.

Fix the turn buttons and tower bolt as shown below.

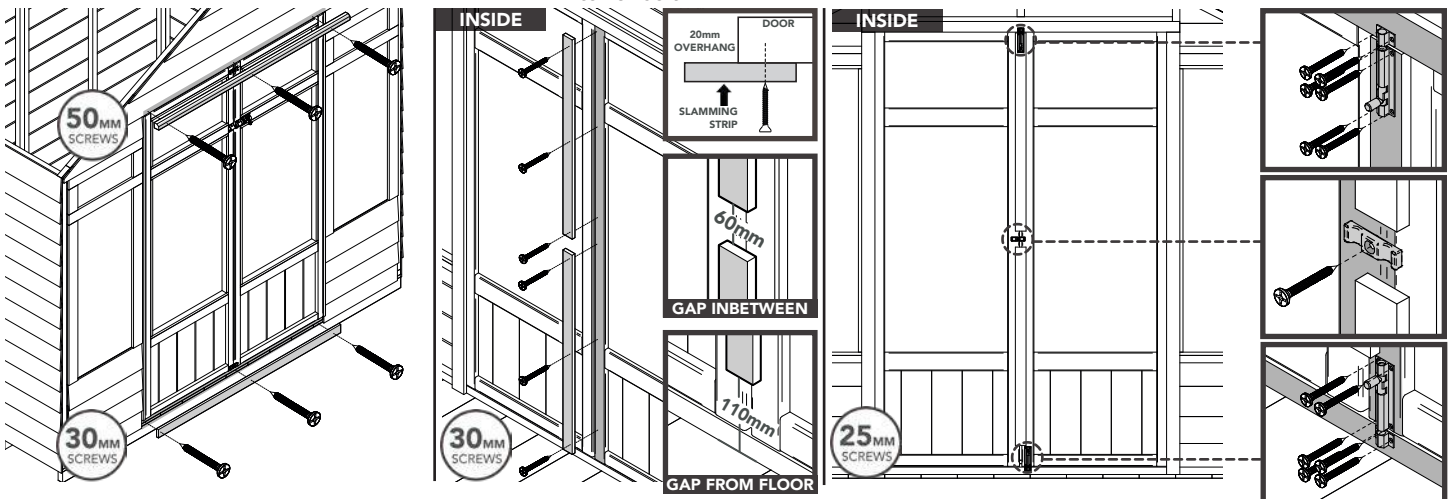


4b

Apply the kick plate strip and canopy strip as shown below. Ensure to use the correct screw size, shown next to the part.

Secure the slamming strips. Position using the measurements provided. Screw the slamming strips onto the opposite door that you have fixed the tower bolt.

Fix the turn button and barrel bolts as shown below. Ensure the barrel bolts are on the same door you have attached the slamming strips. Whereas the turn button is on the opposite door.



5a ROOF STRUCTURE

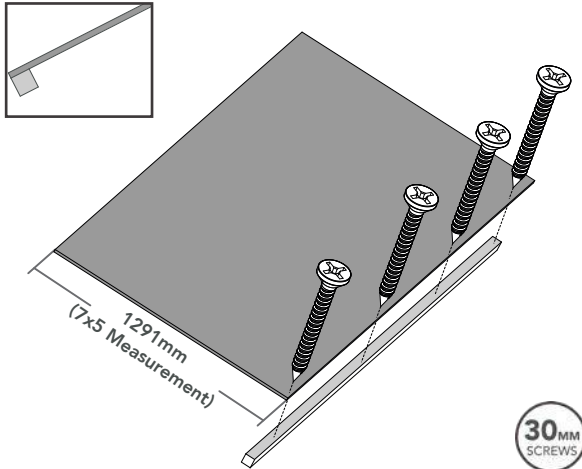
9

7X5 ROOF ASSEMBLY

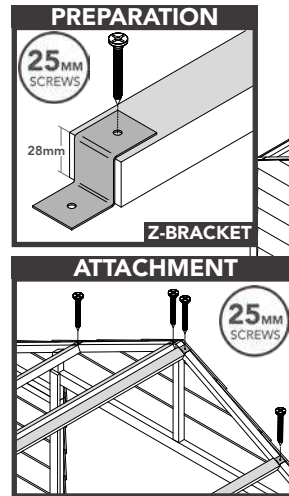


PRE-DRILL
WITH 2MM BIT
FOR ALL STEPS
BELOW.

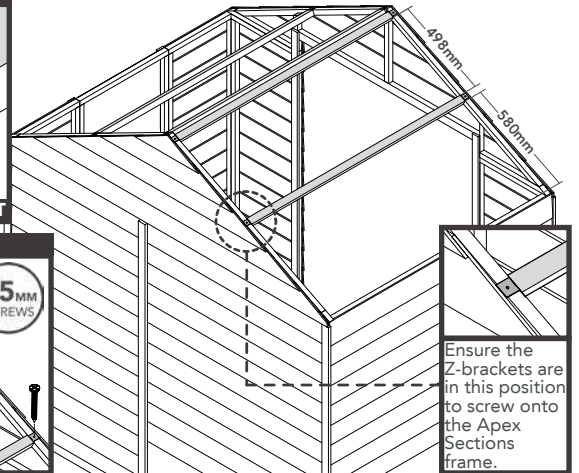
Before placing the OSB roof sheets onto the roof, **screw the roof support strips** along the edge of the OSB roof sheets. Ensuring they are flush to the edges. Add one strip onto each sheet as shown below. The strip will be the same length as one side of the sheet.



PREPARATION: Attach the Z-brackets onto the face at both ends on all the beams as shown below. The beam should be flush to the Z-bracket.



ATTACHMENT: Screw the Z-brackets onto both of the Apex Section frames to secure the beams as shown below. Use the measurements provided. Ensure you are measuring to and from the beams and the inner wall panel frame shown below.



7X7 & 8X6 ROOF ASSEMBLY

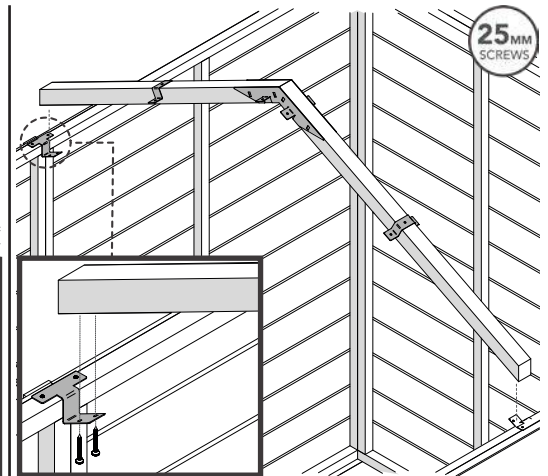
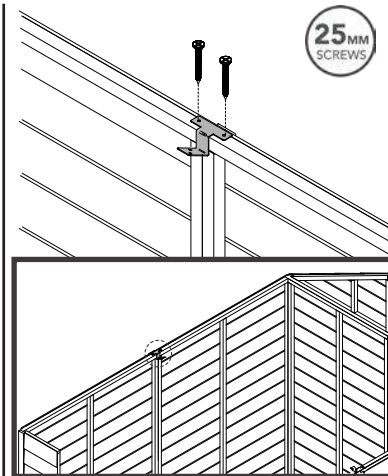
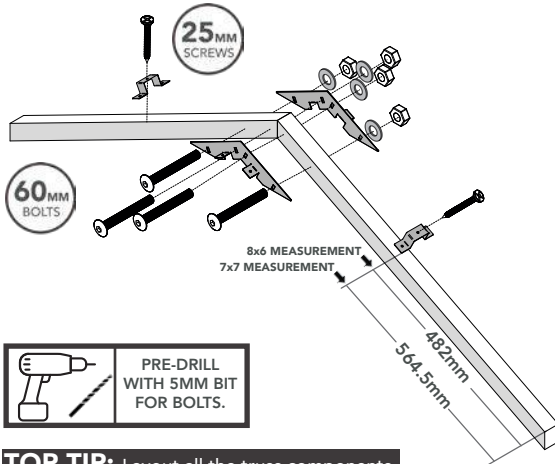


PRE-DRILL
WITH 2MM BIT
FOR ALL STEPS
BELOW.

Assemble the truss and screw the U-brackets into the center of each beam as shown below. Ensure the truss support brackets are added first and flush to the edge of the central beams to establish the correct angle.

Secure the support bracket hanger with screws into the center of your summerhouse. There needs to be one at each side.

Screw the truss to the support bracket hangers. As a result the truss will be centralised inside your summerhouse and facing the Apex sections.



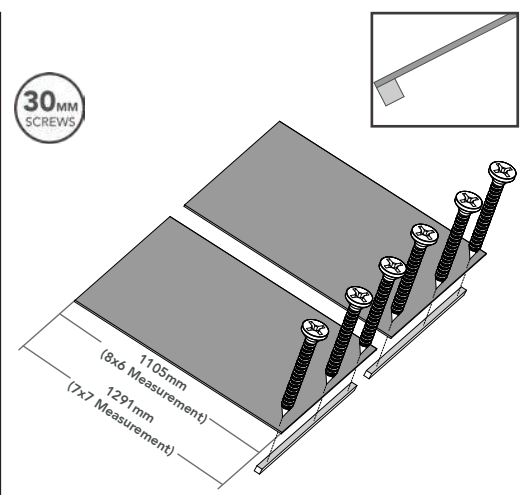
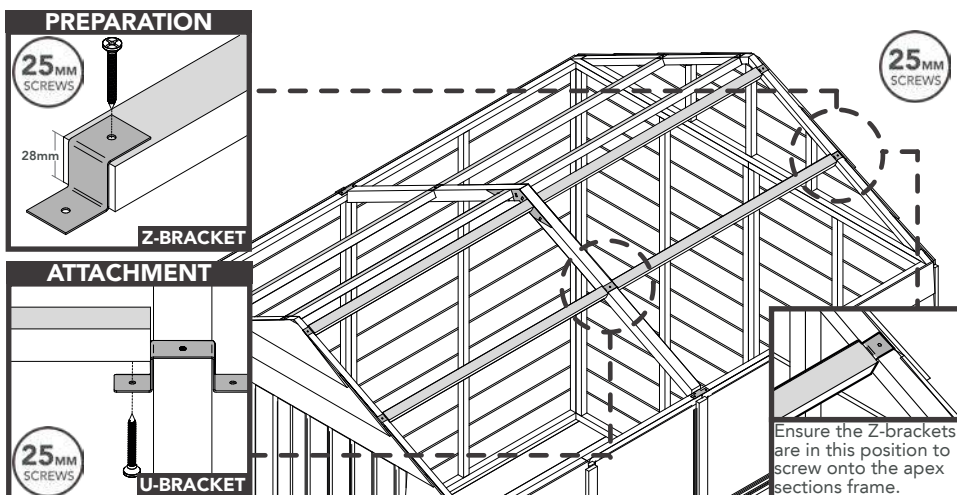
TOP TIP: Layout all the truss components.

PREPARATION: Attach the Z-brackets onto the face of one end of each beam as shown below. The beam should be flush to the Z-bracket.

ATTACHMENT: Secure the other end of the beams to the U-brackets on the truss by screwing from the underside of the beam.

Screw the Z-brackets that are already attached to beams onto the apex section frame.

Before placing the OSB roof sheets onto the roof, **screw the roof support strips** along the edge of the OSB roof sheets. Ensuring they are flush to the edges. Add one strip onto each sheet as shown below. The strip will be the same length as one side of the sheet.

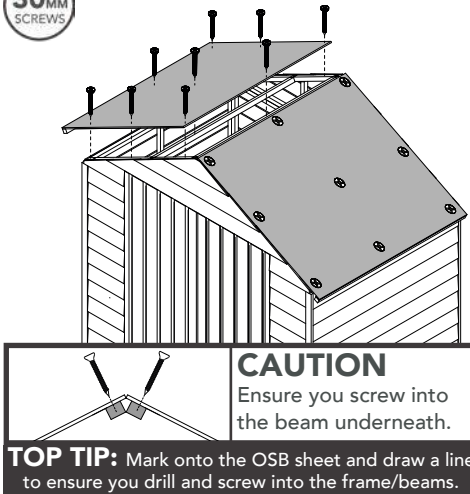




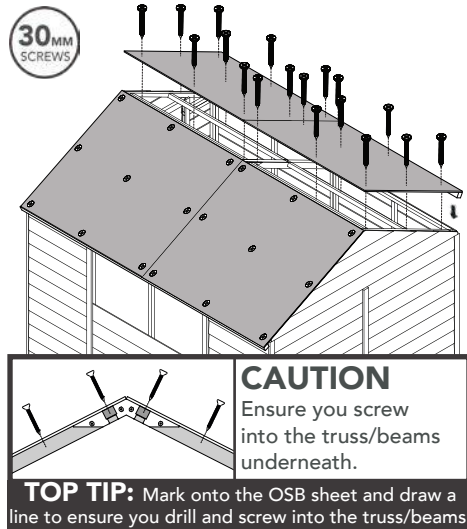
Screw the OSB roof sheets into position as shown below into the summerhouse frame and beams.

Screw the OSB roof sheets into position as shown below into the summerhouse frame and truss. Ensure the joining of the OSB roof sheets are central on the central beams when placing and screwing down.

7X5

30MM
SCREWS

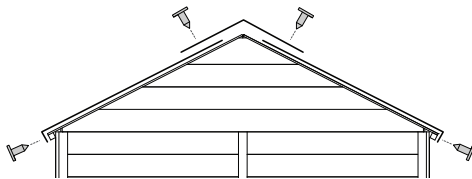
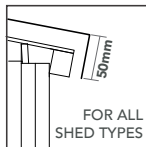
7X7 & 8X6

30MM
SCREWS

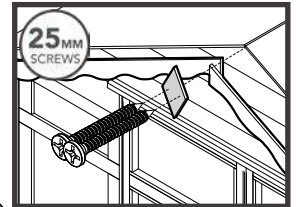
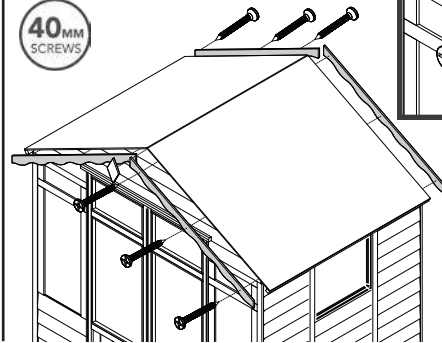
5c

Measure out 3 equal lengths and overlap it on the top, around the edges and fold the corners; tack to keep secure. Ensure 50mm at the bottom and work from the bottom to the top.

TOP TIP: Use measuring tape to measure out 3 equal lengths & cut with a sharp knife. Hammer the tacks into the felt. Add the tacks at 150mm intervals.



Secure the fascias and the finial with screws as shown below.

40MM
SCREWS

PRESSURE TREATED SUMMERHOUSES COMPONENTS LIST

SELECT YOUR CHOSEN SUMMERHOUSE & CHECK YOU HAVE ALL YOUR PARTS.

The components provided may be heavy. Please lift with caution and with a minimum of 2 people.

Overlap Apex 7' x 5' - 4 Windows (OPASUM75M)			Overlap Apex 7' x 7' - 6 Windows (OPASUM77M)			Overlap Apex 8' x 6' - 4 Windows (OPASUM86M)		
Part Code	Description	No.	Part Code	Description	No.	Part Code	Description	No.
OPM1180PP	Section F - 4ft Panel (1180x 1603mm)	1	OPM1180PP	Section F - 4ft Panel (1180x 1603mm)	1	OPM1180PP	Section F - 4ft Panel (1180x 1603mm)	4
OPM885PP	Section E - 3ft Panel (885x 1603mm)	1	OPM885PP	Section E - 3ft Panel (885x 1603mm)	1	OPM885PP	Section E - 3ft Panel (885x 1603mm)	4
OPM590WP	Section C - 2ft Window Panel (590x 1603mm)	2	OPM442PP	Section A - 1.5ft Panel (442x 1603mm)	4	OPM442PP	Section A - 1.5ft Panel (442x 1603mm)	4
OPM442PP	Section A - 1.5ft Panel (442x 1603mm)	4	OPM1180WP	Section F - 4ft Window Panel (1180x 1603mm)	2	OPM1180WP	Section F - 4ft Window Panel (1180x 1603mm)	2
OPM461WP	Section B - 1.5ft Window Panel (461x 1603mm)	2	OPM461WP	Section B - 1.5ft Window Panel (461x 1603mm)	2	OPM461WP	Section B - 1.5ft Window Panel (461x 1603mm)	2
OPAMPEA7	Apex Section - Back	1	OPAMPEA7	Apex Section - Back	1	OPAMPEA7	Apex Section - Back	1
OPASUM75MDE	Apex Section - Door	1	OPASUM75MDE	Apex Section - Door	1	OPASUM75MDE	Apex Section - Door	1
SDR553X1645PTBI	Door	2	SDR553X1645PTBI	Door	2	SDR553X1645PTBI	Door	2
OPASUM75MFL	Floor	1	MSUMBFL37	Floor	2	OPASUM86MFL	Floor	2
28160550PT	Window Cover Strip (28x16x550mm)	4	28160550PT	Window Cover Strip (28x16x550mm)	6	28280911	Roof Support Strip (28x28x911mm)	4
28280534PT	Interior Sill (28x28x534mm)	2	28280548PT	Interior Sill (28x28x548mm)	4	28281143PT	Door Batten (28x28x1143mm)	1
28281507	Roof Support Strip (28x28x1507mm)	2	28281049	Roof Support Strip (28x28x1049mm)	4	37280840KD	Beam (37x28x840mm)	8
28281143PT	Door Batten (28x28x1143mm)	1	28281143PT	Door Batten (28x28x1143mm)	1	28281200PBNPT	Canopy Strip (28x28x1200mm)	1
37281417KD	Beam (37x28x1417mm)	4	37280978KD	Beam (37x28x978mm)	8	50121667PPT	Door Weather Strips (50x12x1667mm)	2
28281200PBNPT	Canopy Strip (28x28x1200mm)	1	28281200PBNPT	Canopy Strip (28x28x1200mm)	1	45121650PPT	Door Hinge Strips (45x12x1650mm)	2
50121667PPT	Door Weather Strips (50x12x1667mm)	2	50121667PPT	Door Weather Strips (50x12x1667mm)	2	45121142PPT	Kick Plate Strip (45x12x1142mm)	1
45121650PPT	Door Hinge Strips (45x12x1650mm)	2	45121650PPT	Door Hinge Strips (45x12x1650mm)	2	44161583PT	Cover Strip (44x16x1583mm)	7
45121143PPT	Kick Plate Strip (45x12x1143mm)	1	45121143PPT	Kick Plate Strip (45x12x1143mm)	1	40121198PPT	Top of Door Weather Strip (40x12x1198mm)	1
44161583PT	Cover Strip (44x16x1583mm)	9	44161583PT	Cover Strip (44x16x1583mm)	9	40120747PPT	Slamming Strips (40x12x747mm)	2
40121198PPT	Top of Door Weather Strip (40x12x1198mm)	1	40121198PPT	Top of Door Weather Strip (40x12x1198mm)	1	SUMBARGE1326PT	Fascia (68x12x1326mm)	4
40120747PPT	Slamming Strips (40x12x747mm)	2	40120747PPT	Slamming Strips (40x12x747mm)	2	RPET590	Square Window	2
SUMBARGE1326PT	Fascia (68x12x1326mm)	4	SUMBARGE1326PT	Fascia (68x12x1326mm)	4	XT4001087	Long Acrylic Window	2
RPET590	Square Window	2	RPET590	Square Window	4	26121068PPT	Long Window Side Strips (26x12x1068mm)	4
XT4001087	Long Acrylic Window	2	XT4001087	Long Acrylic Window	2	26121068PPT	Long Window Top & Bottom Strips (26x12x405mm)	4
26121068PPT	Long Window Side Strips (26x12x1068mm)	4	26121068PPT	Long Window Side Strips (26x12x1068mm)	4	15120349PPT	Beading (15x12x349mm)	2
26121068PPT	Long Window Top & Bottom Strips (26x12x405mm)	4	26121068PPT	Long Window Top & Bottom Strips (26x12x405mm)	4	85009	PVC Z-Strip 610mm	2
26120405PPT	Beading (15x12x405mm)	2	15120349PPT	Beading (15x12x349mm)	2	OSB150712918	OSB Sheet - Roof	2
15120349PPT	Beading (15x12x349mm)	2	85009	PVC Z-Strip 610mm	2	FIN20010512PT	Finial	1
85009	PVC Z-Strip 610mm	2	45451180PAI63	Central Beam - Truss (45x45x1180mm)	2	85014	Felt	1
OSB150712918	OSB Sheet - Roof	2	OSB129110498	OSB Sheet - Roof	4			
FIN20010512PT	Finial	1	FIN20010512PT	Finial	1			
85014	Felt	1	85014	Felt	1			

(The parts do not have codes on them. They are listed above should you need to order one.)