General Instructions

Please retain product label and instructions for future reference

[redacted]

10X10 OVERLAP APEX SHED

BEFORE YOU START PLEASE READ INSTRUCTIONS CAREFULLY

- Check the pack and make sure you have all the parts listed.
- When you are ready to start, make sure you have the right tools at hand (not supplied) including a Phillips screwdriver, Stanley knife, wood saw, step ladder and drill with 2mm bit.
- Ensure there is plenty of space and a clean dry area for assembly.

TIMBER

As with all natural materials, timber can be affected during various weather conditions. For the duration of heavy or extended periods of rain, swelling of the wood panels may occur. Warping of the wood may also occur during excessive dry spells due to an interior moisture loss. Unfortunately, these processes cannot be avoided but can be helped. It is suggested that the outdoor building is sprayed with water during extended periods of warm sunshine and sheltered as much as possible during rain or snow.

Our buildings are pre treated with a water based treatment**; this only helps to protect the product during transit and for upto 3 months against mould. To validate your guarantee and ensure longevity of the product, it is ESSENTIAL the building is treated with a wood preserver within the first three months of assembly and thereafter in accordance with the manufactures recommendations. Care must be taken to ensure the product is placed on a suitable base.

BUILDING A BASE

When thinking about where the building and base is going to be constructed: Ensure that there will be access to all sides for maintenance work and annual treatment.

Ensure the base is level and is built on firm ground, to prevent distortion. Refer to diagrams for the base dimensions, The base should be slightly smaller than the external measurement of the building, i.e. The cladding should overlap the base, creating a run off for water. It is also recommended that the floor be at least 25mm above the surrounding ground level to avoid flooding.

TYPES OF BASE

- Concrete 75mm laid on top of 75mm hard-core.
- Slabs laid on 50mm of sharp sand.

Whilst all products manufactured are made to the highest standards of Safety and in the case of childrens products independently tested to EN71 level, we cannot accept responsibility for your safety whilst erecting or using this product.

Refer to the instructions pages for you specific product code

All building's should be erected by two adults

Winter = High Moisture = Expansion
Summer = Low Moisture = Contraction

2mm Drill bit

For ease of assembly, you **MUST** pilot drill all screw holes and ensure all screw heads are countersunk.

CAUTION
Every effort has been made during the manufacturing process to eliminate the prospect of splinters on rough surfaces of the timber. You are strongly advised to wear gloves when working with or handling rough sawn timber.

****Protim Aquatan T5 (621)****

Your building has been treated with **Aquatan**.

Aquatan is a water-based concentrate which is diluted with water, the building as been treated by the correct application of Aquatan solution and then allowed to dry.

Aquatan is a decorative finish to colour the wood, which is applied industrially to timber fence panels and garden buildings.

Aquatan *undiluted* contains: boric acid, sodium hydroxide 32% solution, aqueos mixture of sodium dioctyl sulphosuccinat and alcohols: 2, 4, 6-trichlorophenol.

For assistance please contact customer care on: 01636 880514

Mercia Garden Products Limited,
Sutton On Trent,
Newark,
Nottinghamshire,
NG23 6QN

www.merciagardenproducts.co.uk

01OVLPA1010DDFW-V1 & 01OVLPA1010DDNW-V1

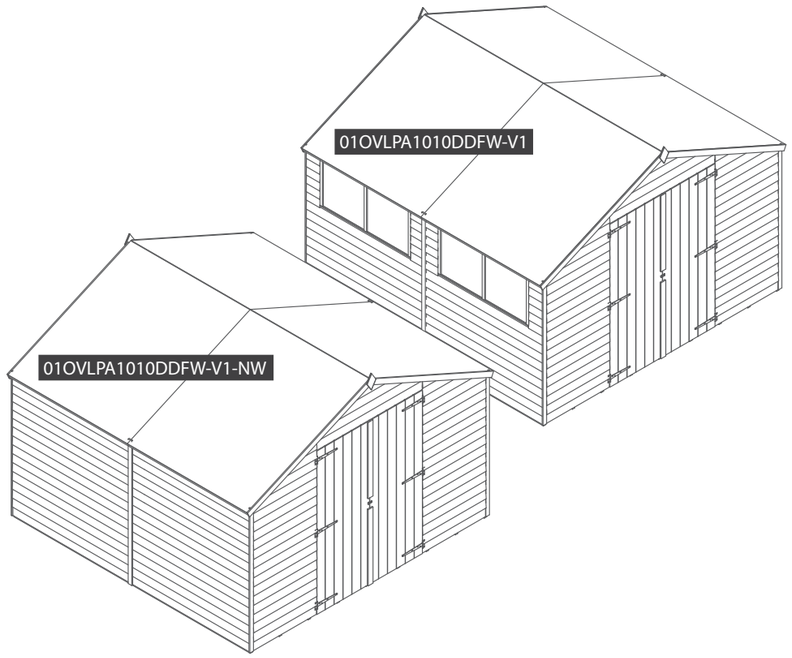
Please retain product label and instructions for future reference

Overall Dimensions:
Length = 3028mm
Width = 3095mm
Height = 2257mm

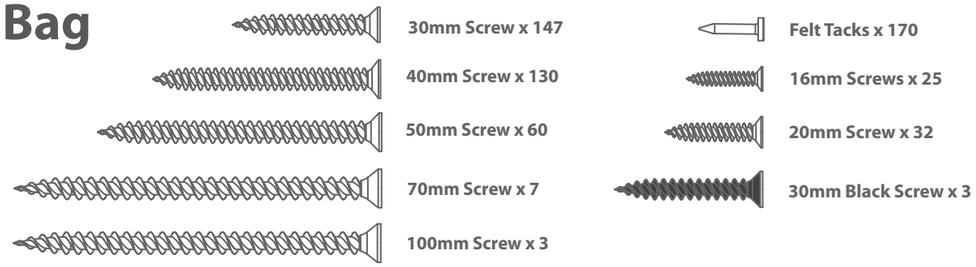
Base Dimensions:
Length = 2974mm
Width = 2974mm

Before assembly please make sure you have a suitable base ready to erect your building

MADE IN GREAT BRITAIN

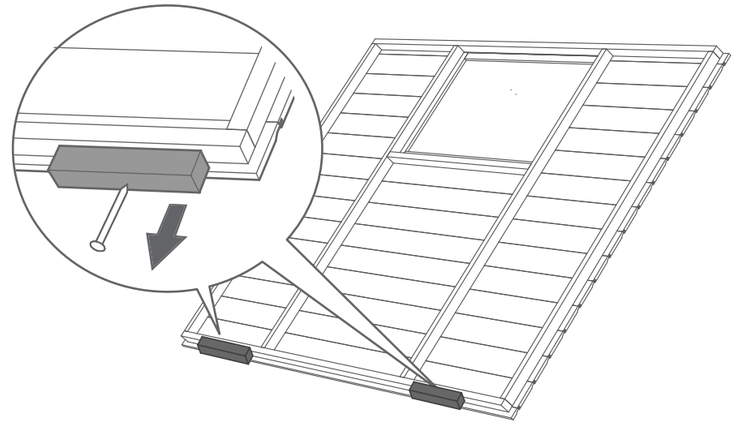


Nail Bag

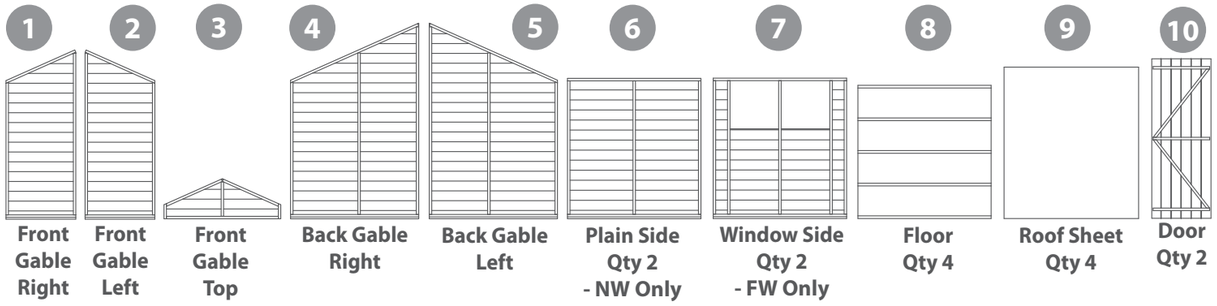


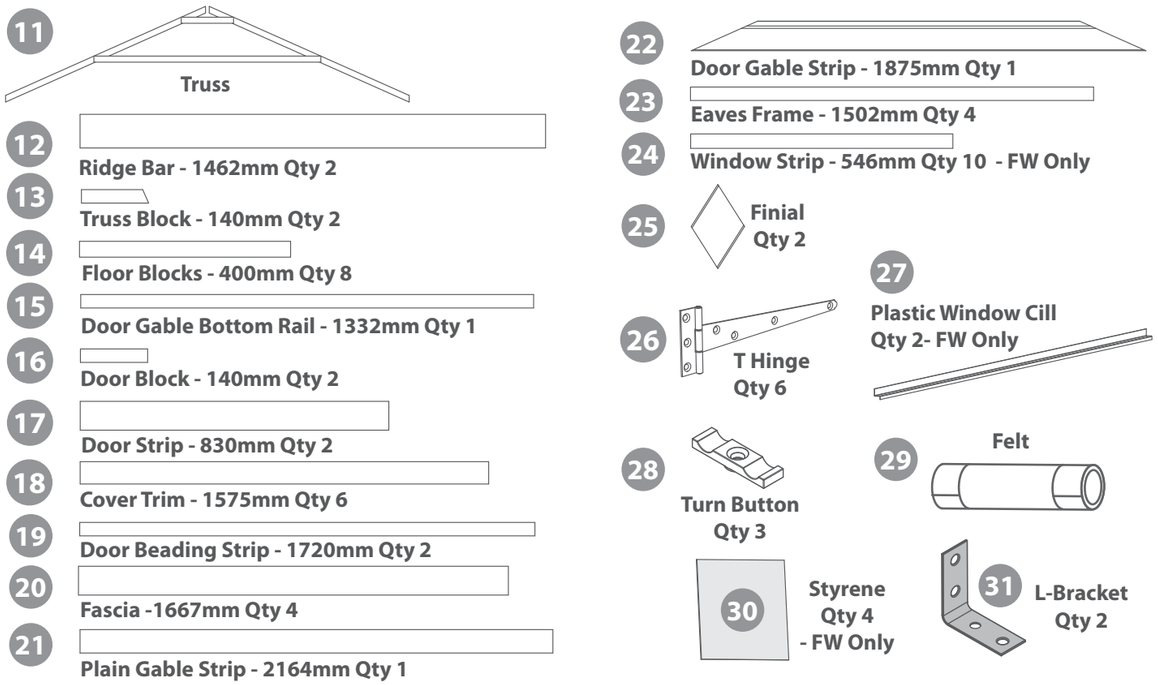
Pre Assembly

Remove transportation blocks from the bottom of each panel before beginning assembly. Each Panel should have two



Building content

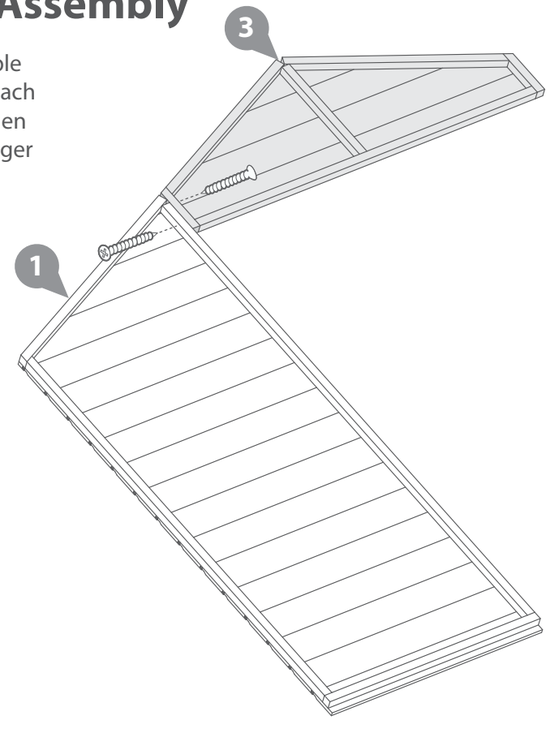




Step 1 Door Gable Assembly

Lay the Front Gable Right and Front Gable top on a level floor place them next to each other, ensure they are level at the top then fix together using 2x50mm screws. Stagger the screws so they do not collide.

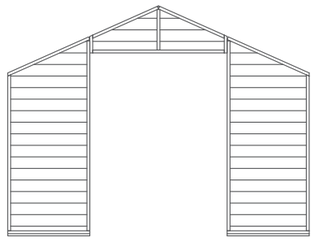
2 x 50mm screws

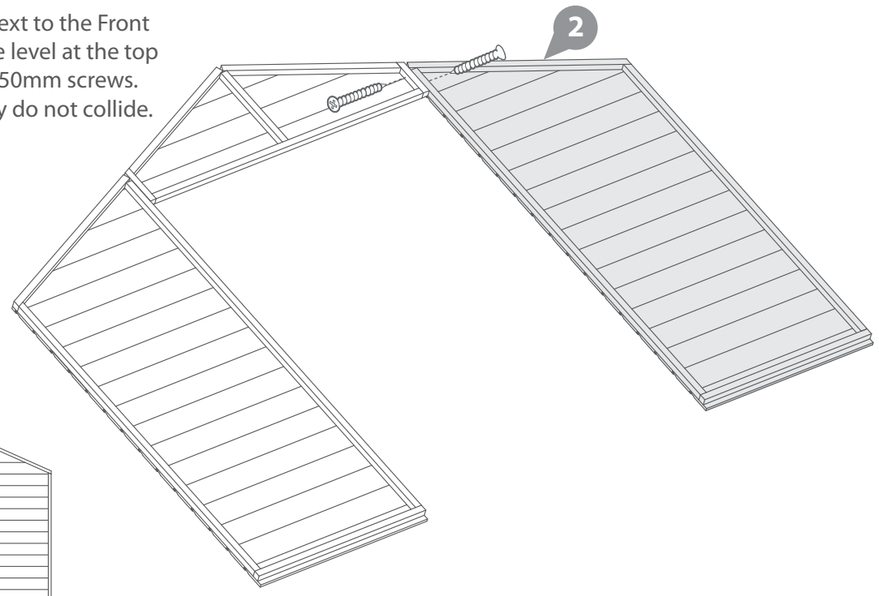


Step 2

Lay the Front Gable Left next to the Front Top Gable, ensure they are level at the top then fix together using 2x50mm screws. Stagger the screws so they do not collide.

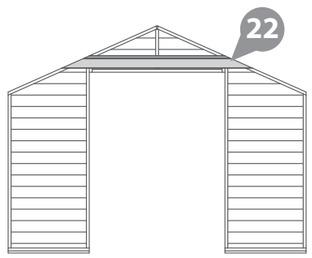
2 x 50mm screws

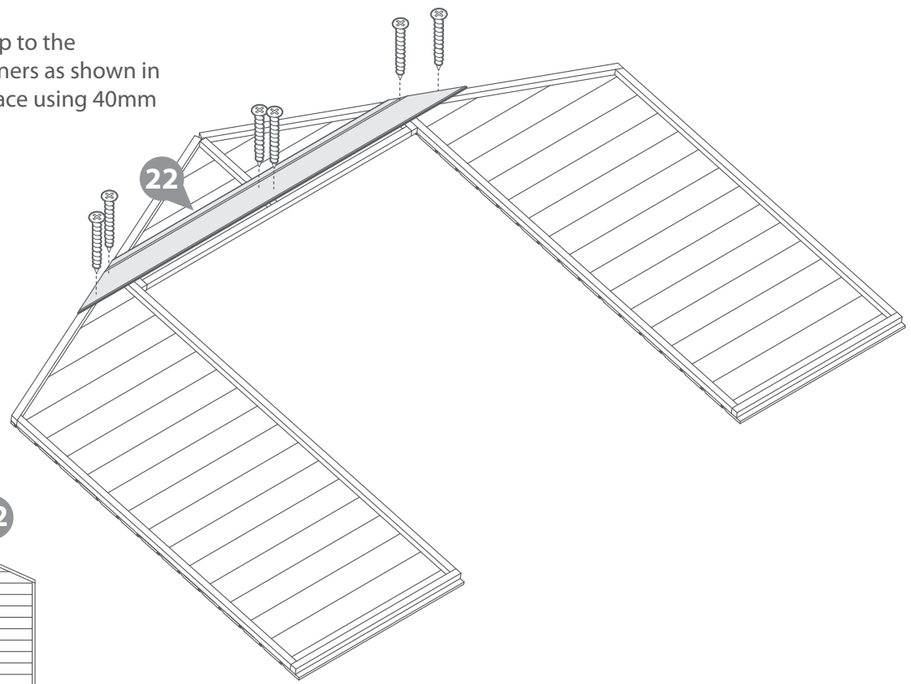




Line the Door Gable Strip up to the assembled gable at the corners as shown in the illustration and fix in place using 40mm screws

6 x 40mm screws

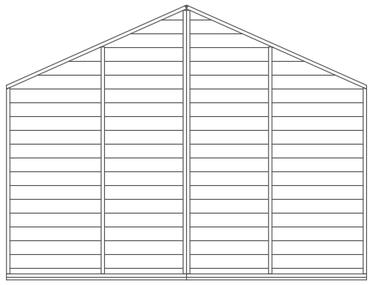


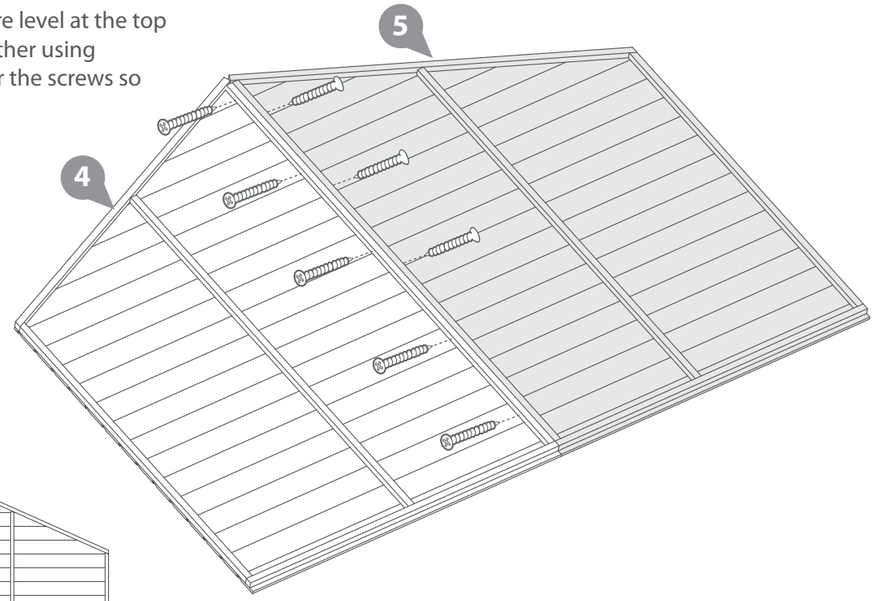


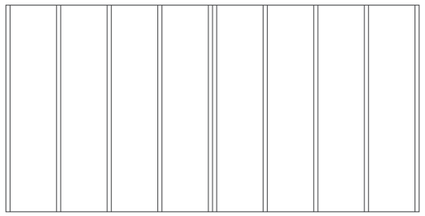
Step 3 Plain Gable Assembly

Lay the Back Left Gable and Back Right Gable on a level floor place them next to each other, ensure they are level at the top and bottom then fix together using 10x50mm screws. Stagger the screws so they do not collide.

10 x 50mm screws





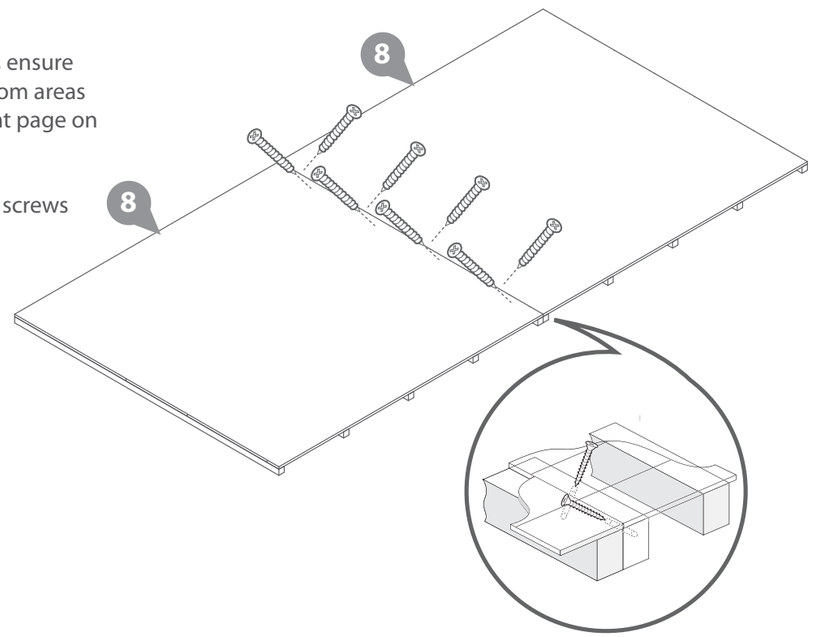


Step 4

Place floor on firm and level base, ensure base has suitable drainage free from areas where water can collect. (See front page on base requirements).

Attach the floors using 8 x 40mm screws

8 x 40mm screws



Step 5

Fix another two floor panels using the floor blocks provided.

Place the floor blocks in between the framing as shown in the diagram.

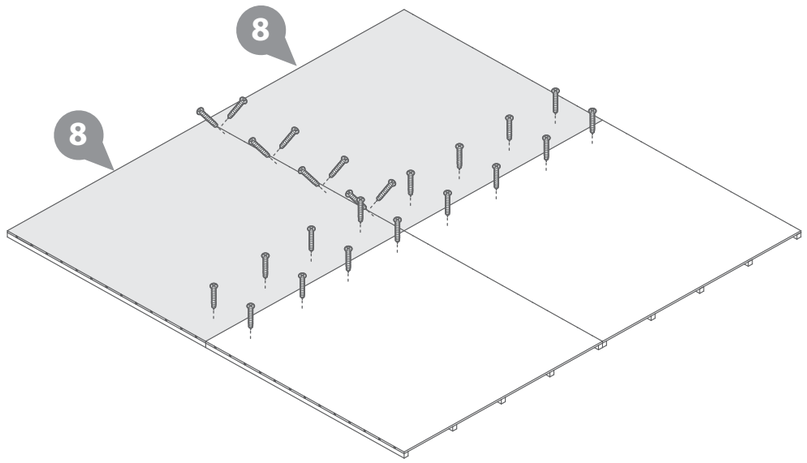
Screw the floor blocks to floor using 2x40mm screws per block screwing through the floor into the floor blocks.

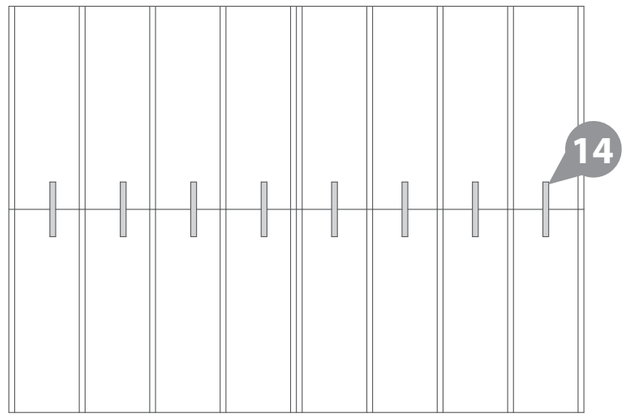
Fix the two floor panels together using the same method shown in step 4 using 8x40mm screws.

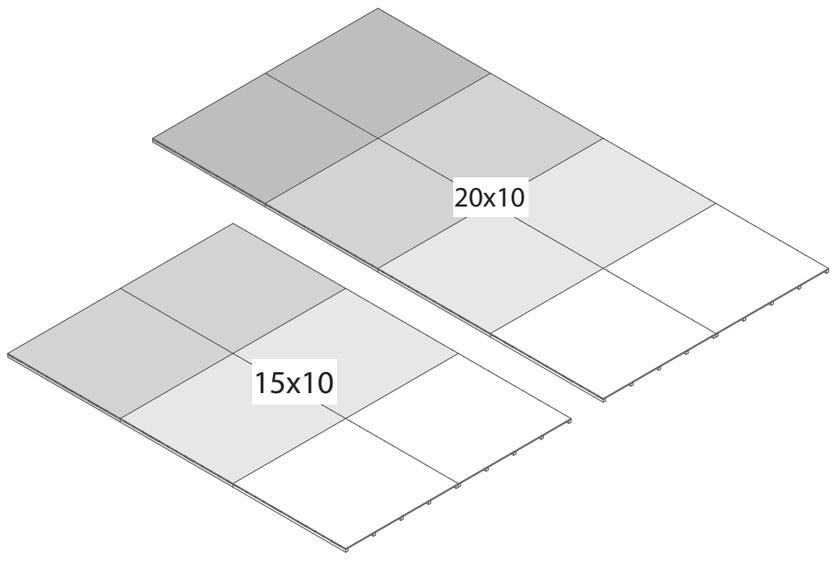
Repeat this step once more if you are assembling the 15x10 and another two times if you are assembling the 20x10.

10x10 - 24x40mm screws
15x10 - 48x40mm screws
20x10 - 72x40mm screws

Pre drill hole







Step 6

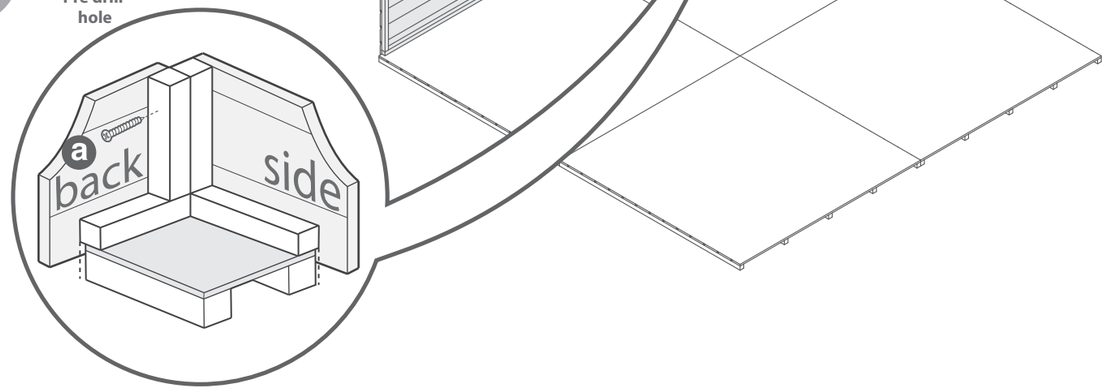
a Fix the corners with 50mm screws as shown in diagram.

b Do not secure the building to the floor until the roof is fitted.

Position the panels so there is equal spacing between the floor and cladding on all 4 sides

3x50mm Screws

Pre drill hole

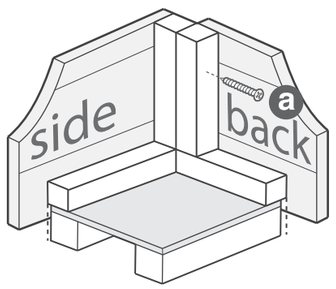


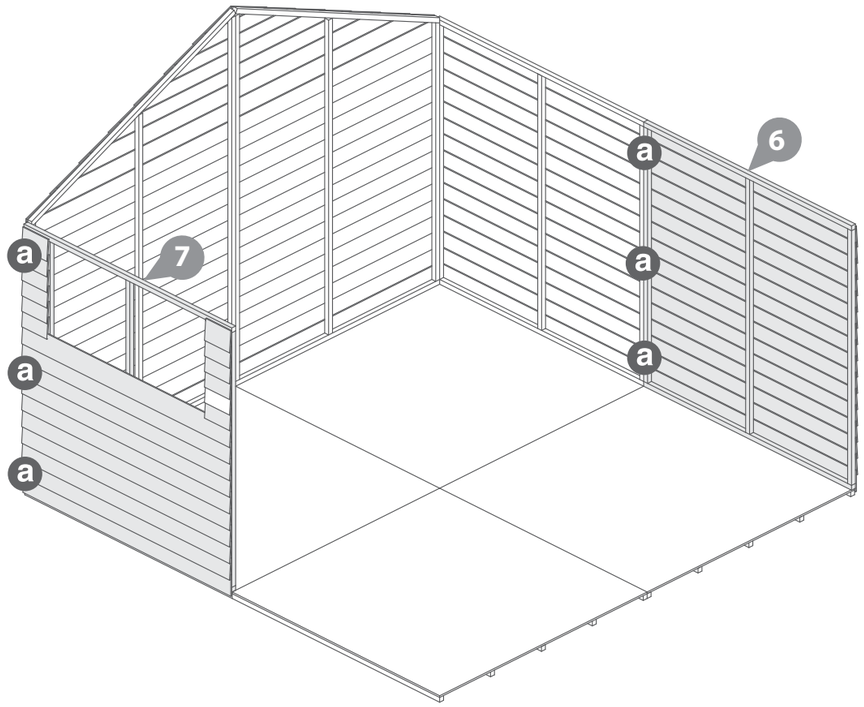
Step 7

Fix the remaining plain side and a window side at the corners with 50mm screws as shown in diagram.

6x50mm Screws

Pre drill hole





Step 8

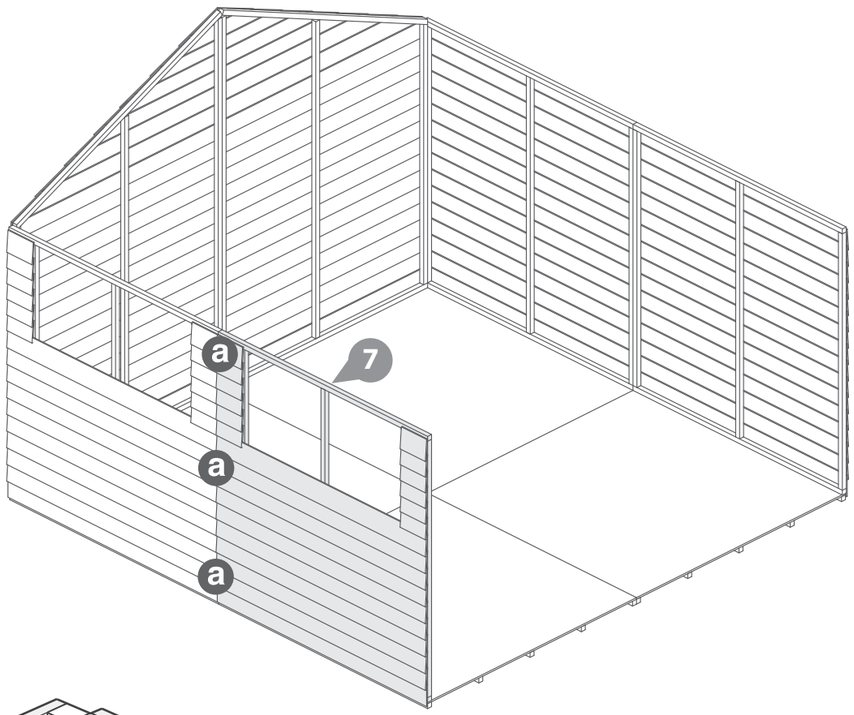
Fix the remaining window side at the corners with 50mm screws as shown in diagram.

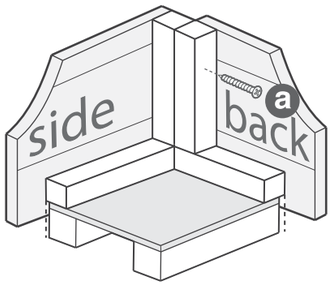
Continue to add window sides and plain sides using the same method if you are assembling a 15x10 or 20x10.

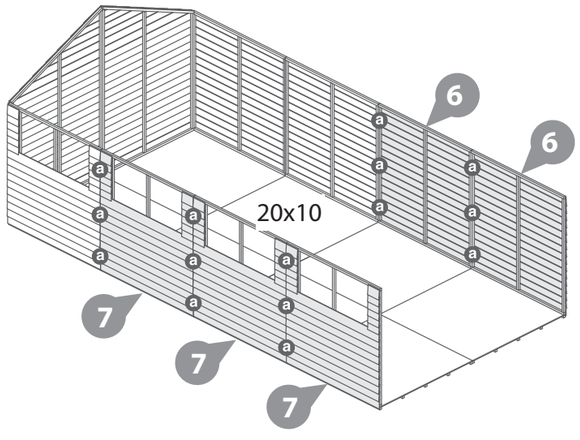
For a 15x10 you will have an extra Plain and Window Side panel.

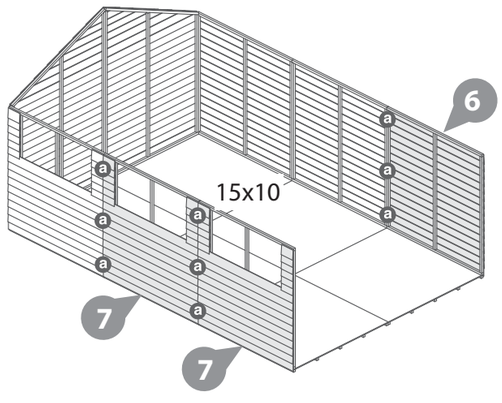
For a 20x10 you will have extra two Plain and Window sides.

10x10 - 3x50mm Screws
15x10 - 9x50mm Screws
20x10 - 15x50mm Screws





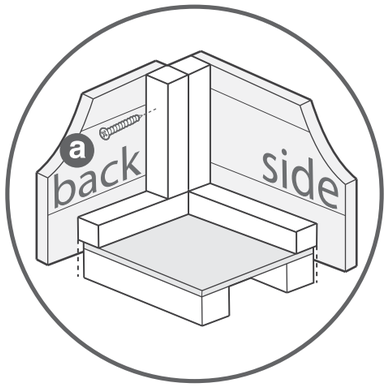


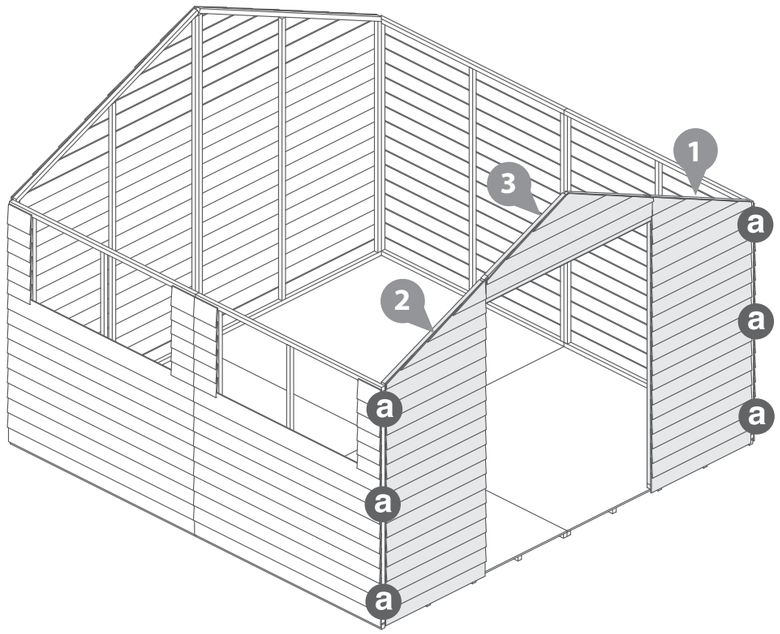


Step 9

Fix the Door Gable (refer to steps 1 and 2 if you have not already assembled this) at the corners with 50mm screws as shown in diagram.

6x50mm Screws

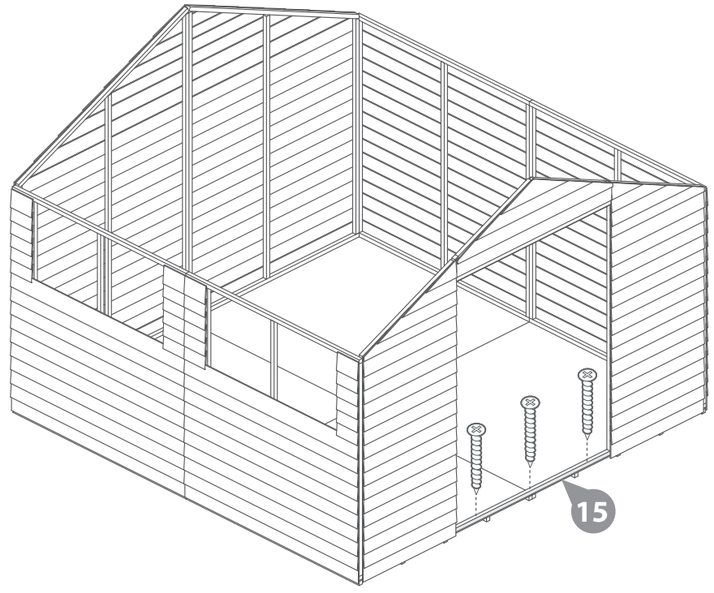




Step 10

Fit the Door Gable Bottom rail between the Front Gable Left and Right. Fix to the floor using 3x50mm screws making sure the screws go through to the floor framing.

3x50mm Screws

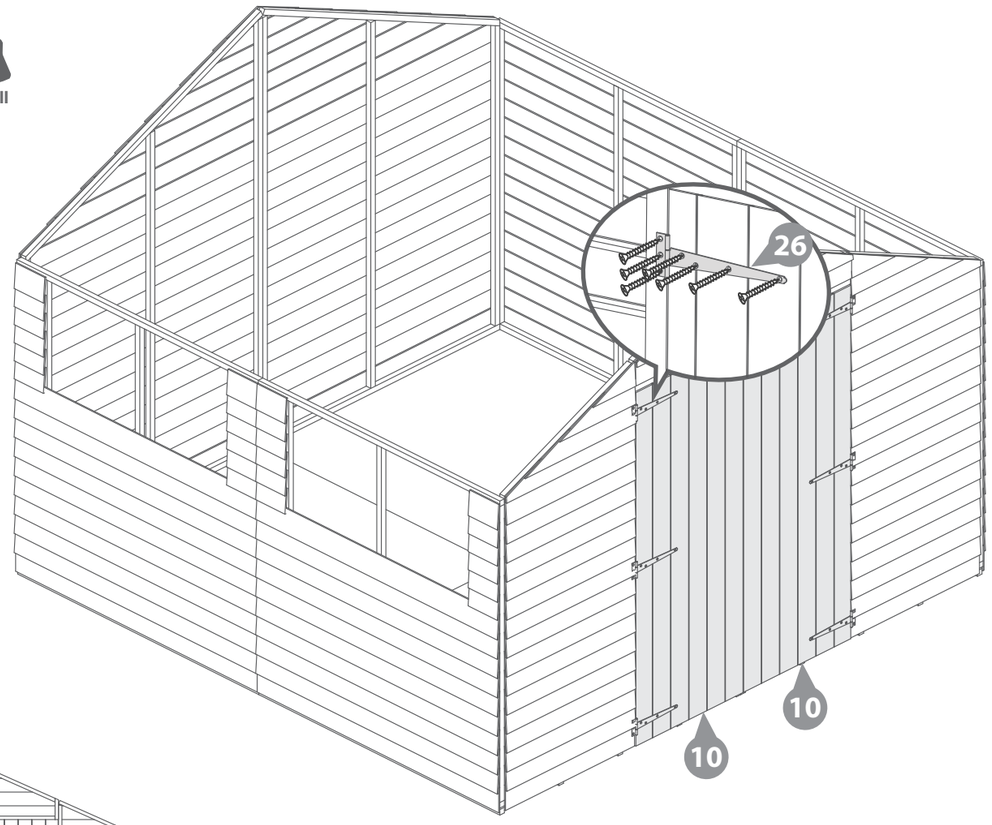


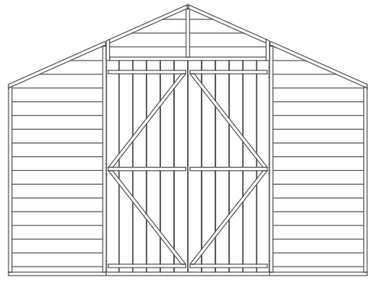
Step 11

Fix the T Hinges onto the doors and door gable as shown. Ensure that the screws go through the cladding and into the framing behind.

42x30mm screws

Pre drill hole





Internal View

Step 12

Place a Truss central to where two panels join. Align the top of the truss with the top of the sides as shown in the diagram.

HINT - Use a piece from the fixing kit as a guide.

Pencil mark the truss position and remove truss.

Place the truss blocks up to the pencil mark and fix using 2x70mm screws per block.

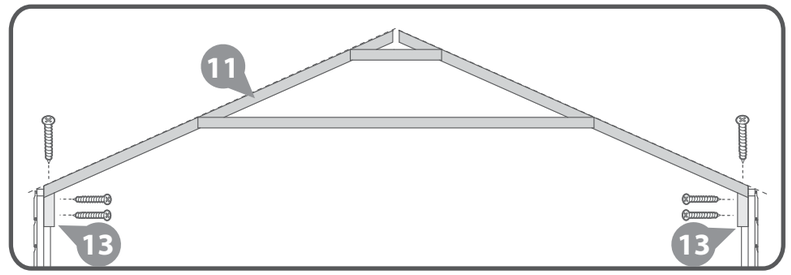
Place the truss back into position on top of the support block and secure using 100mm screw each side from the top down through the truss and into the block.

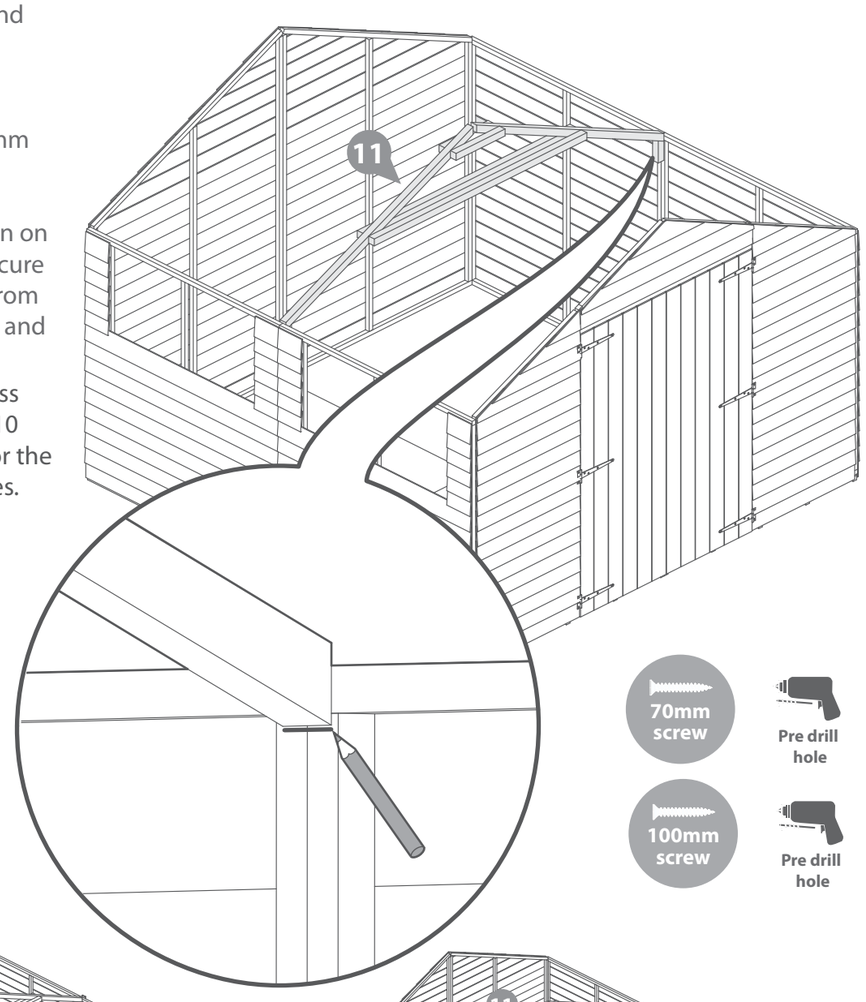
For 15x10 and 20x10 build a truss where each panel joins, for 15x10 you will have two trusses and for the 20x10 you will have three trusses.

10x10 - 4x70mm Screws
2x100mm Screws

15x10 - 8x70mm Screws
4x100mm Screws

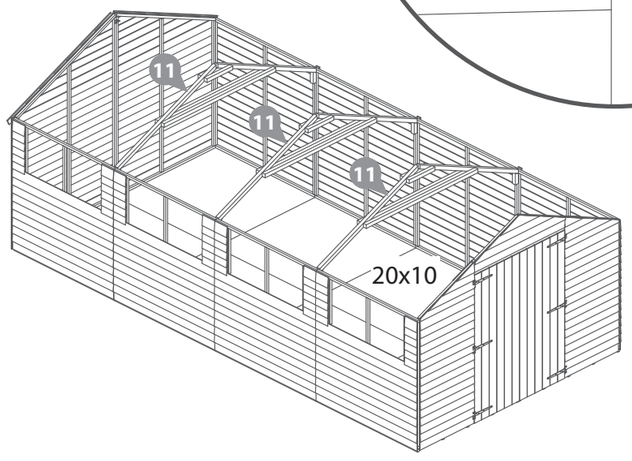
20x10 - 12x70mm Screws
6x100mm Screws

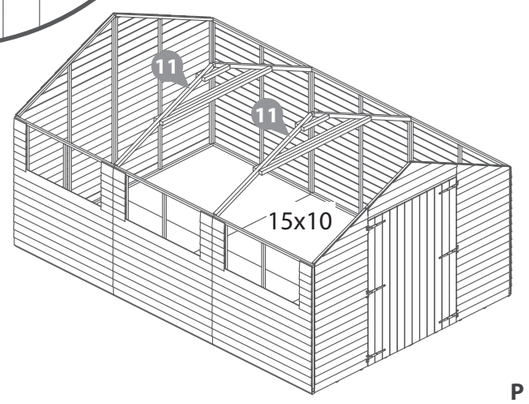




Pre drill hole

Pre drill hole





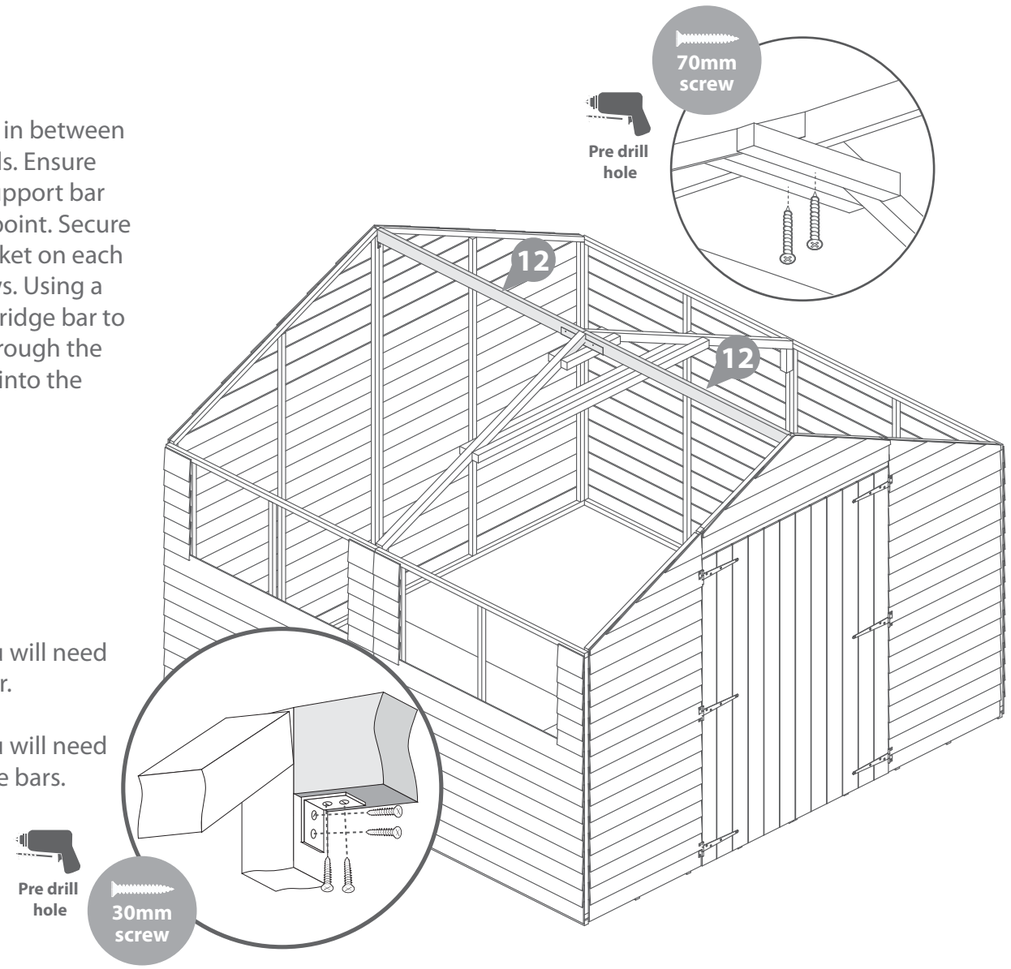
Step 13

Place the two ridge bars in between the front and back panels. Ensure the top corners of the support bar are flush with each top point. Secure in place using the L Bracket on each end with 4x30mm screws. Using a 70mm screw secure the ridge bar to the truss by screwing through the underneath of the truss into the ridge bar.

10x10 - 2x70mm Screws
8x30mm Screws
15x10 - 4x70mm Screws
8x30mm Screws
20x10 - 6x70mm Screws
8x30mm Screws

For a 15x10 building you will need to add another Ridge Bar.

For a 20x10 building you will need to add another two ridge bars.



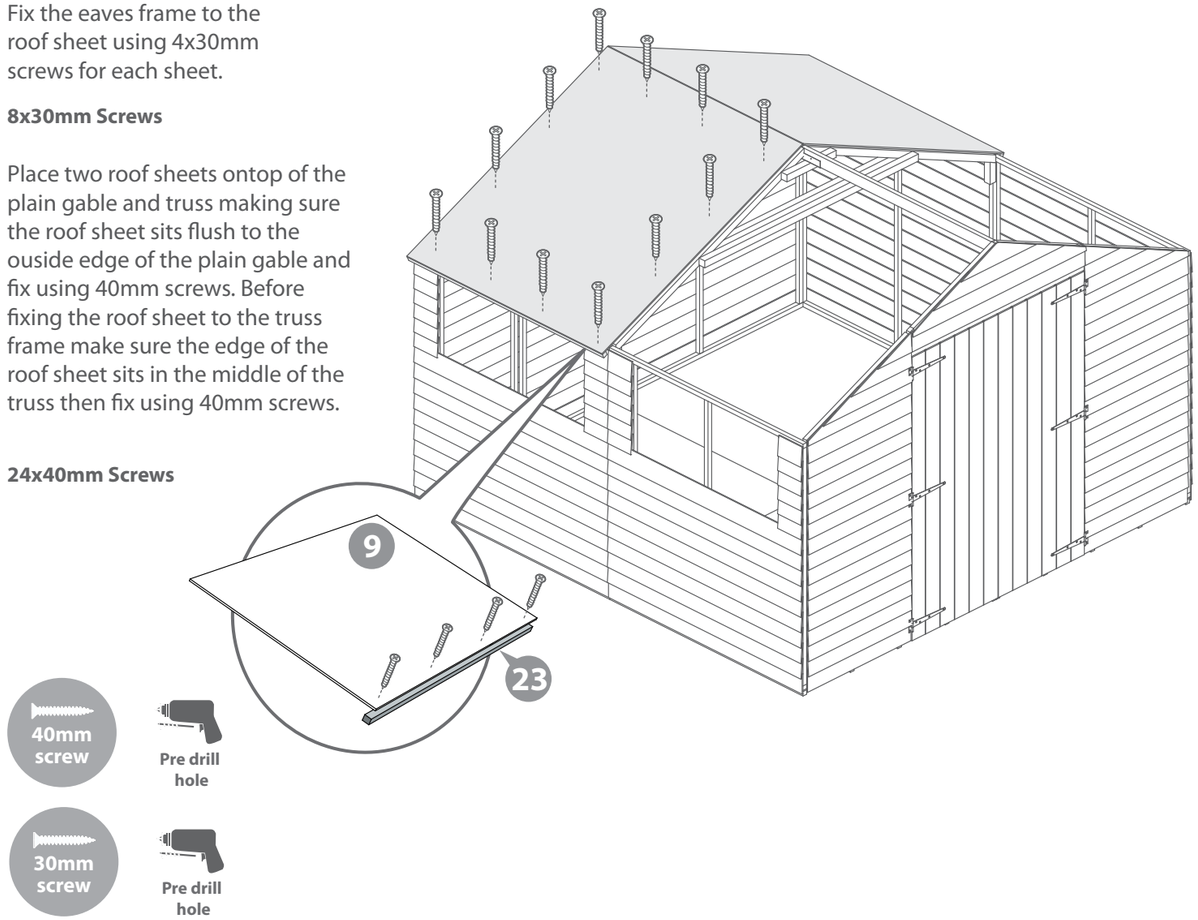
Step 14

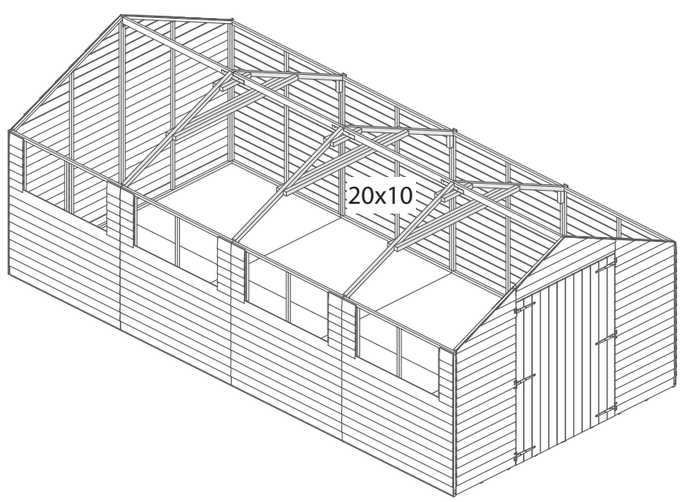
Fix the eaves frame to the roof sheet using 4x30mm screws for each sheet.

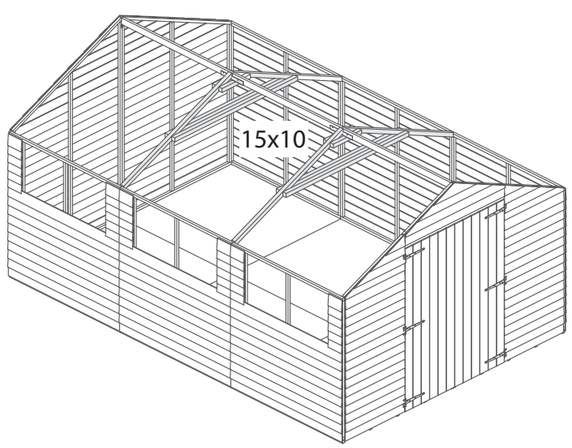
8x30mm Screws

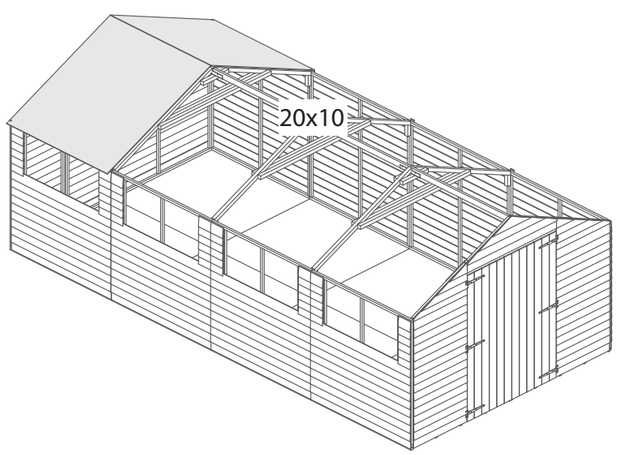
Place two roof sheets ontop of the plain gable and truss making sure the roof sheet sits flush to the ouside edge of the plain gable and fix using 40mm screws. Before fixing the roof sheet to the truss frame make sure the edge of the roof sheet sits in the middle of the truss then fix using 40mm screws.

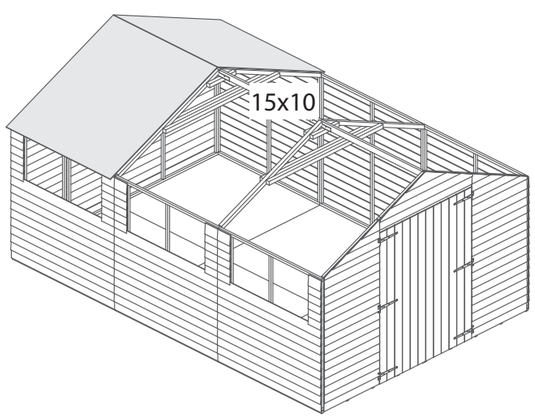
24x40mm Screws











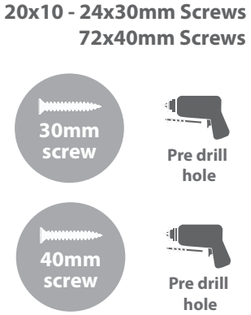
Step 15

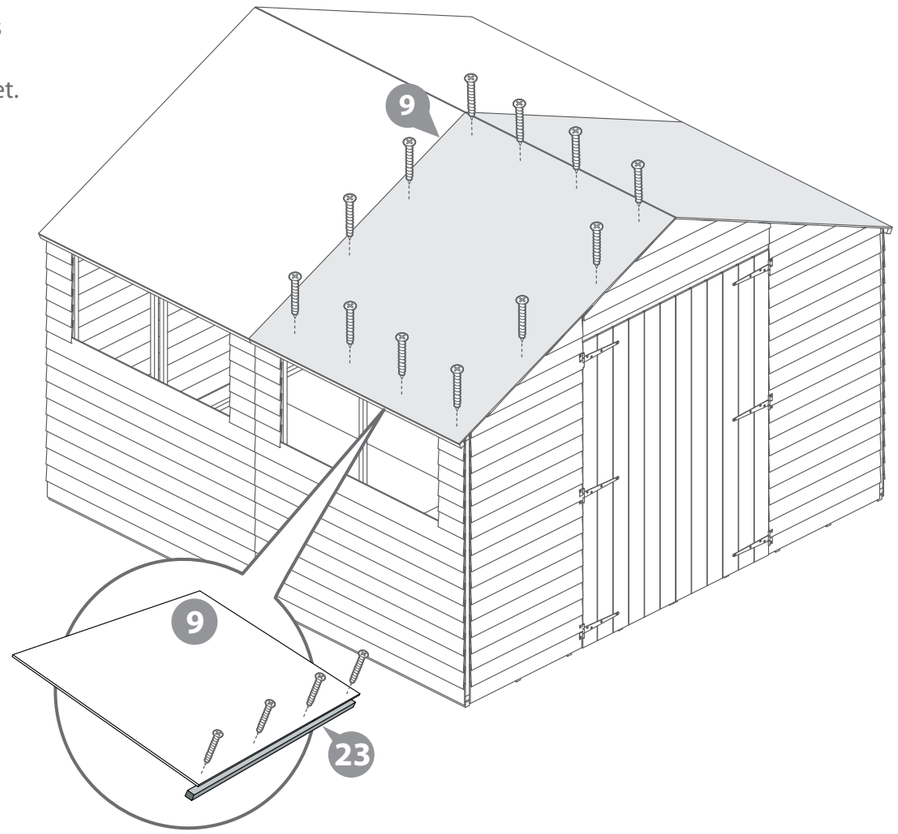
Fix the remaining eaves frames to the remaining roof sheets using 4x30mm screws per sheet.

Place the roof sheet ontop of the truss and ensure that it butts up to the one already fixed. Fix in place with 40mm screws ensuring they go through to the framing.

For 15x10 & 20x10 buildings continue this process untill the roof is complete.

10x10 - 8x30mm Screws
24x40mm Screws
15x10 - 16x30mm Screws
48x40mm Screws
20x10 - 24x30mm Screws
72x40mm Screws

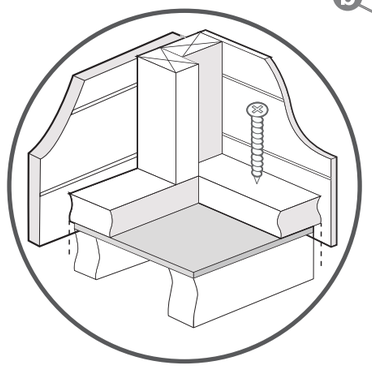


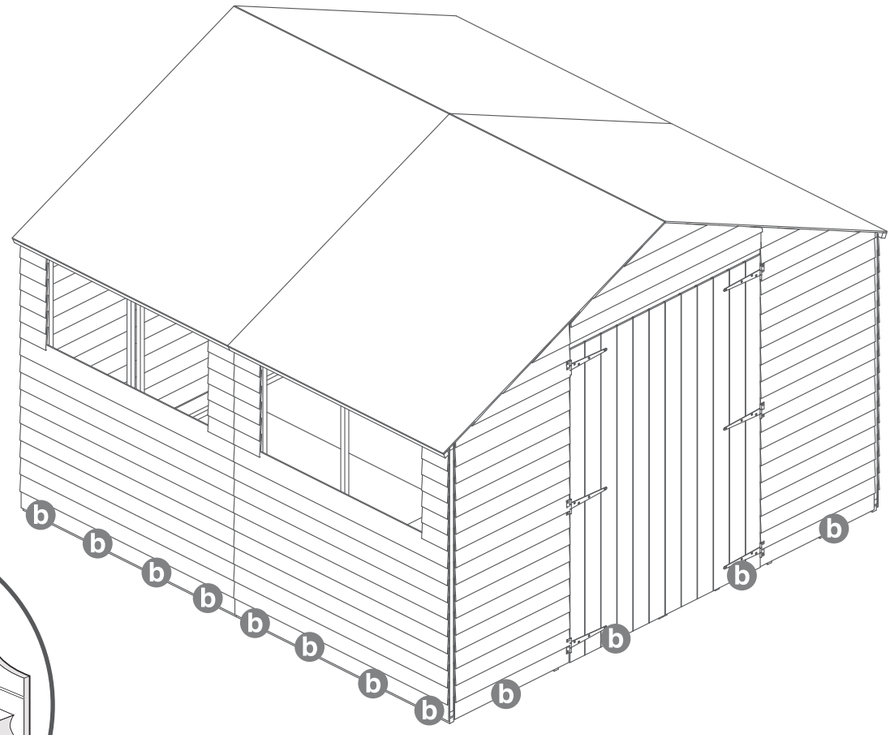


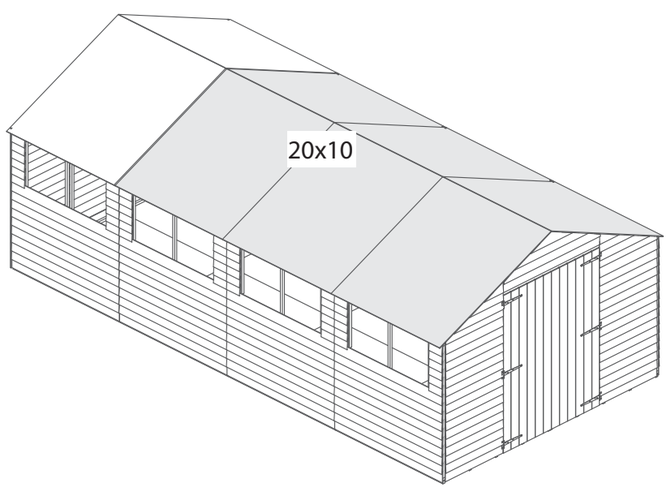
Step 16

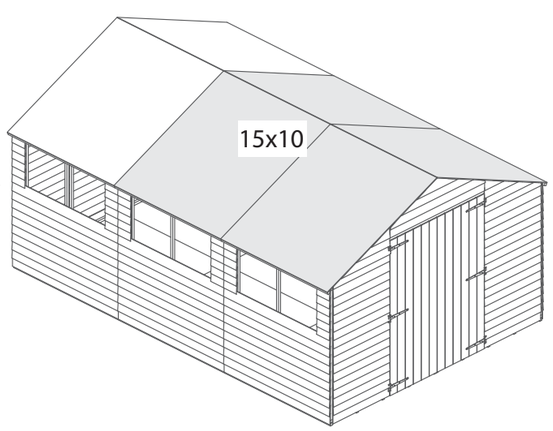
Once the roof is fixed attatch the building to the floor with 50 mm screws.

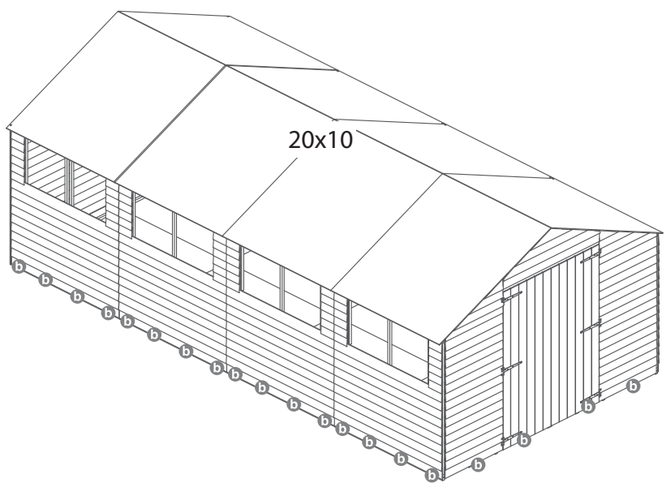
10x10 - 24 x 50mm Screws
15x10 - 40 x 50mm Screws
20x10 - 56 x 50mm Screws

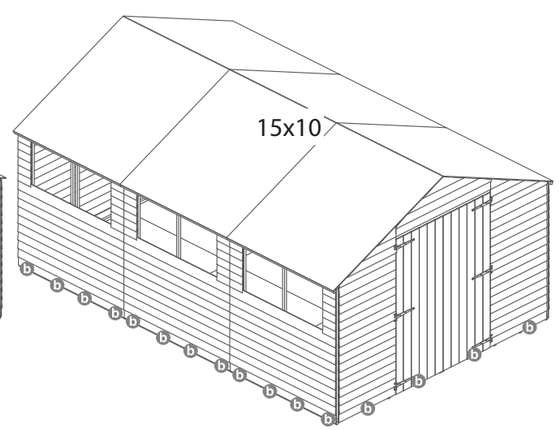












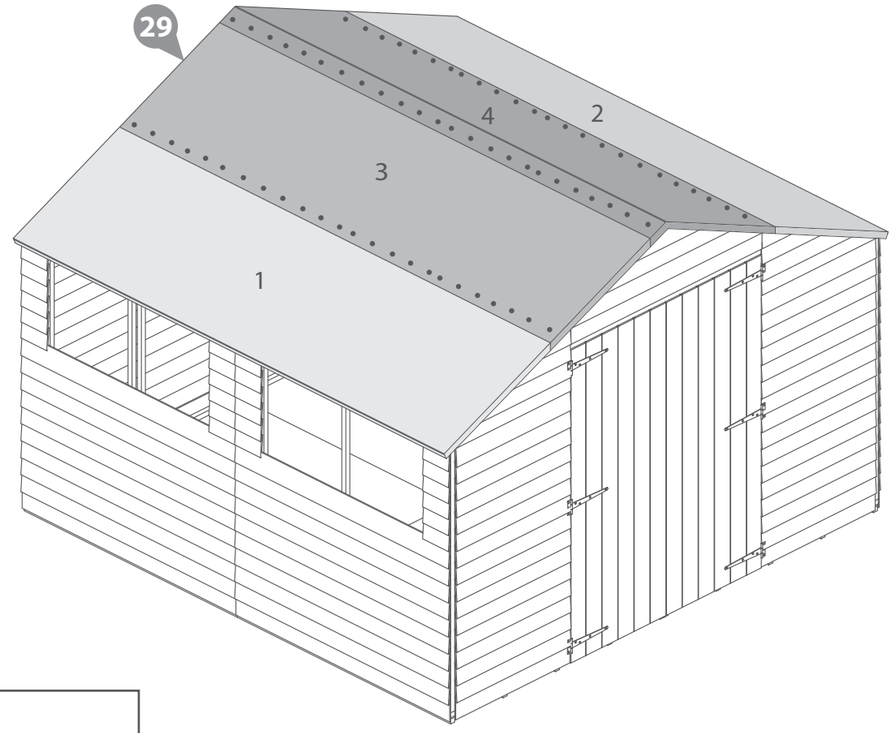
Step 17

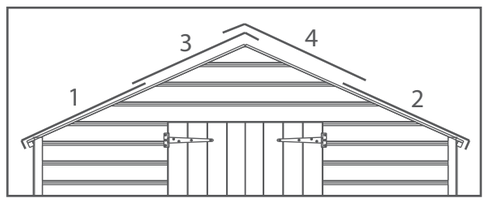
Cut four strips of felt and place onto the roof. See below for sizes.

Place the felt flat onto the roof in the order that is stated on the diagram below.

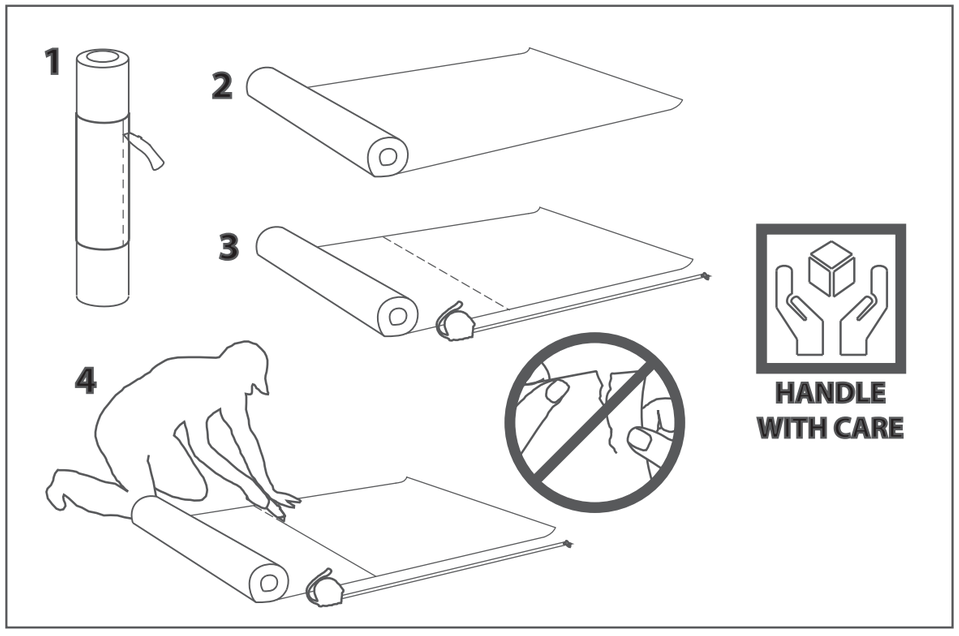
Once the sheets are laid out fix them onto the roof with tacks 100mm apart.

Felt Strip Sizes
10x10 - 3210mm
15x10 - 4690mm
20x10 - 6180mm





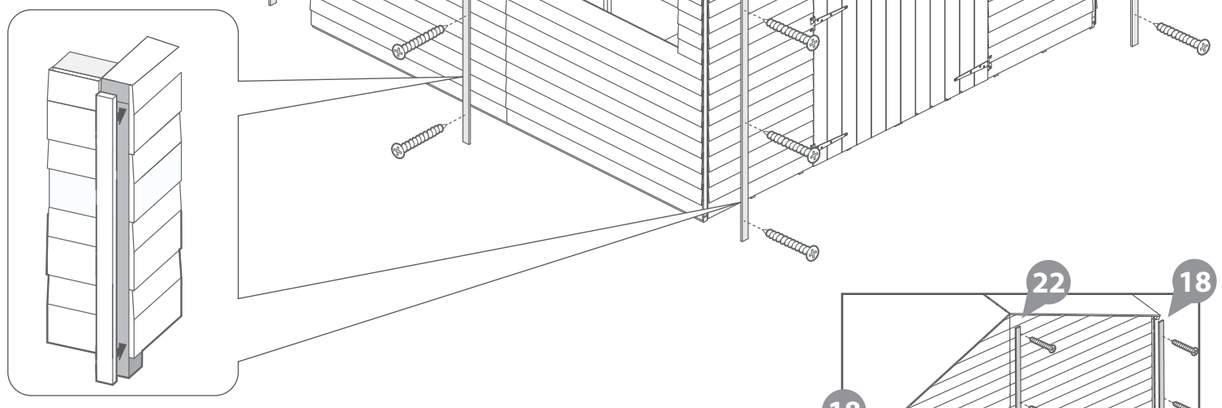
10x10 - 170 x felt tacks
15x10 - 240 x felt tacks
20x10 - 310 x felt tacks

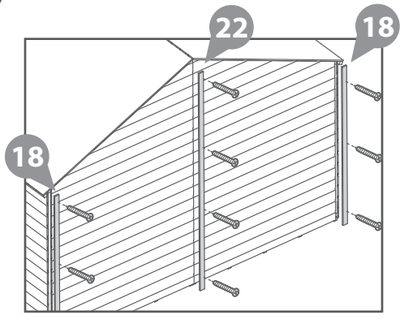


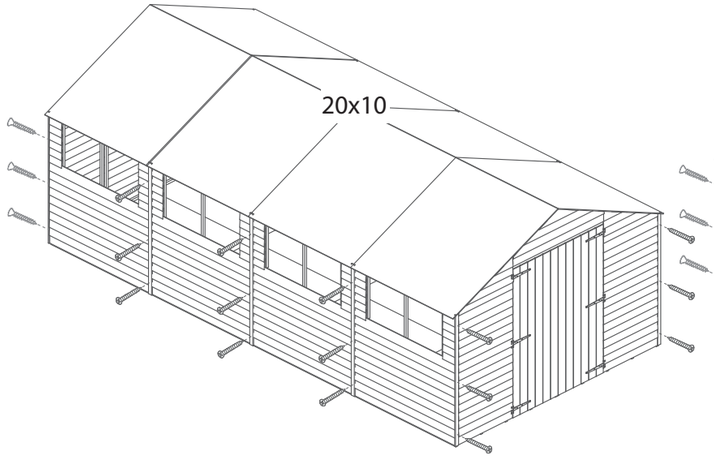
Step 18

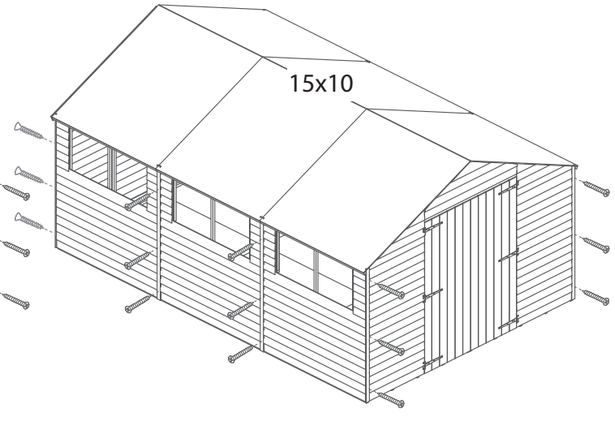
Fit the cover trims to the building and secure in place with 40mm screws as shown.
Fit the Plain Gable Strip where the two back gables join using 4x40mm screws. Pre drill to avoid splitting.

10x10 - 22x40mm Screws
15x10 - 28x40mm Screws
20x10 - 34x40mm Screws







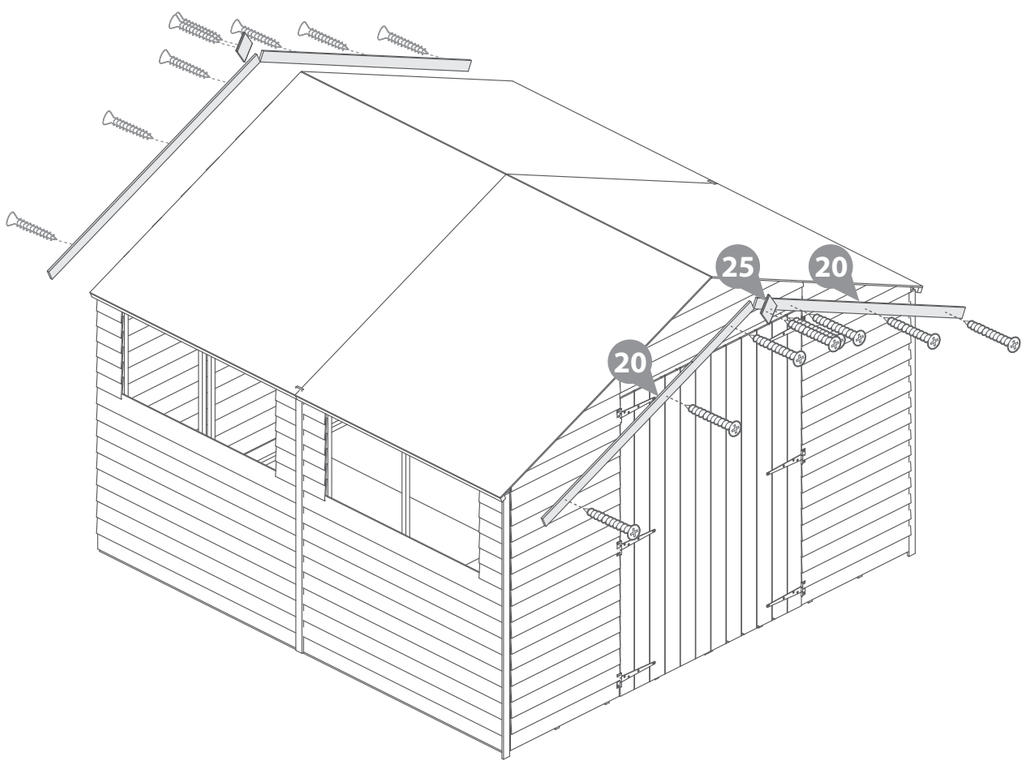


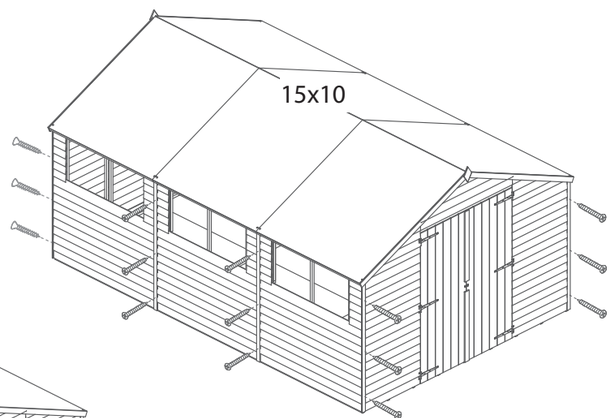
Step 19

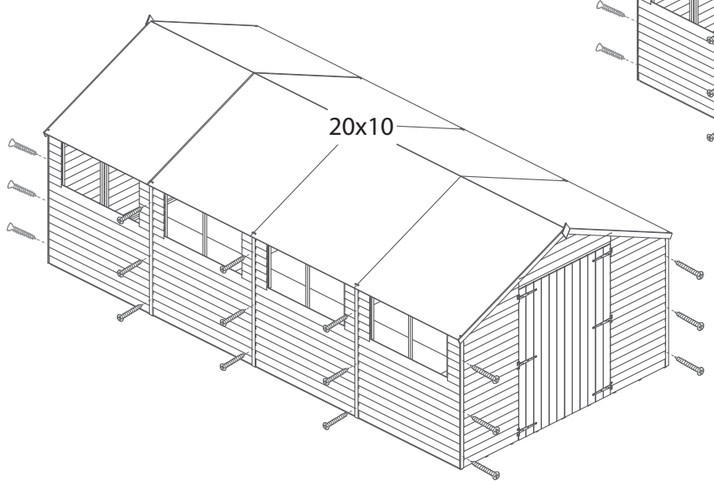
Attatch faisca's to the roof leaving a slight overhang at the top.

Fit the fascias to the roof over the felt and secure in place with 40mm screws as shown.
Pre drill to avoid splitting.

16x40mm Screws







Step 20

a First line up the door blocks on top of the framing of the doors. Then fix with 2x30mm screws by screwing through the matchboard door into the block. The two central blocks are only for 01SHPA buildings

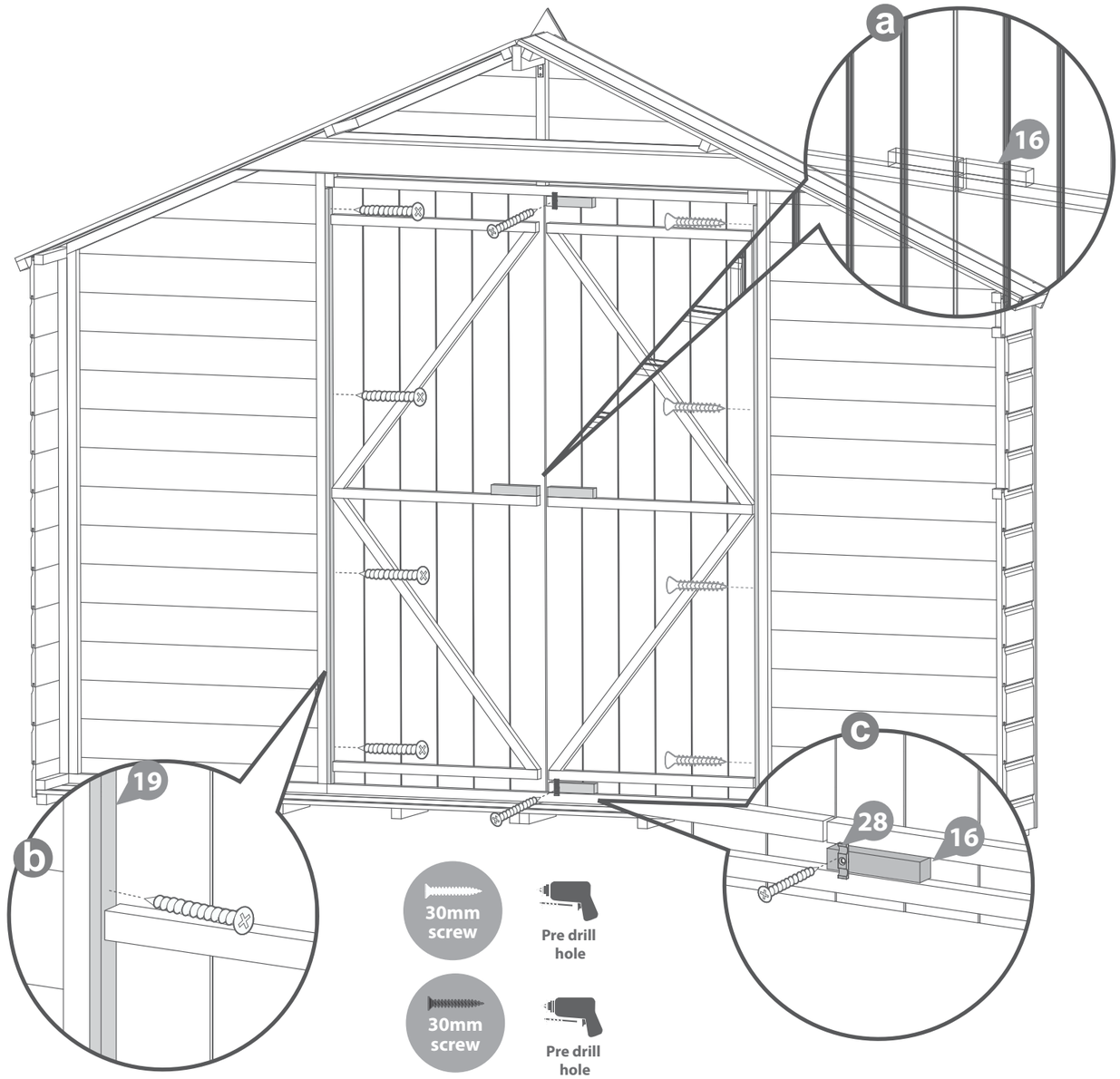
8x30mm Screws

b Use 4x30mm Screws to fix each beading strip onto the door gable. Ensure that the screw is parallel with the door frame when fixing the strip to the door gable as shown in the close up view.

8x30mm Screws

c Attatch the turn button to the top and bottom door blocks with 1x30mm screw for each one.

2x30mm Black Screws



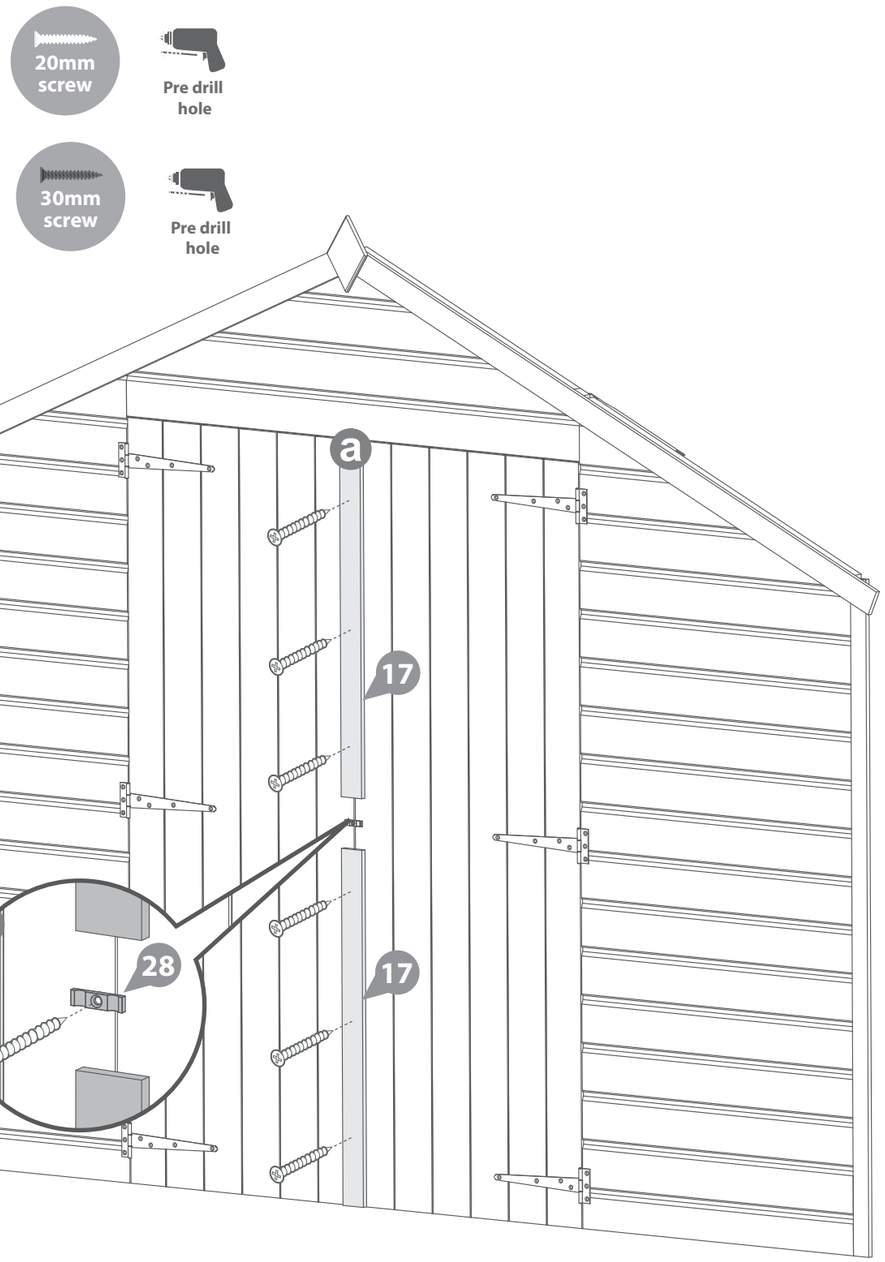
Step 21

a Fix the door strips to the master door using 5x30mm screws.
If the strips are attatched to the slave door the doors will not open properly.

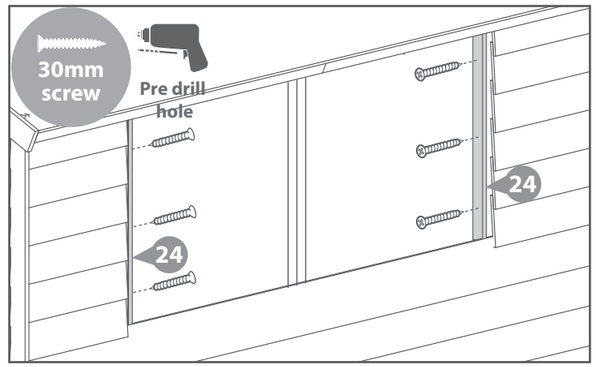
6x20mm Screws

b Use 1x30mm screw to secure the turn button to the master door.

1x30mm Black Screws

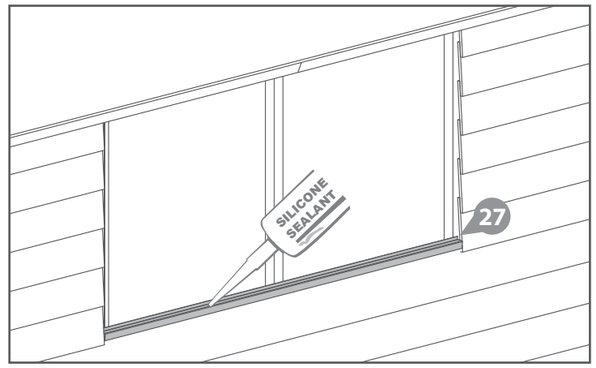


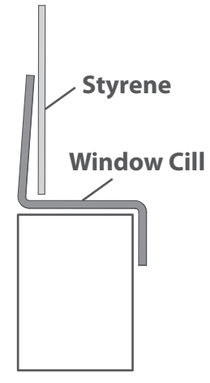
Step 22



Fix the window strips to the two pieces of framing that sit alongside the outside edges of the window with 3x30mm screws for each strip.

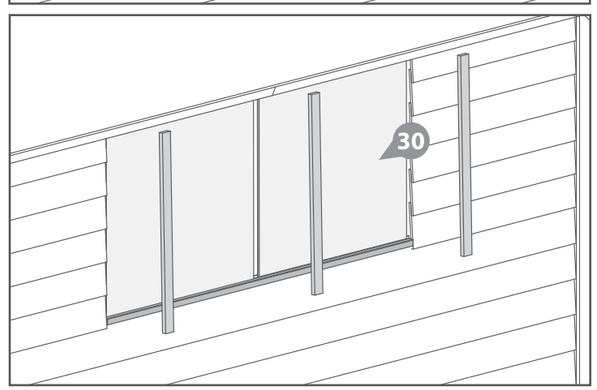
6x30mm Screws





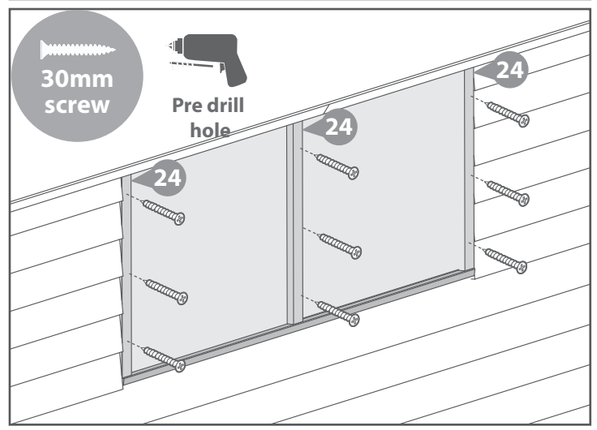
Side View

Place the plastic window cill onto the Window Panel and silicone in place as shown on both diagrams to the left.



Fit the styrene sheets on top of the window cill.

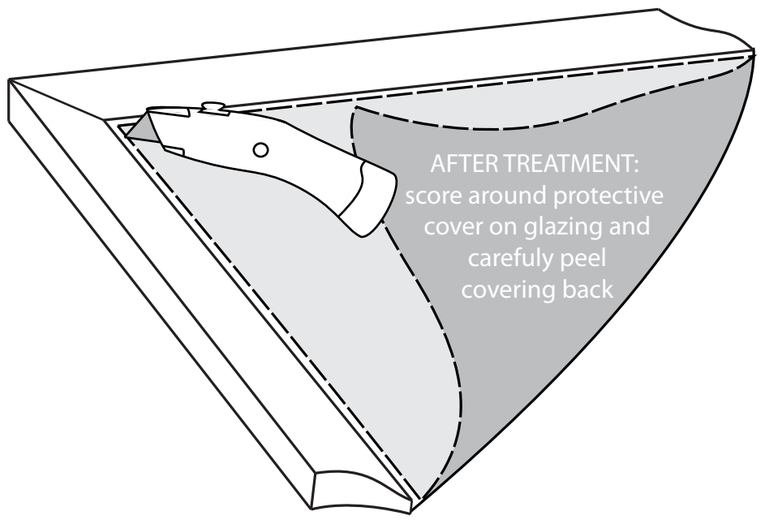
When positioning the styrene sheets ensure there is an equal distance between them and at either side of the windows.



Attach the three window strips at either side of the windows using 3x30mm screws each. Make sure the screws enter the framing in the window panel and not the styrene.

9x30mm Screws


It is ESSENTIAL that you apply wood
treatment immediately after the building
has been assembled.


AFTER TREATMENT:
score around protective
cover on glazing and
carefuly peel
covering back