General Instructions

Please retain product label and instructions for future reference

01PTOSBRA1208SDFW-V1

12x8 PRESSURE TREATED OSB REVERSE APEX

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.

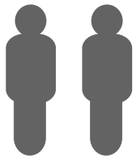
Ensure the base is level and is built on firm ground, to prevent distortion. Refer to diagrams for the base dimensions, The base should be slightly smaller than the external measurement of the building, i.e. The cladding should overlap the base, creating a run off for water. It is also recommended that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

Pressure Treated Timber

Pressure treating is a chemical process which helps to protect wood against adverse weather which could lead to rot or insect damage.

The most common chemicals used to pressure treat wood are ***Alkaline Copper Quaternary*** (***ACQ***), ***Copper Azole*** (***CA***), and ***Micronized Copper Quaternary*** (***MCQ***).

Safety: Always wear gloves, eye protection and a dust mask when handling wood. Due to chemicals in pressure treated wood, never burn its sawdust or scraps; instead dispose in a landfill.

For assistance please contact customer care on: 01636 880514

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

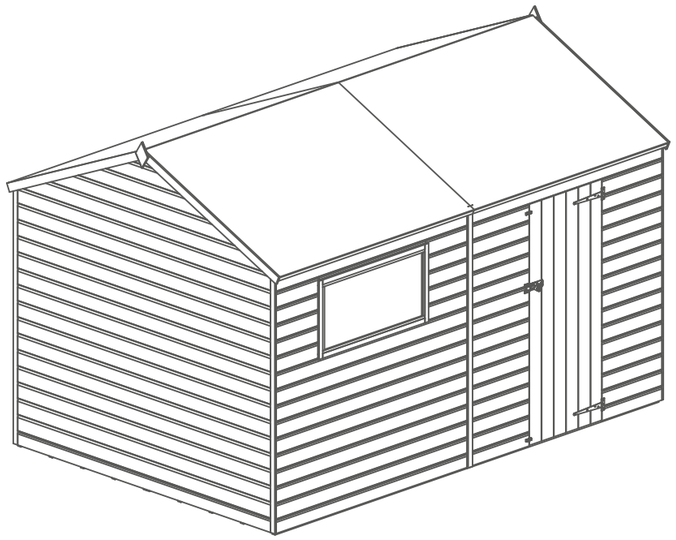
www.merciagardenproducts.co.uk

Overall Dimensions:
Length = 2482mm
Width = 3574mm
Height = 2352mm

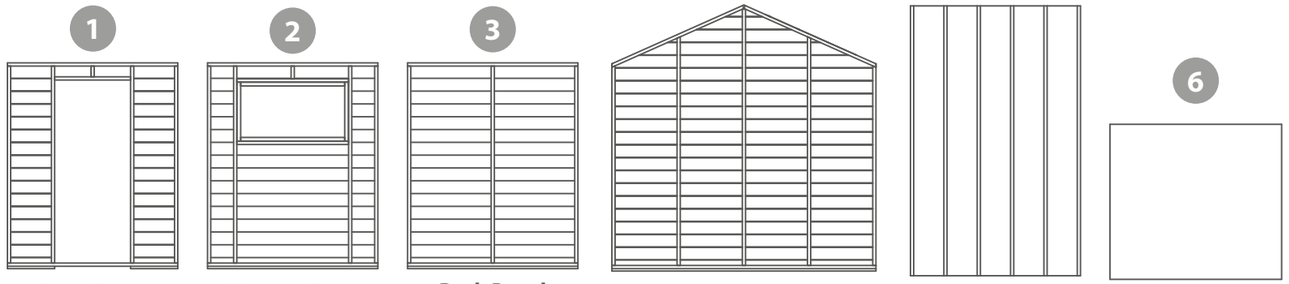
Base Dimensions:
Length = 2350mm
Width = 3506mm

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

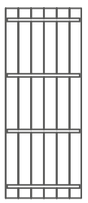
MADE IN GREAT BRITAIN



Building content



1 Door Panel
2 Window Panel
3 Back Panel
4 Plain Gable Qty 2
5 Floor Qty 4
6 Roof Sheet Qty 4



7 Door

8 Ridge Bar - 1735mm Qty 2

9 Cover Trim - 1800mm Qty 6

10 Eaves Frame - 1775mm Qty 6

11 Door Strip - 1590mm Qty 2

12 Fascia - 1333mm Qty 4

13 Door Block- 140mm Qty 1

14 Finial Qty 2

15 Truss Support- 302mm Qty 3

16 Truss- 1262mm Qty 6

17 Truss Block- 140mm Qty 3



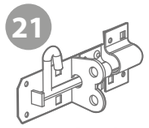
18 T Hinge Qty 2



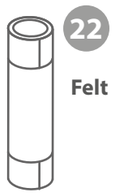
19 Turn Button Qty 2



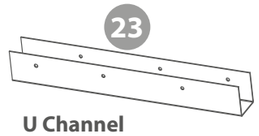
20 L-Bracket Qty 2



21 Pad Bolt Qty 1



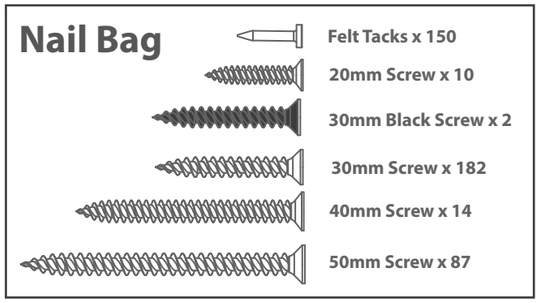
22 Felt



23 U Channel

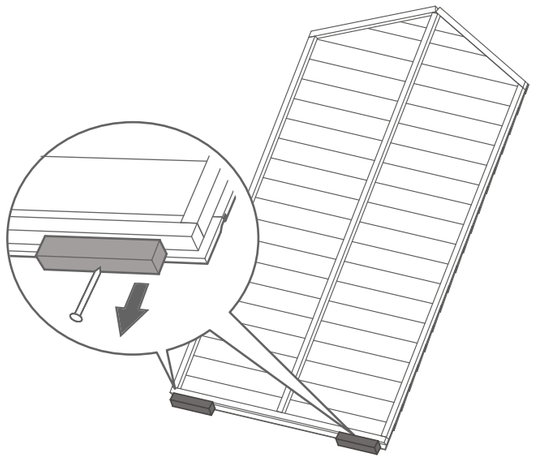
24 Floor Block- 400mm Qty 8

Nail Bag



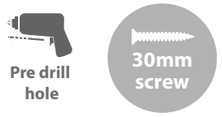
Pre Assembly

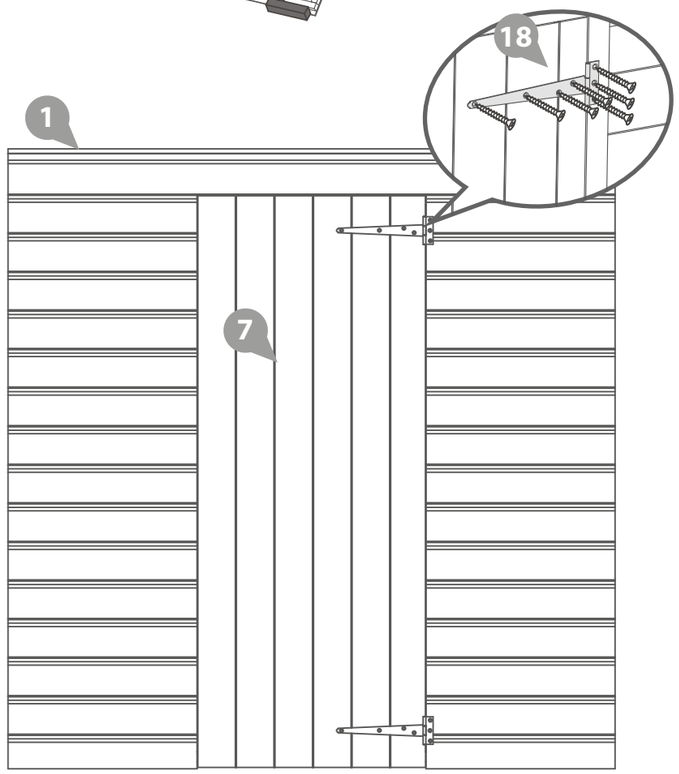
Remove transportation blocks from the bottom of each panel before beginning assembly. Each Panel should have two



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

14x30mm screws





Step 1

Place the floor on a firm and level base, ensure the base has suitable drainage free from areas where standing water can collect. See the front page for base requirments.

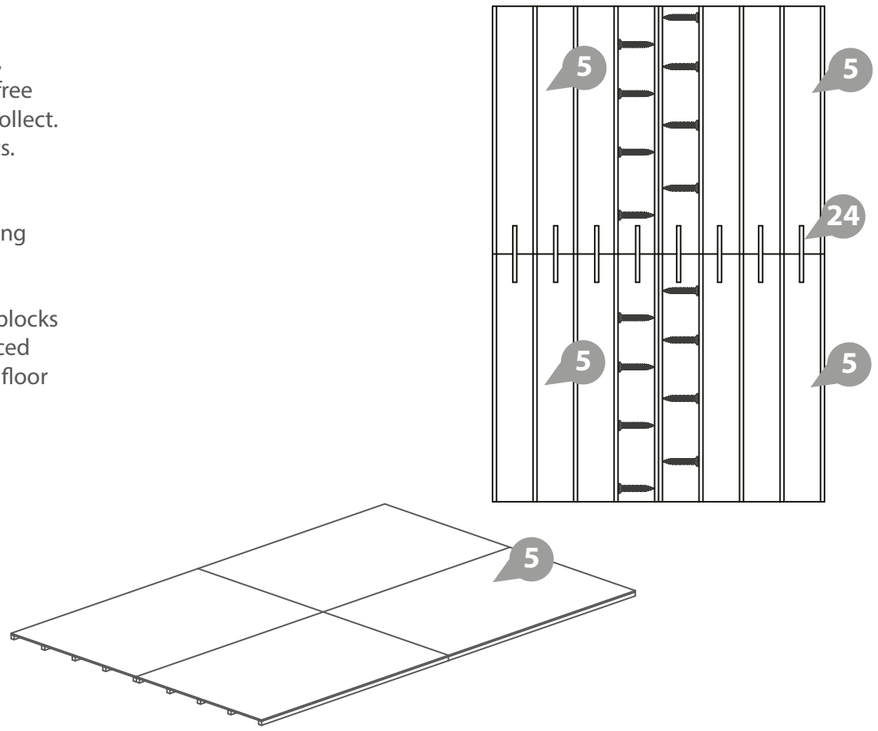
Fix 2x two floor panels together using 10x50mm screws through the alternating sides as shown in the diagram.

Fix both halfs together using the floor blocks provided ensuring they are evenly spaced and that 2x30mm screws are used per floor block.

16x50mm screws

16x30mm screws





Step 2

Place one of the back panels and plain gables on the floor and fix the corners with 3x50mm screws as shown in diagram.

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

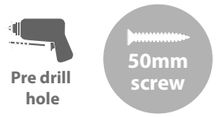
3x50mm Screws

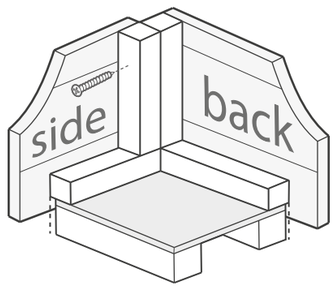


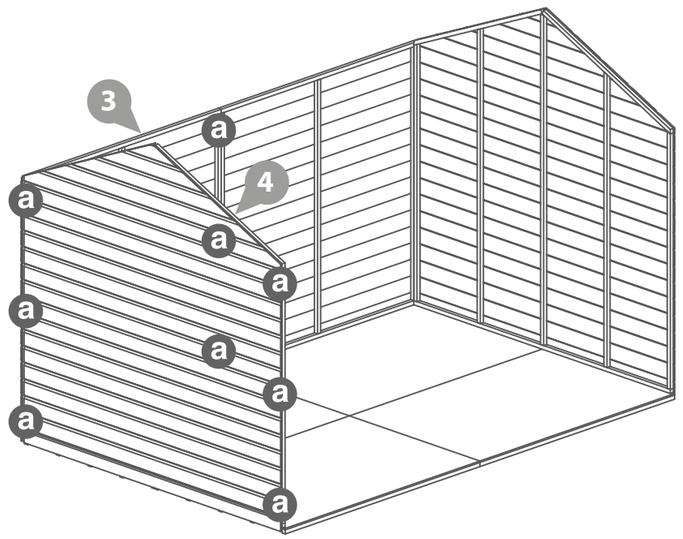
Step 3

Place the remaining back panel and remaining plain gable on the floor and fix the corners with 50mm screws as shown in diagram.

9x50mm Screws





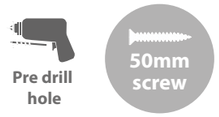


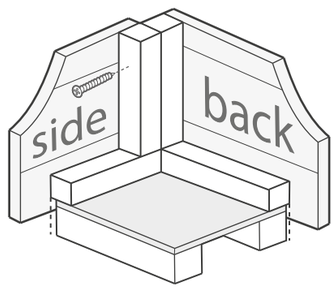
Step 4

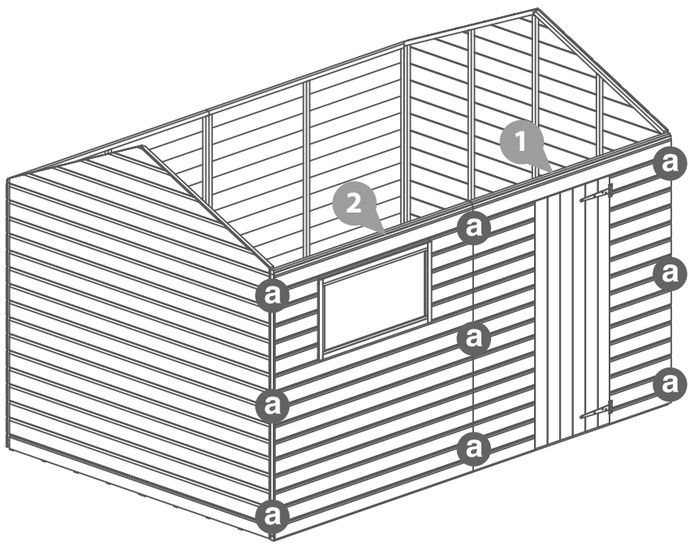
Place the window panel and door panel on the floor and fix the panels and corners with 50mm screws as shown in diagram.

Please note that these two panels can be fitted either way round.

9x50mm Screws







Step 5

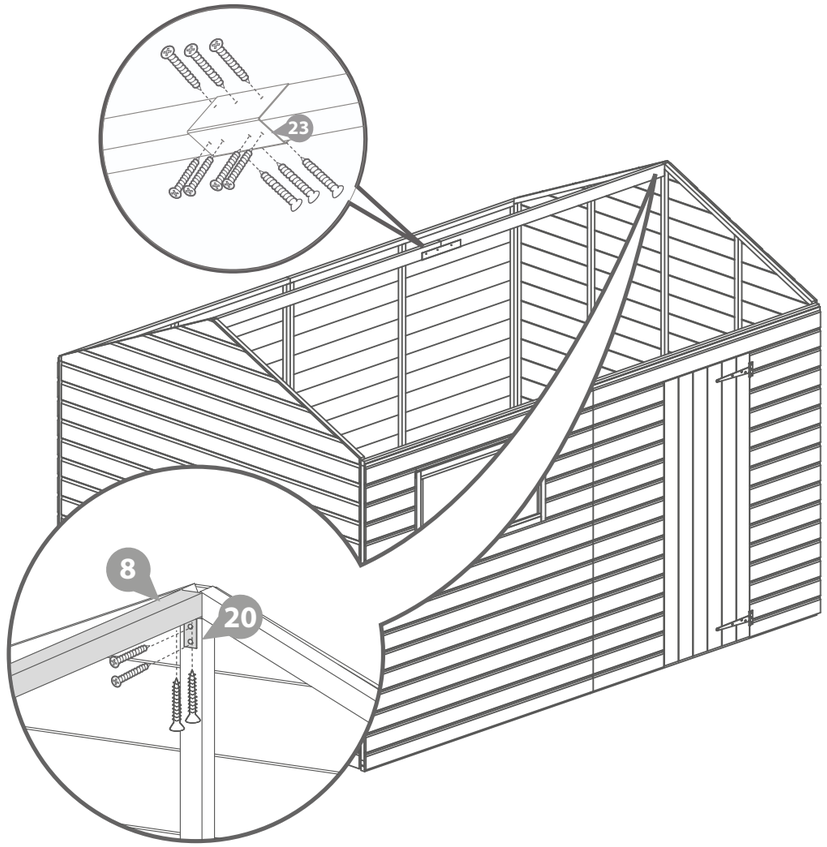
Position the two parts of the ridge bar within the U channel and secure from either side with 3 x 30mm screws and 4 x 30mm screws from underneath.

Place the constructed ridge bar in between the two gables. Ensure the top corners of the ridge bar sit flush with the top points of the gable. Fix the ridge bar to the gable using one L bracket for each end. Fix with 4x20mm screws each.

10x30mm Screws

8x20mm Screws



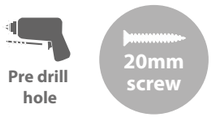


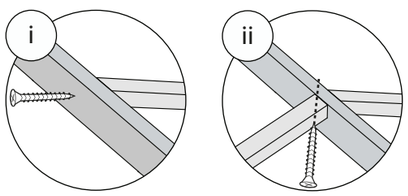
Step 6

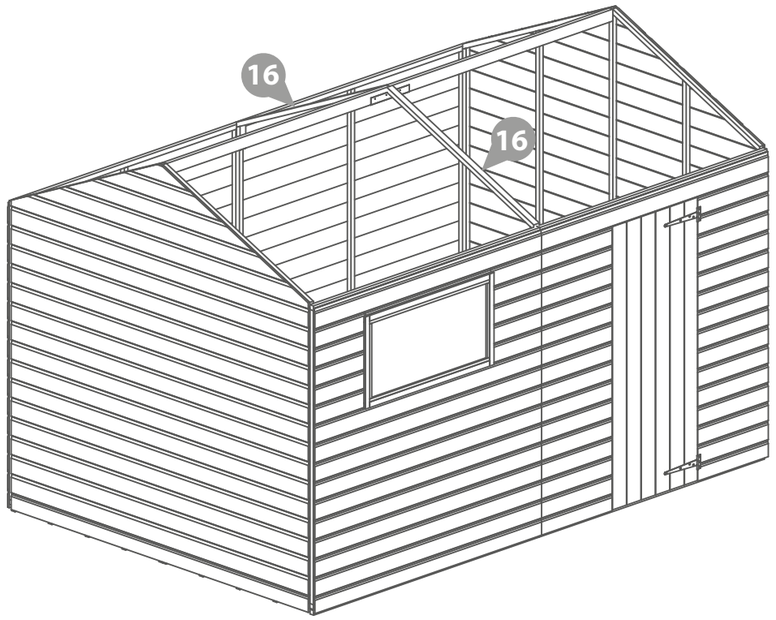
Position a truss frame to the ridge bar sloping down towards the building front, ensure it is central to the middle upright of the panel. Fix with 1x50mm screw through the ridge bar into the truss frame.

Align the second truss frame with the first on the opposite side of the ridge bar and fix with 1x50mm screw at an angle as illustrated.

2x50mm Screws





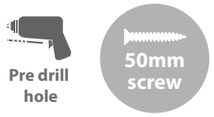


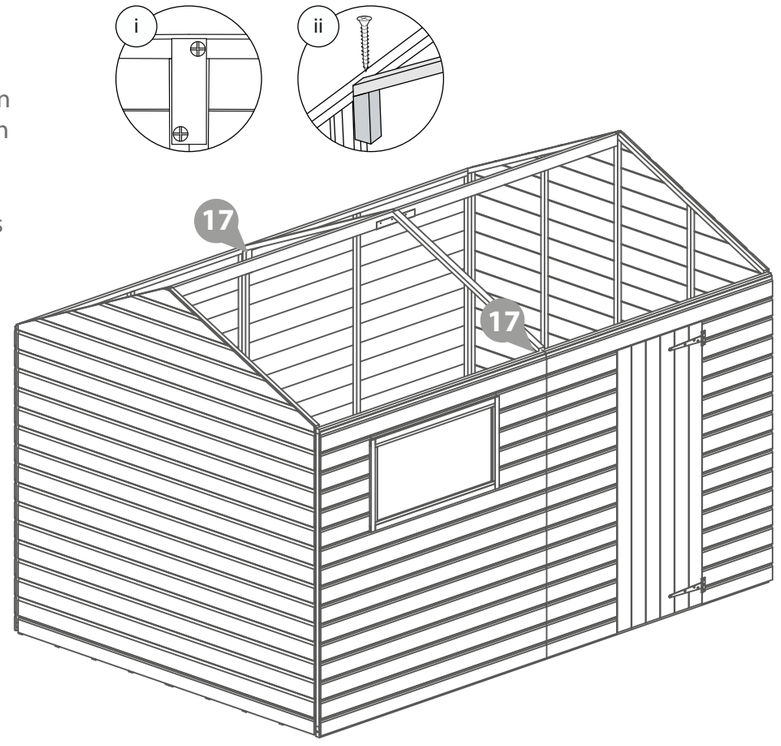
Step 7

Fix the support block to the side panel framing with 2 x 50mm screws. Position the block at the top of the framing with the angle pointing upwards into the building, aligning the block centrally along the join between the side panels with one screw in each panel.

Fix the support bar to the block using 1x50mm screw.

6x50mm Screws

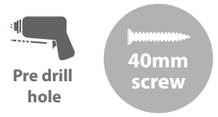


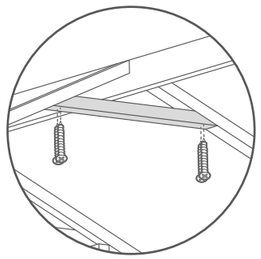


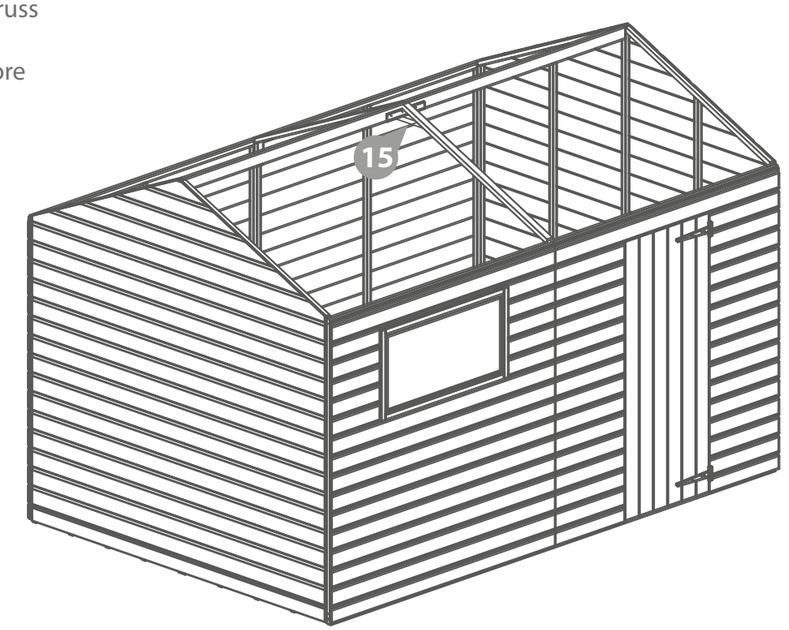
Step 8

Fix a Truss support between the two truss frames and fix in place using 40mm screws, ensure you pre-drill holes before fixing together.

4x40mm Screws







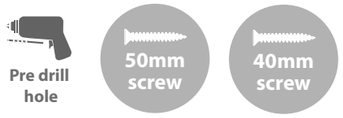
Step 9

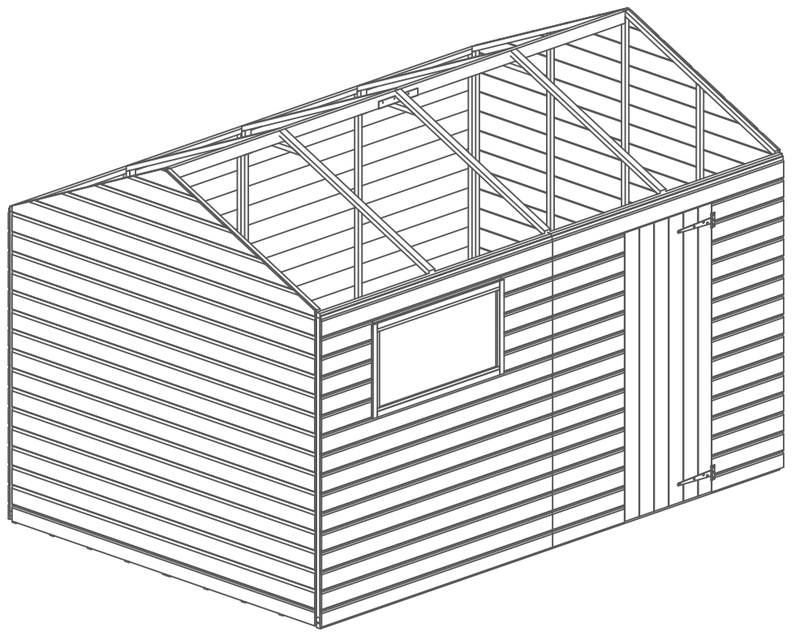
Repeat steps 5,6 and 7 for the two remaining truss, supports and blocks. Ensure they are evenly spaced between the centre truss and plain gables.

4x50mm Screws

12x50mm Screws

8x40mm Screws





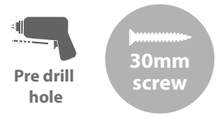
Step 10

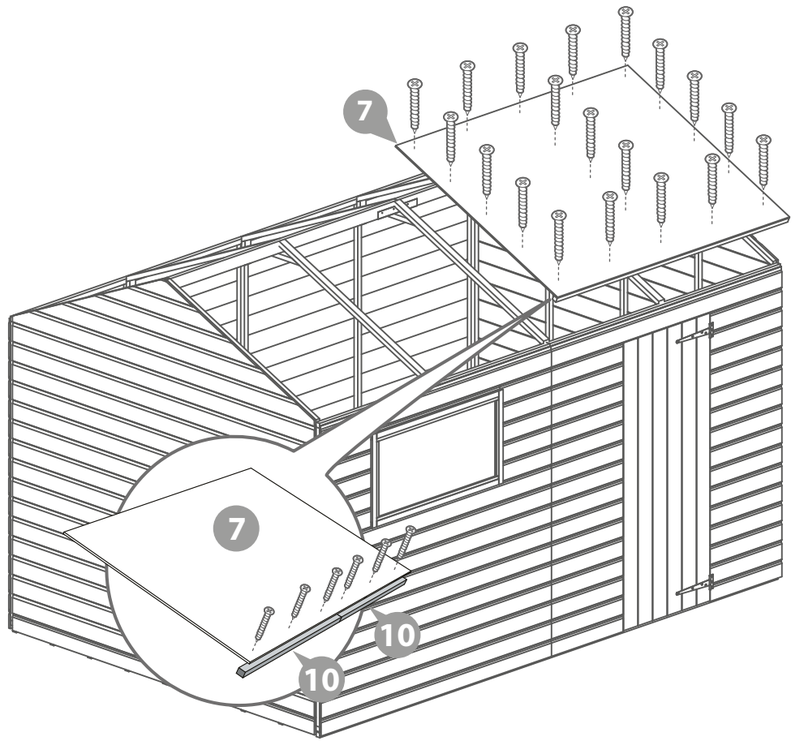
Fix an eave frame to the edge of each of the roof panels ensuring with 4x30mm screws.

Place a roof sheets ontop of the plain gable and truss making sure the roof sheet sits flush to the outside edge of the plain gable and fix using 30mm 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 frame.

16x30mm Screws

19x30mm Screws

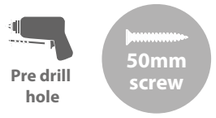


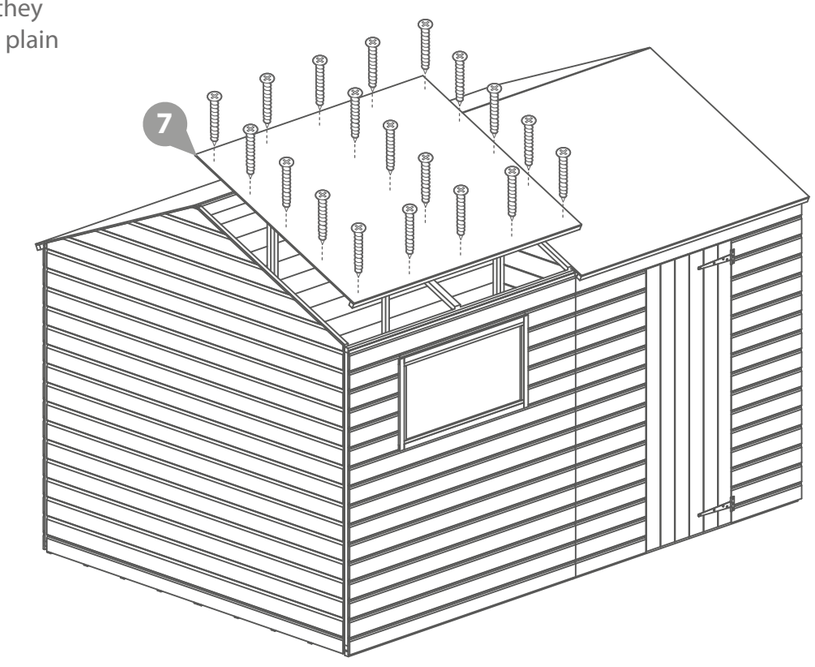


Step 11

Repeat step 10 for the four remaining roof panels. Ensure they sit flush to the centre truss and plain gables.

57x30mm Screws

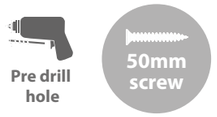


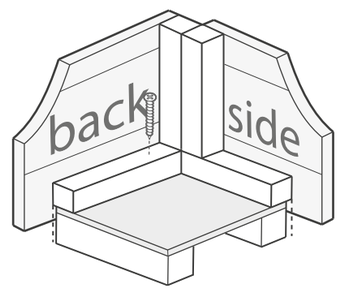


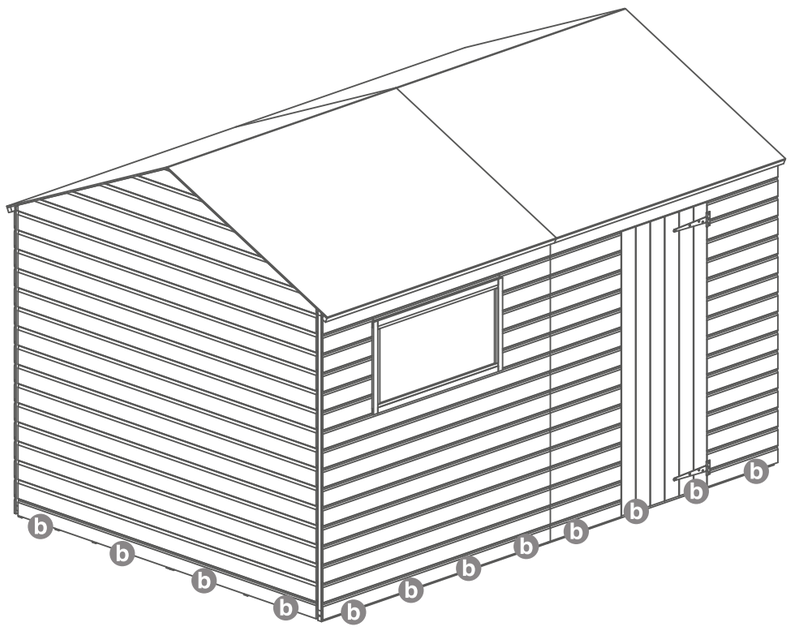
Step 12

Once the roofis attached the panels can be fixed to the floor panel using 4x50mm screws per panel.

24x50mm Screws







Step 13

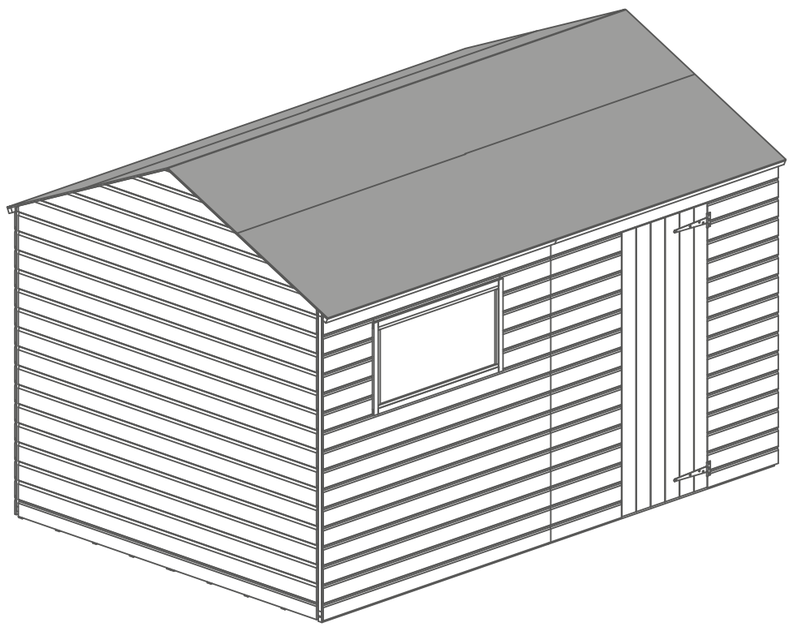
Cut out three strips of 3674mm felt and place onto the roof.

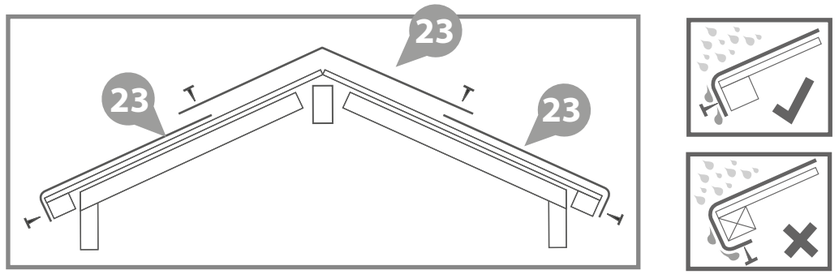
Place the felt flat onto the roof in the order that is stated on the diagram below.

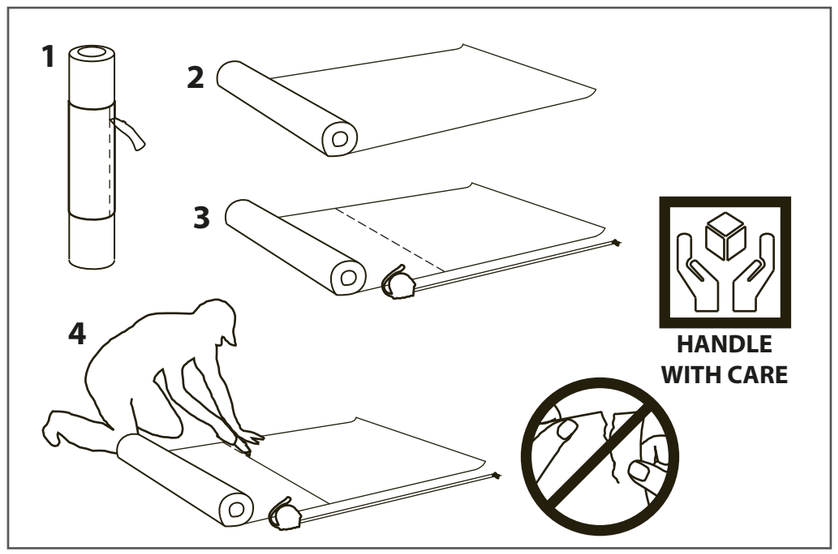
Once the sheets are laid out fix them onto the roof with tacks aprox 100mm apart.

150x felt tacks









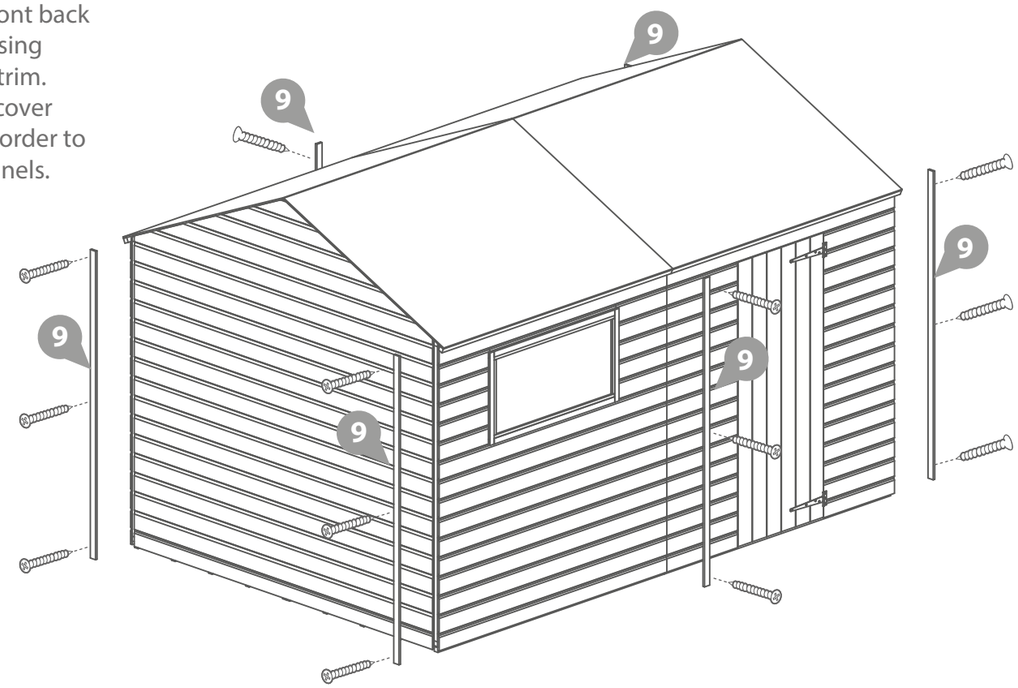
Step 14

Fit the cover trims to the front back and sides of the building using 3x30mm screws per cover trim. Ensure the front and back cover trims are fitted centrally in order to cover the joint between panels.

18x30mm Screws







Step 15

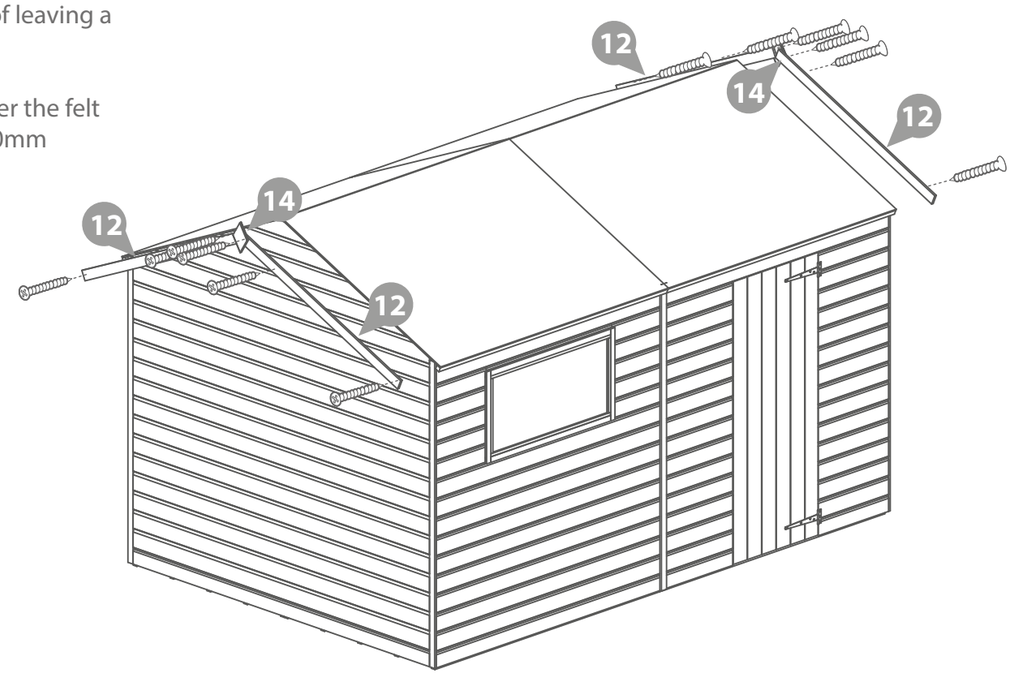
Attach the facias to the roof leaving a slight overhang at the top.

Fit the facias to the roof over the felt and secure in place with 40mm screws as shown.

12x30mm Screws







Step 16

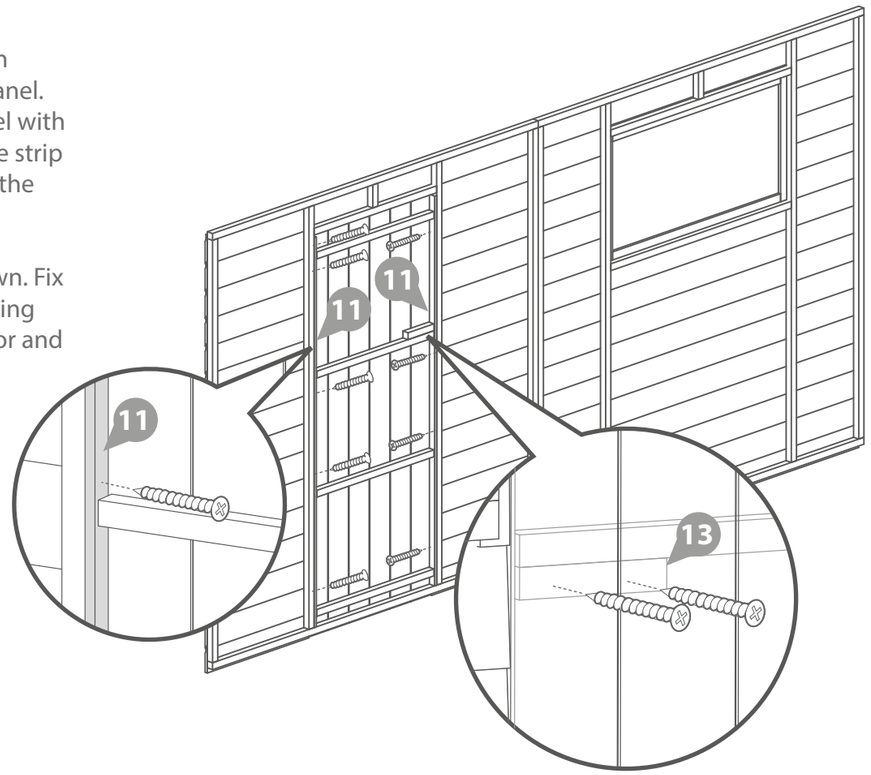
Use 4x30mm screws to fix each beading strip onto the door panel. Ensure that the screw is parallel with the door frame when fixing the strip to the door panel as shown in the diagram.

Line up the door block as shown. Fix with 2x30mm screws by screwing through the outside of the door and into the door block.

8x30mm Screws

2x30mm Screws







Step 17

Fix the pad bolt with 6x30mm screws to the horizontal brace of the door. Then fix the pad bolt retainer to the door panel framing using 4x30mm screws.

Fix each tunr button using 1x30mm black screw. These turn buttons help to keep your doors straight during high and low levels of moisture conten in the air.

10x30mm Screws

2x30mm Black Screws



