General Instructions

Please retain product label and instructions for future reference

01OVLPRA1006SDFW-V1

10X6 OVERLAP REVERSE APEX SHED



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.

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

****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

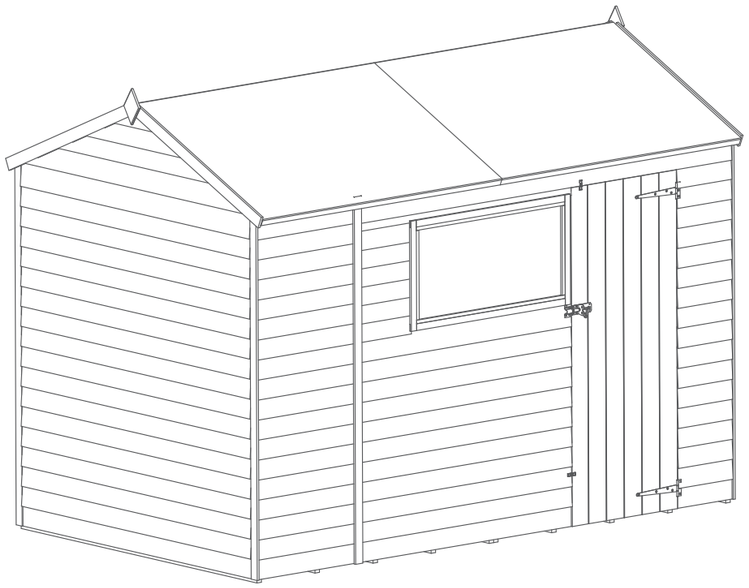
www.merciagardenproducts.co.uk

Overall Dimensions:
Length = 3028mm
Width = 1905mm
Height = 2217mm

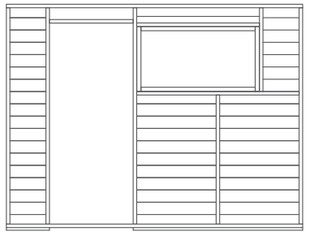
Base Dimensions:
Length = 1757mm
Width = 2974mm

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

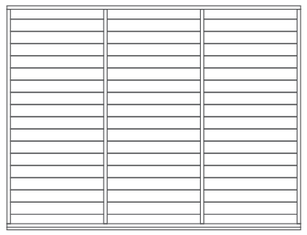
MADE IN GREAT BRITAIN



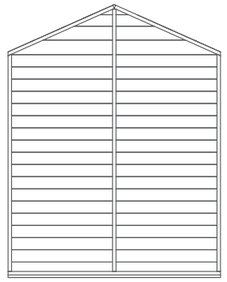
Building content



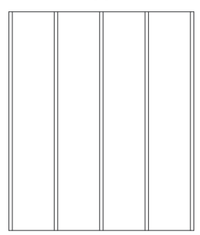
1 Door Panel



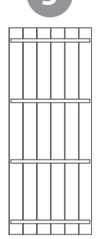
2 Plain Panel



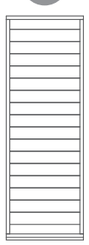
3 Plain Gable Qty 2



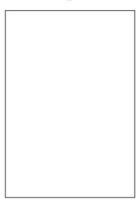
4 Floor Qty 2



5 Door



6 Small Plain Panel Qty 2



7 Roof Sheet Qty 2

8 Ridge Bar - 1462mm Qty 2

9 Truss Frame - 932mm Qty 2

10 Truss Support Bar - 450mm Qty 1

11 Truss Block - 140mm Qty 2

12 Eaves Frame - 1502mm Qty 4

13 Door Block- 140mm Qty 1

14 Panel Block- 120mm Qty 2

15 Fascia - 1016mm Qty 4

16 Cover Trim - 1800mm Qty 6

17 Door Strip - 1590mm Qty 2



18 Finial x2



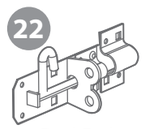
19 T Hinge Qty 2



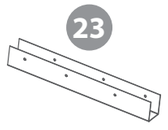
20 Turn Button Qty 2



21 L-Bracket Qty 2



22 Pad Bolt Qty 1

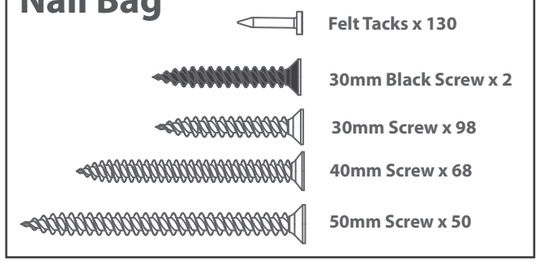


23 U Channel



24 Felt

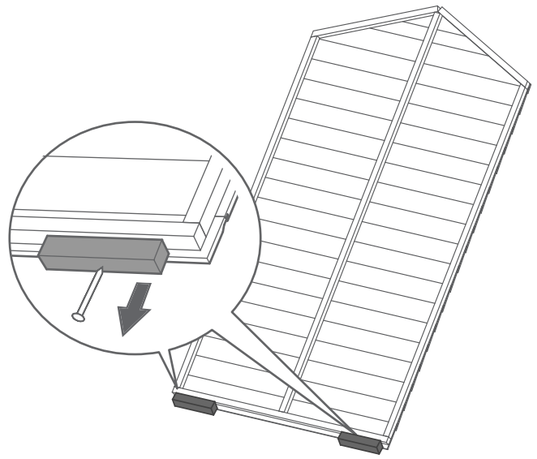
Nail Bag



Felt Tacks x 130
30mm Black Screw x 2
30mm Screw x 98
40mm Screw x 68
50mm Screw x 50

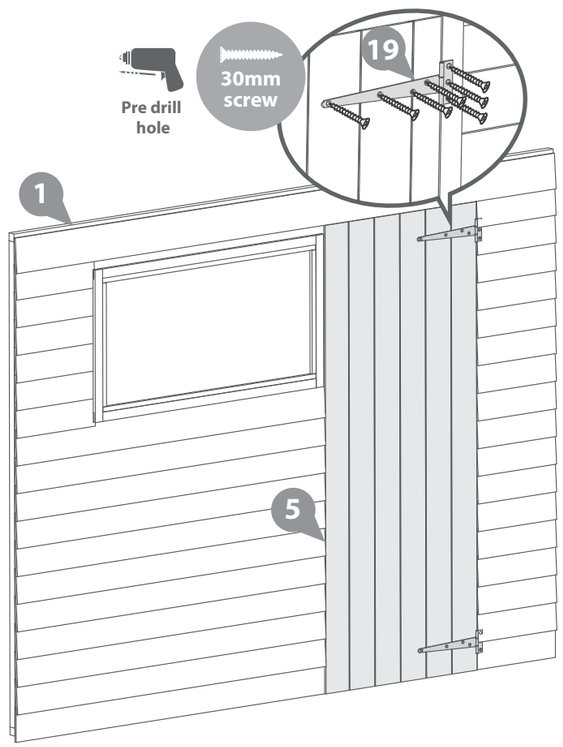
Pre Assembly

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.

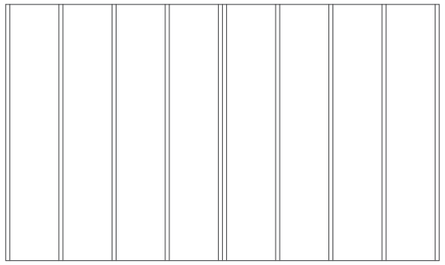
14x30mm screws

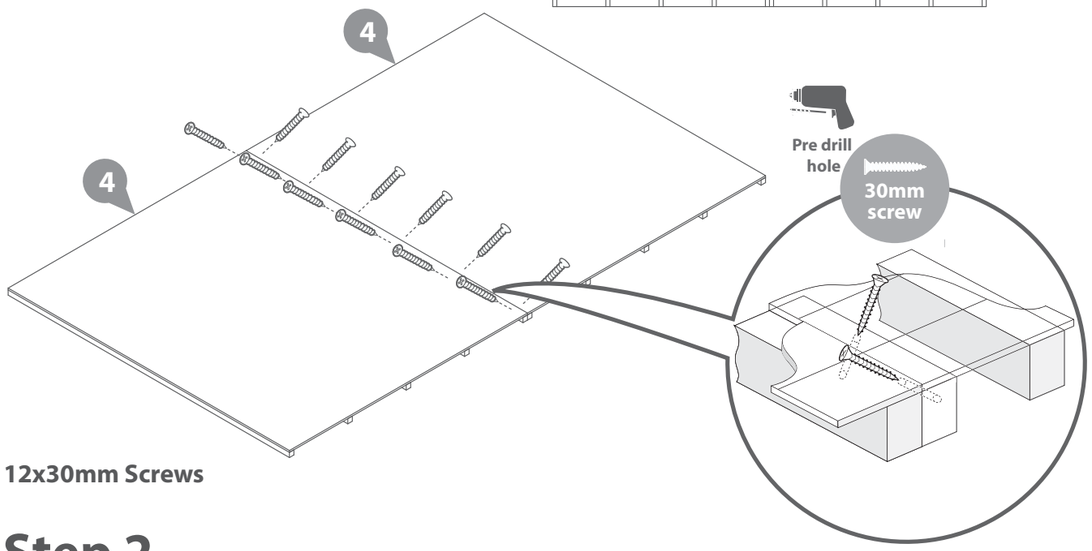


Step 1

Place 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 12 x 30mm screws





12x30mm Screws

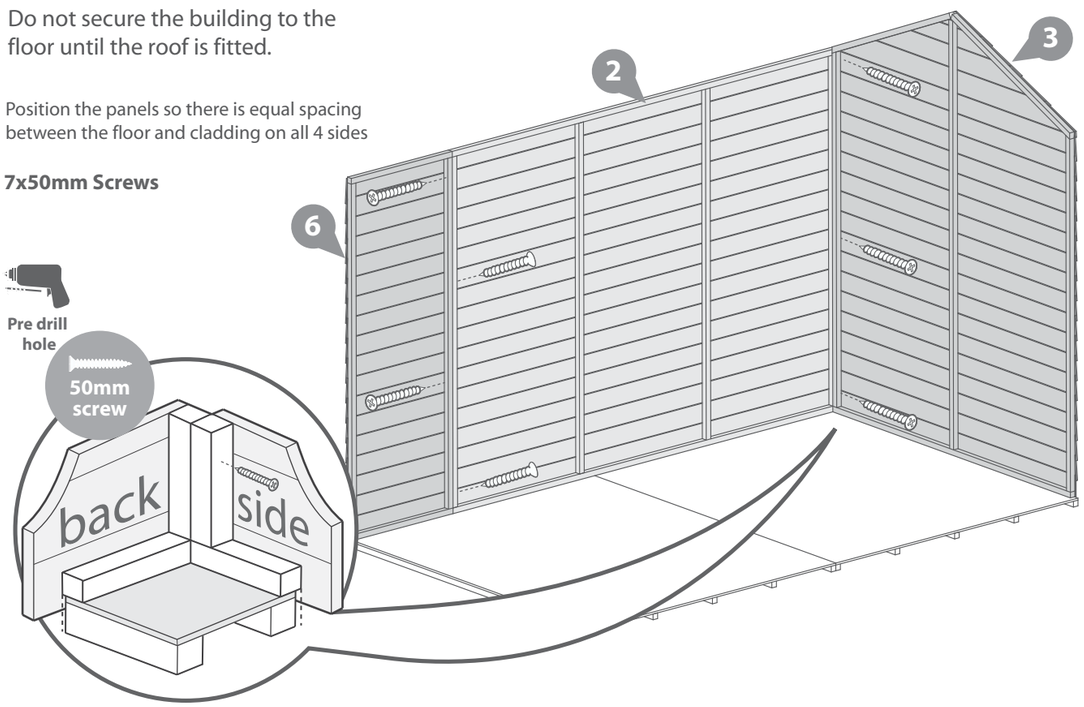
Step 2

Fix the corners with 50mm 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

7x50mm Screws



Step 3

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

13x50mm Screws

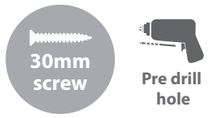
Step 4

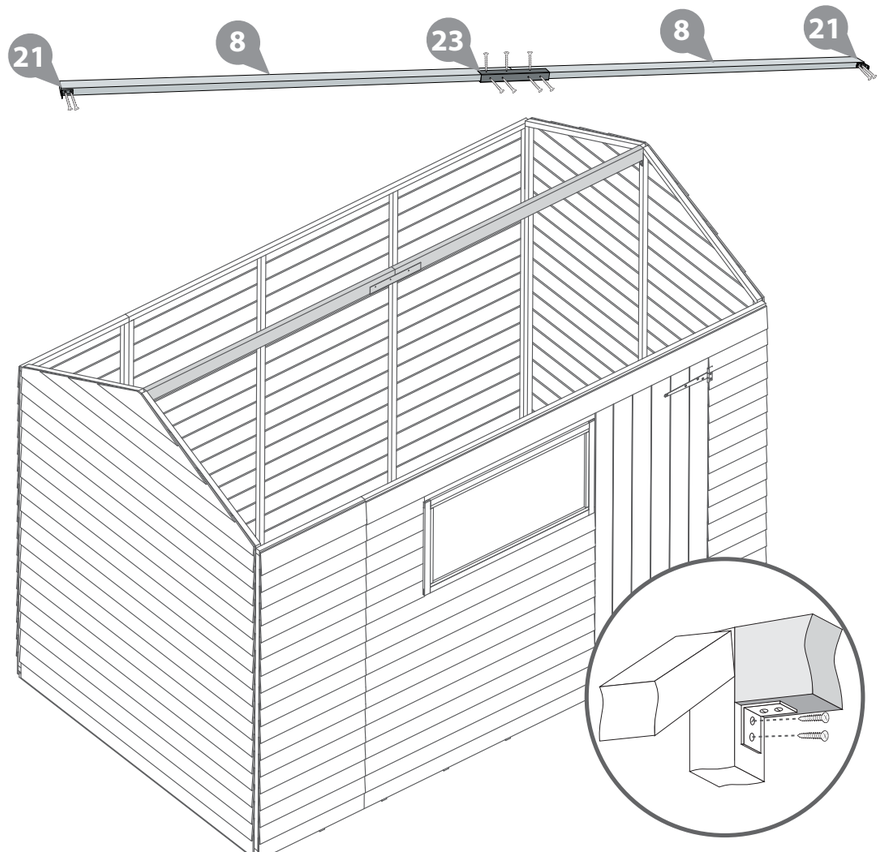
Ridge Bar Assembly

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. Secure an 'L' bracket to either end of the ridge bar using 2 x 30mm screws per bracket.

Place the roof support bar 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.

18x30mm Screws



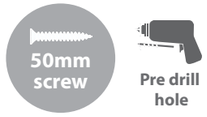


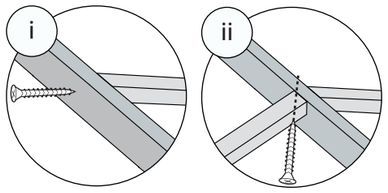
Step 5

i)Position a truss frame to the ridge bar sloping down towards the building side, ensure it is central to the ridge bar. Fix with a 50mm screw through the ridge bar into the truss frame.

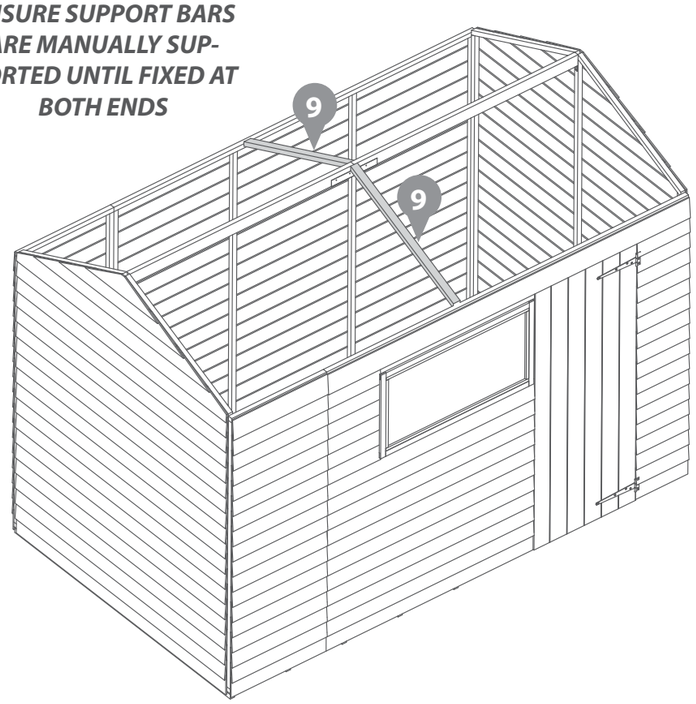
ii) Align the second truss frame with the first on the opposite side of the ridge bar and fix with a 50mm screw at an angle as illustrated.

4x50mm Screws





ENSURE SUPPORT BARS ARE MANUALLY SUPPORTED UNTIL FIXED AT BOTH ENDS

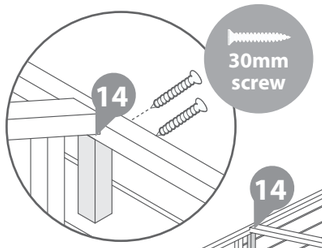


Ensure the truss frames are placed centrally with an equal distance either side of the joint in the ridge bar.

Step 6

Fix a panel block on both sides of the building positioned central to the truss frame and flush with the underneath of the panels framing. Screw through the ouside of the building through the cladding into the panel block using 2x 30mm screw per block.

4x30mm Screws





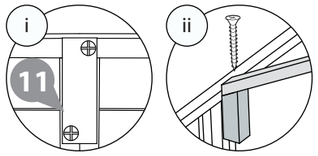
Step 7

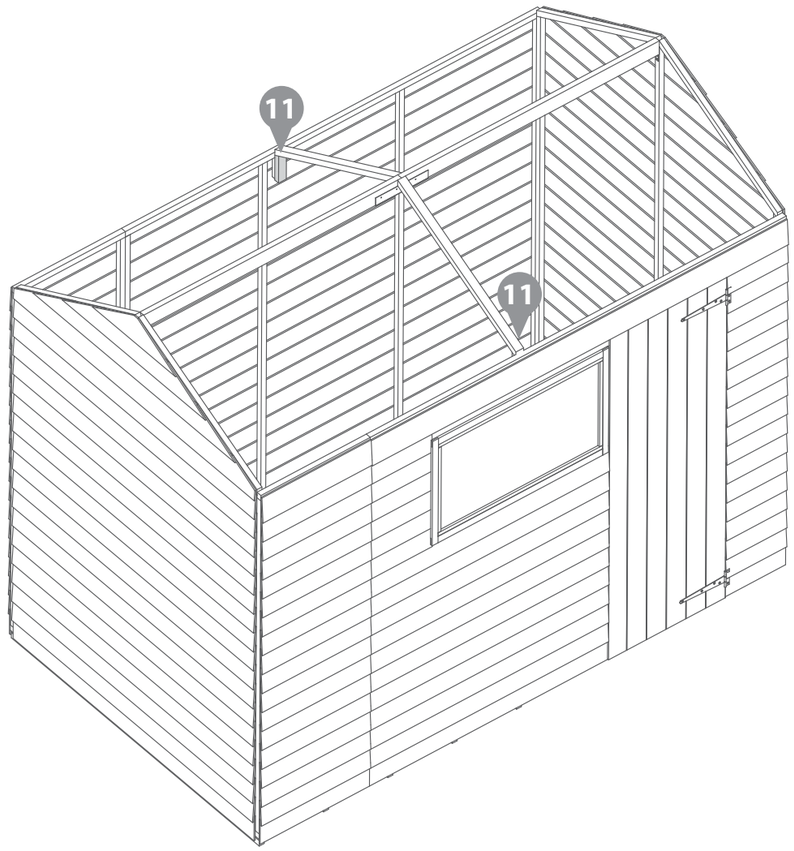
i) Fix the truss block to the side panel block with 2 x 50mm screws. Position the block at the top of the framing with the angle pointing upwards into the building, aligning the block centrally along the join between the side panels with one screw in each panel.
ii) Fix the truss frame to the block using 1 x 50mm screw.

6x50mm Screws









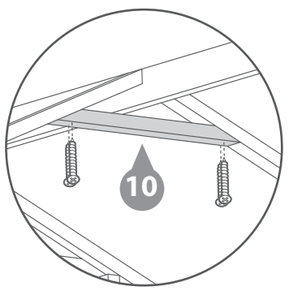
Step 8

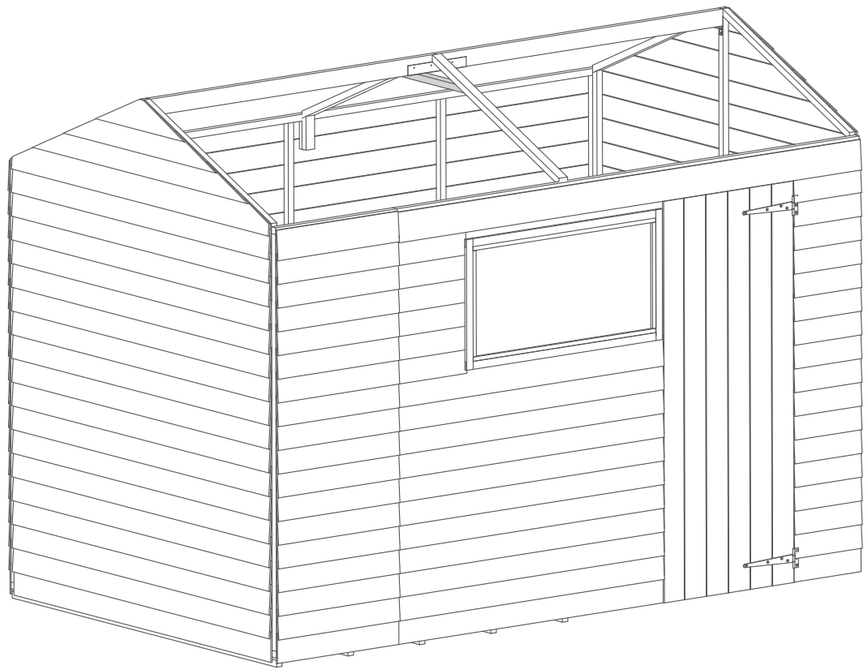
Fix a Truss support between the two truss frames and fix in place using 40mm screws, ensure you pre-drill holes before fixing together.

4x40mm Screws







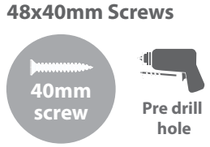


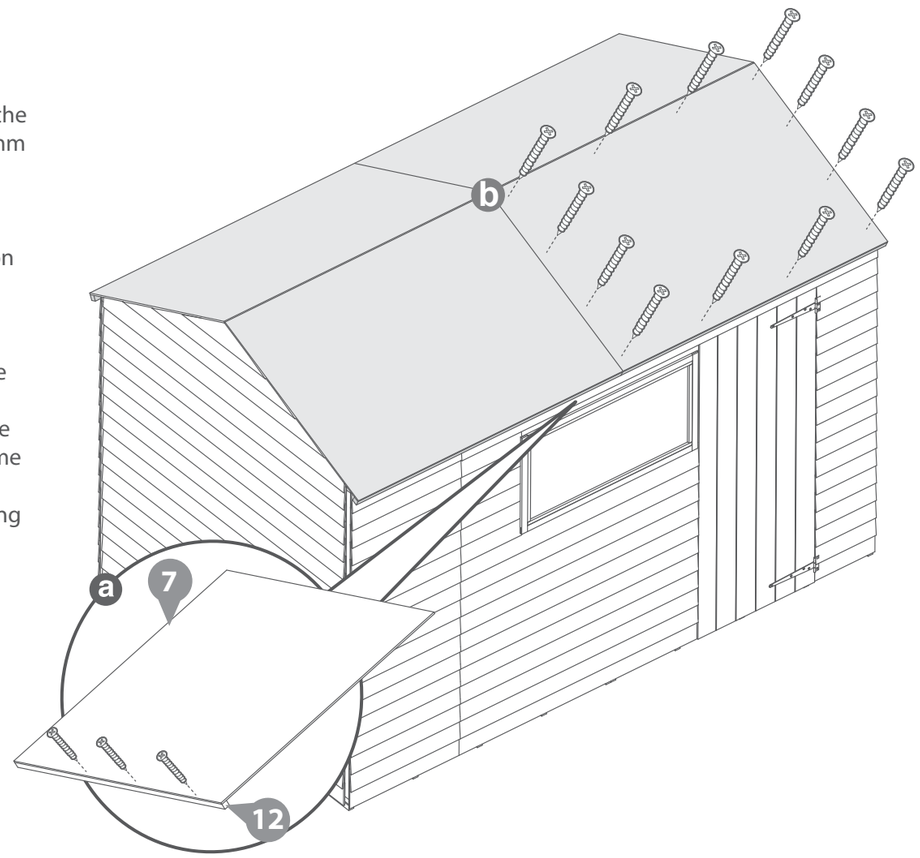
Step 9

a Fix the eaves frame to the roof sheet using 3x30mm screws for each sheet.
12x30mm Screws

b Place two roof sheets on top of the plain gable and truss.
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 then fix using 40mm screws. Fix the remaining two roof sheets in the same way.

48x40mm Screws

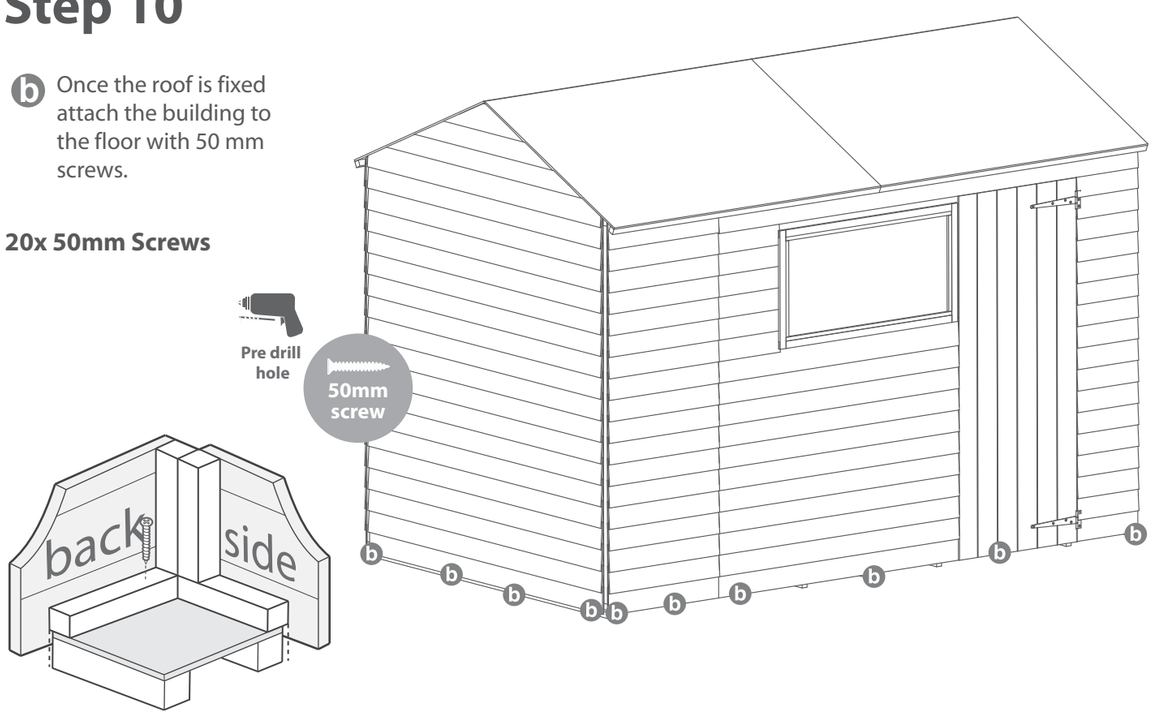




Step 10

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

20x 50mm Screws

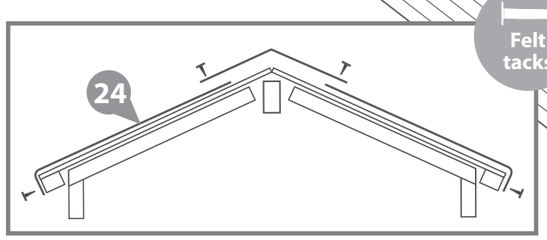


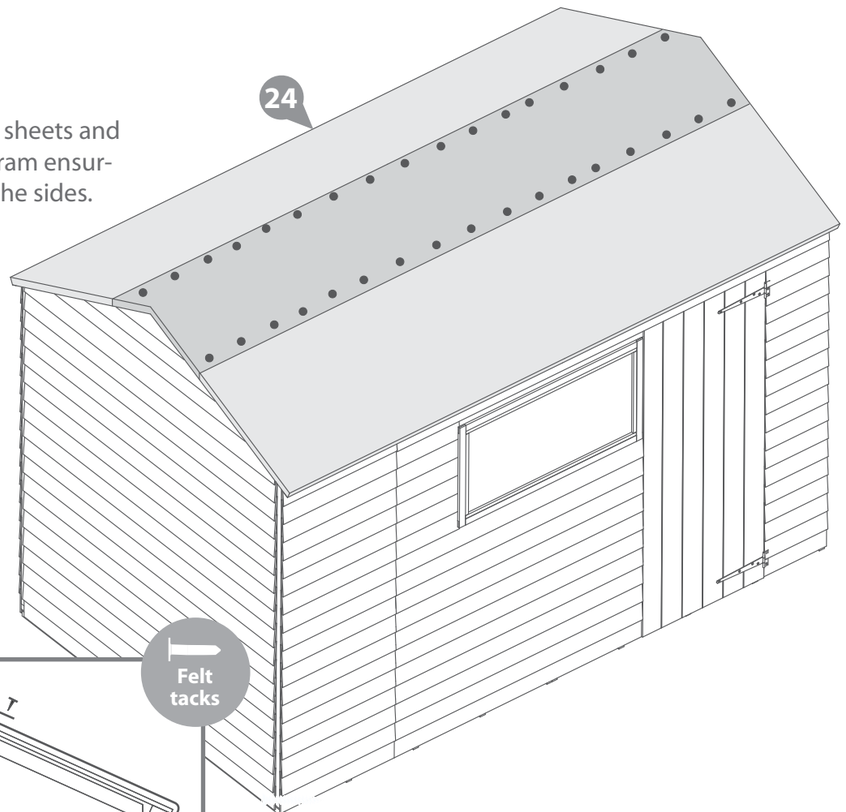
Step 11

Cut the felt into 3104mm long sheets and lay onto roof as shown in diagram ensuring there is overhang around the sides.

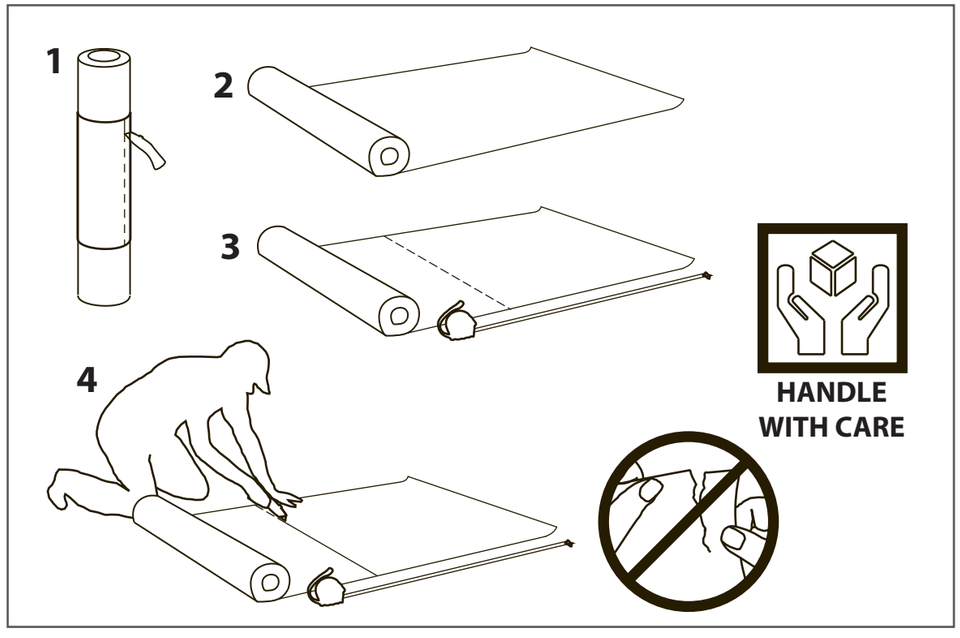








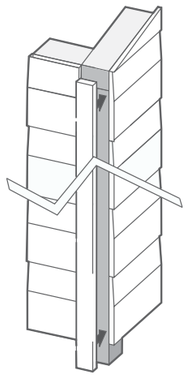
130x Tacks

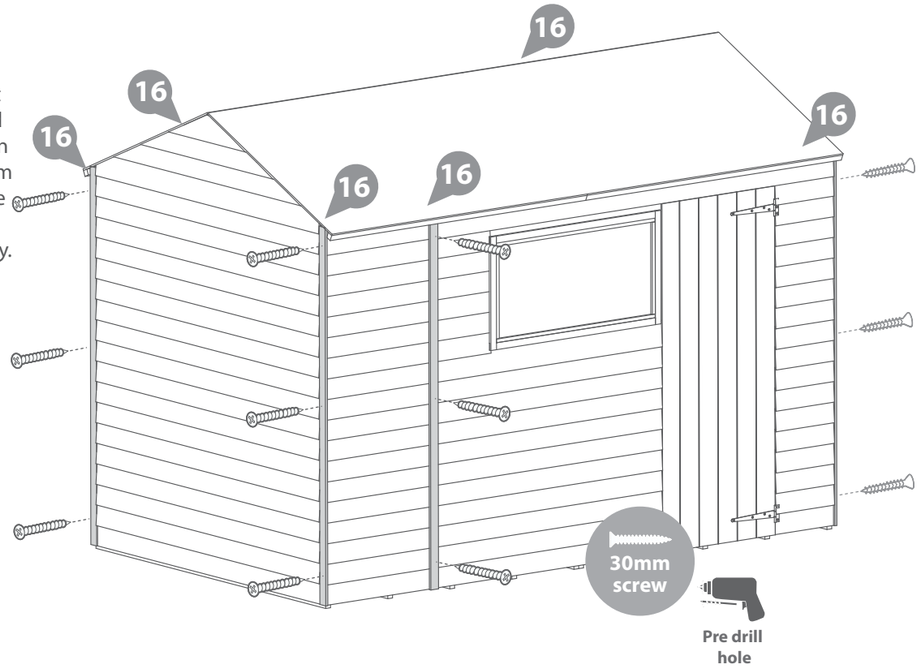


Step 12

Fit the Cover Trims to the left and right of the building and over the panel joins as shown in the illustration using 30mm screws. Trim the length of the cover trims to the required size before fitting if necessary. Pre drill to avoid splitting.

18x30mm Screws



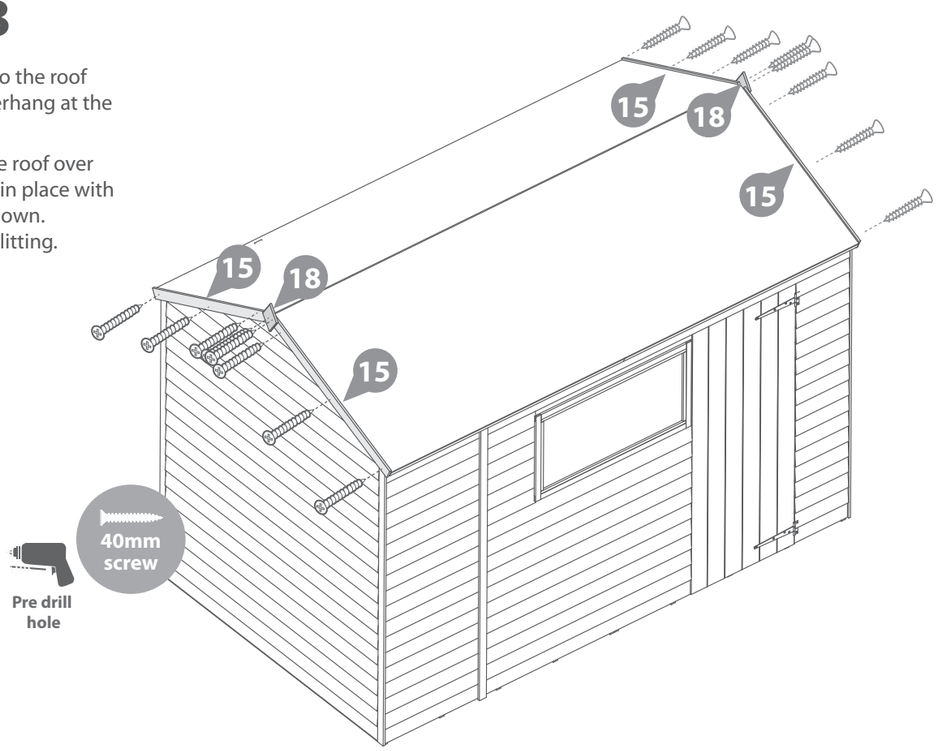


Step 13

Attach the faiscas 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

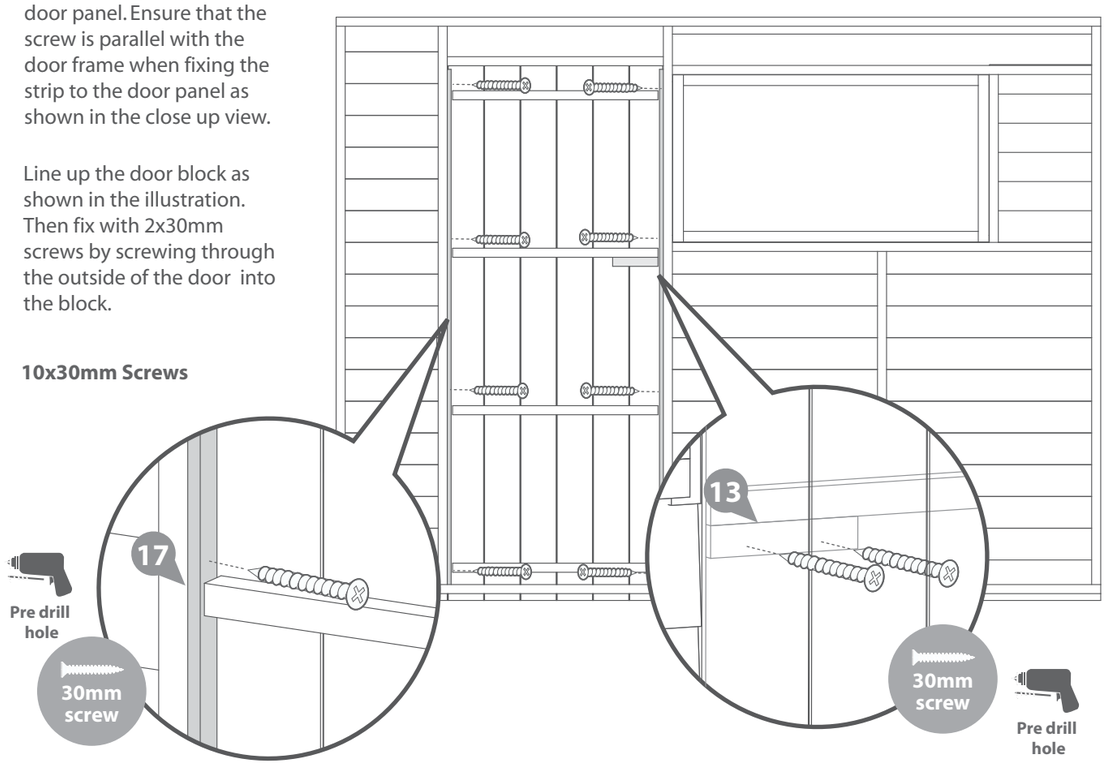


Step 14

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 close up view.

Line up the door block as shown in the illustration. Then fix with 2x30mm screws by screwing through the outside of the door into the block.

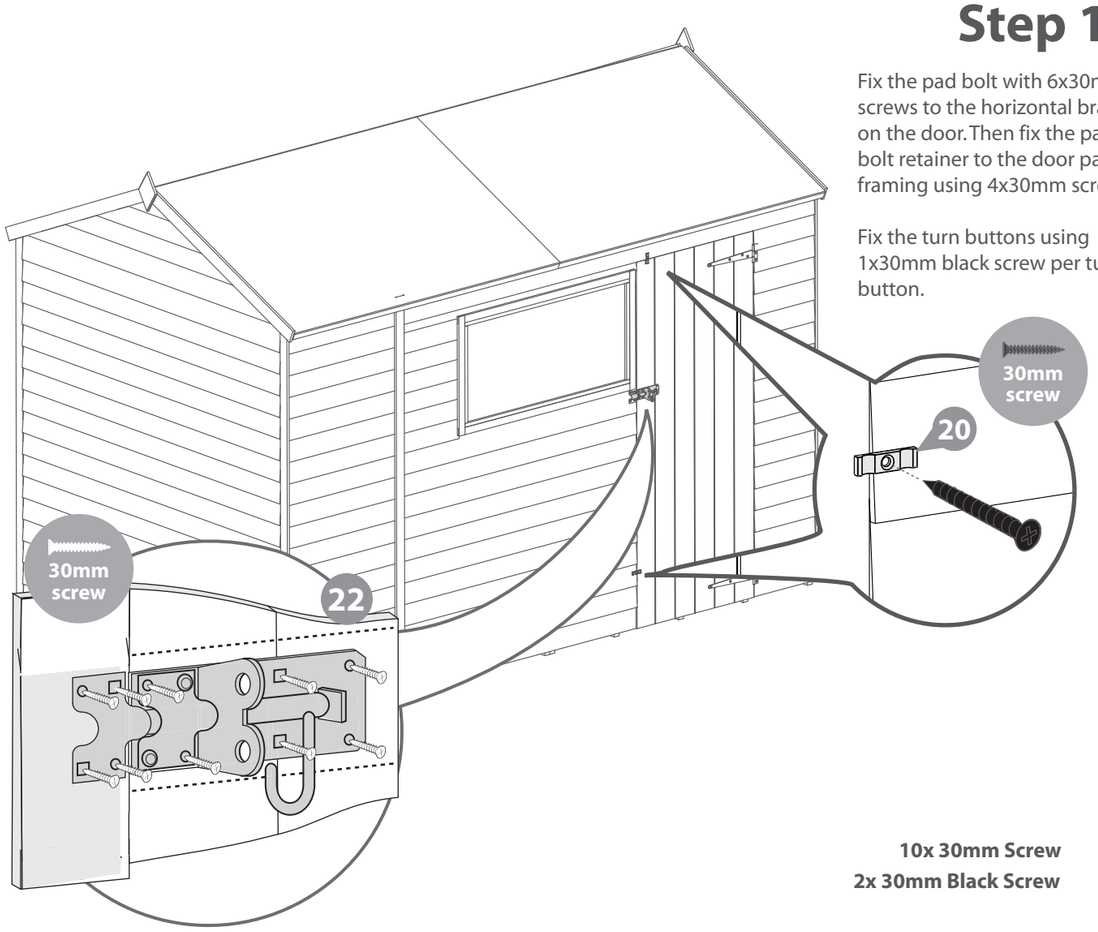
10x30mm Screws



Step 15

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

Fix the turn buttons using 1x30mm black screw per turn button.



10x 30mm Screw
2x 30mm Black Screw

