General Instructions

Please retain product label and instructions for future reference

[redacted]

10x8 & 12x8 Pressure treated pent 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.

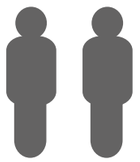
Ensure the base is level and is built on firm ground, to prevent distortion. Refer to diagrams for the base dimensions, The base should be slightly smaller than the external measurement of the building, i.e. The cladding should overlap the base, creating a run off for water. It is also recommended that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

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

01DDPENT1008-V2, 01DDPENT1208-V2

Please retain product label and instructions for future reference

10x8 Overall Dimensions:
Length = 3116mm
Width = 2415mm
Height = 2115mm

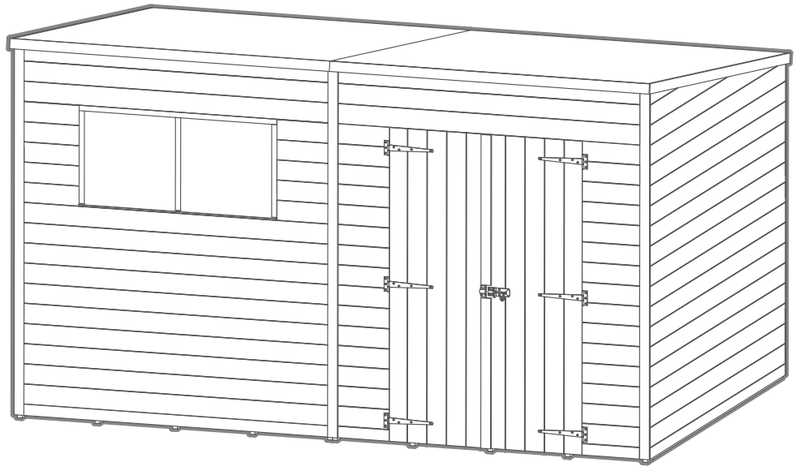
Base Dimensions:
Length = 3064mm
Width = 2305mm

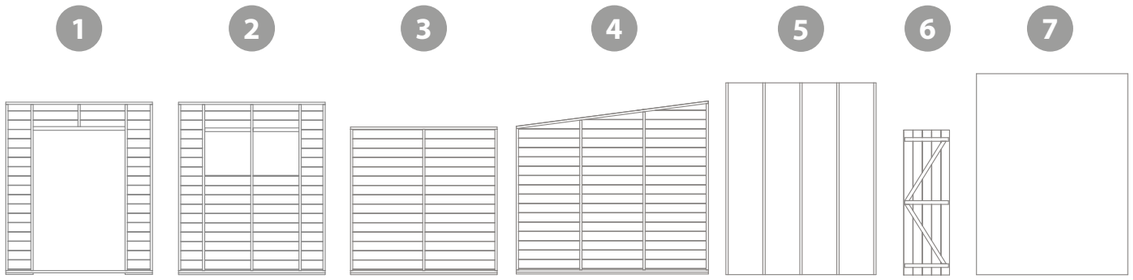
12x8 Overall Dimensions:
Length = 3662mm
Width = 2415mm
Height = 2115mm

Base Dimensions:
Length = 3610mm
Width = 2305mm

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

MADE IN GREAT BRITAIN





Door Panel | **Window Panel** | **Plain Panel QTY 2** | **Gable Left & Right** | **Floor QTY 2** | **Door QTY 2** | **Roof QTY 2**

8 **Strip - 12x56x2144mm QTY 7**

9 **Strip - 12x301684mm QTY 6**

10 **Roof Block - 27x44x160mm QTY 7**

11 **Roof Support - 27x44x2238mm QTY 3**
OSB option only

12 **Eaves Frame - 10x8: 1546mm QTY 4 (28x28)**
12x8: 1819mm QTY 4

13 **T-Hinge QTY 6**

14 **Turn Button**

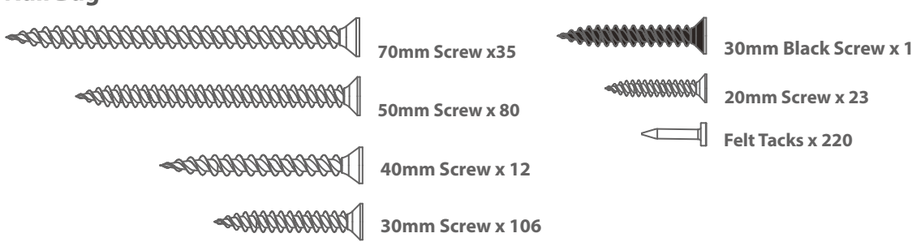
15 **Pad Bolt**

16 **Plastic Window Cill**

17 **Styrene - 550x550mm QTY 2**

18 **Facia - 12x95x2500mm QTY 4**

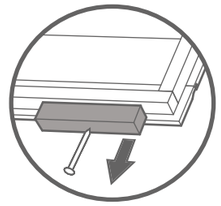
Nail Bag



70mm Screw x35
50mm Screw x 80
40mm Screw x 12
30mm Screw x 106
30mm Black Screw x 1
20mm Screw x 23
Felt Tacks x 220

Pre Assembly

Before assembling remove the transportation blocks from the bottom of each panel.

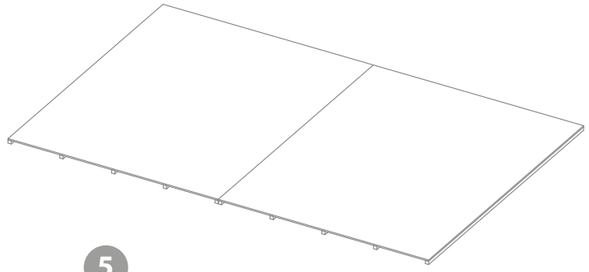


Step 1

Place the floor (***No. 5***) onto a firm and level base upside down, ensuring the base has suitable drainage & is free from areas where standing water can collect.

Secure the floors together using 6x50mm screws, fixing in an alternating pattern as shown in the illustration.

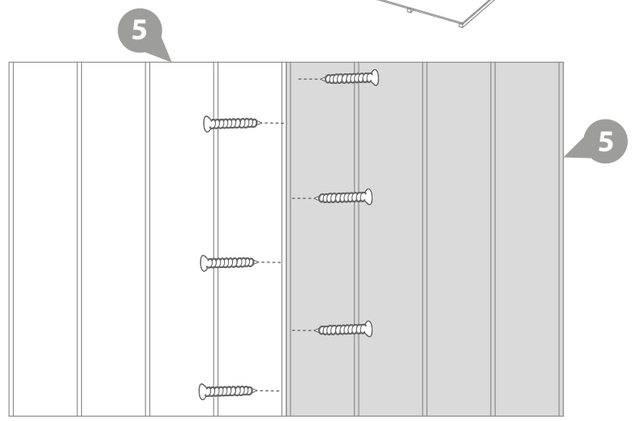
Once fitted, turn the floor assembly the right way up.



6x50mm Screws

Pre drill hole

50mm screw



Step 2: *Door side assembly*

a Locate the doors (***No. 6***) into the door panel and fix in place using 3x T-Hinges (***No. 13***), securing with 7x30mm screws.

b Attach the pad bolt (***No. 15***) to the centre door support and the catch to the opposite door with 10x30mm screws.

c Measure between the top and bottom of the door to the pad bolt and cut 2x (***No.8***) strips to fit, secure in place with 2x20mm screws per strip.

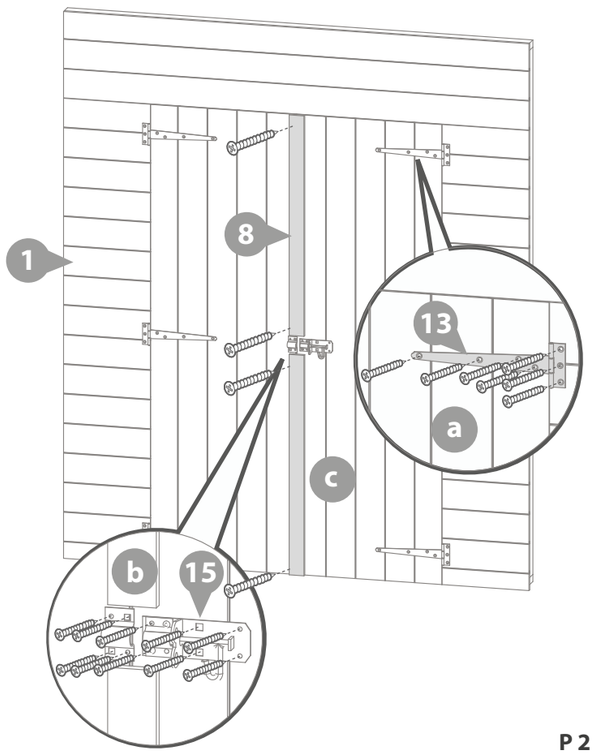
52x30mm Screws
4x20mm Screws

Cut down to fit

Pre drill hole

30mm screw

20mm screw



Step 3: ***Window side assembly***

a Cut 7x (***No.9)*** strips to 515mm and secure 4x (***No.9)*** strips to the inside of the window gap using 2x20mm screws per strip.

****Ensure the strips are flush with the framing.***

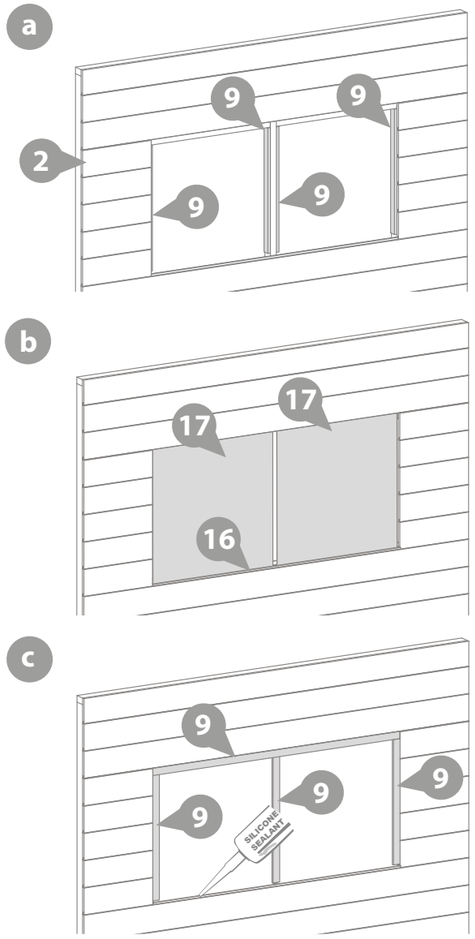
b Place the plastic cill (***No. 16***) on top of the board and rest the styrene (***No. 17***) in the window gap.

c Measure the window gap and cut 1x strip to fit, securing in place with 3x20mm screws. Attach the remaining 3 (***No.9)*** strips from part ***a*** using 2x20mm screws per strip.

17x20mm Screws



****For added weather protection fit your windows using silicone sealant around the outside edges.***



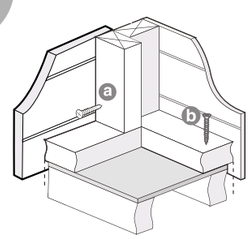
Step 4

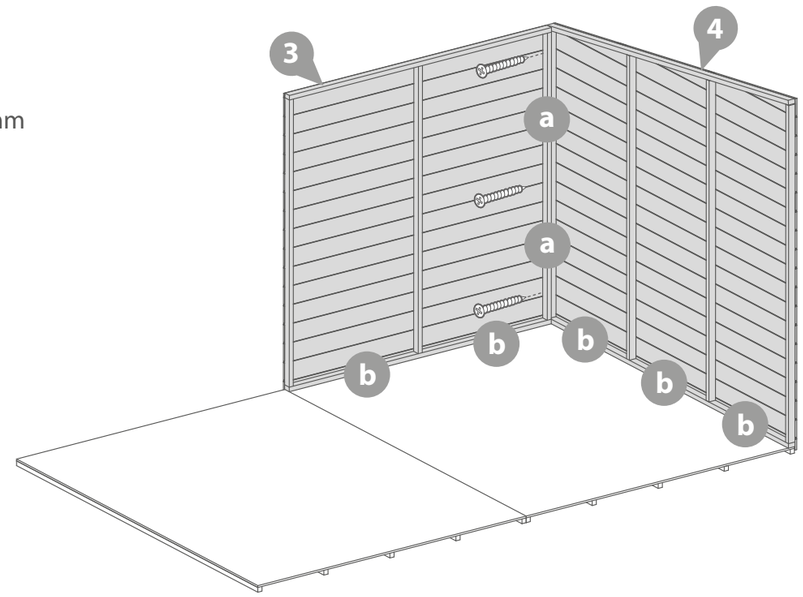
a Place the right gable (***No. 4***) and the first plain side (***No. 3***) onto the floor and fix together using 3x50mm screws

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

3x50mm Screws





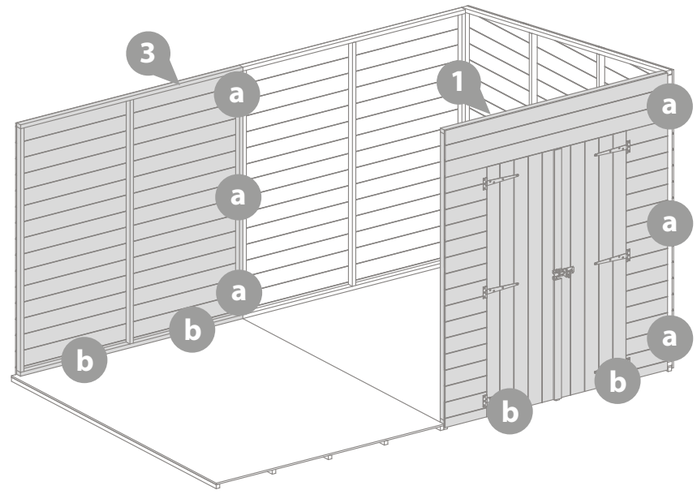


Step 5

Following the same method outlined in **step 4**, place the next 2 panels onto the floor and secure in place using 6x50mm screws.

6x50mm Screws

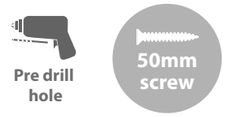


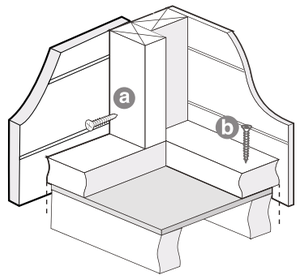


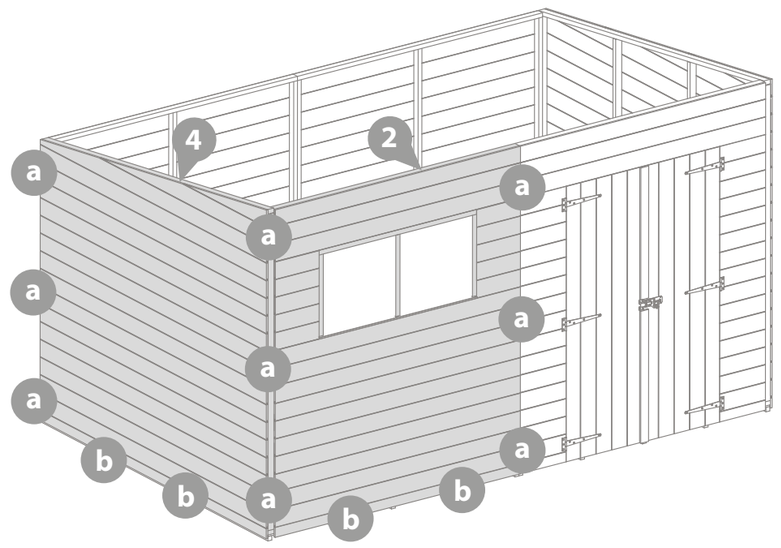
Step 6

Continue to follow the method outlined in step 4. Place the remaining gable and window panel onto the floor and fix using 9x50mm screws.

9x50mm Screws







****If you have purchased the T&G floor and roof option please continue to*** ***Step 8***

Step 7

Place a roof support bar (***No. 11***) inbetween the framing on the door side and plain side, aligning with the top of gable. Mark the position with a pencil.

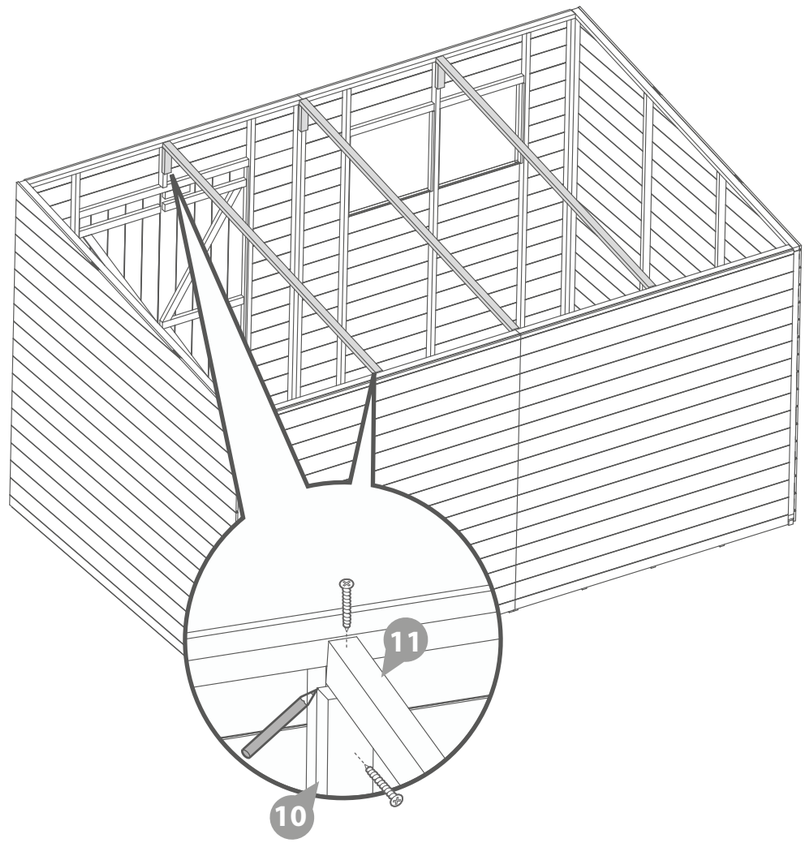
Fix the roof blocks (***No. 10***) to the door and plain panels in line with the pencil mark and secure using 2x50mm screws per block.

Place the roof support on top of the blocks and fix in place with 2x70mm screws per side.

Repeat this process with the remaining roof supports and blocks.

18x50mm Screws
6x70mm Screws





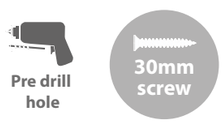
Step 8

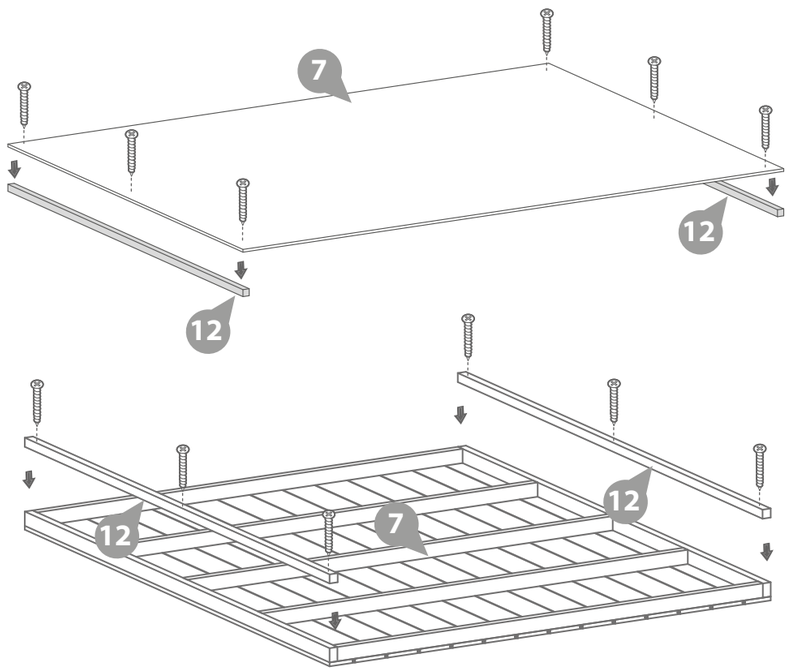
Attach the 2x eaves frames (***No. 12***) to each roof (***No. 7***) using 3x30mm screws per eaves frame.

Ensure the eaves are flush to the edges of the roof sheet.

For T&G roof options use the same method as stated above ensuring the eaves framing is flush with the edge of the roof framing and screwed directly through the eaves framing into the roof framing and not into the T&G boards.

12x40mm Screws



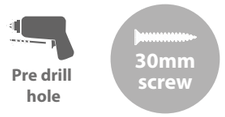


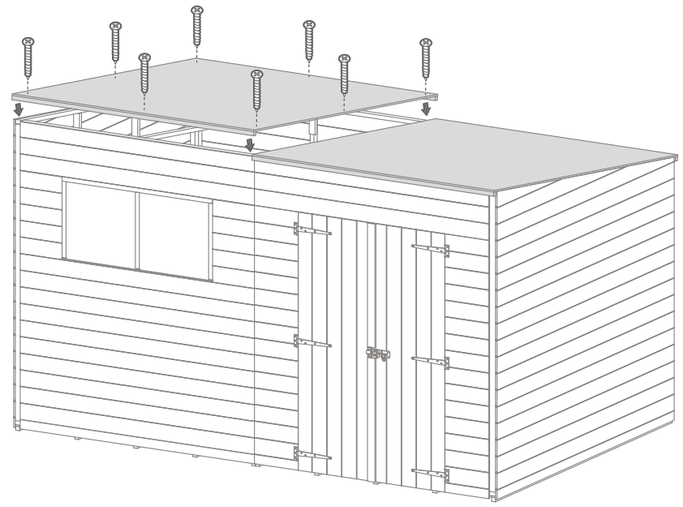
Step 9

Place the assembled roof panels on to the building and secure as shown in the illustration with 16x30mm screws

Ensure the roofs are flush with the sides of the building.

16x30mm Screws





If you have purchased the T&G roof and floor option ensure to fix the roof to the building using 35x70mm screws following the same method outlined above.

***Internally*: Secure the roof panels together where they join using 5x50mm screws.**

35x70mm Screws
5x50mm Screws



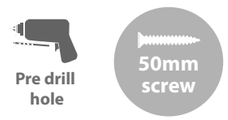


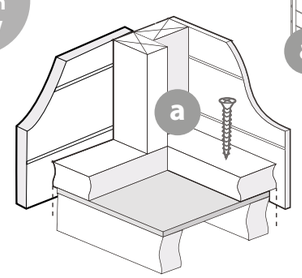
Step 10

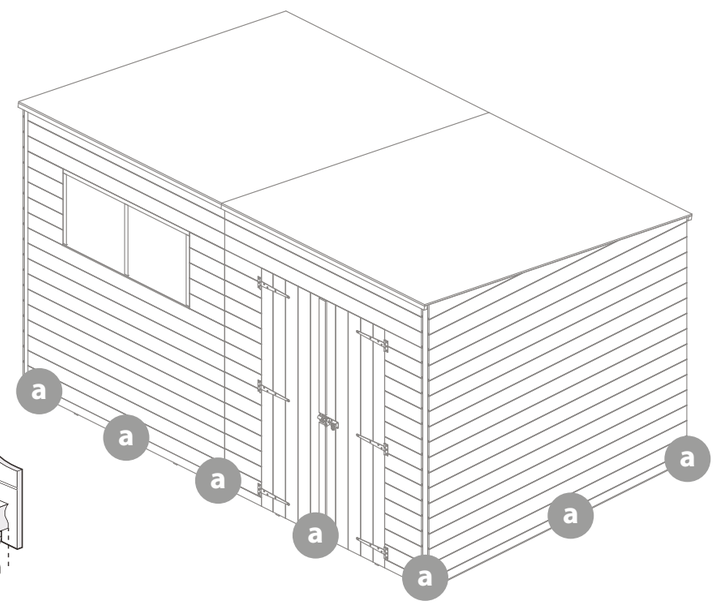
a Secure the building to the floor using 28x50mm screws.

Ensure to screw through the framing into the floor bearers.

28x50mm Screws







Step 11

Cut the felt into 3 sheets and lay onto the roof.

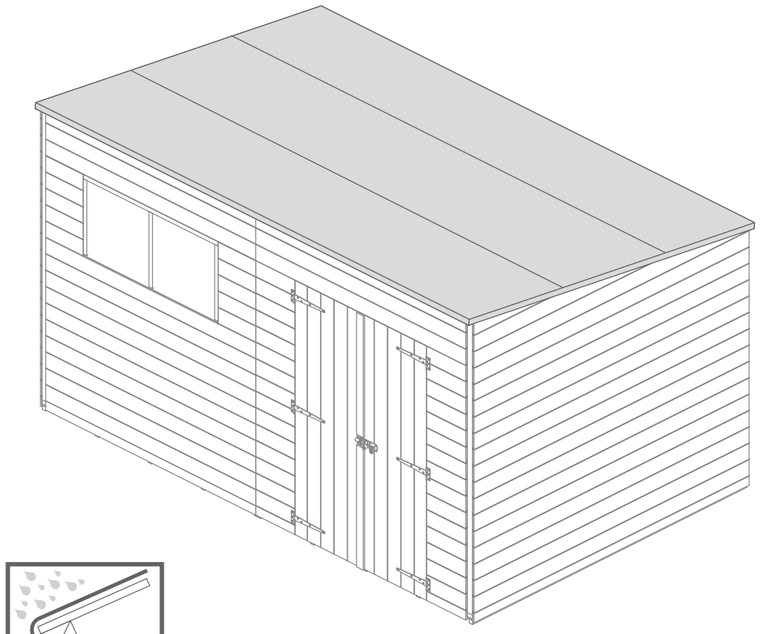
**** Ensure there is approximately 50mm of overhang around the building.***

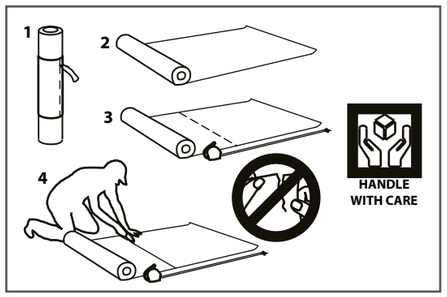
Fix into place using 219x felt tacks at 100mm intervals.

219xFelt Tacks

Felt tacks

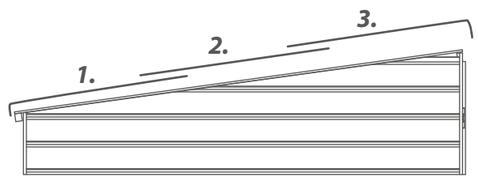
Felt size: 10x8 - 3220mm
12x8 - 3760mm











Step 12

Measure the side of the roof, cut 2x (***No. 18)*** facias to size and fix in place using 3x30mm screws.

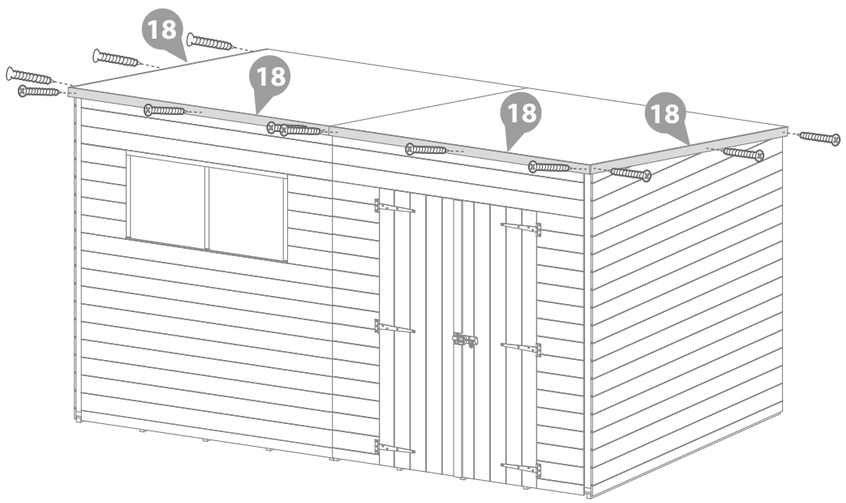
Measure the distance between the 2 facias at the front of the building & cut 2x (***No. 18)*** facias to match the gap. Secure to the building using 6x30mm screws.

12x30mm Screws

Cut down to fit

Pre drill hole

30mm screw



Step 13

Measure the gaps at the corners of the building & cut 6x (***no.8)*** strips to match.

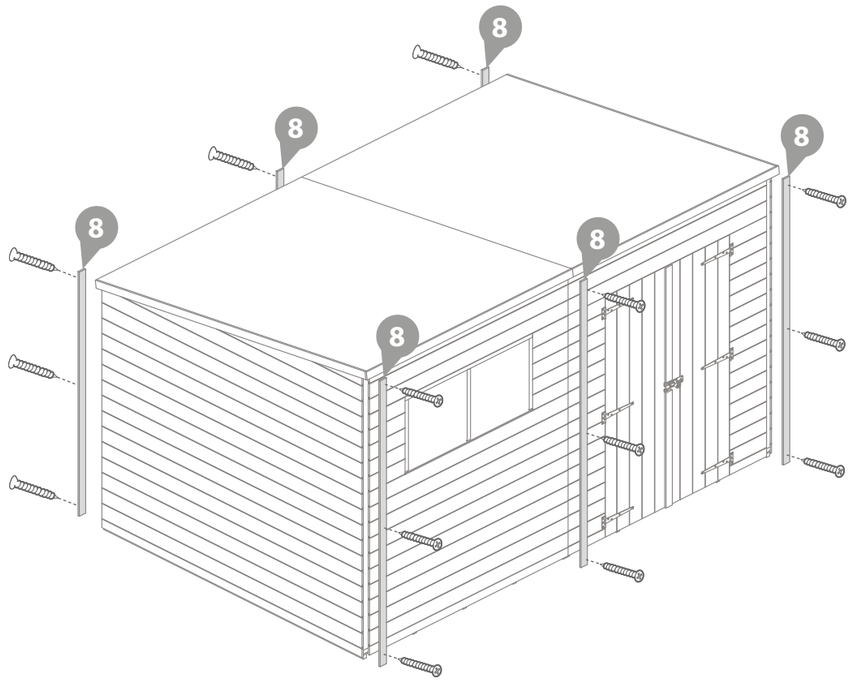
Once cut secure to the building using 3x30mm screws per strip.

18x30mm Screws

Cut down to fit

Pre drill hole

30mm screw



Step 14

Fix the last roof block (***No. 10***) to the inside of the left door at the top. Screw through the front of the door into the block using 2x30mm screws.

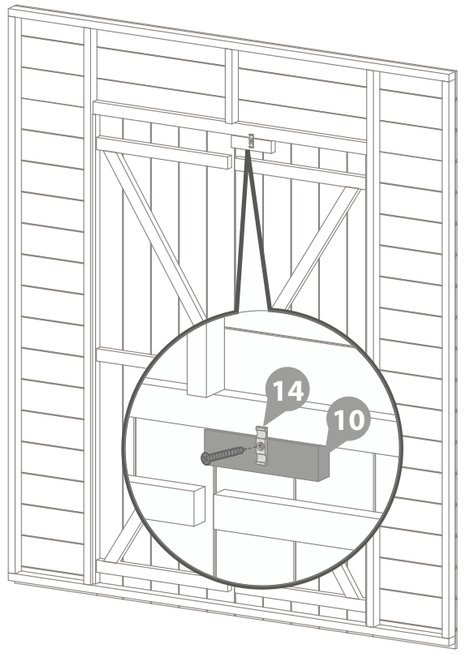
****Ensure the block sits below the door head.***

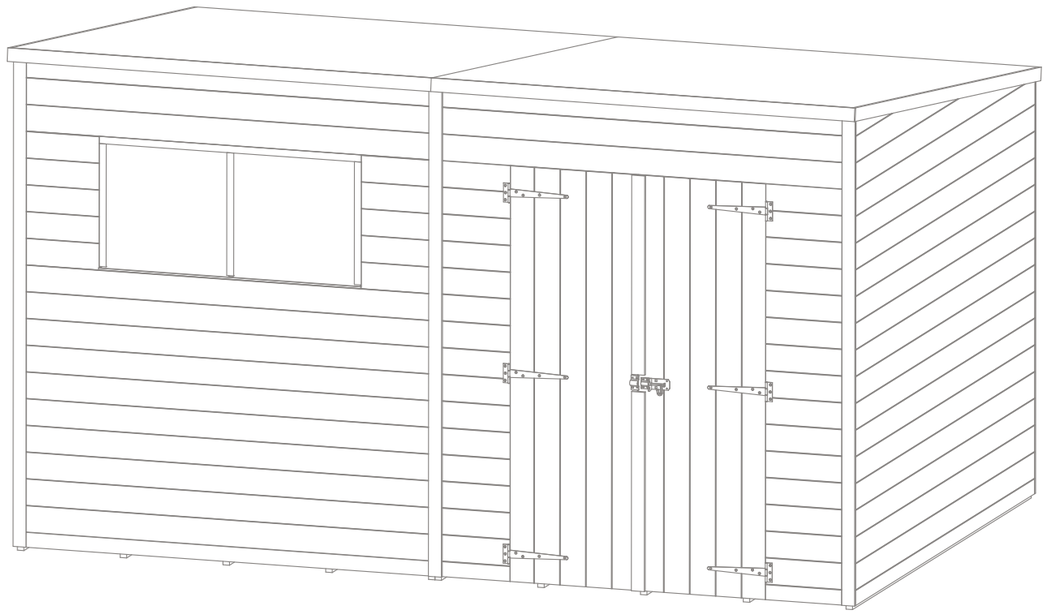
Secure the turn button (***No. 14***) to the block with 1x30mm black screw. Making sure the turn button catches on the door head.

2x30mm Screws
1x30mm Black Screws

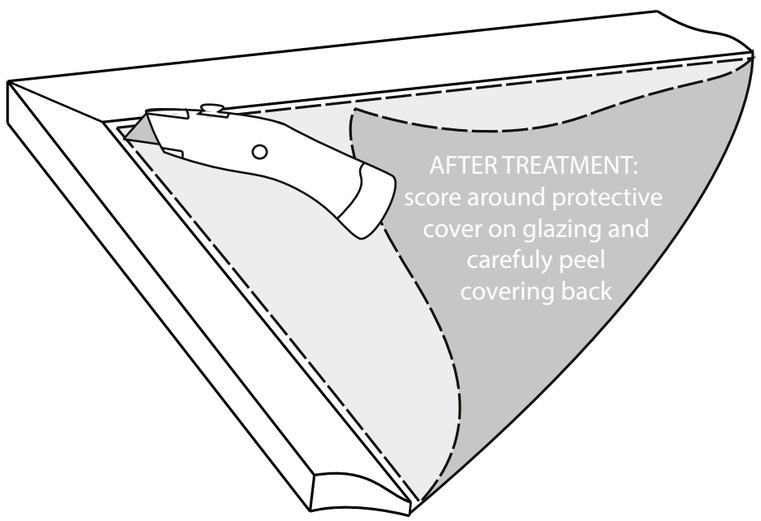
Pre drill hole

30mm screw






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