

General Instructions

Please retain product label and instructions for future reference

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.

Once your garden building has been installed it will need to be treated as soon as possible and annually to prevent the timber from deteriorating and to waterproof it. This is required to maintain the anti-rot guarantee.

Dip Treated buildings - Require a preservative treatment to protect against rot and decay and a waterproof treatment to prevent water ingress

Pressure Treated buildings - Require a waterproof treatment to prevent water ingress

Log Cabins - Are supplied untreated and require a preservative and waterproofing treatment.

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 your specific product code



x2

All buildings 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.

Screws & Nails



Bolts



To identify the fixings required for each step use a measuring tape.

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 821215

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www.merciagardenproducts.co.uk

01DDPENT1008-V3, 01DDPENT1208-V3

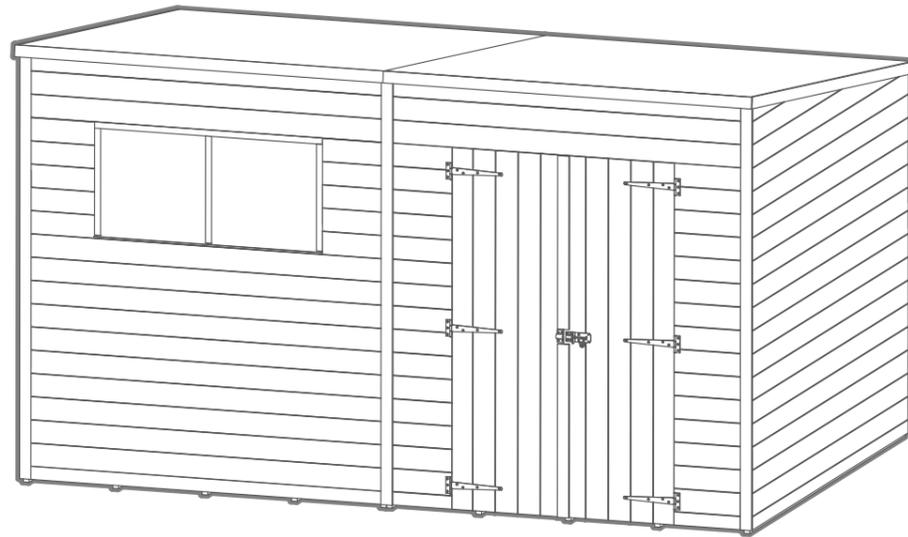
Please retain product label and instructions for future reference

10x8 Overall Dimensions: Length = 3116mm
Width = 2419mm
Height = 2115mm

12x8 Overall Dimensions: Length = 3662mm
Width = 2419mm
Height = 2115mm

Base Dimensions: Length = 3064mm
Width = 2305mm

Base Dimensions: Length = 3610mm
Width = 2305mm



9 
Strip - QTY 7
10x8: 12x56x2500mm S1256-2500-PT3
12x8: 12x56x2144mm S1256-2144-PT3

10 
Strip - 12x30x1684mm QTY 6
S1230-1684-PT3

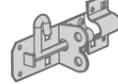
11 
Roof Block - 27x44x160mm QTY 7
F2744-160-PT3

12 
Roof Support - 27x44x2238mm QTY 3 - F2744-2238-PT3
**OSB option only*

13 
Eaves Frame QTY 4
10x8: 28x28x1546mm - FS2828-1546-PT3
12x8: 28x28x1819mm - FS2828-1819-PT3

14 
T-Hinge QTY 6 - PI-07-0021

15 
Turn Button QTY 1 - PI-07-0034

16 
Pad Bolt QTY 1 - PI-07-0035

17 
Plastic Window Cill QTY 1 - PI-08-0013

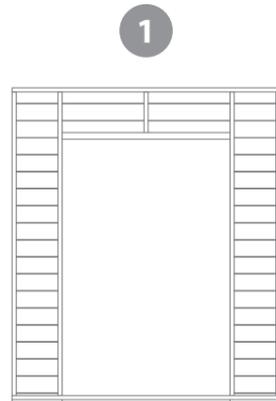
18 
Styrene - 550x550mm QTY 2 - PI-05-0114

19 
Fascia - 12x95x2500mm QTY 4 - SR1295-2500-PT3

Nail Bag

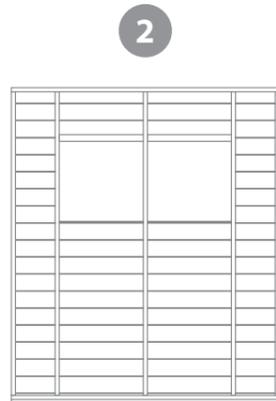
There may be extra screws present in the nail bag

-  70mm Screw x24
-  50mm Screw x 59
-  40mm Screw x 12
-  30mm Screw x 102
-  30mm Black Screw x 1
-  20mm Screw x 21
-  Felt Tacks x 220



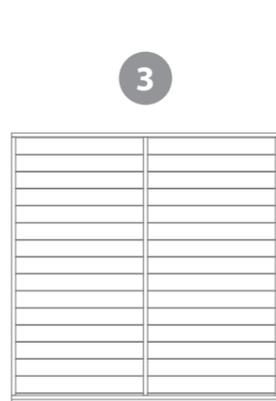
1 Door Panel

10x8 - AI-01DDPDP1490X2072-V3
12x8 - AI-01DDPDP1763X2072-V3



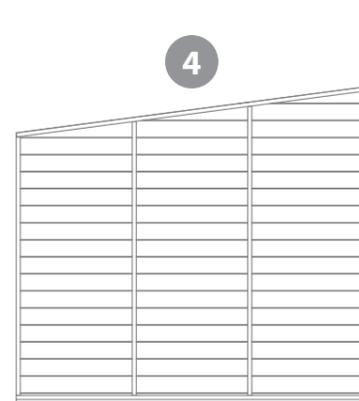
2 Window Panel

10x8 - AI-01DDPWP1490X2072-V3
12x8 - AI-01DDPWP1763X2072-V3



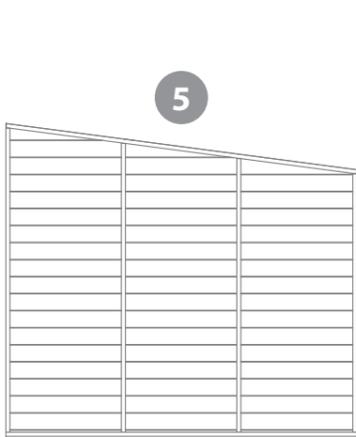
3 Plain Panel QTY 2

10x8 - AI-01DDPPP1490X1774-V3
12x8 - AI-01DDPPP1763X1774-V3



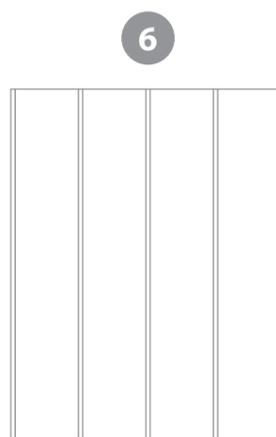
4 Gable Right

AI-01DDPRG2310X2080-V3



5 Gable Left

AI-01DDPLG2310X2080-V3



6 Floor QTY 2

10x8 - AI-01DDPF2305X1532-V2
12x8 - AI-01DDPF2305X1805-V2



7 Door QTY 2

AI-01MBMD551X1742-V2

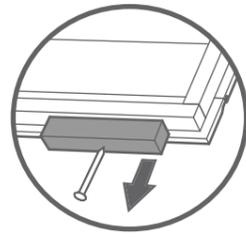


8 Roof QTY 2

10x8 - PI-03-0295
12x8 - PI-03-0297

Pre Assembly

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



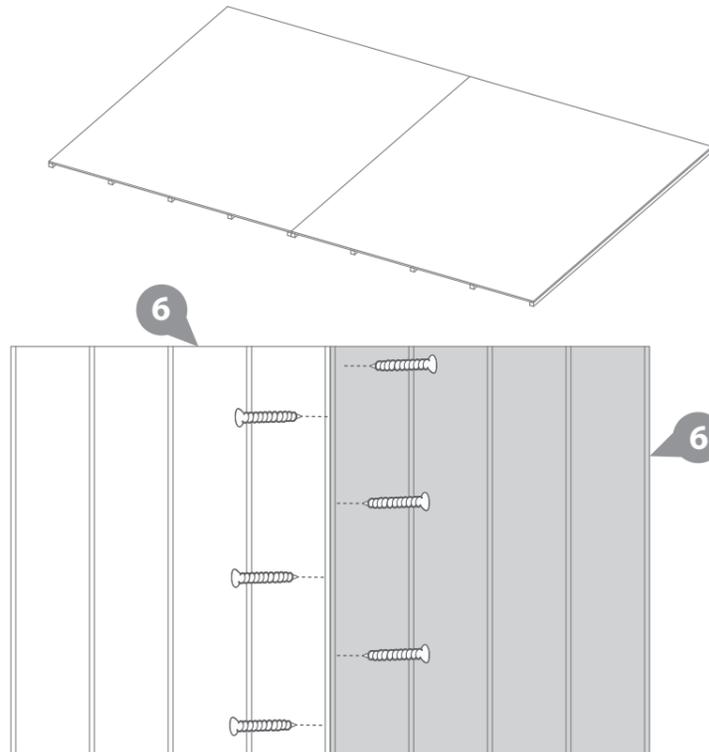
Step 1

Place the floor (No. 6) 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.

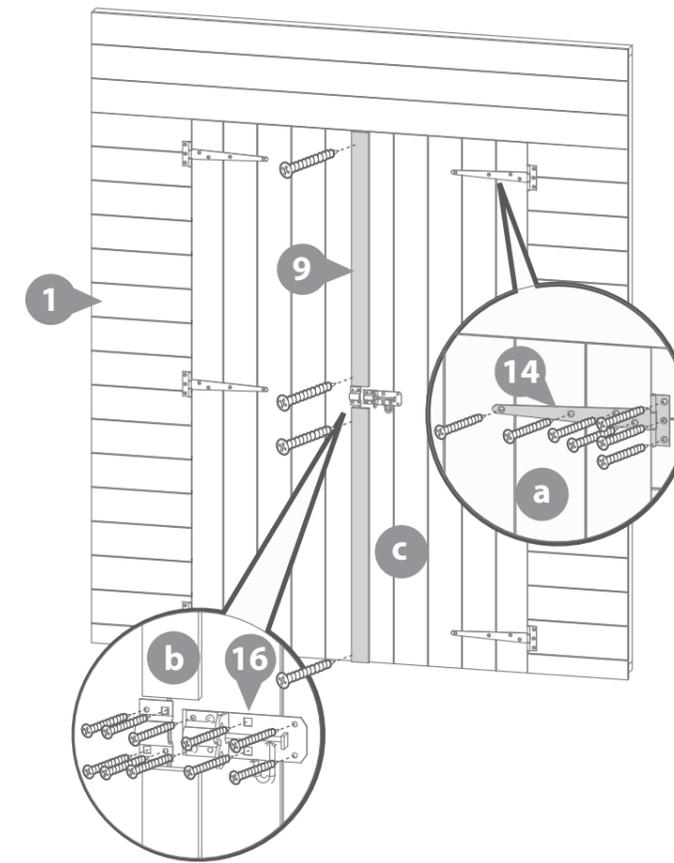
6x50mm Screws



Step 2: Door panel assembly

- a** Locate the doors (No. 7) into the door panel and fix in place using 3x T-Hinges (No. 14), securing with 7x30mm screws.
- b** Attach the pad bolt (No. 16) 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. 9) strips to fit, secure in place with 2x20mm screws per strip.

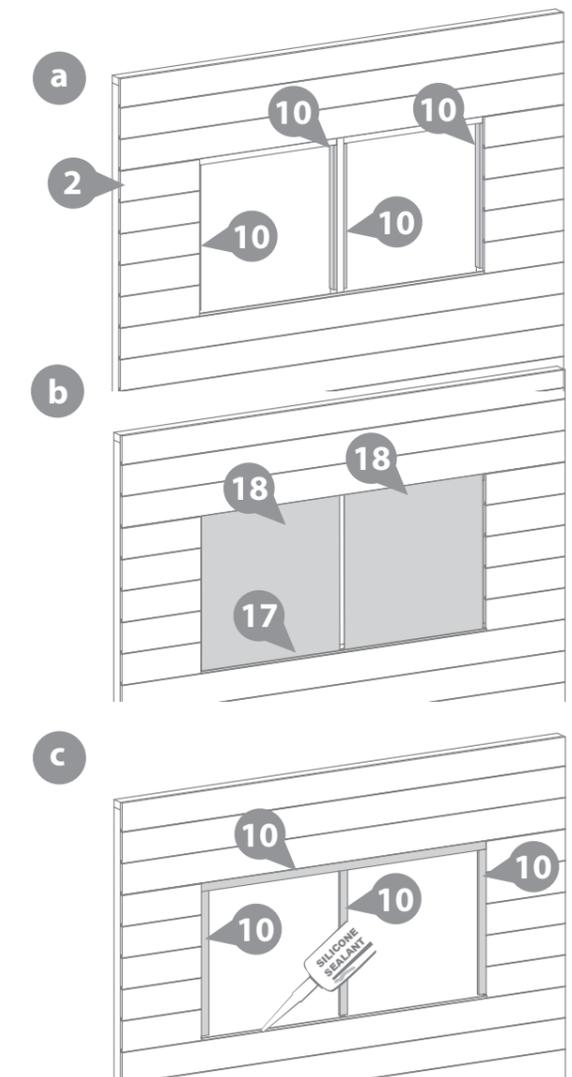
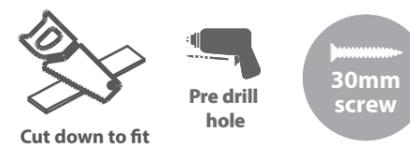
52x30mm Screws 4x20mm Screws



Step 3: Window panel assembly

- a** Cut 7x (No. 10) strips to 515mm and secure 4x 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. 17) on top of the board and rest the styrene (No. 18) in the window gap.
 - c** Measure the window gap and cut 1x (No. 10) strip to fit, securing in place with 3x20mm screws. Attach the remaining 3 (No. 10) 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.**

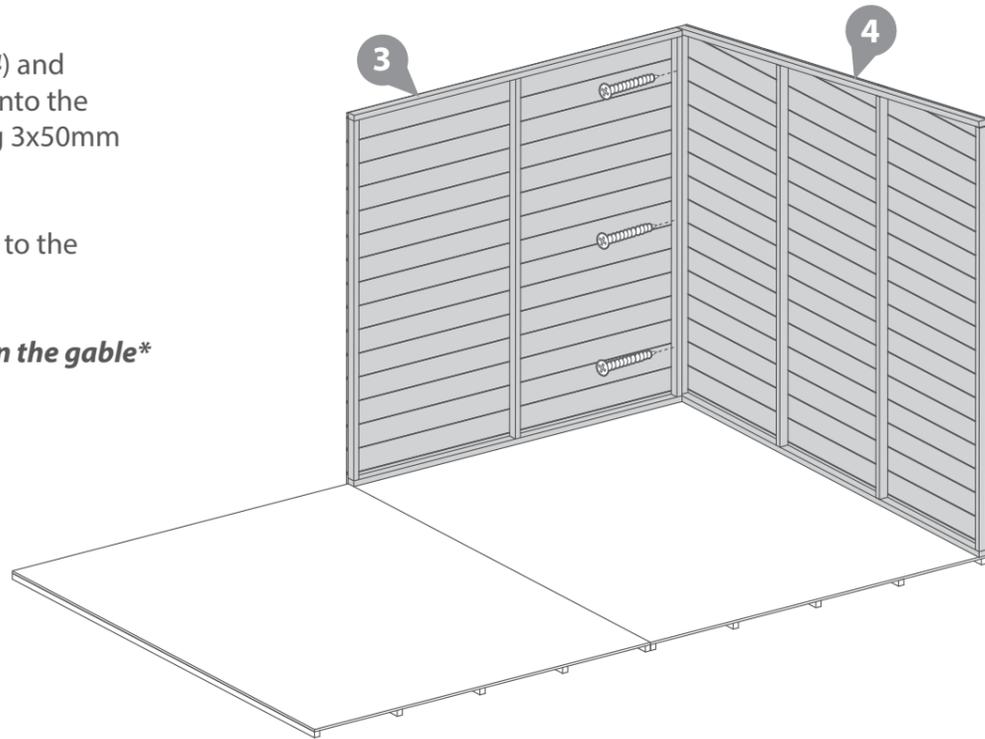
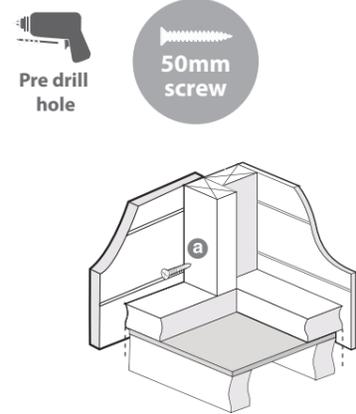
Step 4

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.

Ensure the plain panel sits within the gable

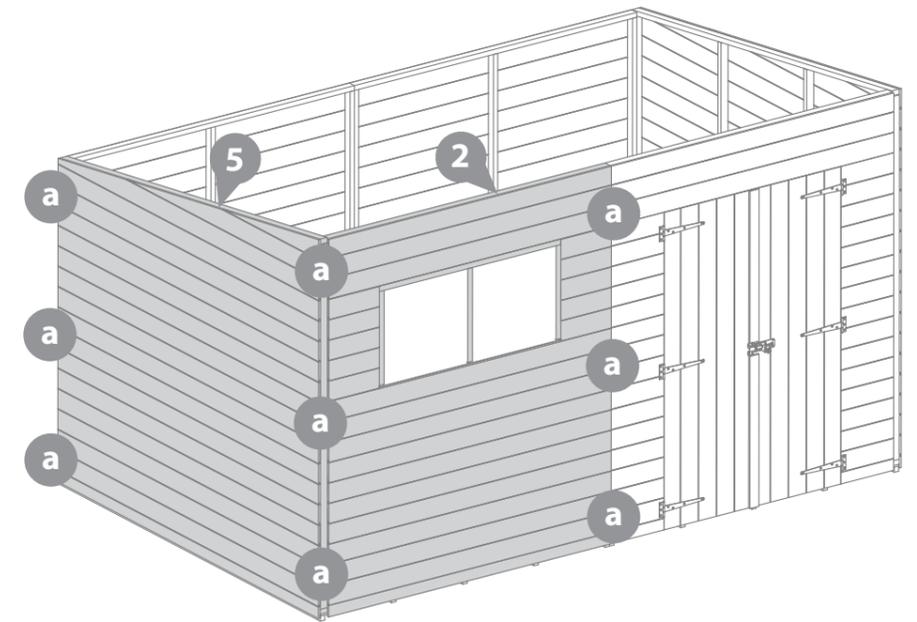
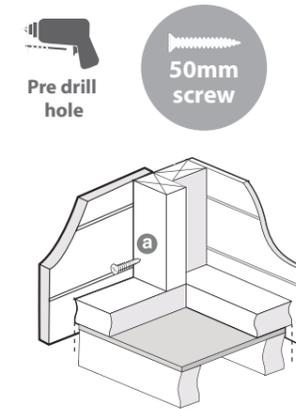
3x50mm Screws



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.

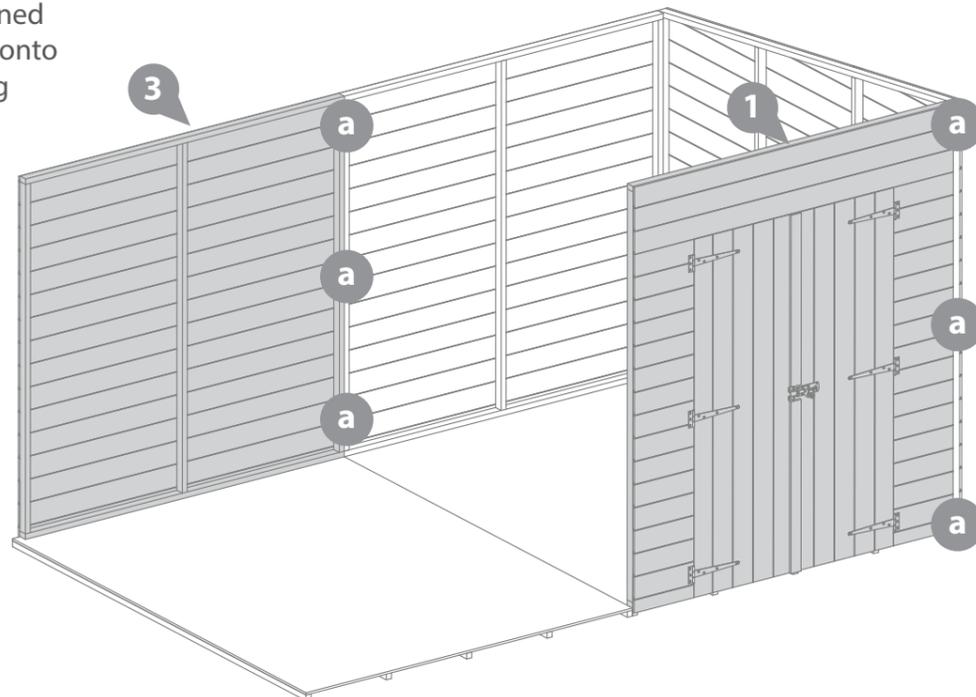
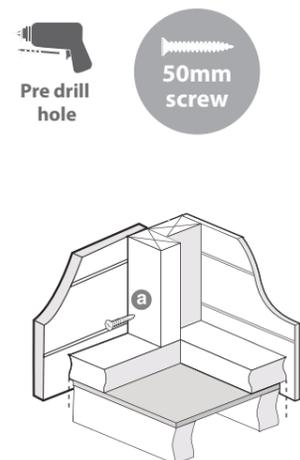
9x50mm Screws



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 7

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

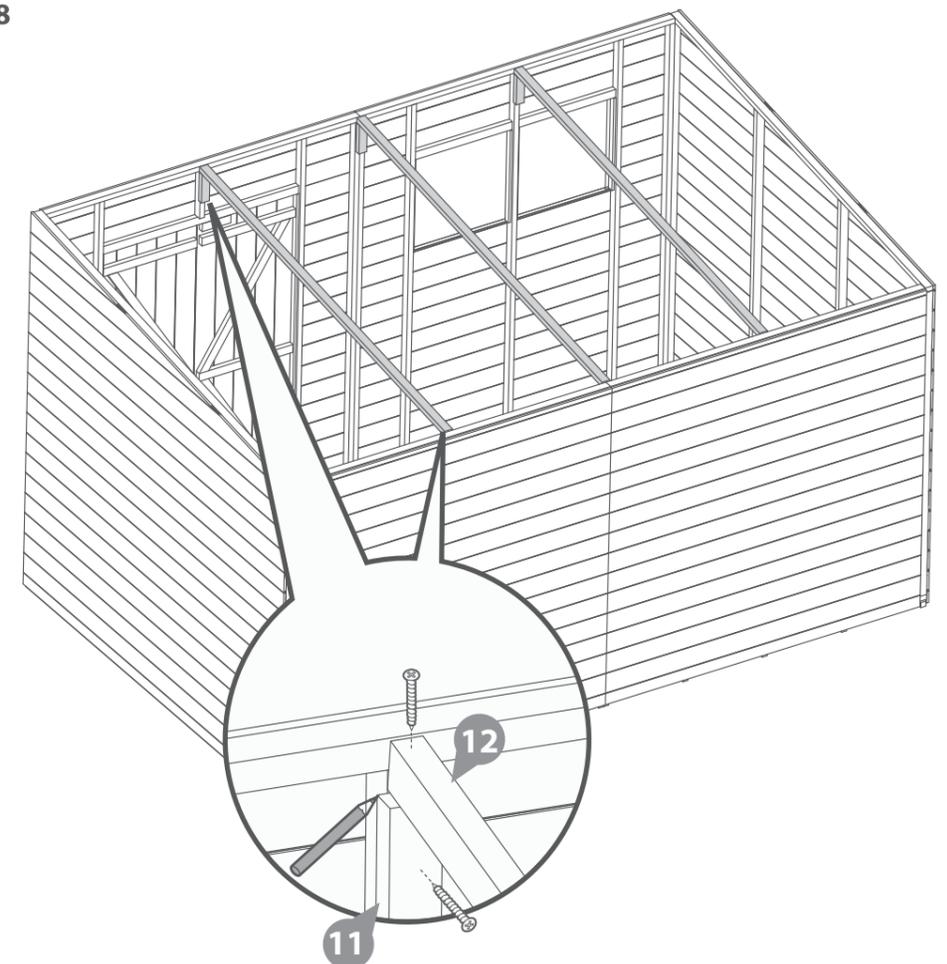
Place a roof support bar (**No. 12**) inbetween the framing on the door side and plain side, aligning with the top of gable. Mark the position with a pencil.

Fix the roof blocks (**No. 11**) 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.*

**12x50mm Screws
6x70mm Screws**

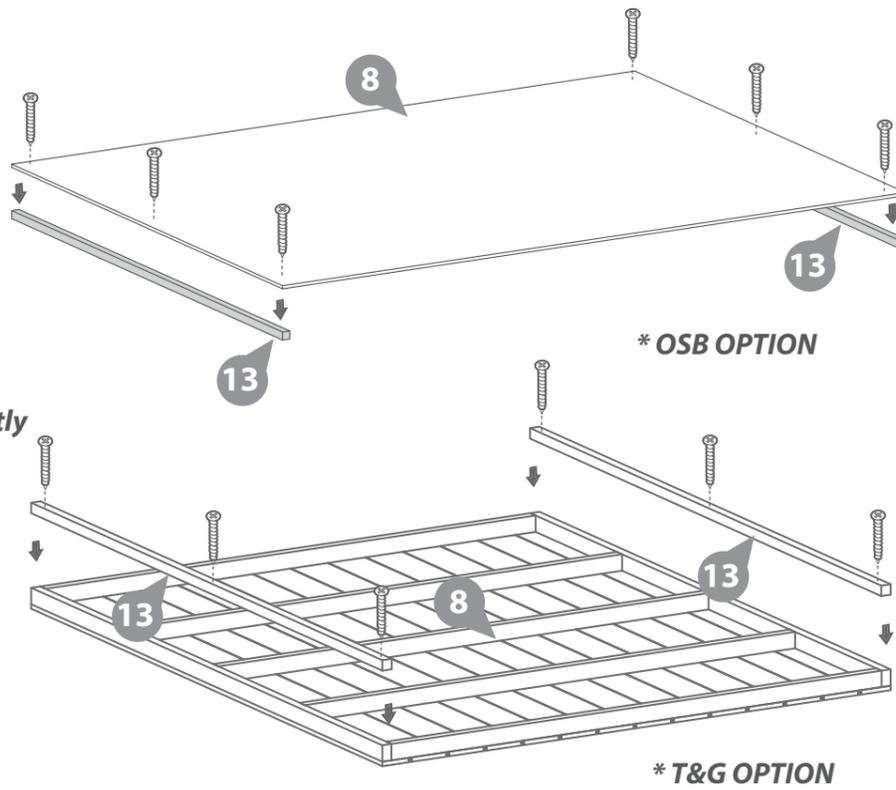


Step 8

Attach the 2x eaves frames (No. 13) to each roof (No. 8) 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



30mm screw

Step 9

Place the assembled roof panels on to the building and secure as shown in the illustration with 18x30mm screws

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

18x30mm Screws



30mm screw

***If you have purchased the T&G roof and floor option ensure to fix the roof to the building using 38x70mm screws following the same method outlined above.**

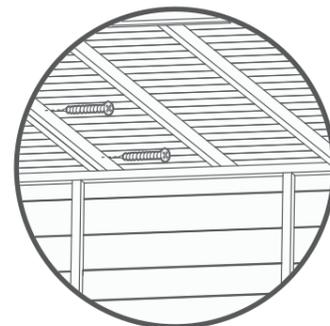
Internally: Secure the roof panels together where they join using 5x50mm screws.

18x70mm Screws
5x50mm Screws



70mm screw

50mm screw



Step 10

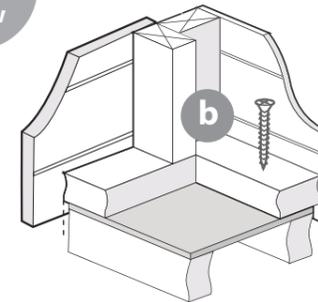
b Secure the building to the floor using 18x50mm screws.

***Ensure to screw through the framing into the floor bearers.**

18x50mm Screws



50mm screw



Step 11

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

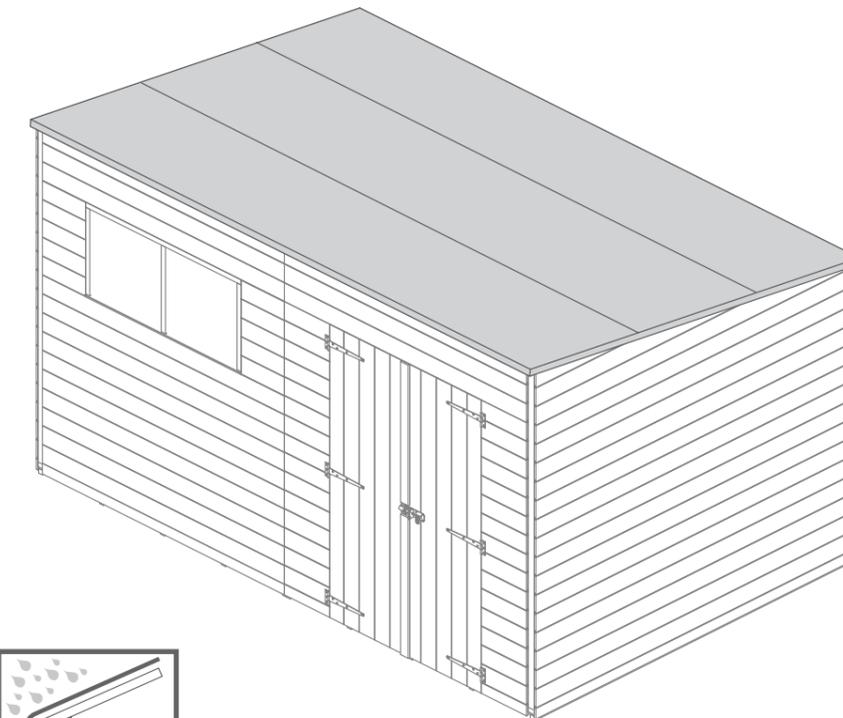
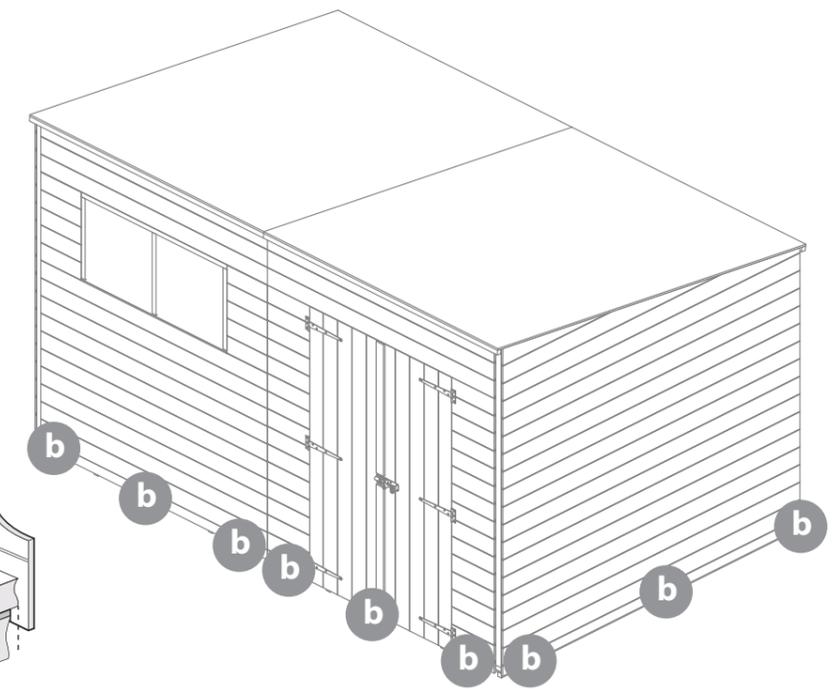
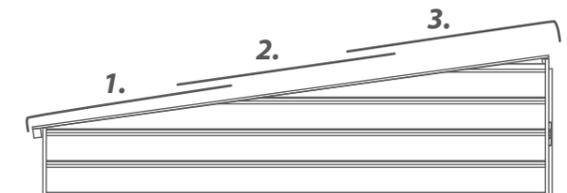
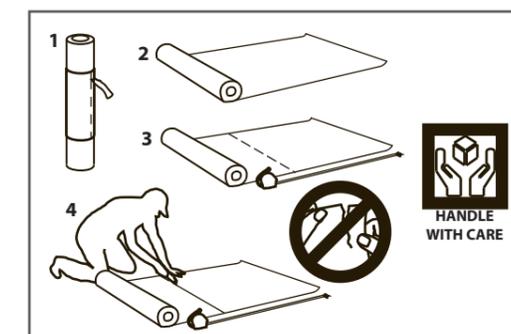
*** Ensure there is approximately 50mm of overhang around the building.**

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

219x Felt Tacks



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



Step 12

Measure the side of the roof, cut 2x (**No. 19**) fascias to size and fix in place using 3x30mm screws.

Measure the distance between the 2 fascias at the front of the building & cut 2x (**No. 19**) fascias to match the gap. Secure to the building using 6x30mm screws.

12x30mm Screws



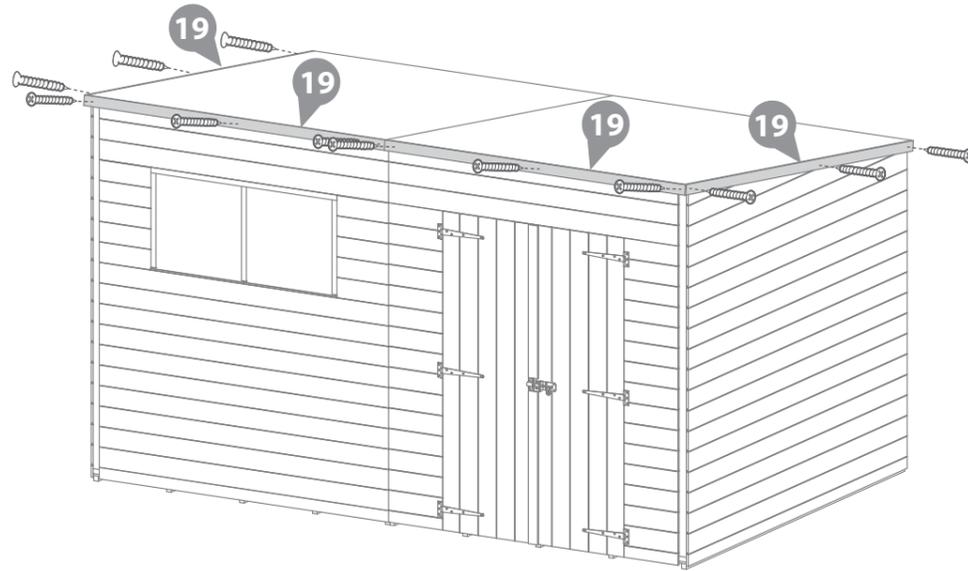
Cut down to fit



Pre drill hole



30mm screw



Step 14

Fix the last roof block (**No. 11**) 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. 15**) to the block with 1x30mm black screw. Making sure the turn button catches on the door head.

2x30mm Screws

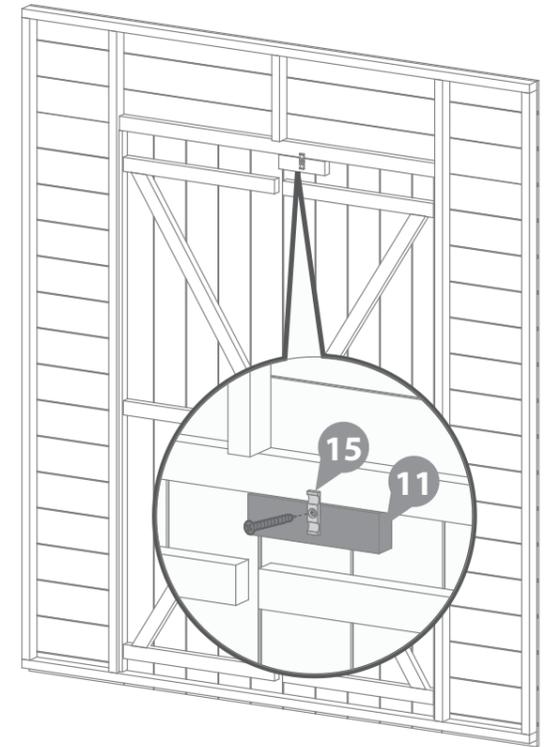
1x30mm Black Screws



Pre drill hole



30mm screw



Step 13

Measure the gaps at the corners of the building & cut 6x (**No. 9**) strips to match.

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

18x30mm Screws



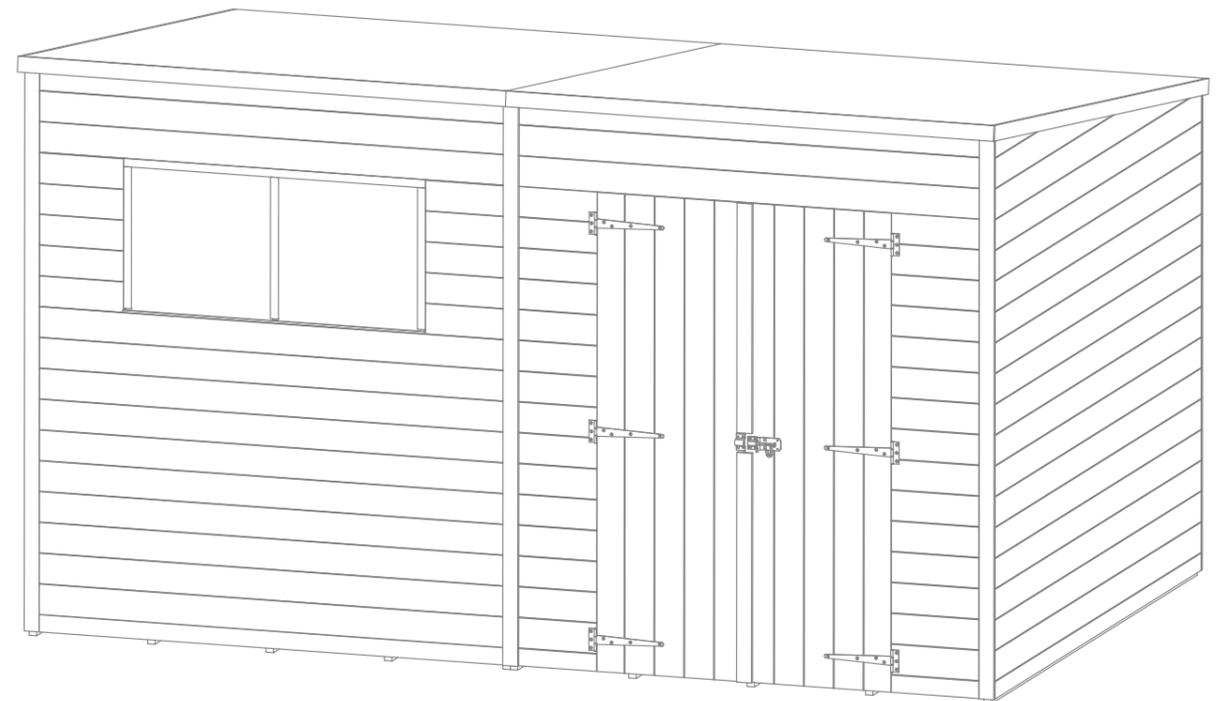
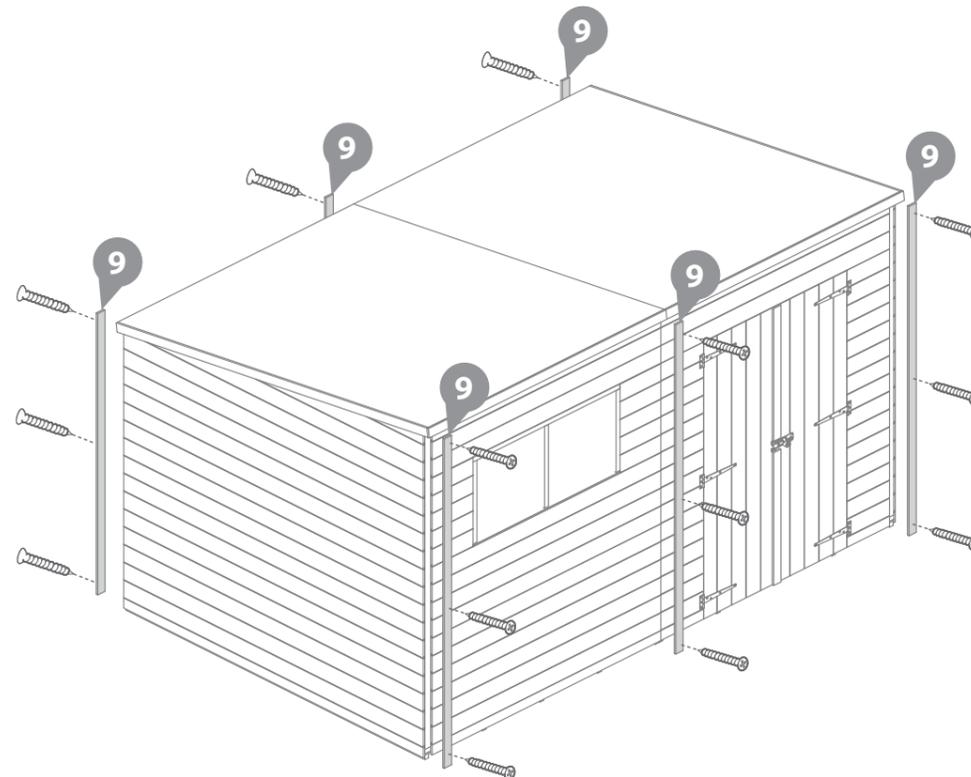
Cut down to fit

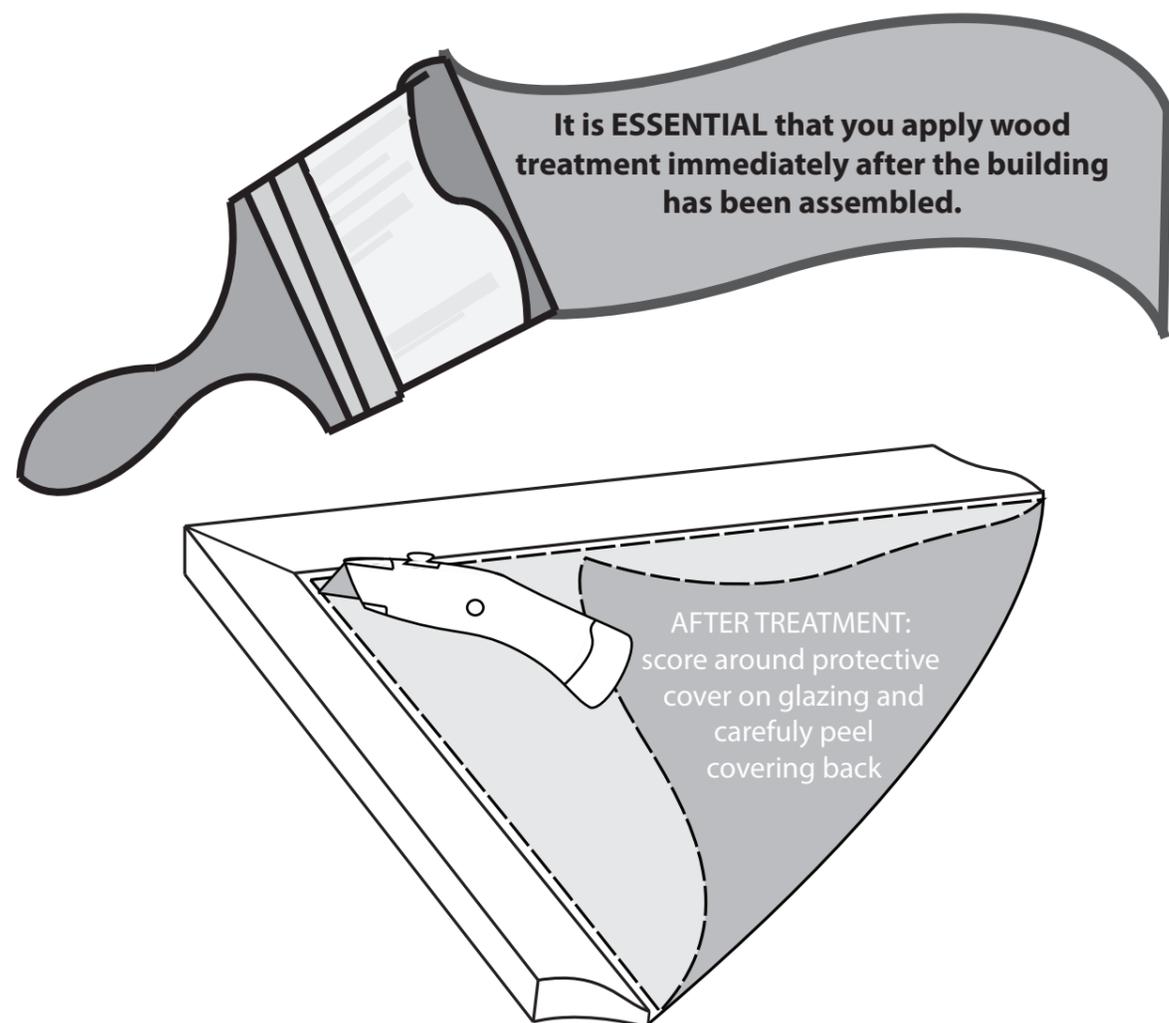


Pre drill hole



30mm screw





TREATED TIMBER CONTAINING WOOD PRESERVATIVE
for protection against wood destroying fungi and insects

Wear gloves when handling timber.

Avoid inhalation of sawdust.

Do not use in contact with drinking water or for direct food contact.

Do not use for animal bedding.

Dispose of treated wood responsibly.

Industrial waste should be disposed of through an authorised waste contractor.

