



## Mercia Garden OSB Apex Instruction Manual

[Home](#) » [Mercia Garden](#) » Mercia Garden OSB Apex Instruction Manual 

### General Instructions 01OSBA0806DDFW-V1 & 01OSBA0806DDFW-V1-NW 8X6 OSB APEX

#### Contents

- 1 BEFORE YOU START PLEASE READ INSTRUCTIONS CAREFULLY**
- 2 TIMBER**
- 3 BUILDING A BASE**
- 4 TYPES OF BASE**
- 5 Building content**
- 6 Pre Assembly**
- 7 Step 1**
- 8 Step 2**
- 9 Step 3**
- 10 Step 4**
- 11 Step 5**
- 12 Step 6**
- 13 Step 7**
- 14 Step 8**
- 15 Step 9**
- 16 Step 10**
- 17 Step 11**
- 18 Step 12**
- 19 Documents / Resources**
  - 19.1 References**
- 20 Related Posts**

### 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<sup>\*\*</sup>; this only helps to protect the product during transit and for up to 3 months against mould. To validate your guarantee and ensure the 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 runoff 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 children's 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

Please retain the product label and instructions for future reference



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.

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

Your building has been treated with Aquatan.

Aquaman is a water-based concentrate which is diluted with water, the building has been treated by the correct application of Aquaman 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, aqueous mixture of sodium dioctyl sulfosuccinate 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](http://www.merciagardenproducts.co.uk)

### Overall Dimensions:

Length = 2414mm

Width = 1905mm

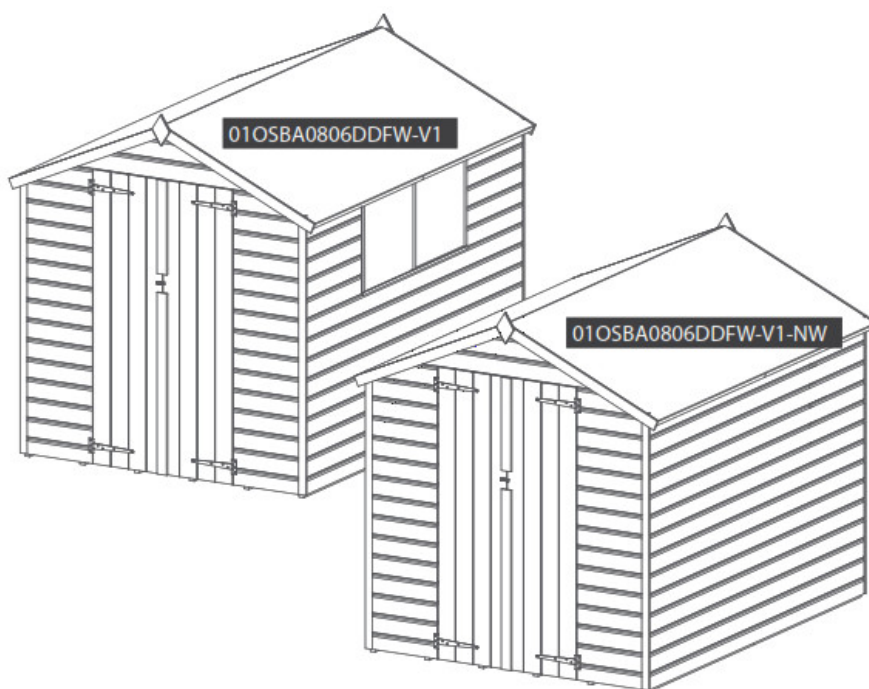
Height = 1986mm

### Base Dimensions:

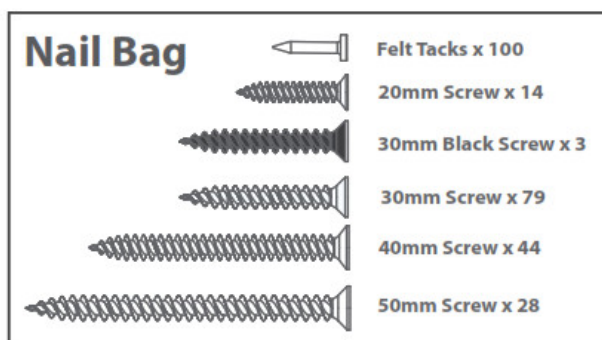
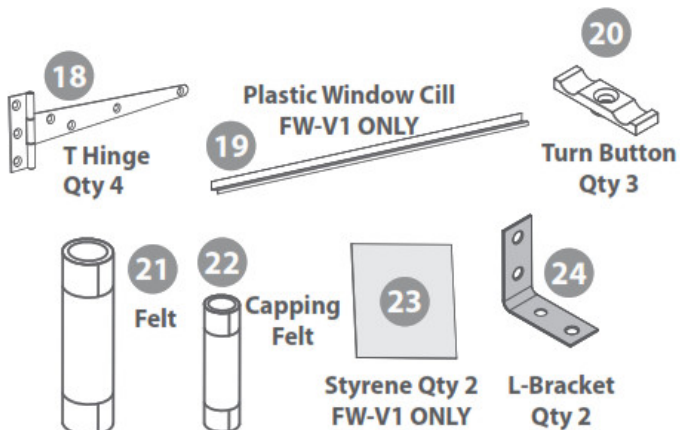
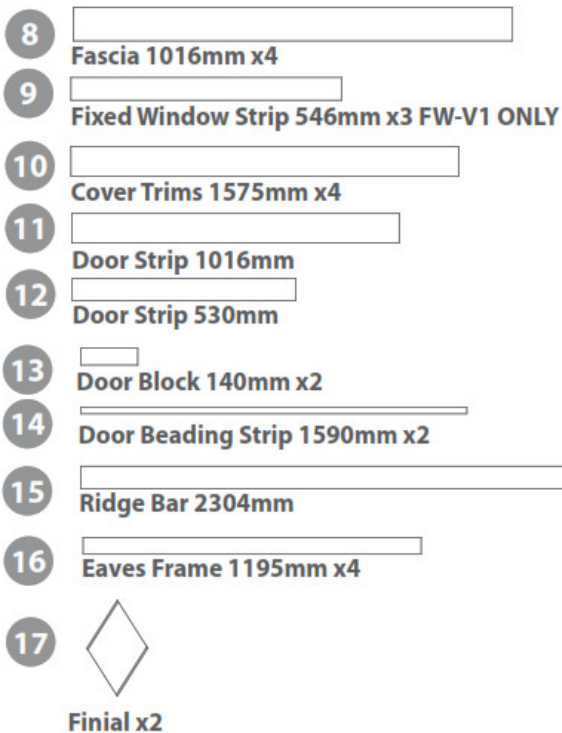
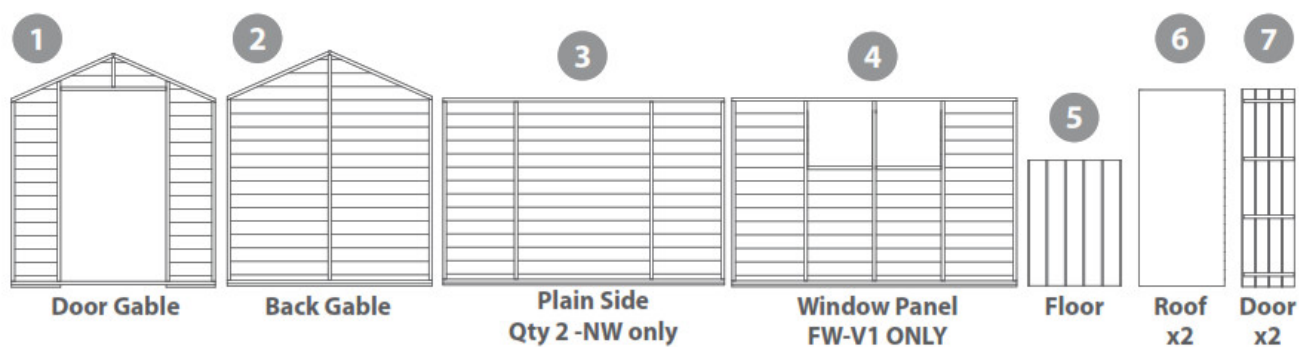
Length = 2350mm

Width = 1753mm

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

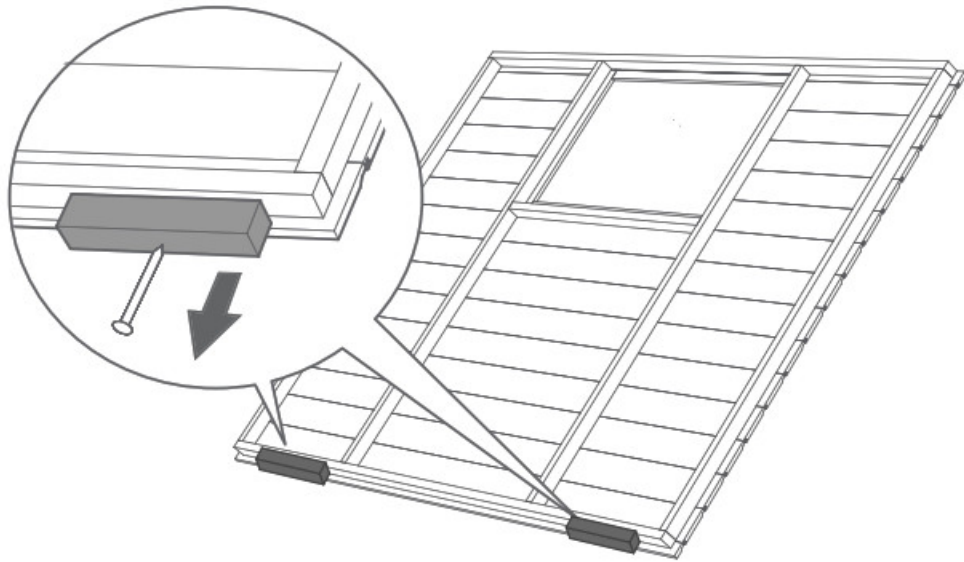


## Building content



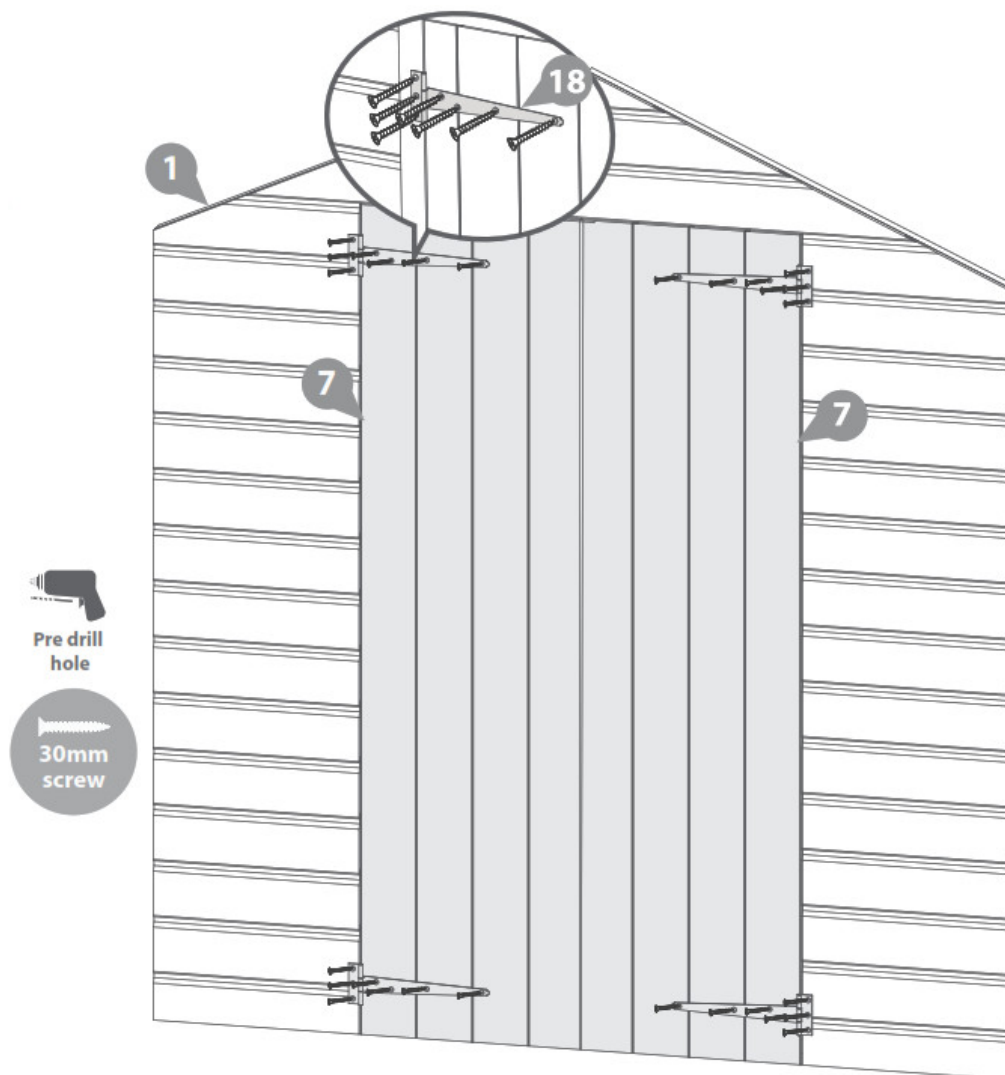
## Pre Assembly

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



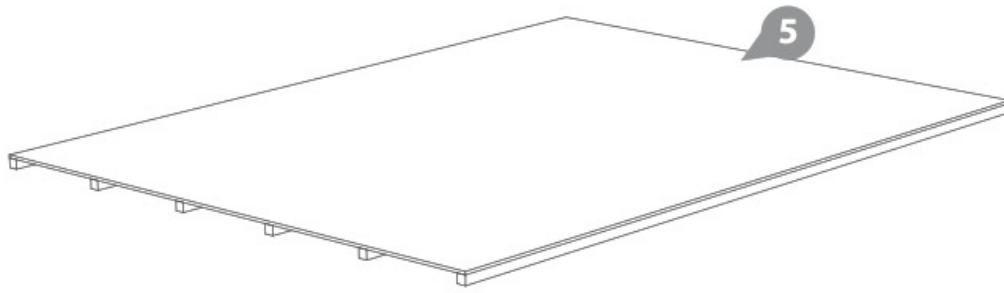
Fix the T Hinges onto the doors and door frame as shown. Ensure that the screws go through the cladding and into the framing behind.

28x30mm 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 requirements.

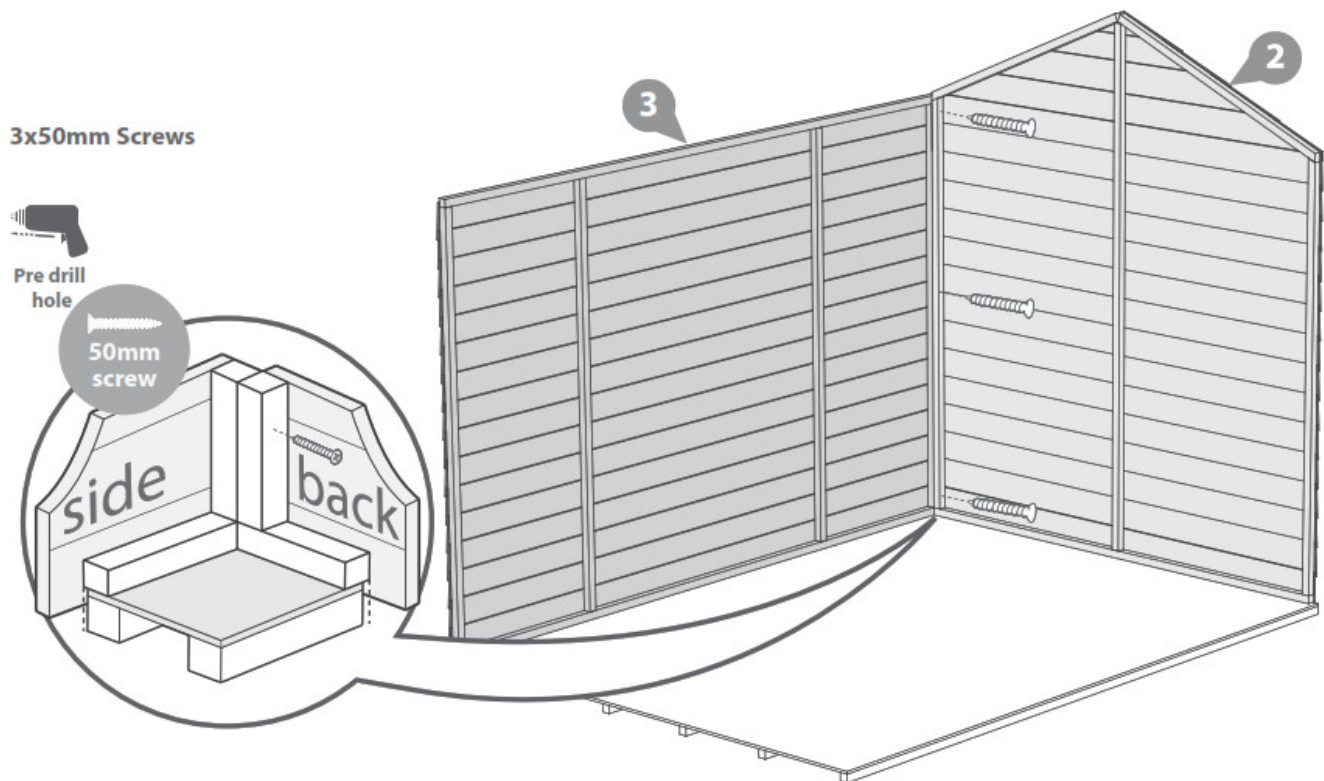


## Step 2

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

Do not secure the building to the floor until the roof is fitted. Fix the panels onto the floor using 50mm screws in alignment with the floor joists

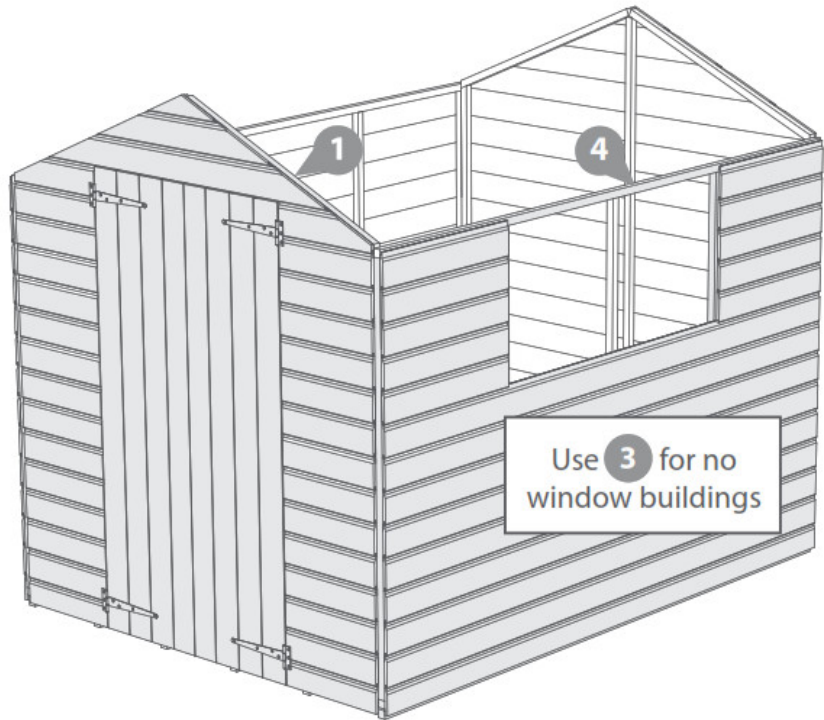
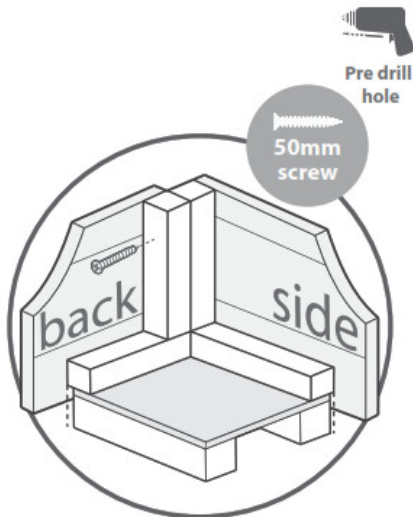
Position the panels so there is equal spacing between the floor and cladding on all 4 sides



### Step 3

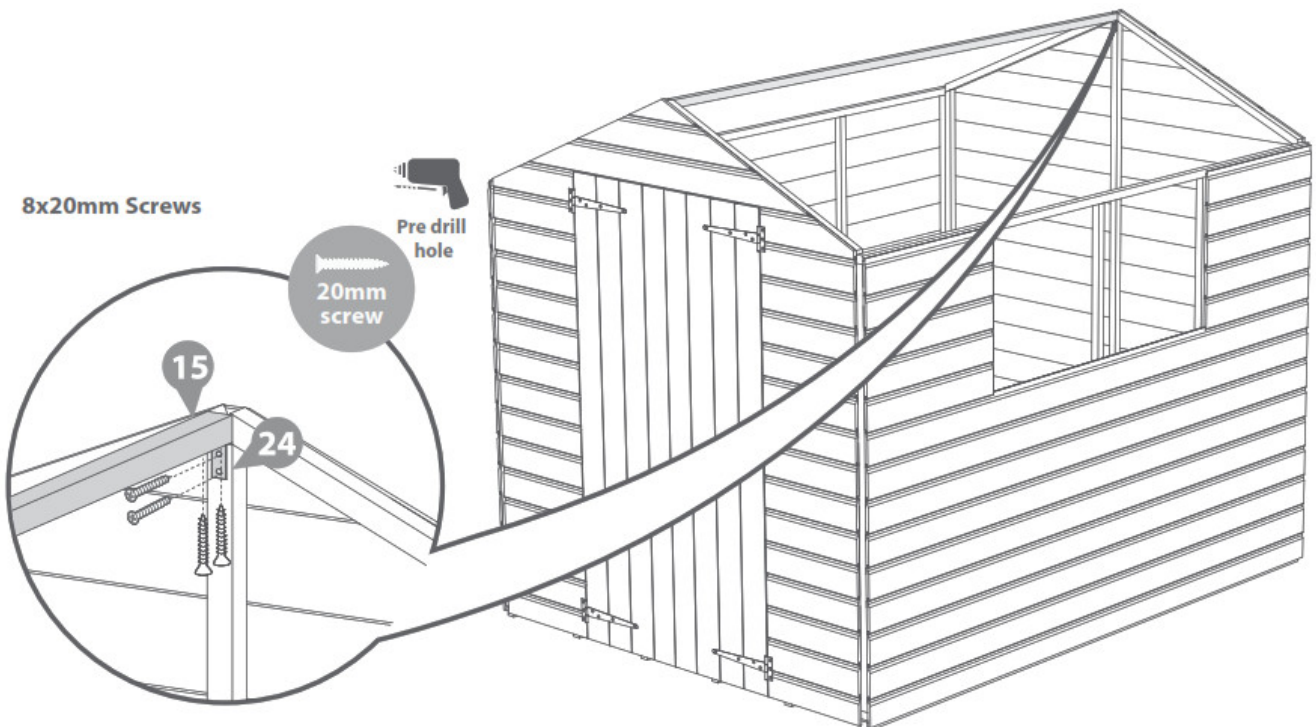
Fix the corners with 50mm screws as shown in diagram.

#### 9x50mm Screws



### Step 4

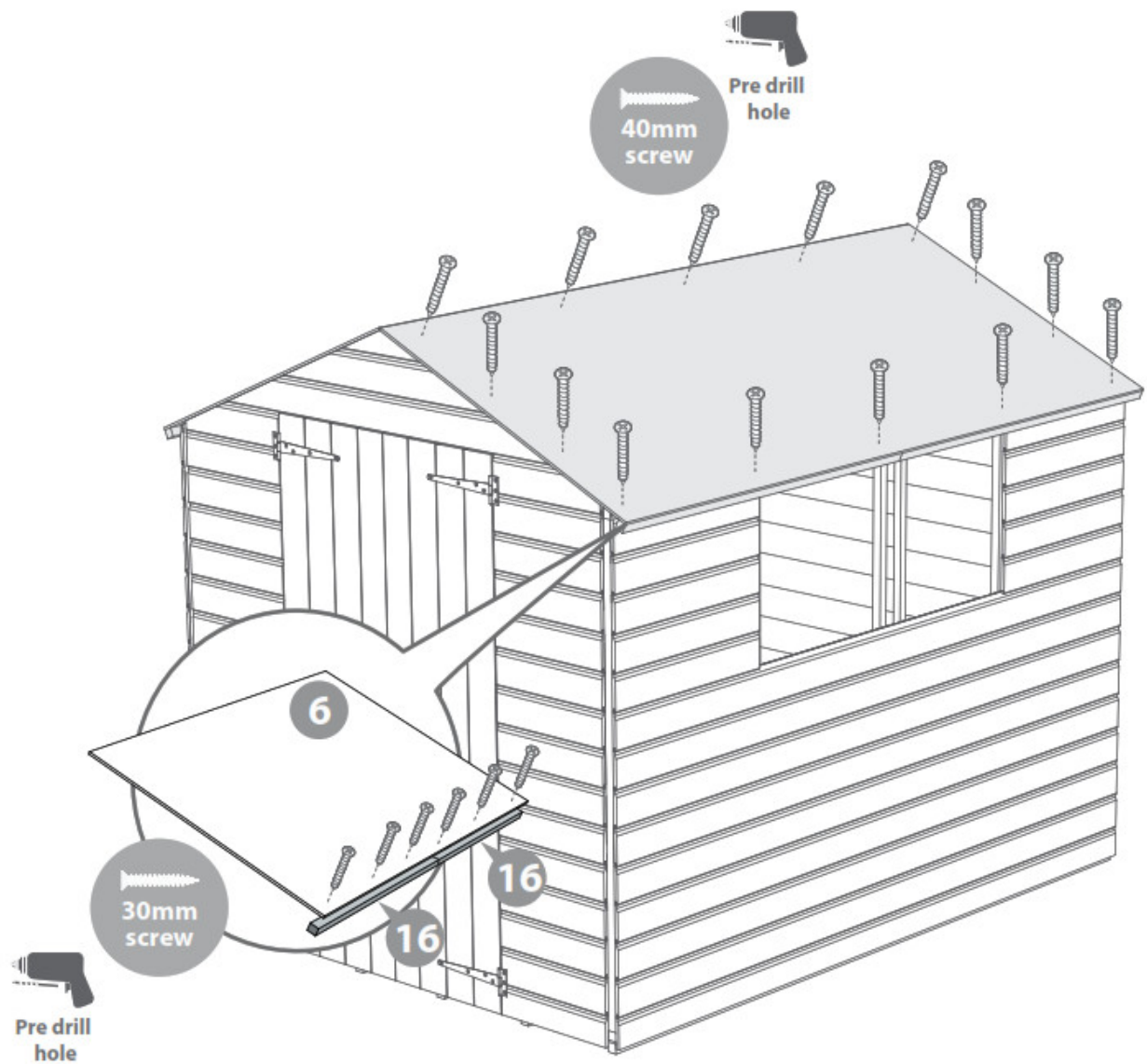
Place the ridge bar in between the front and back gables. Ensure the top corners of the ridge bar sit flush with the top points of the door gable. Fix the ridge bar to the gable using one L bracket for each end. Fix with 4x20mm screws each



### Step 5

Fix two eaves frames to each roof sheet using 3x30mm screws per eave. Fix the roof sheets to the roof ensuring they come together at the top using 40mm screws directly through the roof sheet at the top. Make sure to attach the roofs to the ridge bar.

12x 30mm Screws  
28x 40mm Screws



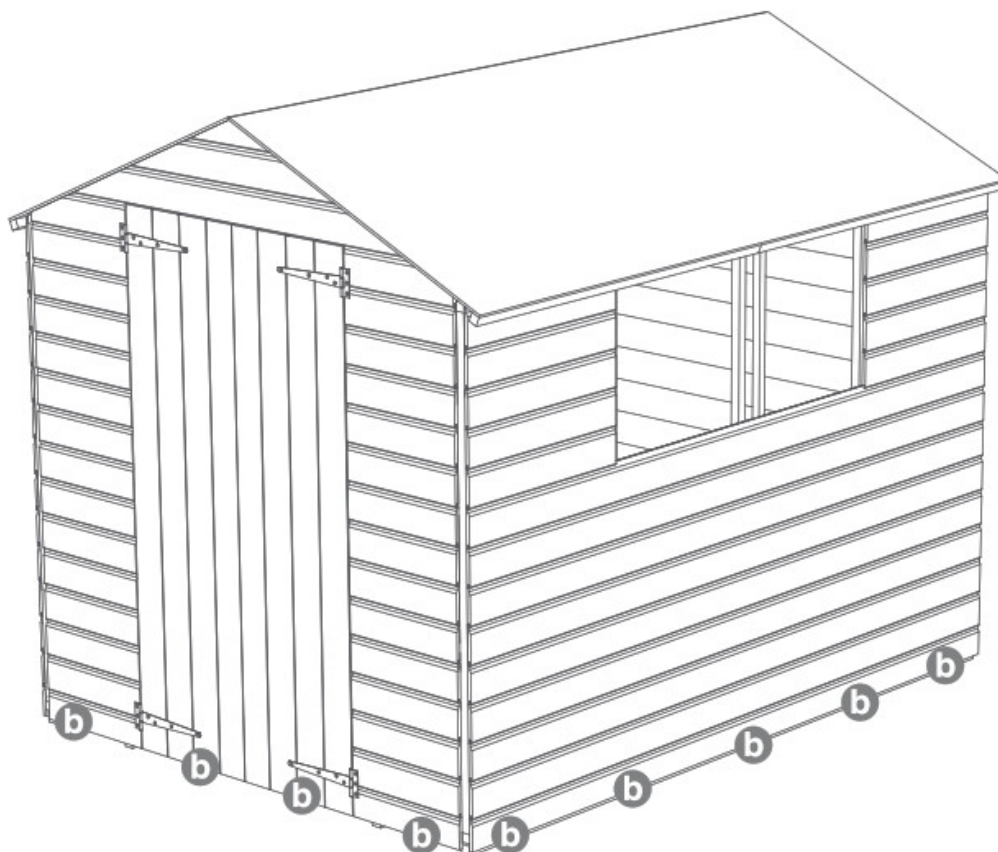
## Step 6

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

## 6x 50mm Screws

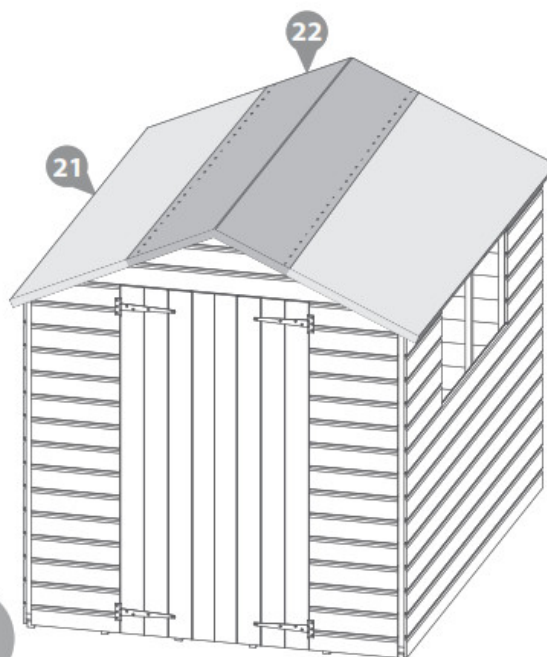
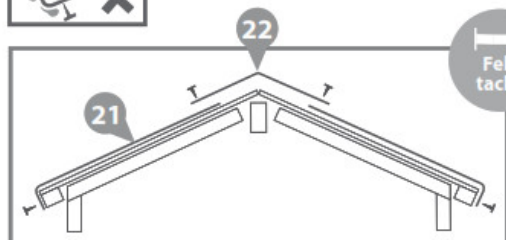


Pre drill  
hole

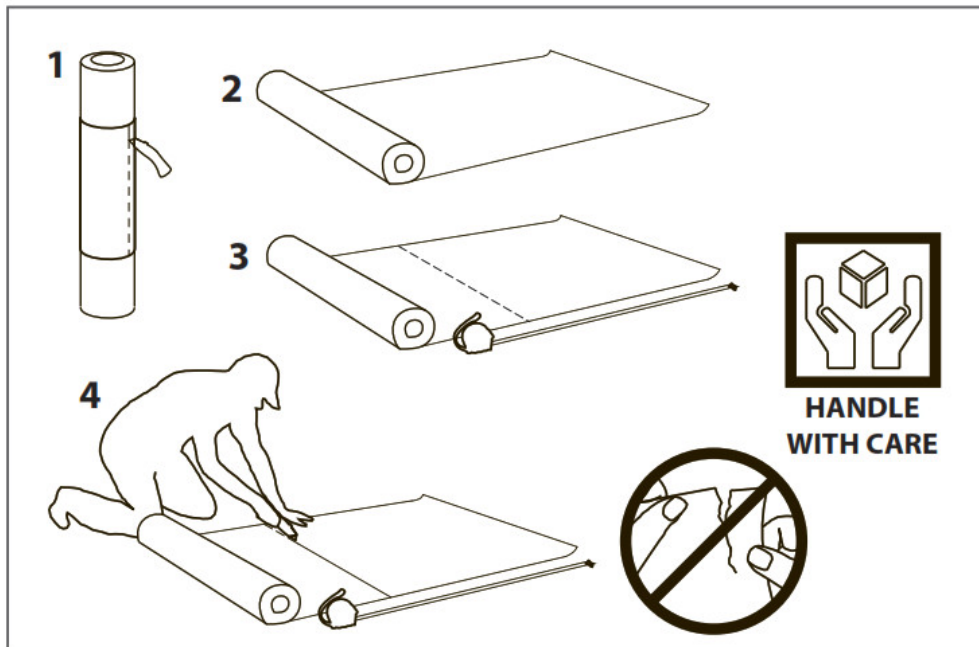


## Step 7

Cut the felt into 2 sheets at 2490mm and fix onto the roof using felt tacks as shown in diagram ensuring there is 50mm overhang around the sides. Cut the capping felt to 2490mm and fix over the centre of the apex as shown in the diagram ensuring there is 50mm overhang around the sides.

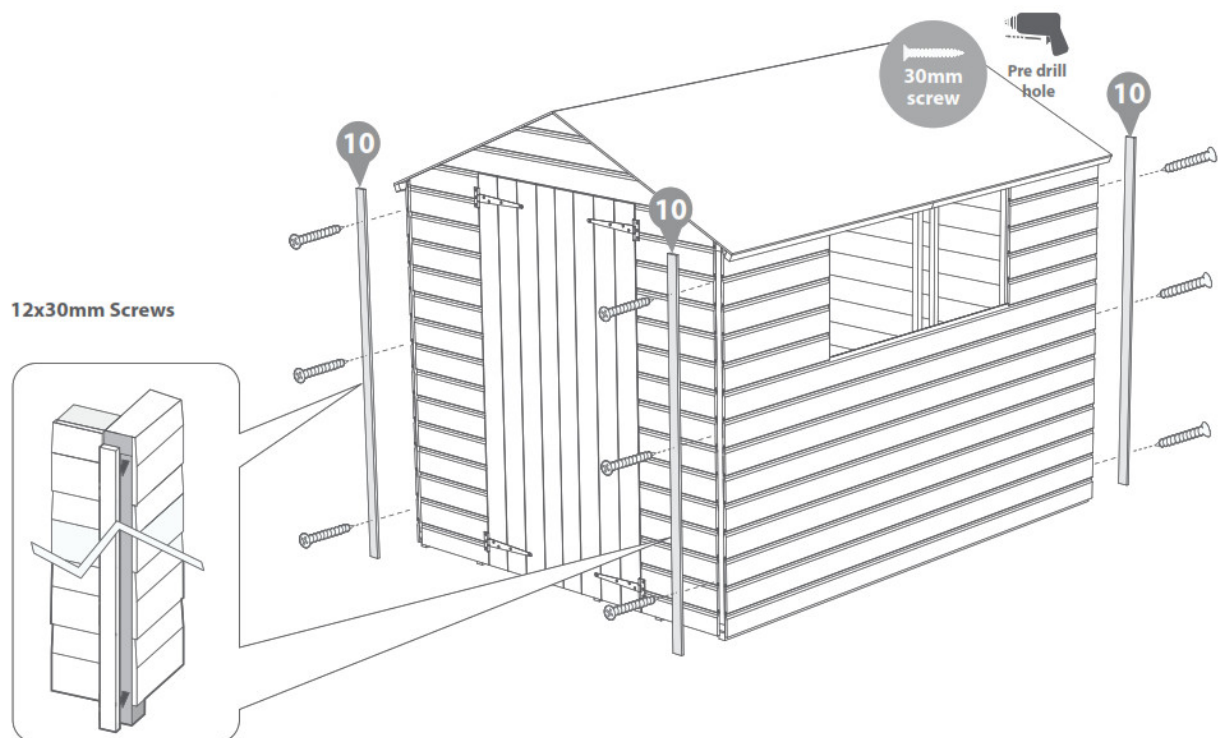


100x Tacks



## Step 8

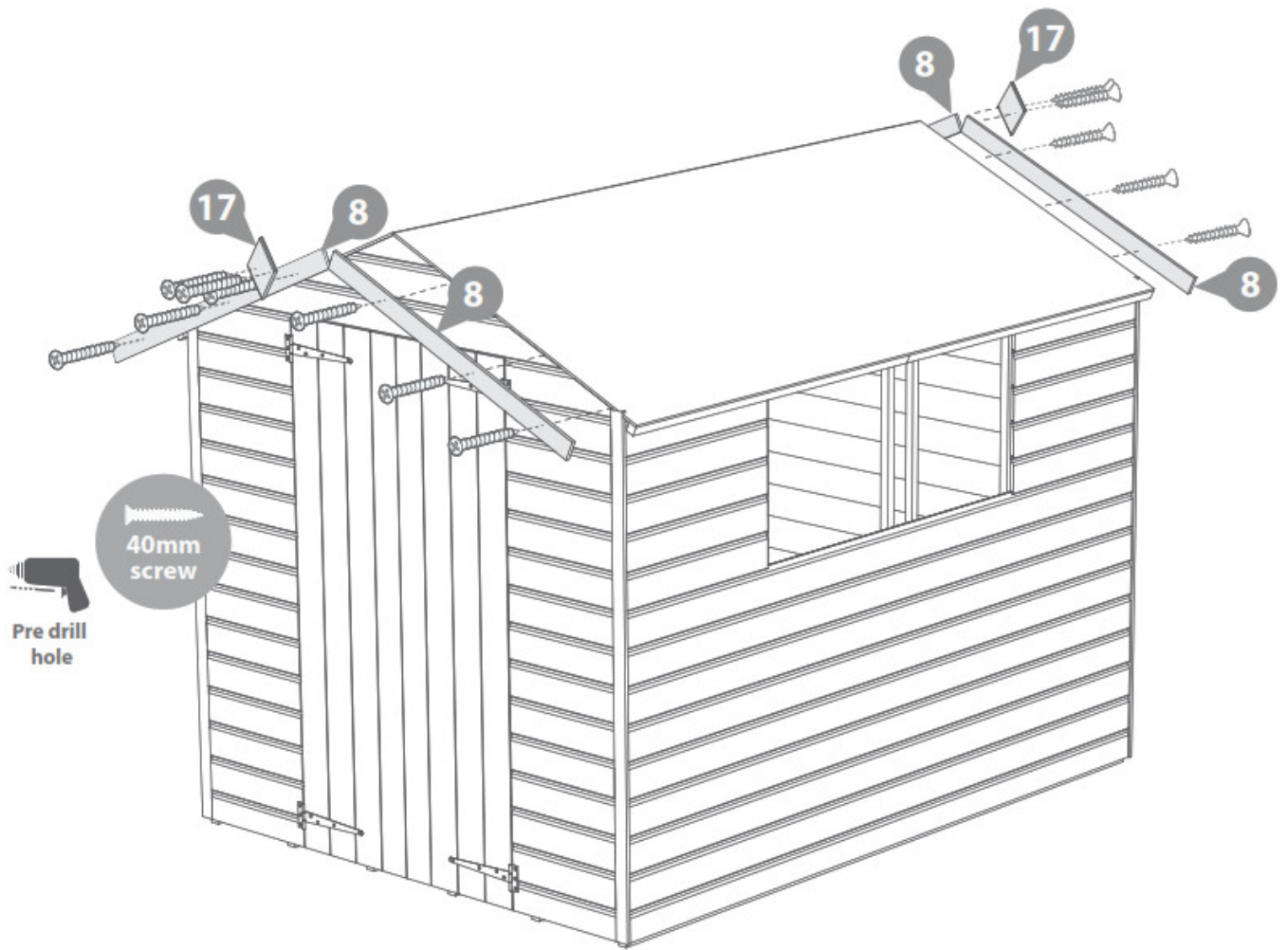
Fit the Cover Trims to the front and back of the building as shown in the illustration using 30mm screws. Trim the length of the cover trims to the required size before fitting if necessary. Pre-drill to avoid splitting.



## Step 9

Attach the fascias 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

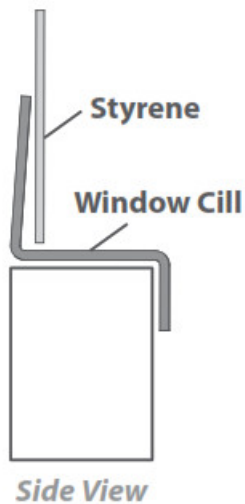


## Step 10

For the no window version go to step 11



## 6x30mm Screws



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.

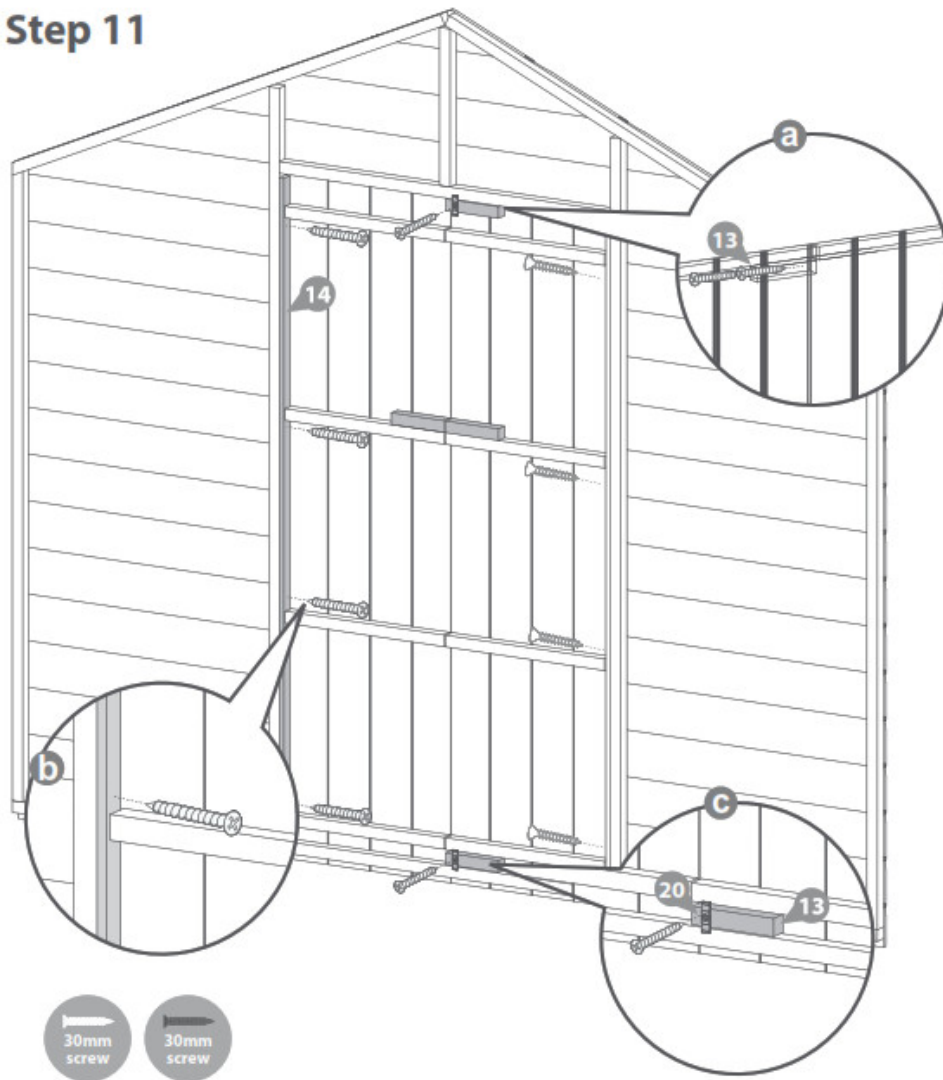
When positioning the styrene sheets ensure there is an equal distance between them and at either side of the windows.

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

## Step 11

## Step 11



a First line up the door blocks at the top and bottom of the doors. Then fix with 2x30mm screws by screwing through the outside of the door into the block.

4x30mm 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 Attach the turn button to the top and bottom door blocks with 1x30mm screw for each one.

**2x30mm Black Screws**

## Step 12

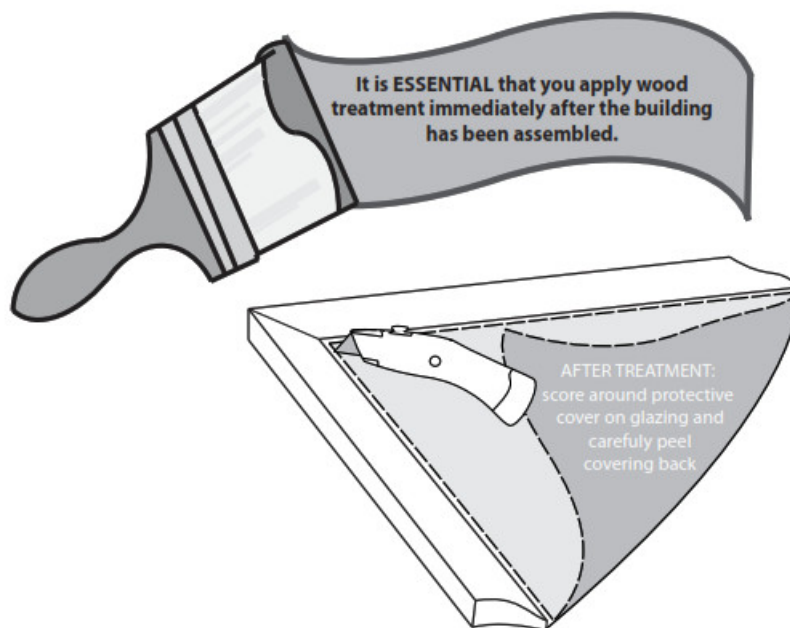
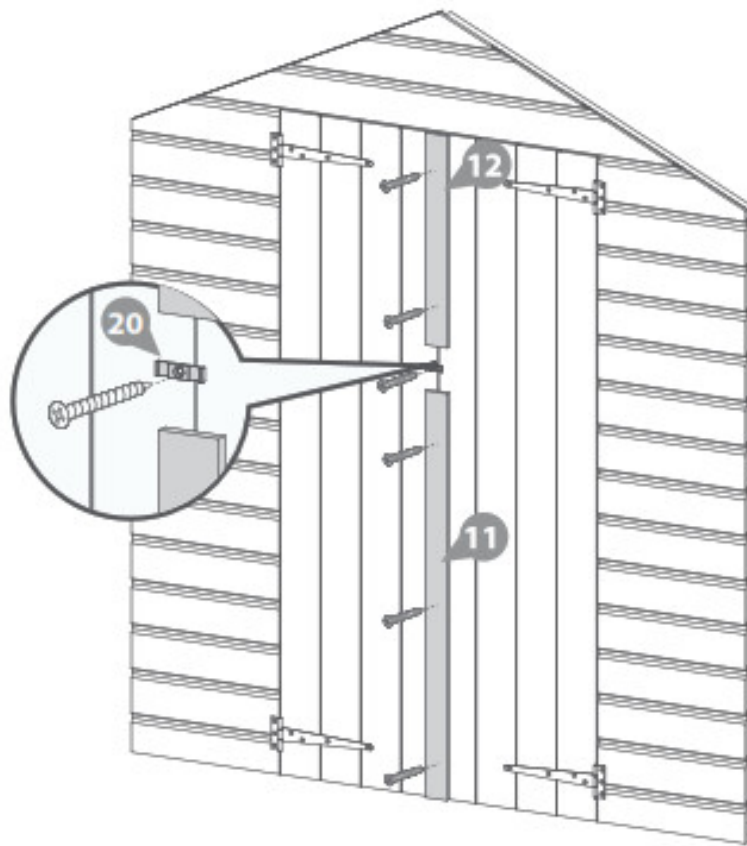
Use 5x20mm screws to fix the door strips to the right hand door.

**Note** – Door Strips must be attached to right hand door

Use 1x30mm black screw to fix the turn button onto the left hand door.

**5 x 20mm Screws**

**1x 30mm Black Screw**



## Documents / Resources



[Mercia Garden OSB Apex](#) [pdf] Instruction Manual  
OSB Apex, 01OSBA0806DDFW-V1, 01OSBA0806DDFW-V1-NW, 8X6

## References

-  [Mercia Garden Products – Merciagardenproducts.co.uk](https://www.merciagardenproducts.co.uk)

Manuals+.