General Instructions

Please retain product label and instructions for future reference

01TDM1006DDFW-V1

10X6 APEX WITH DOUBLE DOOR, FIXED WINDOWS, T&G FLOOR AND SOLID SHEET ROOF

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.

****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,
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Newark,
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NG23 6QN

www.merciagardenproducts.co.uk

01TDM1006DDFW-V1

Overall Dimensions:

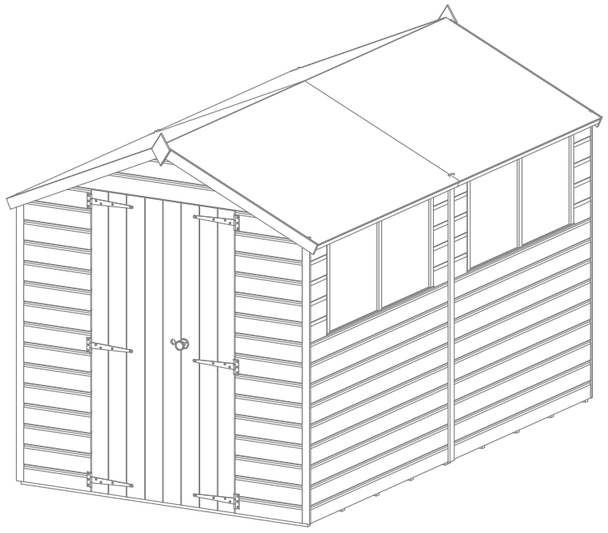
Length = 3028mm
Width = 2484mm
Height = 2121mm

Base Dimensions:

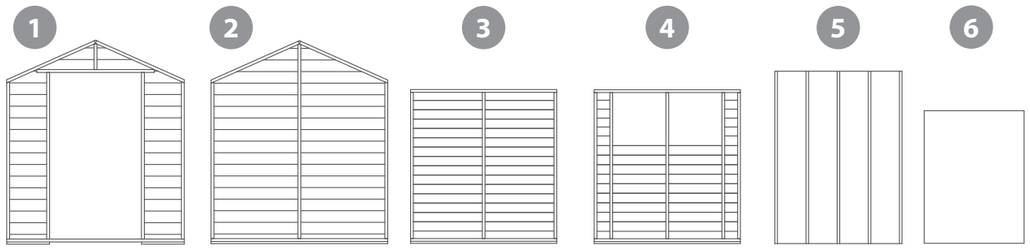
Length = 3016mm
Width = 2414mm

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

MADE IN GREAT BRITAIN



Building content



Door Gable | Back Gable | Plain Side Qty 2 | Window Panel Qty 2 | Floor Qty 2 | Roof Qty 4



7a Master Door



7b Slave Door



8 Ridge Bar - 1735mm Qty 2



9 Truss Frame - 932mm Qty 2



10 Truss Support - 450mm Qty 1



11 Truss Block - 140mm Qty 2



12 Fascia -1016mm Qty 4



13 Cover Trim - 1575mm Qty 6



14 Eaves Frame - 1502mm Qty 4



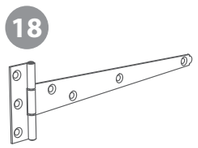
15 Window Strip - 546mm Qty 10



16 Finial Qty 2



17 Felt



18 T Hinge Qty 6



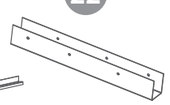
19 L-Bracket Qty 2



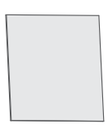
20 Turn Button Qty 4



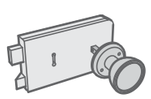
21 Plastic Window Cill Qty 2



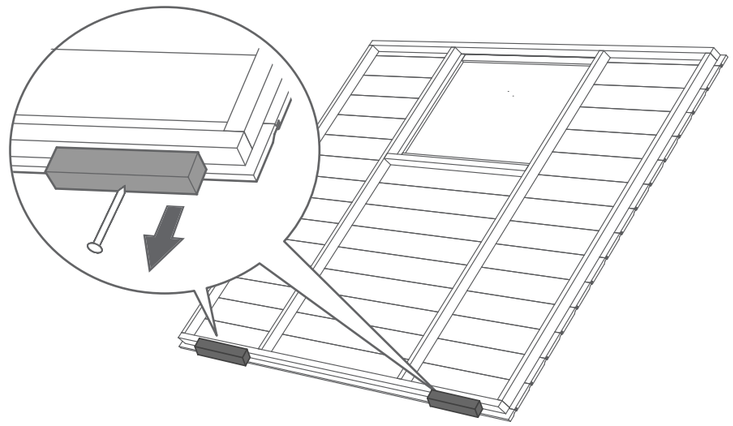
22 U Channel



23 Styrene Qty 4



24 Rim Lock



Pre Assembly

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

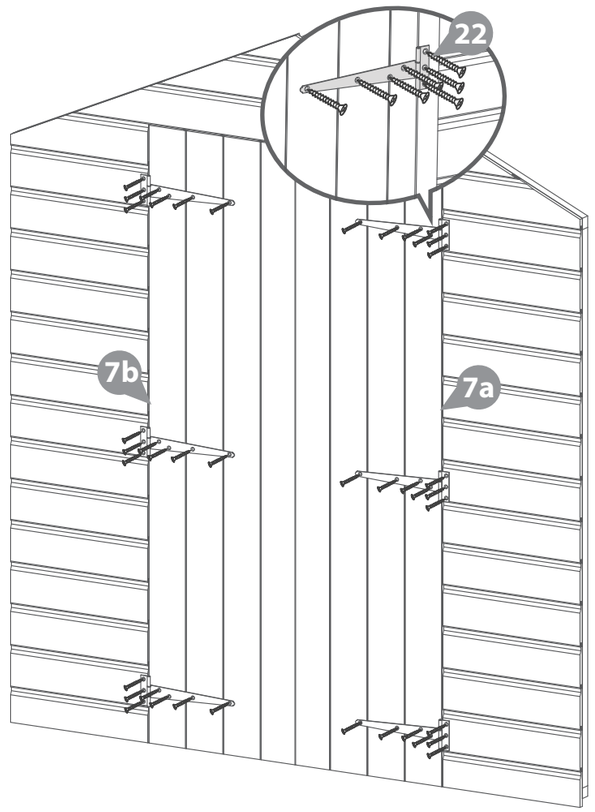
Fix the T Hinges onto the doors and door frame as shown. Ensure that the screws go through the cladding and into the framing behind.

42 x30mm screws

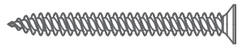




Pre drill hole



Nail Bag



40mm Screw x 82



50mm Screw x 30



60mm Screw x 26



Felt Tacks x 120



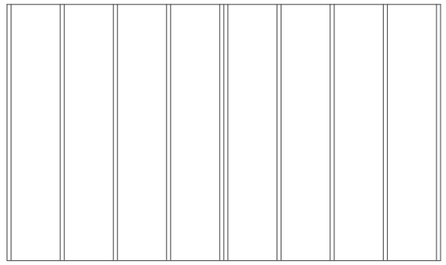
30mm Screw x 114



30mm Black Screw x 4

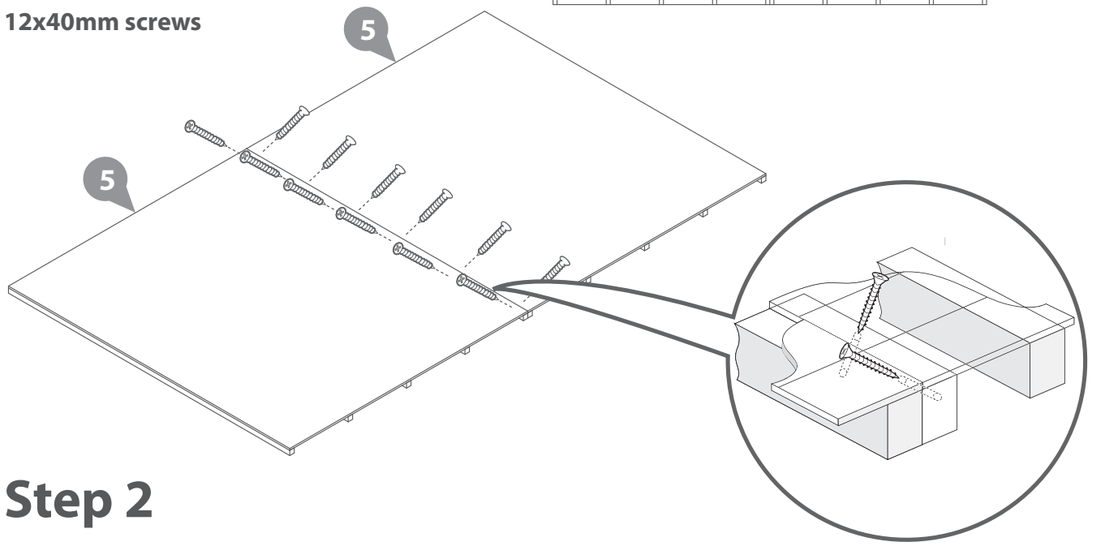
Step 1

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 40mm screws

12x40mm 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. 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

6x50mm Screws





Pre drill hole

Step 3

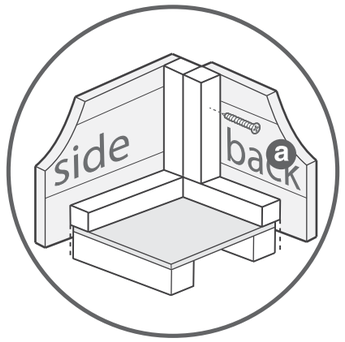
Fix the corners with 50mm screws as shown in diagram.

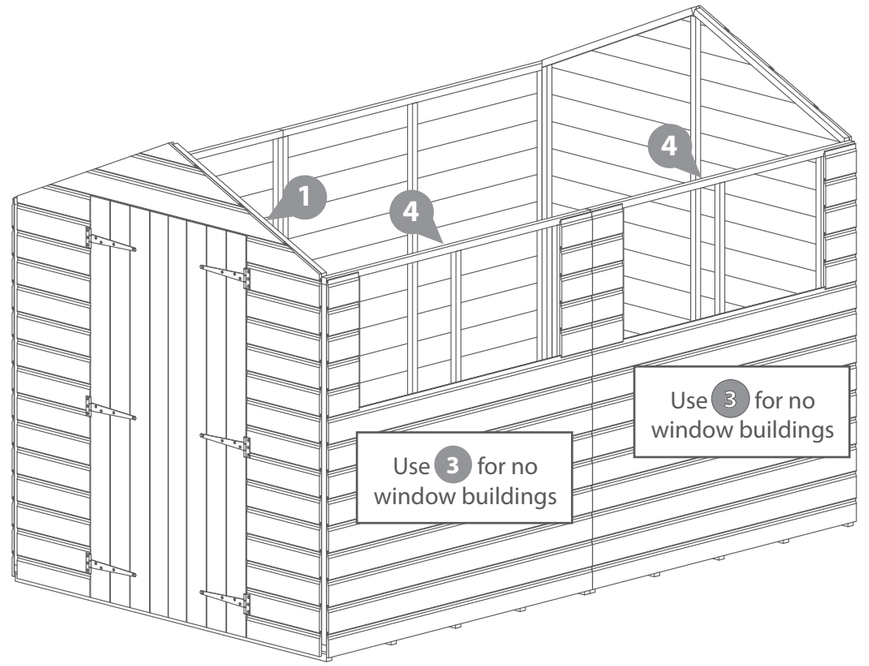
12x50mm Screws





Pre drill hole





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.

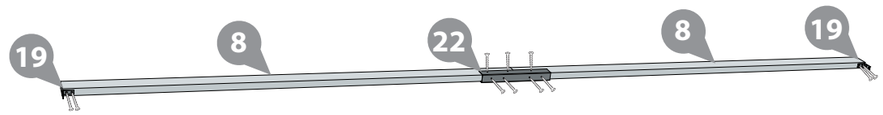
Place the roof support bar in between the front and back panels. Ensure the top corners of the support bar are flush with each top point. Secure in place using the L Bracket on each end with 4x30mm screws.

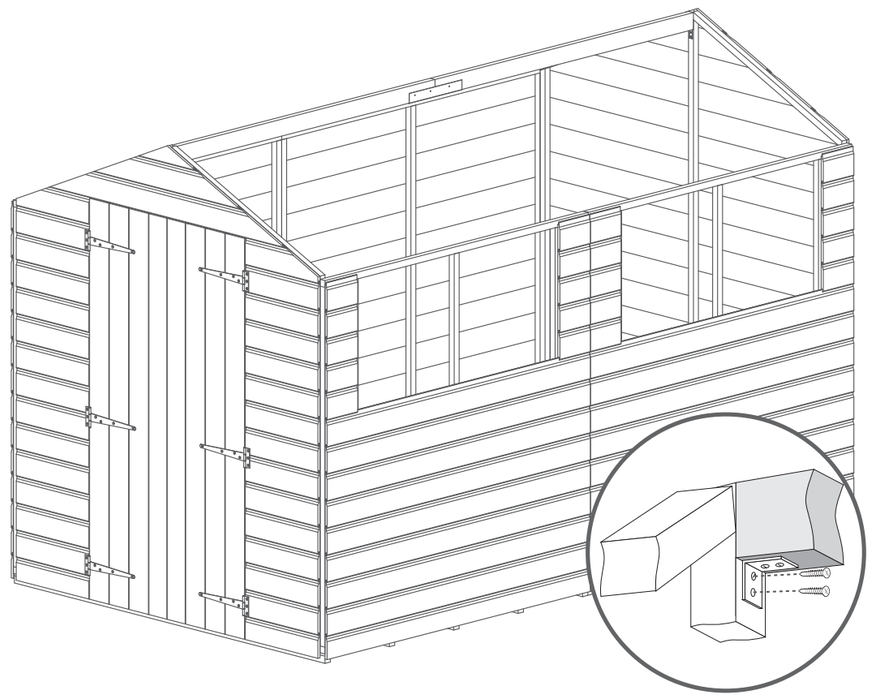
18x30mm Screws





Pre drill hole



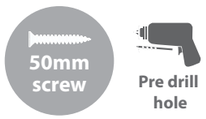


Step 5

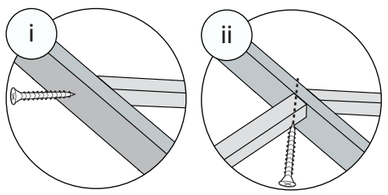
i)Position a truss frame to the ridge bar sloping down towards the building side, ensure it is central to the middle upright of the panel. Fix with a 50mm screw through the ridge bar into the truss frame.

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.

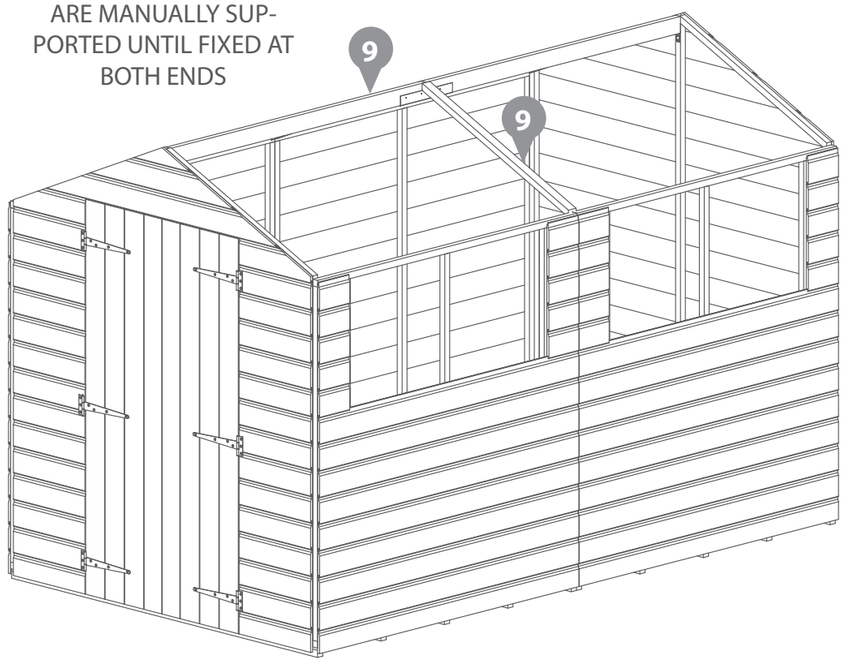
4x50mm Screws



Pre drill hole



ENSURE SUPPORT BARS ARE MANUALLY SUPPORTED UNTIL FIXED AT BOTH ENDS



Step 6

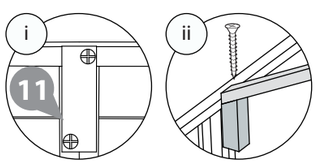
i) Fix the truss block to the side panel framing with 2 x 50mm screws. Position the block at the top of the framing with the angle pointing upwards into the building, aligning the block centrally along the join between the side panels with one screw in each panel.
ii) Fix the support bar to the block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

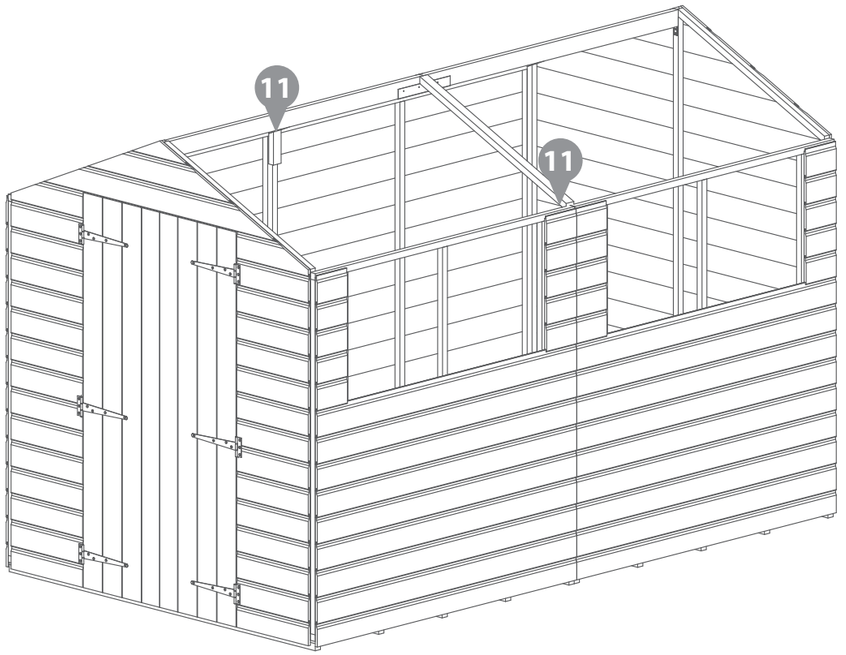
6x50mm Screws





Pre drill hole





Step 7

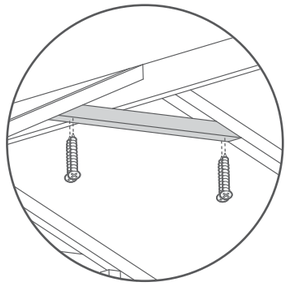
Fix a Truss support between the two truss frames and fix in place using 40mm screws, ensure you pre-drill holes before fixing together.

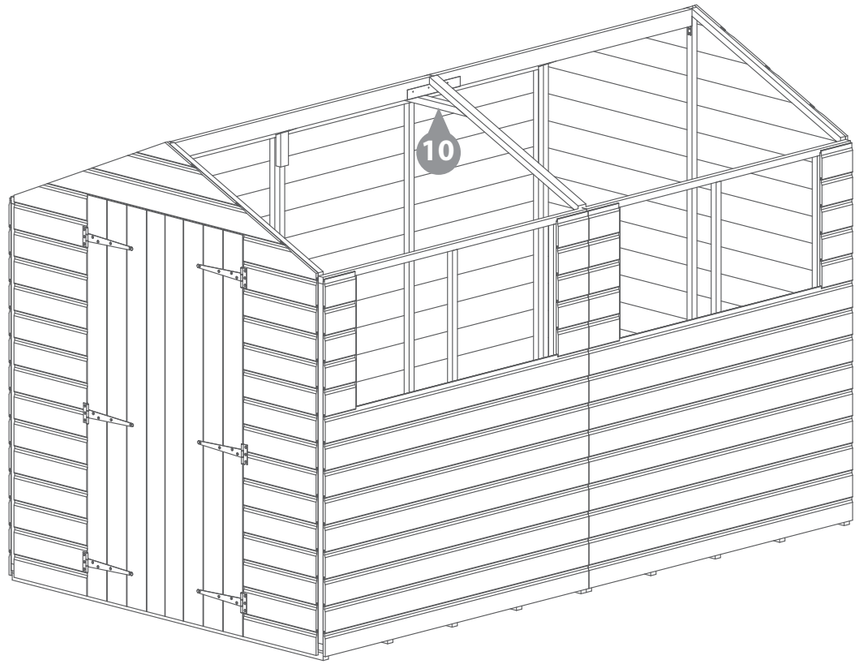
4x40mm Screws





Pre drill hole





Step 8

a Fix the eaves frame to the roof sheet using 4x30mm screws for each sheet.

8x30mm Screws

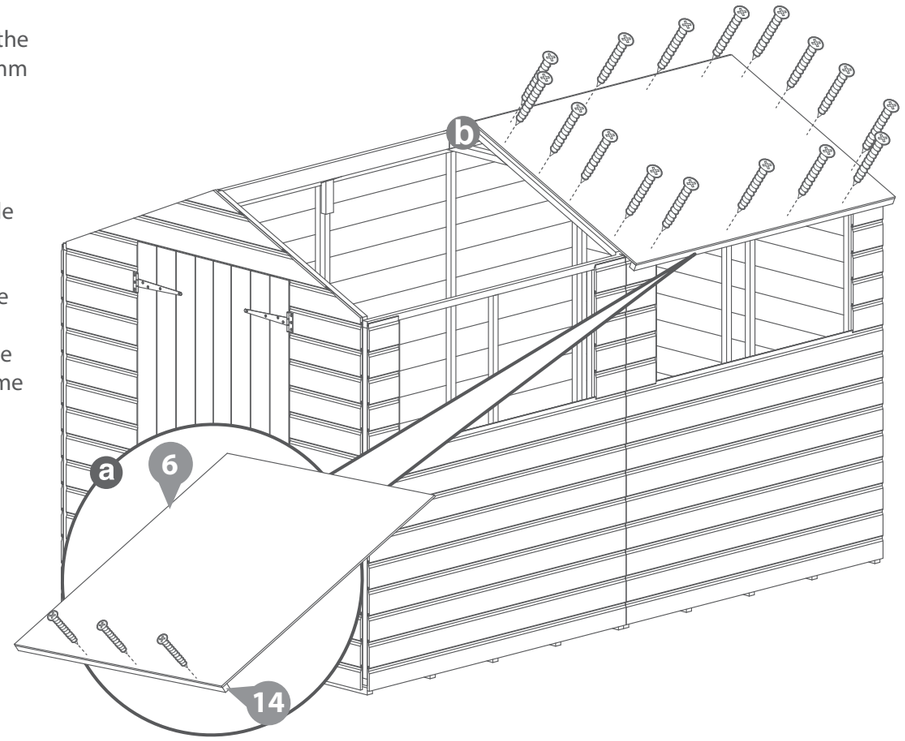
b Place two roof sheets ontop of the plain gable and truss.
Before fixing the roof sheet to the truss frame make sure the edge of the roof sheet sits in the middle of the truss frame then fix using 40mm screws.

32x40mm Screws





Pre drill hole

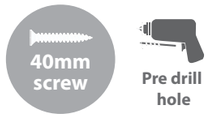


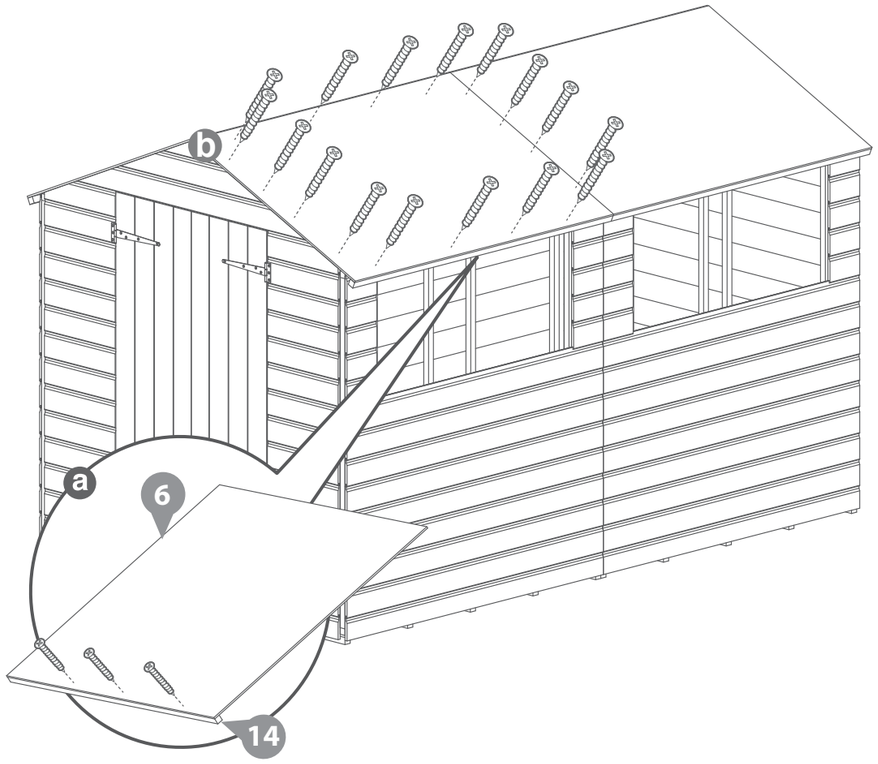
Step 9

a Fix the eaves frame to the roof sheet using 4x30mm screws for each sheet.
8x30mm Screws

b Place two roof sheets ontop 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.

32x40mm Screws

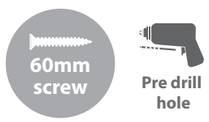


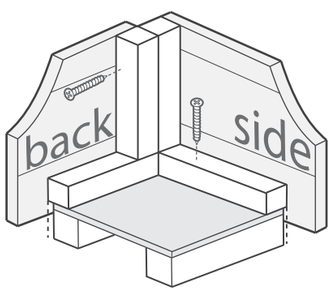


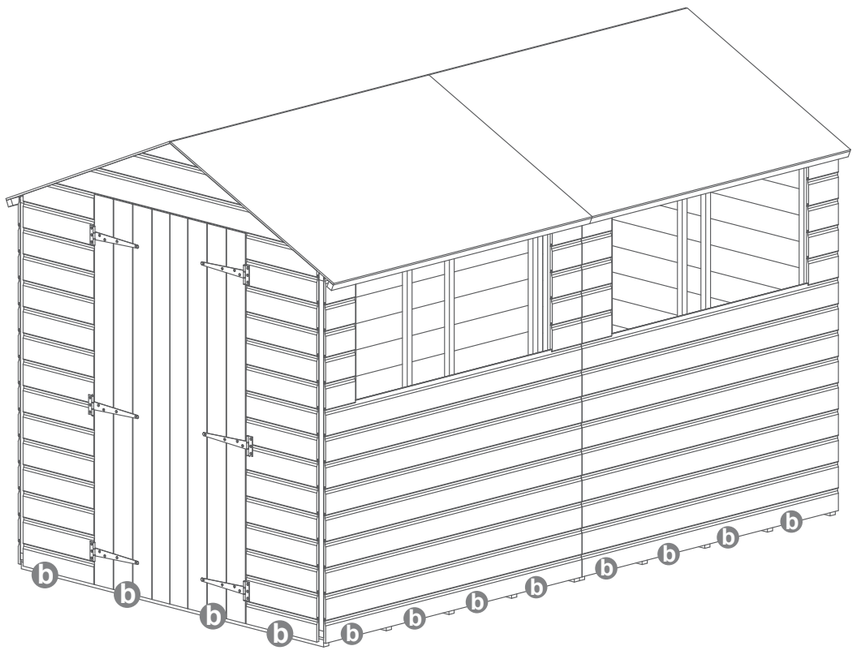
Step 10

Once the roof is fixed attatch the building to the floor with 60 mm screws.

24 x 60mm Screws







Step 11

Cut out three strips of 3104mm felt and place onto the roof.

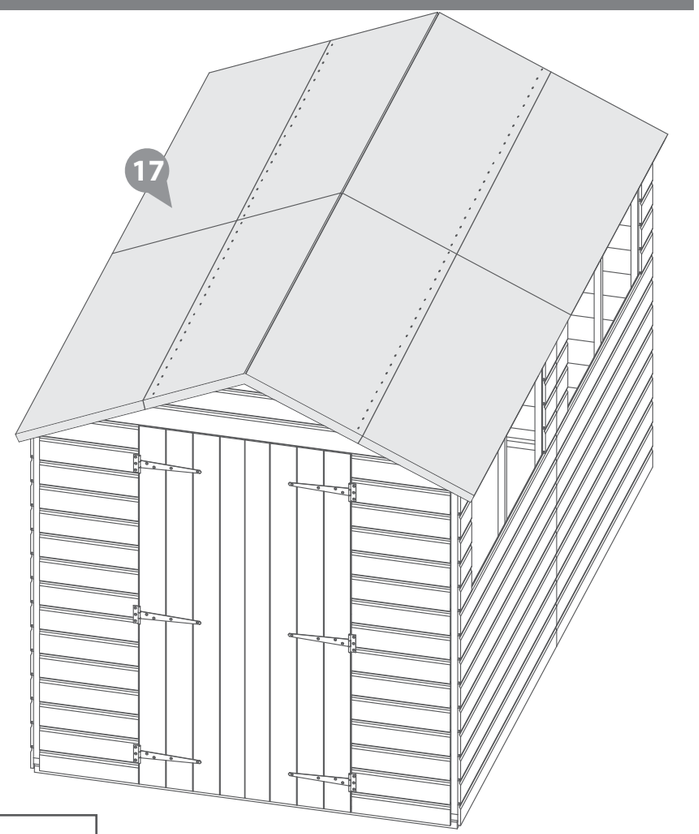
Place the felt flat onto the roof in the order that is stated on the diagram below.

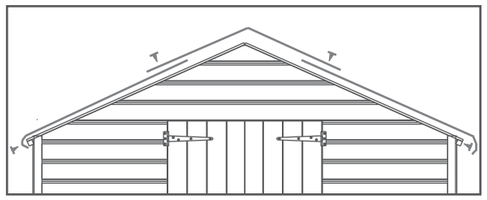
Once the sheets are laid out fix them onto the roof with tacks 100mm apart.

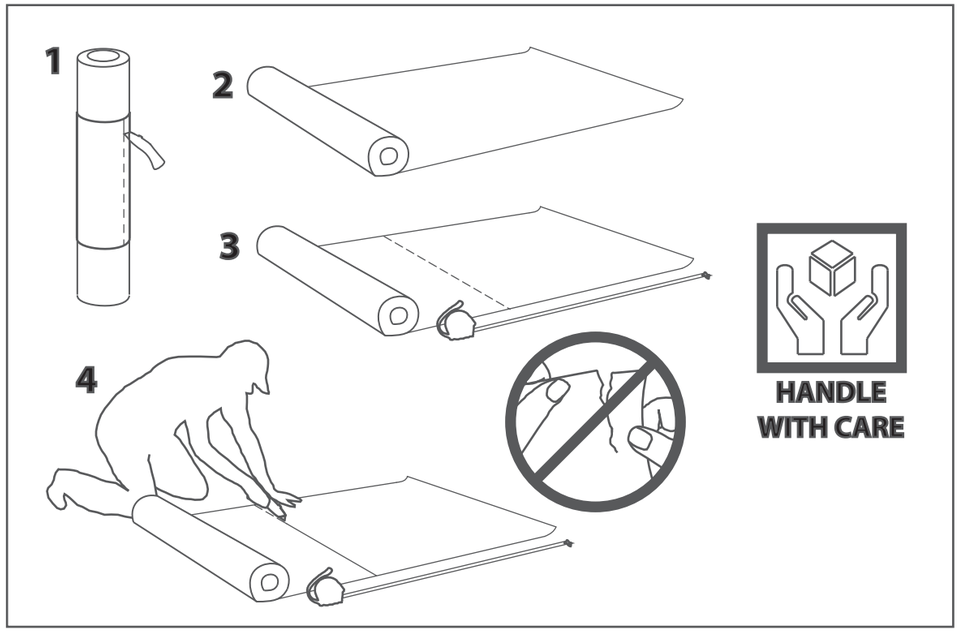
120 x Tacks











Step 12

Fit the cover trims to the building and secure in place with 30mm screws as shown.
Pre drill to avoid splitting.

18x30mm Screws

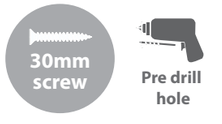


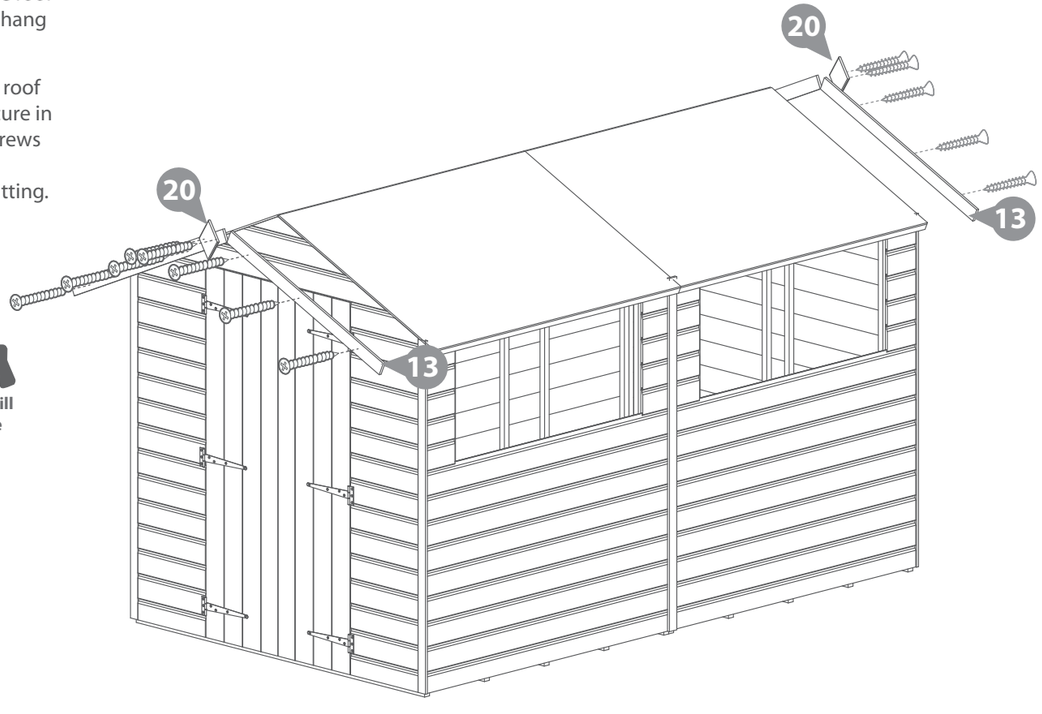
Step 13

Attatch faisca's to the roof leaving a slight overhang at the top.

Fit the fascias to the roof over the felt and secure in place with 30mm screws as shown.
Pre drill to avoid splitting.

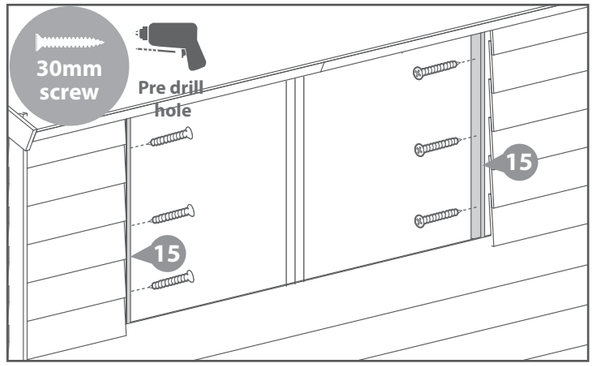
16x30mm Screws

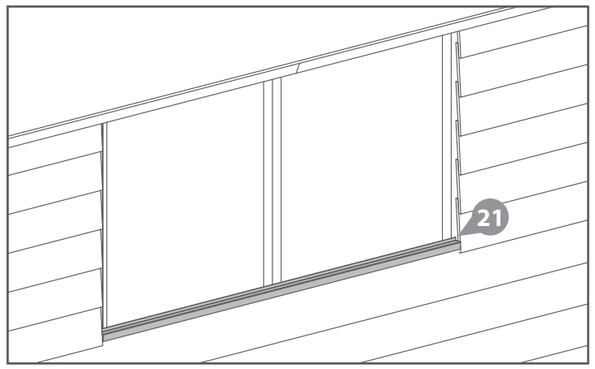


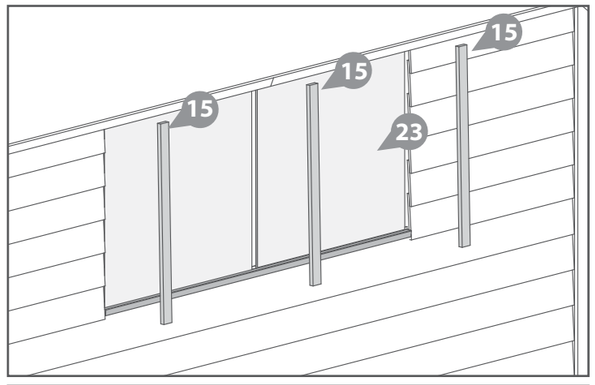


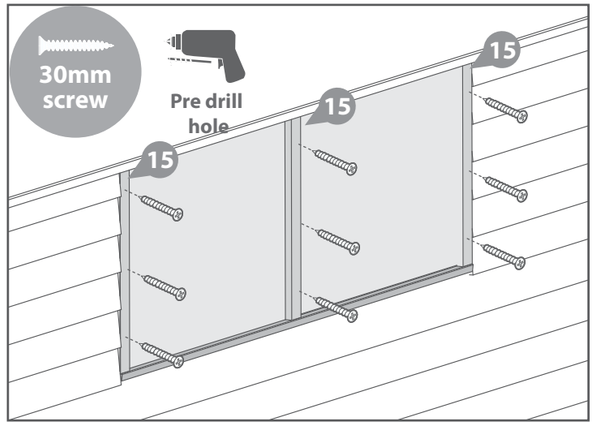
Step 16

For the no window version go to step 11



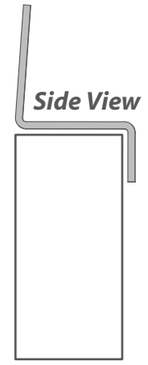






Fix the window strips to the two pieces of framing that sit alongside the outside edges of the window with 3x30mm screws for each strip.

6x30mm Screws



Place the plastic window cill onto the Window Panel in the same way 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

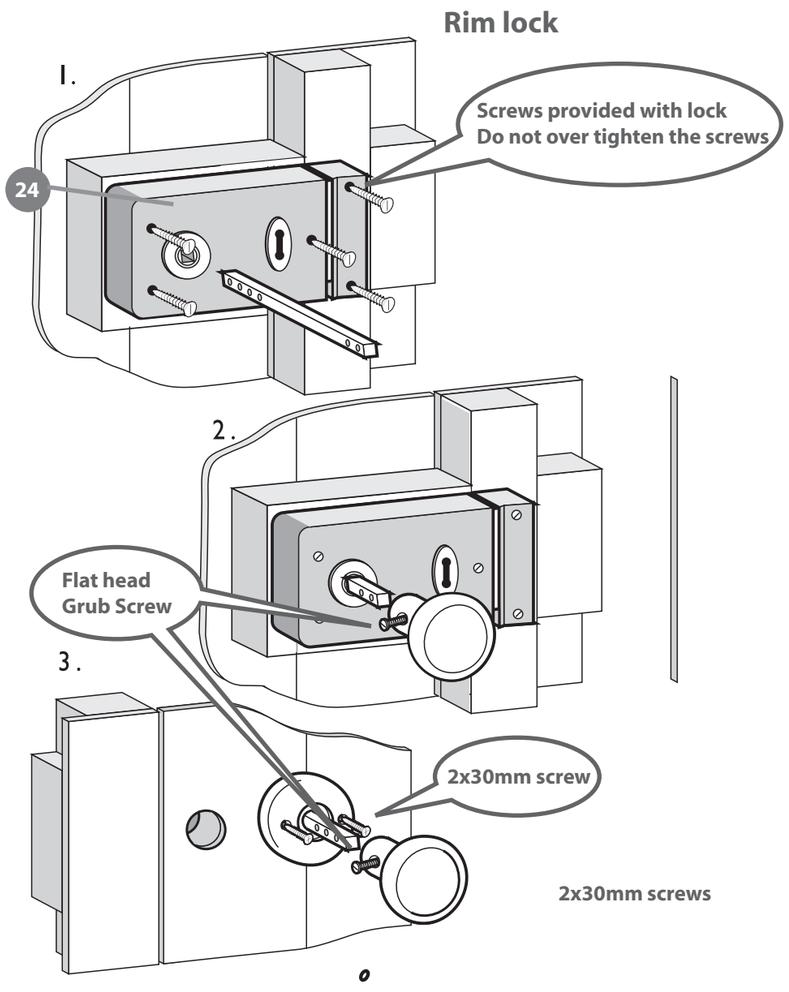
Step 11

Rim lock fixing

Fig 1. (internal view)
Place the lock onto internal horizontal framing ensure alignment with the pre drilled holes before fixing. Align Lock keep with lock and fix with screws provided. **Do not over tighten the screws, otherwise the locking mechanism will not work.**

Fig 2.
Place door handle bar through the lock as in diagram, fix door handle onto bar with the flat headed grub screw.

fig 3. (External view)
Fir the door handle cover over the bar and fix with 2x30mm screws provided. Fix the door handle onto bar with the flat headed grub screw as in diagram.



Step 12

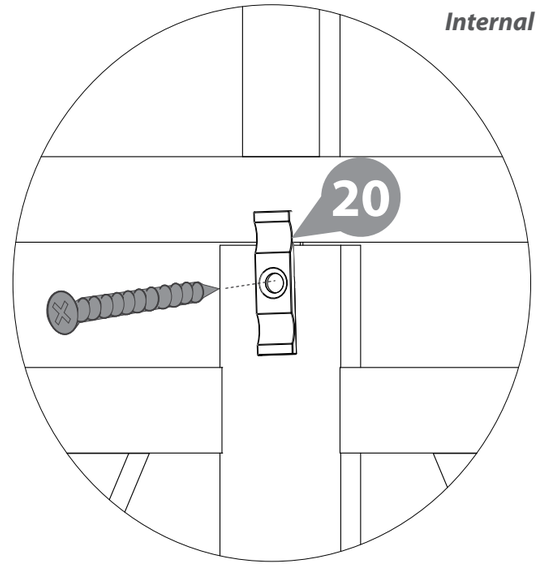
Fix the turn buttons onto the slave door using 1x30mm Black Screw per button.

2x30mm Black Screws





Internal View



Step 13

Fix the Turn Button onto the door gable using 1x30mm black screw for each one.

2x 30mm Black Screw



