

General Instructions

Please retain product label and instructions for future reference

01OVLPA1208DDFW-V1 & 01OVLPA1208DDFW-V1-NW
12X8 OVERLAP APEX 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.

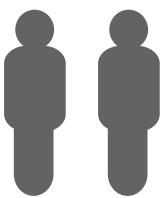
Ensure the base is level and is built on firm ground, to prevent distortion. Refer to diagrams for the base dimensions, The base should be slightly smaller than the external measurement of the building, i.e. The cladding should overlap the base, creating a run off for water. It is also recommended that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



x2

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, aqueous 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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01OVLPA1208DDFW-V1 & 01OVLPA1208DDFW-V1-NW

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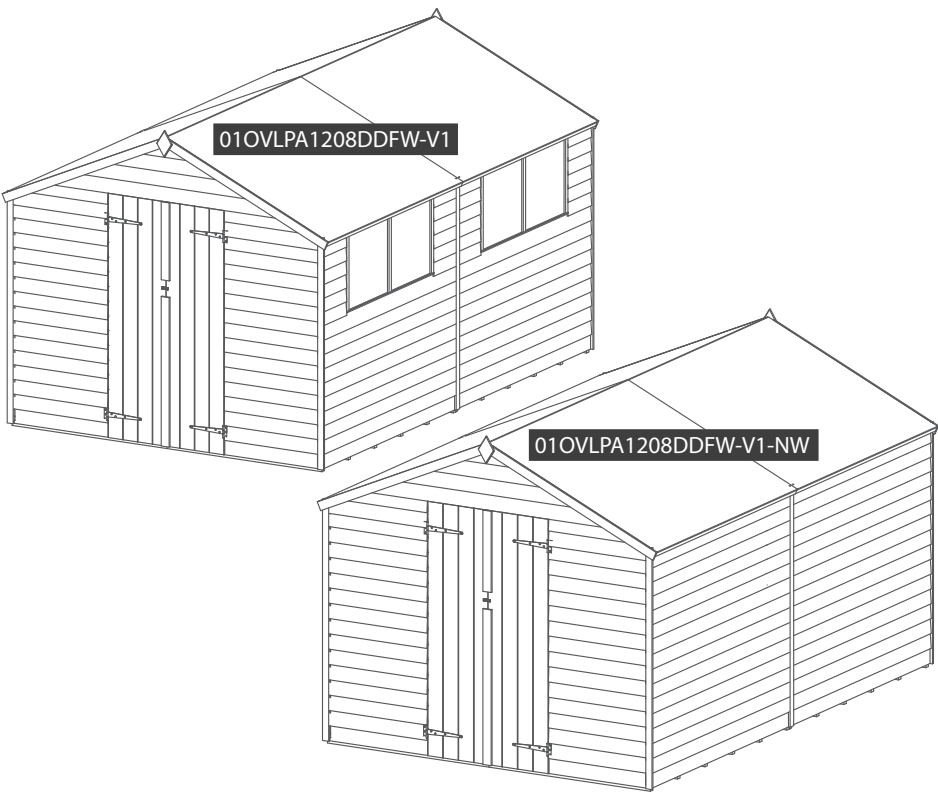
Overall Dimensions:

Length = 3574mm
Width = 2484mm
Height = 2121mm

Base Dimensions:

Length = 3506mm
Width = 2414mm

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



Building Content:

- 1
- Door Gable QTY1
AI-01OVLPGD2310X2089-V1
- 2
-

Plain Gable QTY 1
AI-01OVLPPG2310X2089-V1

3

Plain Side QTY 2
(QTY 4 NW ONLY)
AI-01OVLPPS1567X1770-V1

4

Window Side QTY 2
(FW ONLY)
AI-01OVLPSW1763X1567-V1

5

Floor QTY 4
AI-01OVLFP1753X1175-V1

6

Roof QTY 4
PI-03-0229

7

Door QTY 2
AI-01MBDR1660X439-V1

8

Ridge Bar - 27x70x1735mm QTY 2
F2770-1735mm

9

Truss Frame - 27x44x1262mm QTY 6
F2744-1302mm (1262mm finished length)

10

Truss Support - 27x44x450mm QTY 3
F2744-490mm (450mm finished length)

11

Truss Block - 27x44x140mm QTY 6
F2744-160mm (140mm finished length)

12

Door Block - 28x28x140mm QTY 2
F2828-140mm

13

Fascia -12x60x1333mm QTY 4
S1260-1333mm

14

Door Strip - 12x60x1016mm QTY 1
S1260-1016mm

15

Door Strip - 12x60x530mm QTY 1
S1260-530mm

16

Cover Trim - 12x45x1575mm QTY 6
S1245-1575mm

17

Door Beading Strip - 12x28x1590mm QTY 2
S1228-1590mm

18

Eaves Frame - 28x28x1775mm QTY 4
F2828-1775mm

19

Window Strip - 12x30x546mm QTY 10 (FW ONLY)
S1230-546mm

20

Floor Blocks - 28x28x400mm QTY 6
F2828-400mm

21

Finial QTY 2
DIAMOND SHED FINIAL

22

T Hinge QTY 4
PI-02-1043

23

Felt

24

L-Bracket QTY 2
PI-07-0012

25

Plastic Window Cill
QTY 2 (FW ONLY)
PI-08-0013

26

Turn Button QTY 3
PI-07-0034

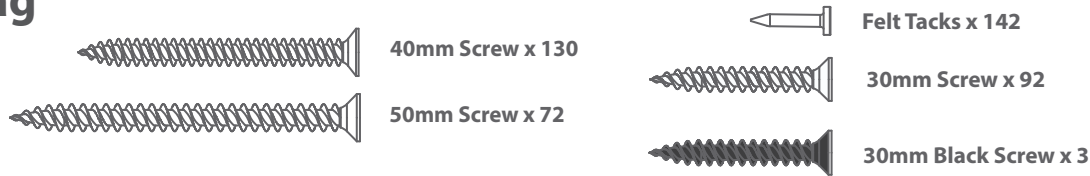
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U Channel QTY 1
PI-07-0013

28

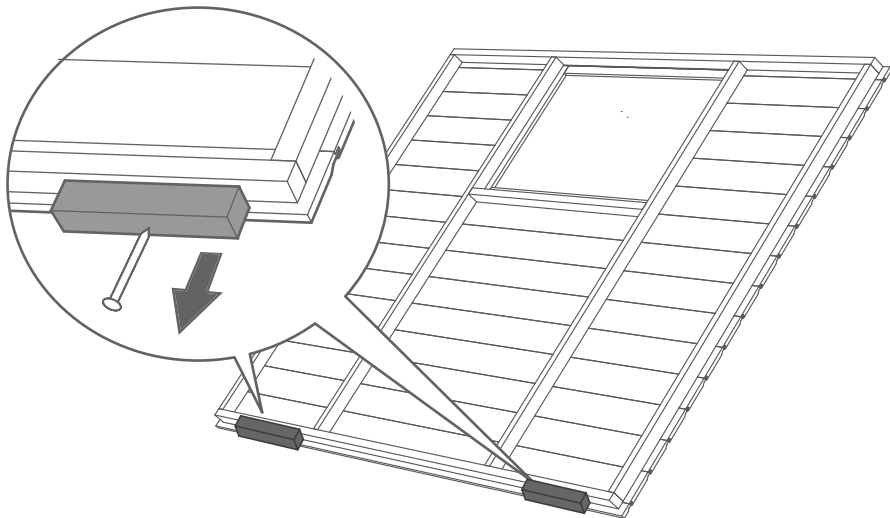
Styrene QTY 4 (FW ONLY)
PI-05-0114

Nail Bag



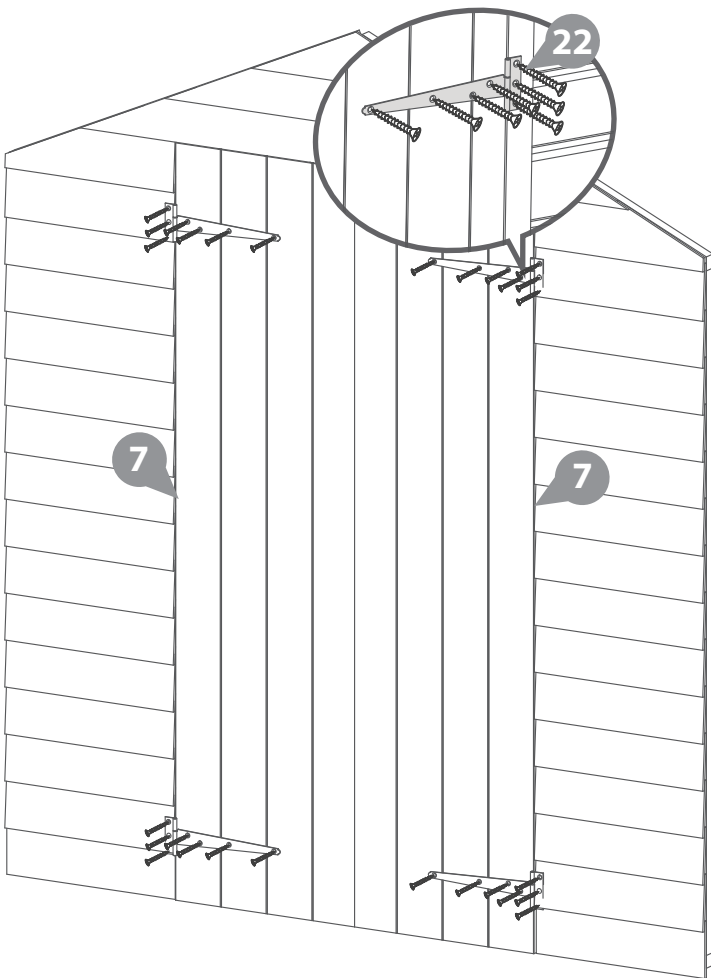
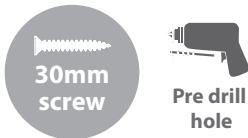
Pre Assembly

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



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



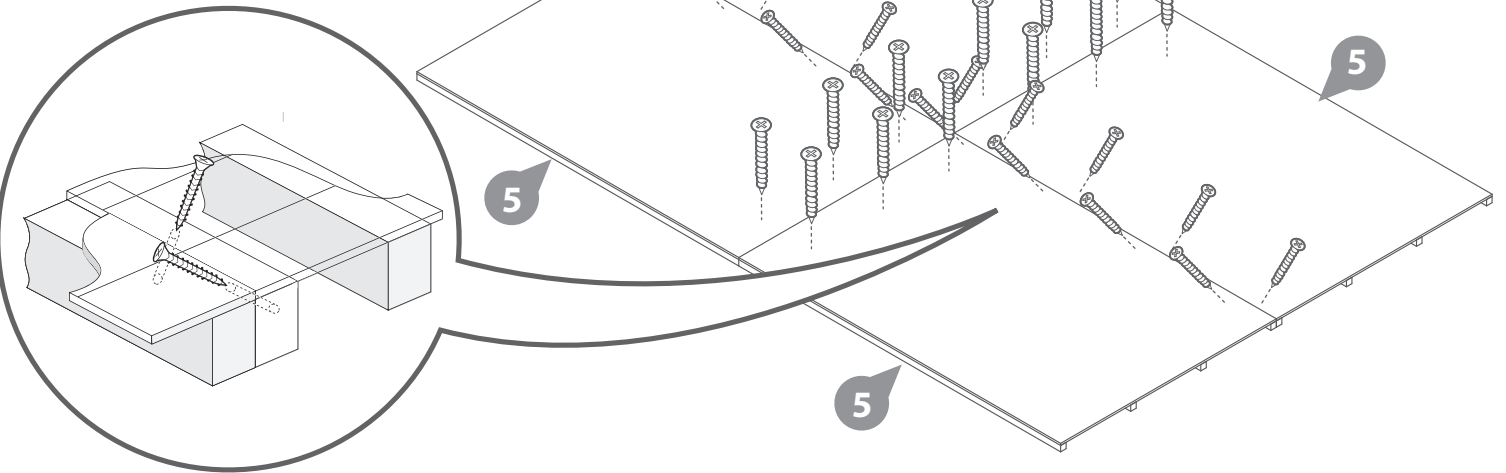
Step 1

Place 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 40mm screws and the floor blocks.

Screw the floor blocks to floor using 2x40mm screws per block screwing through the floor into the floor blocks.

28x30mm screws

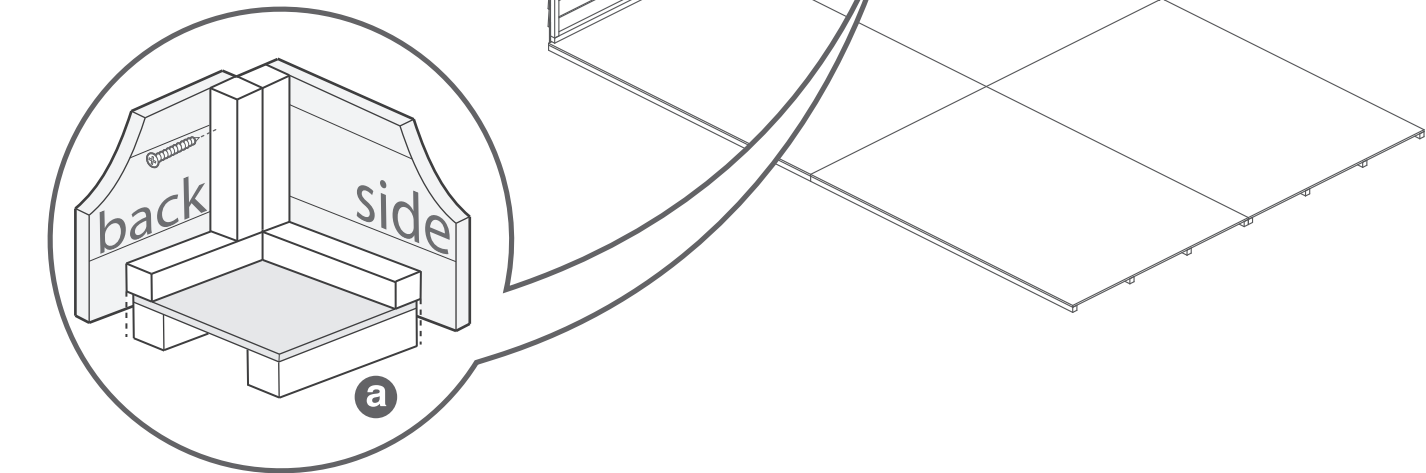
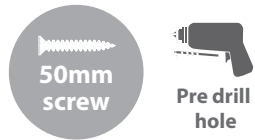


Step 2

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

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

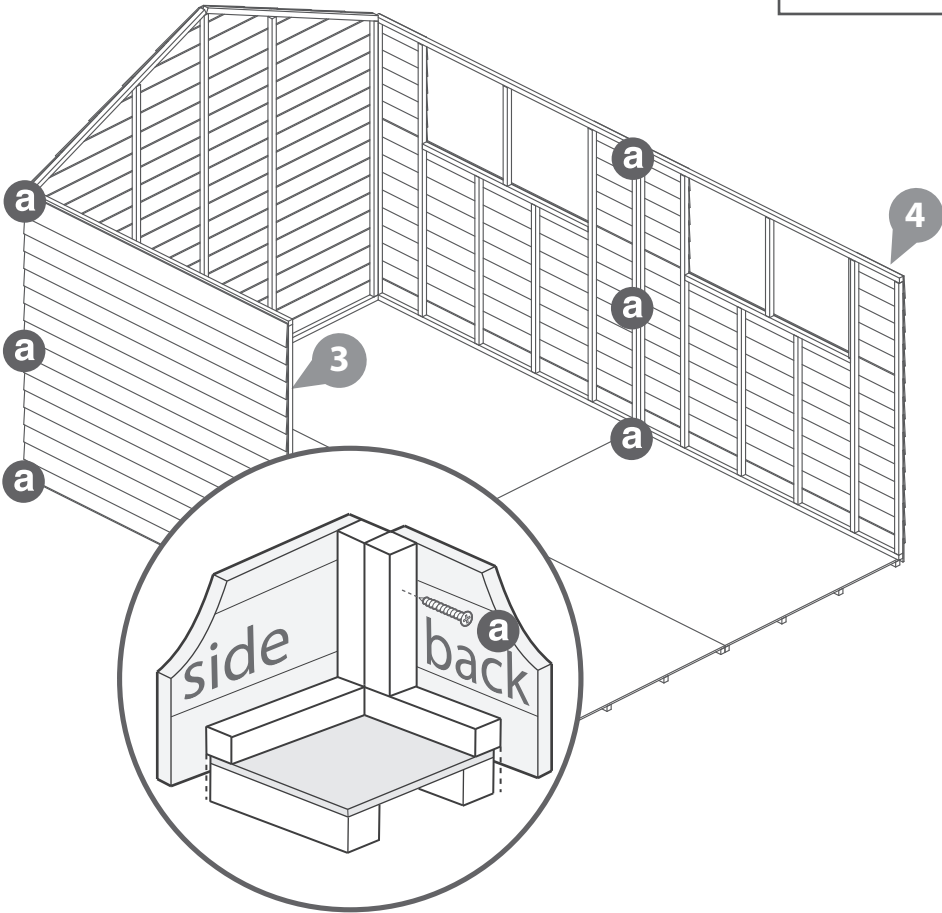
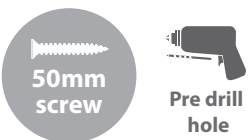
3x50mm Screws



Step 3

Fix the remaining plain side and a window side at the corners with 50mm screws as shown in diagram.

6x50mm Screws

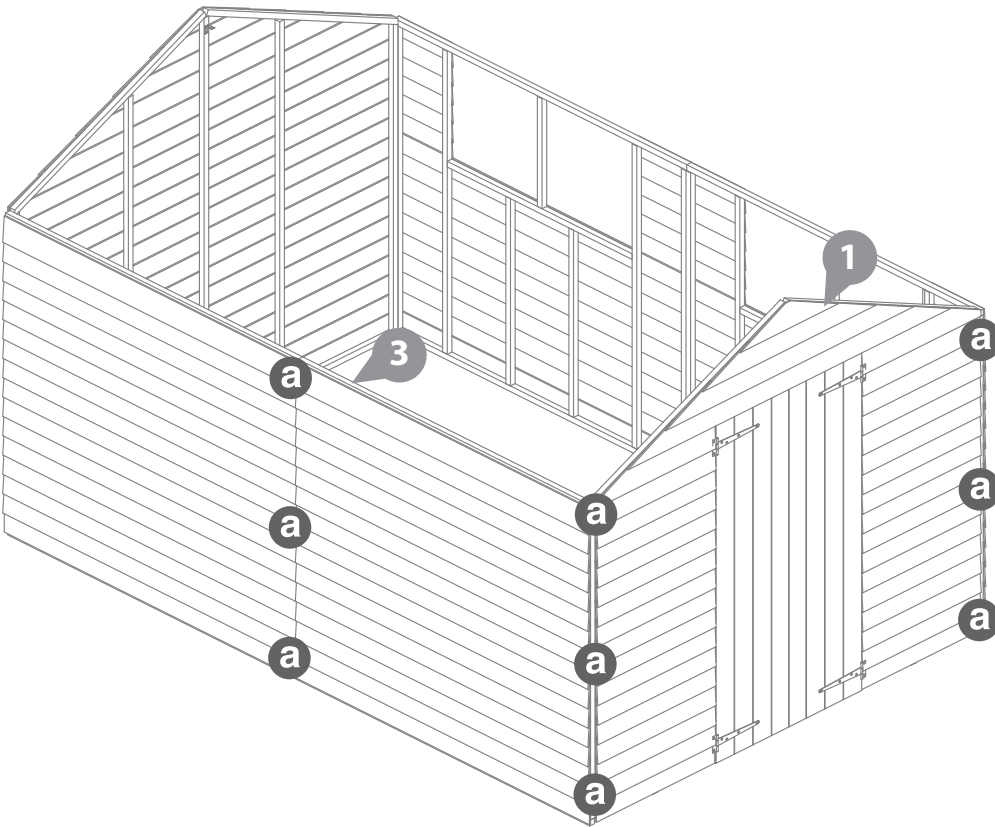
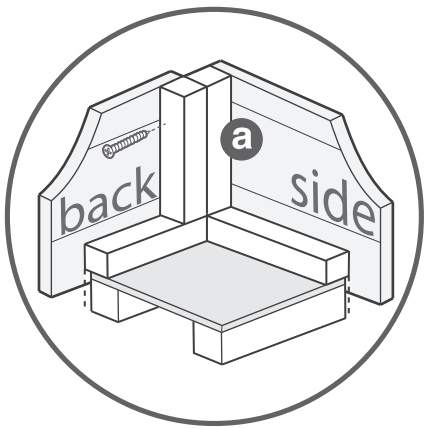
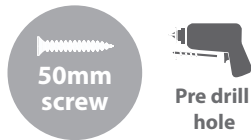


Use **3** for no window buildings

Step 4

Fix the remaining window side and the door gable at the corners with 50mm screws as shown in diagram.

9x50mm Screws



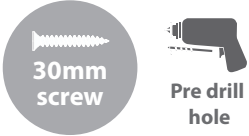
Step 5

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

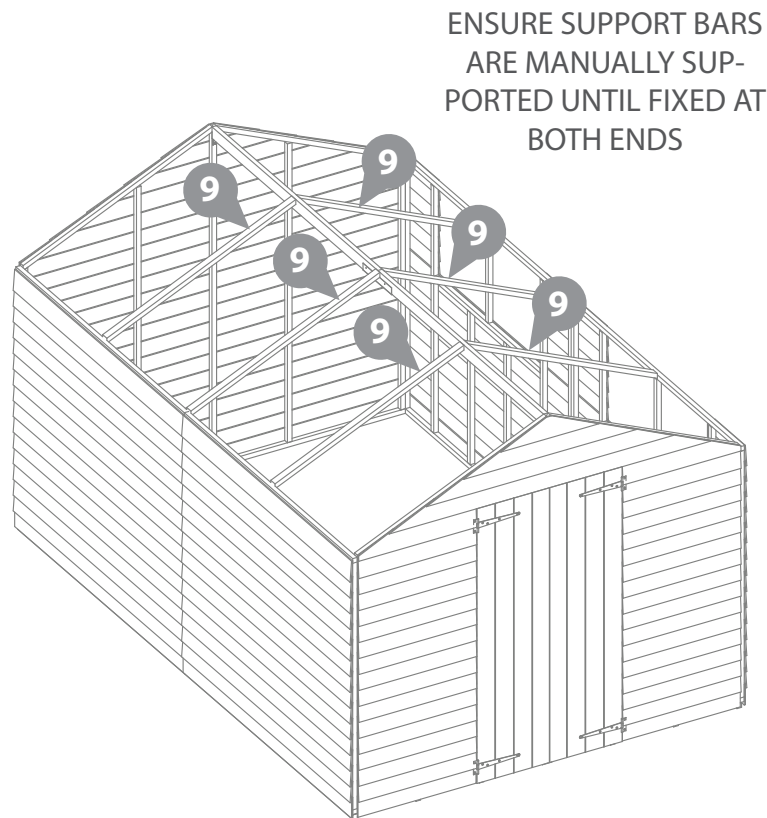
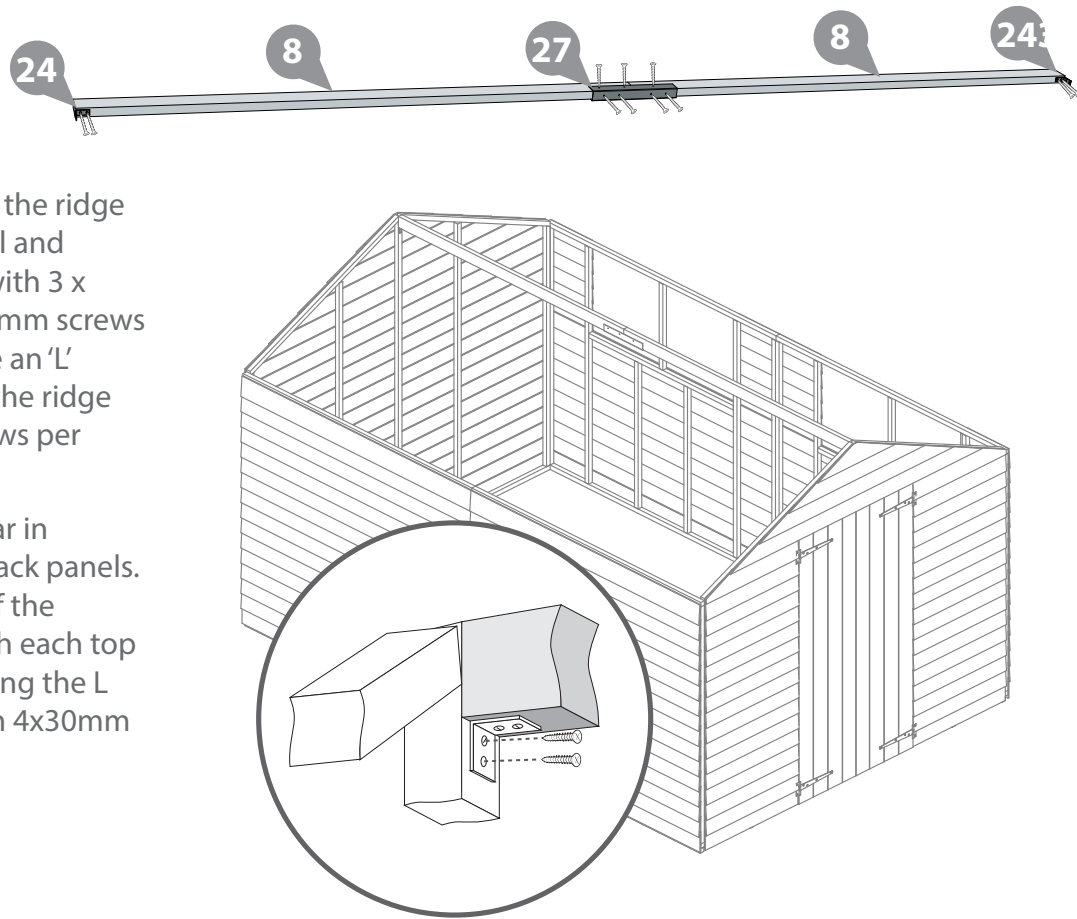
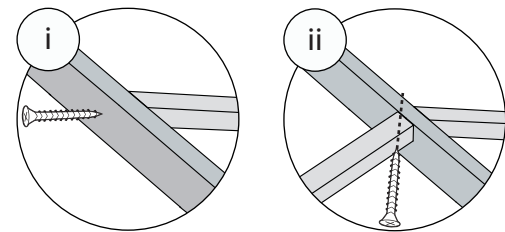


Step 6

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.

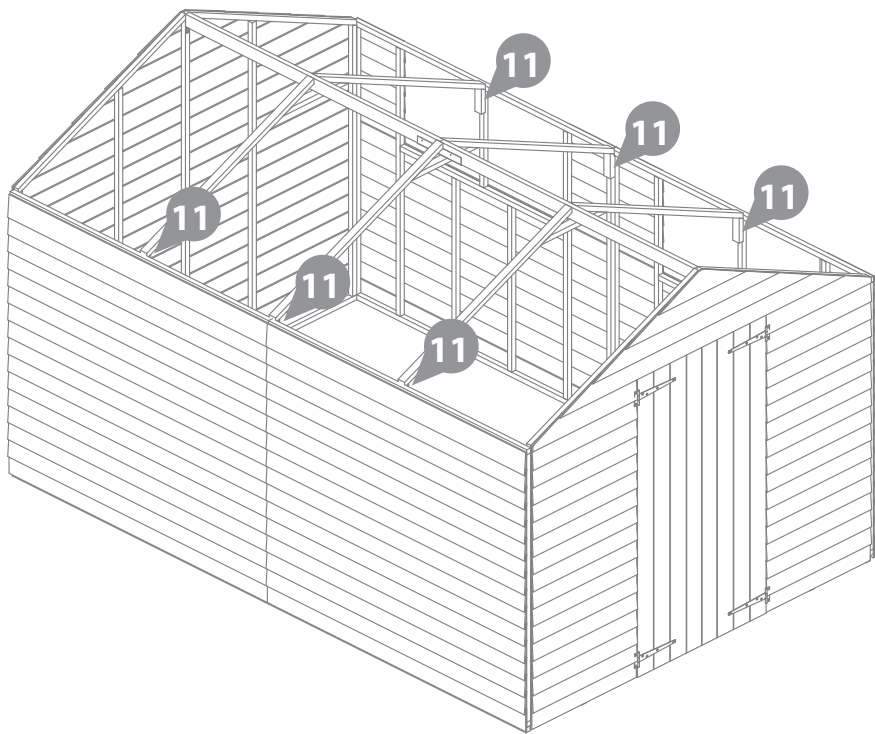
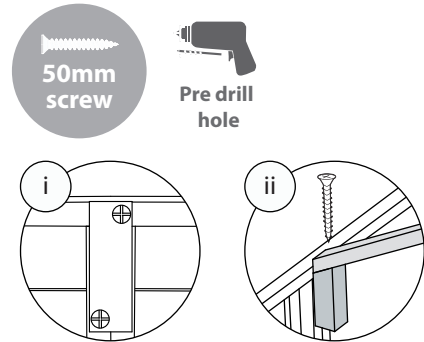
4x50mm Screws



Step 7

- 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.

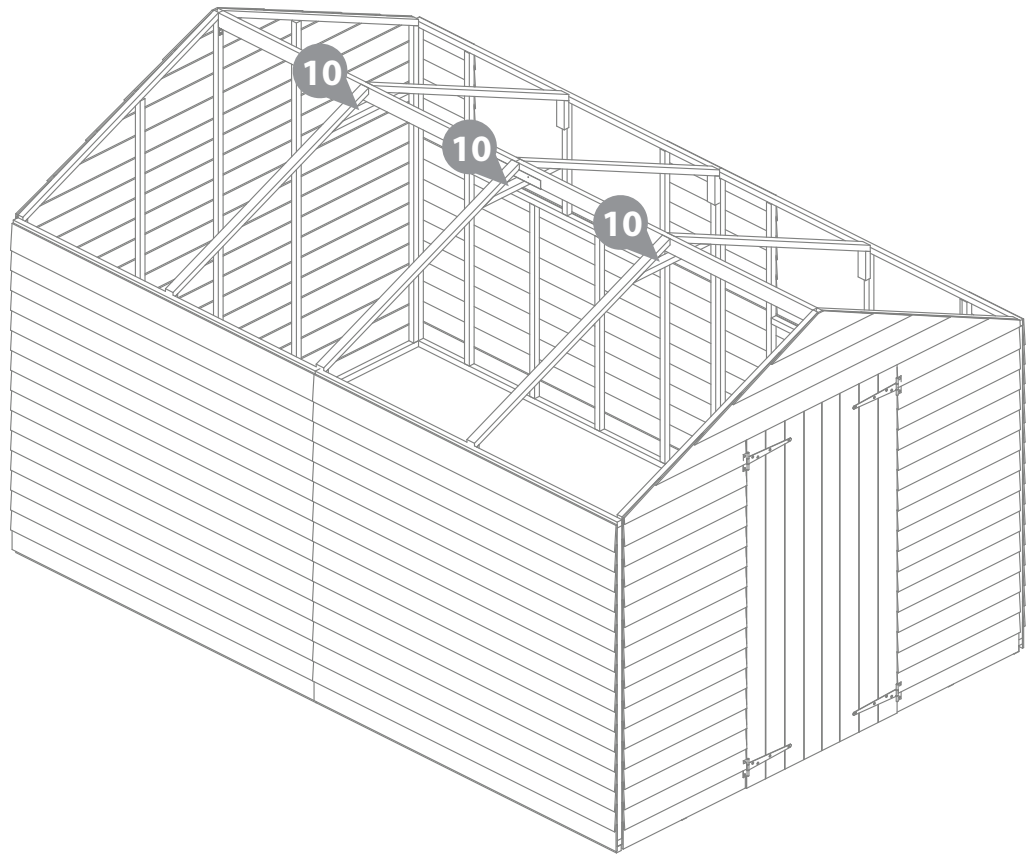
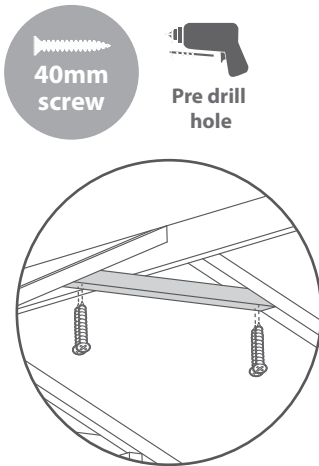
6x50mm Screws



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



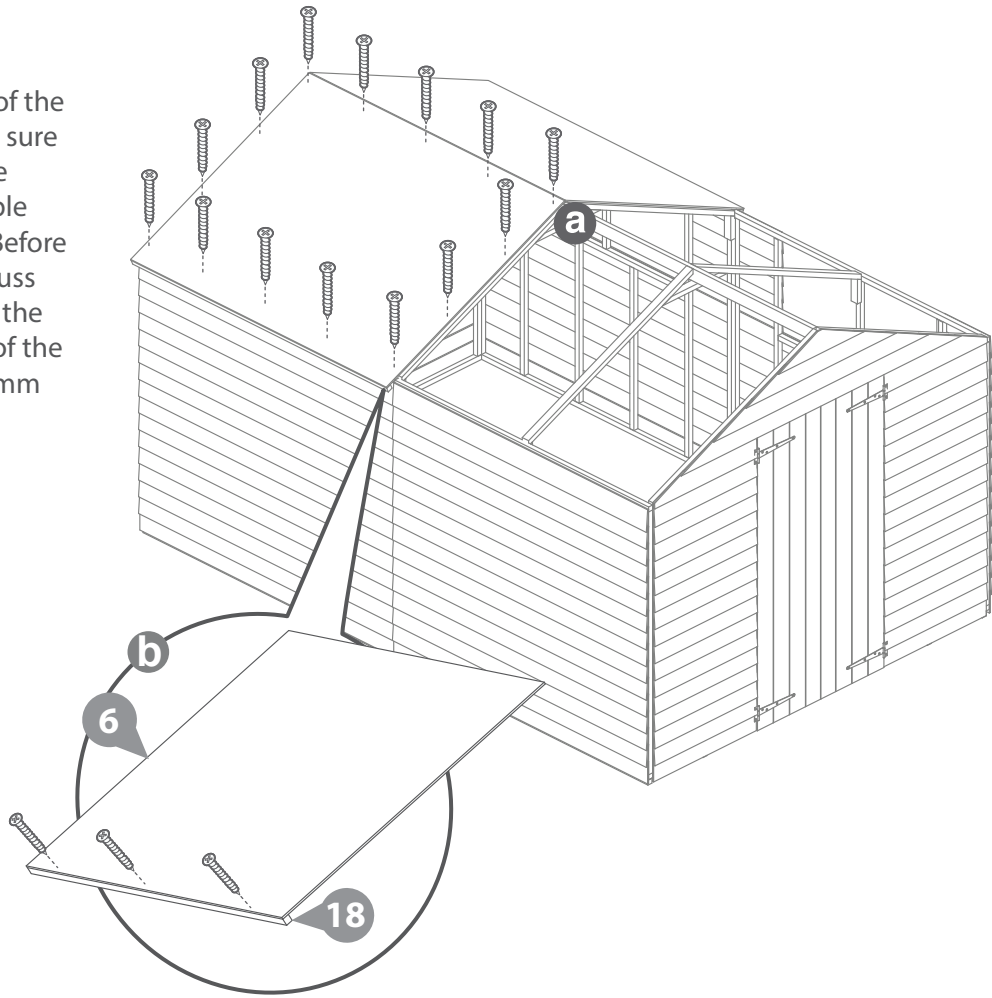
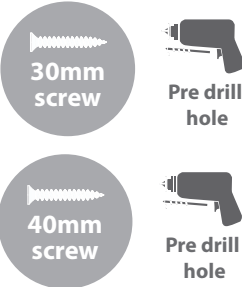
Step 9

- a** Place two roof sheets on top of the plain gable and truss making sure the roof sheet sits flush to the outside edge of the plain gable and fix using 40mm screws. 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.

28x40mm Screws

- b** Fix the eaves frame to the roof sheet using 3x30mm screws for each sheet.

6x30mm Screws



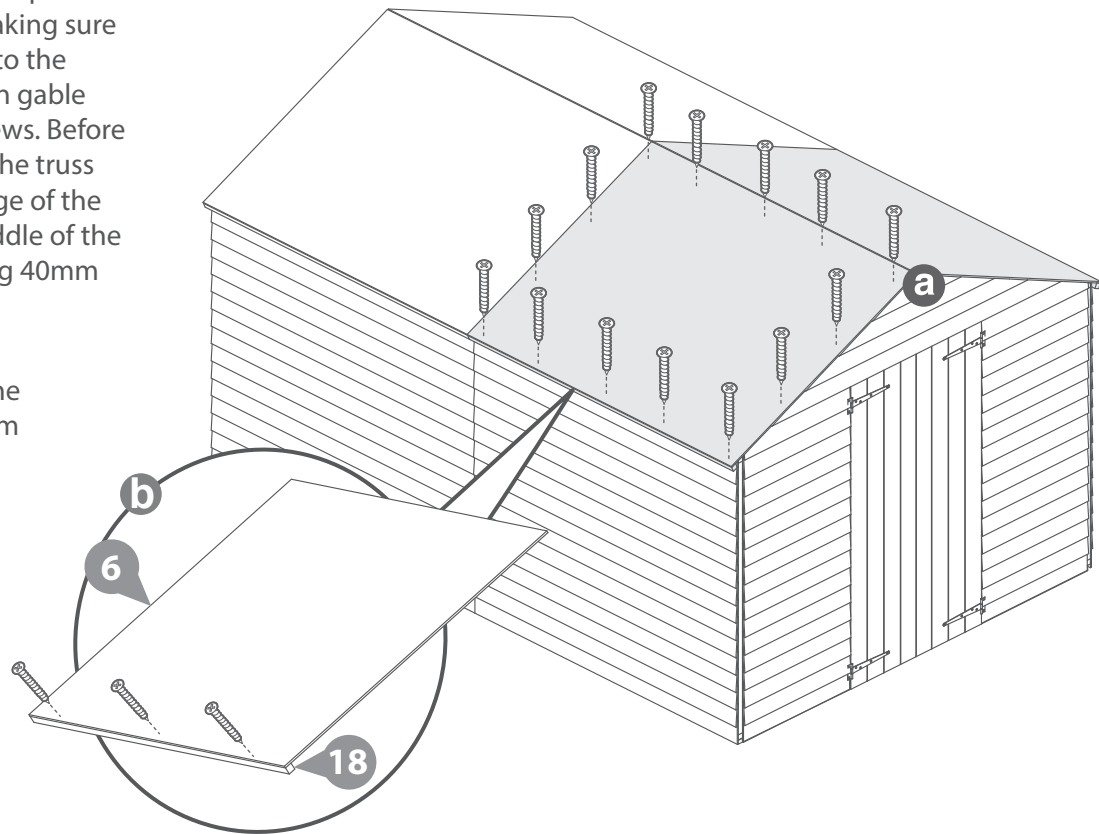
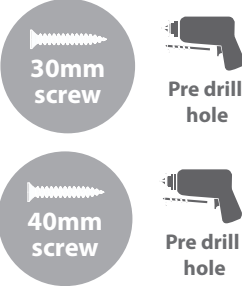
Step 10

- a** Place two roof sheets on top of the plain gable and truss making sure the roof sheet sits flush to the outside edge of the plain gable and fix using 40mm screws. 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.

28x40mm Screws

- b** Fix the eaves frame to the roof sheet using 3x30mm screws for each sheet.

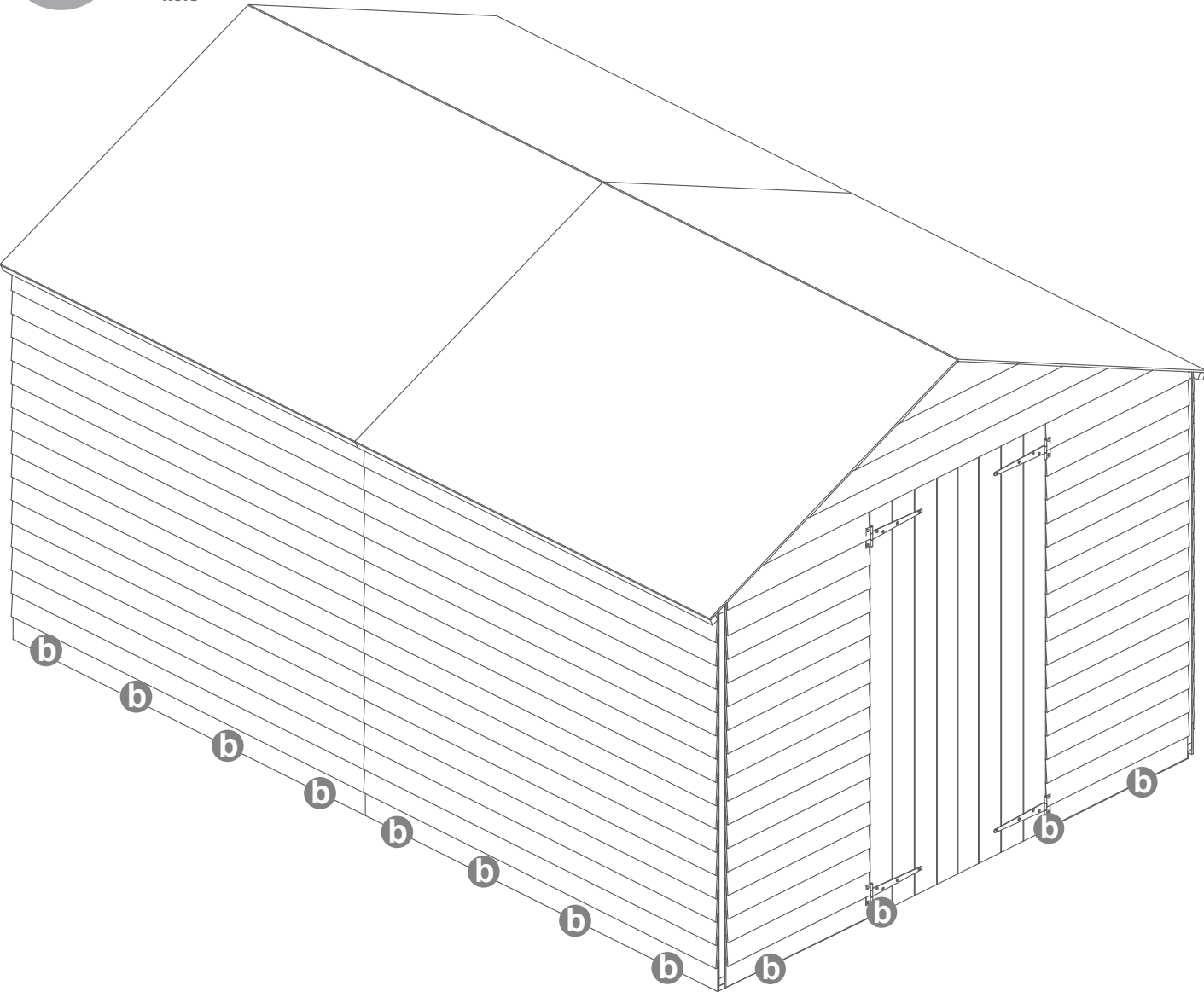
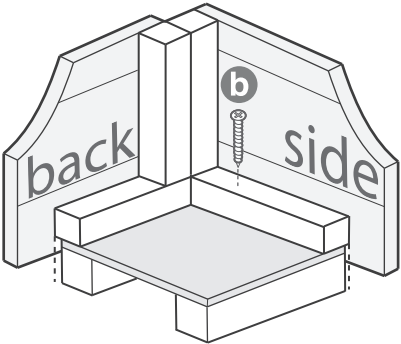
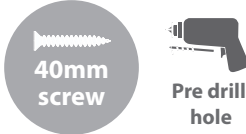
6x30mm Screws



Step 11

- b** 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

24 x 50mm Screws



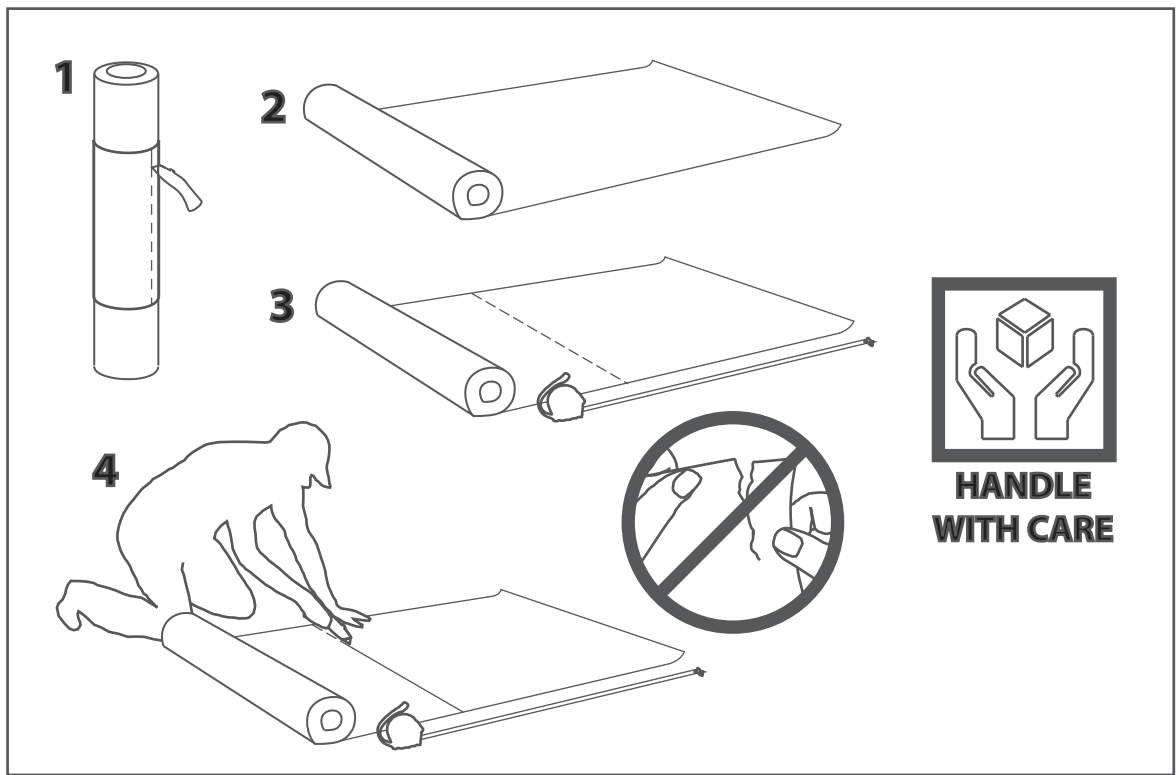
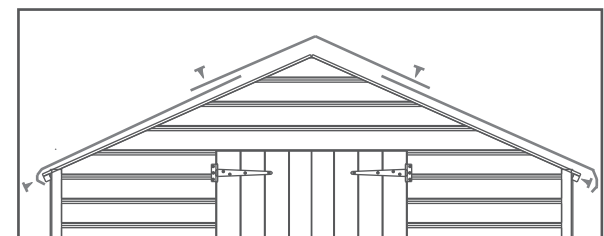
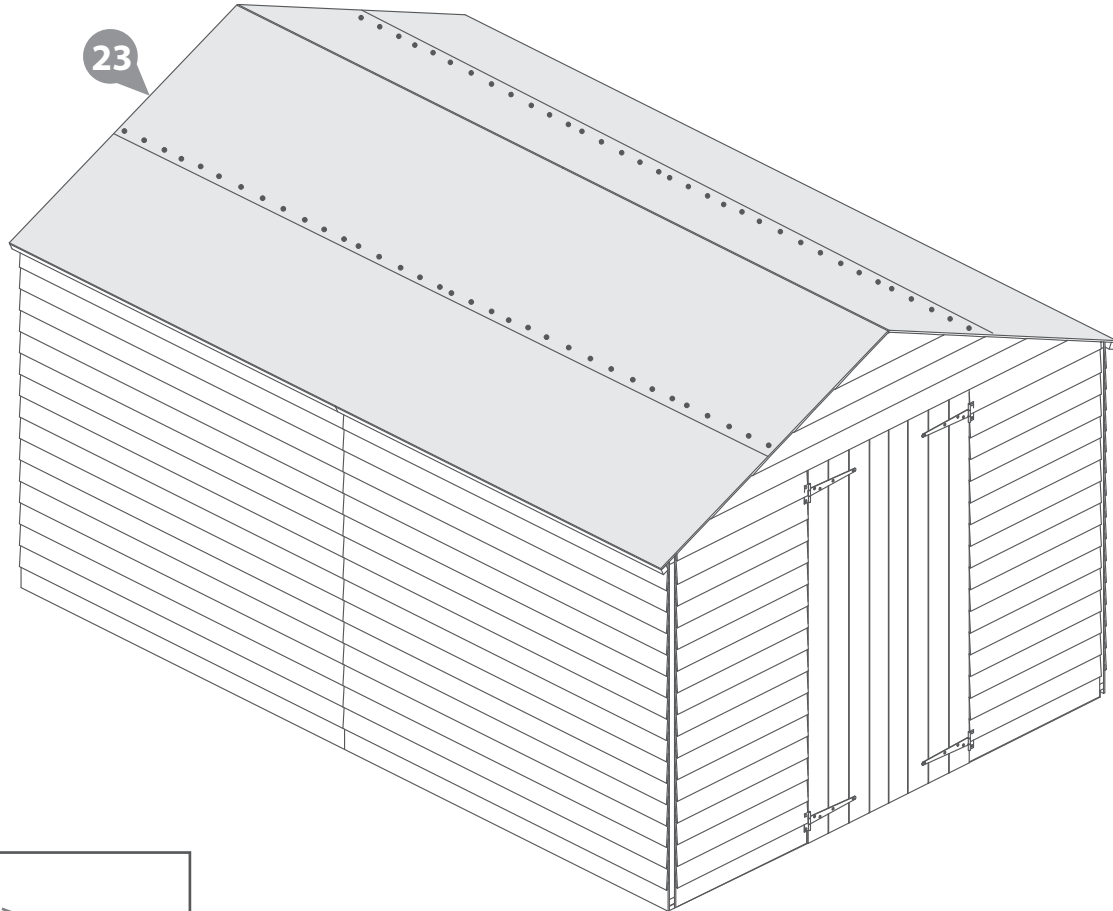
Step 12

Cut out three strips of 3740mm 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.

142 x Tacks

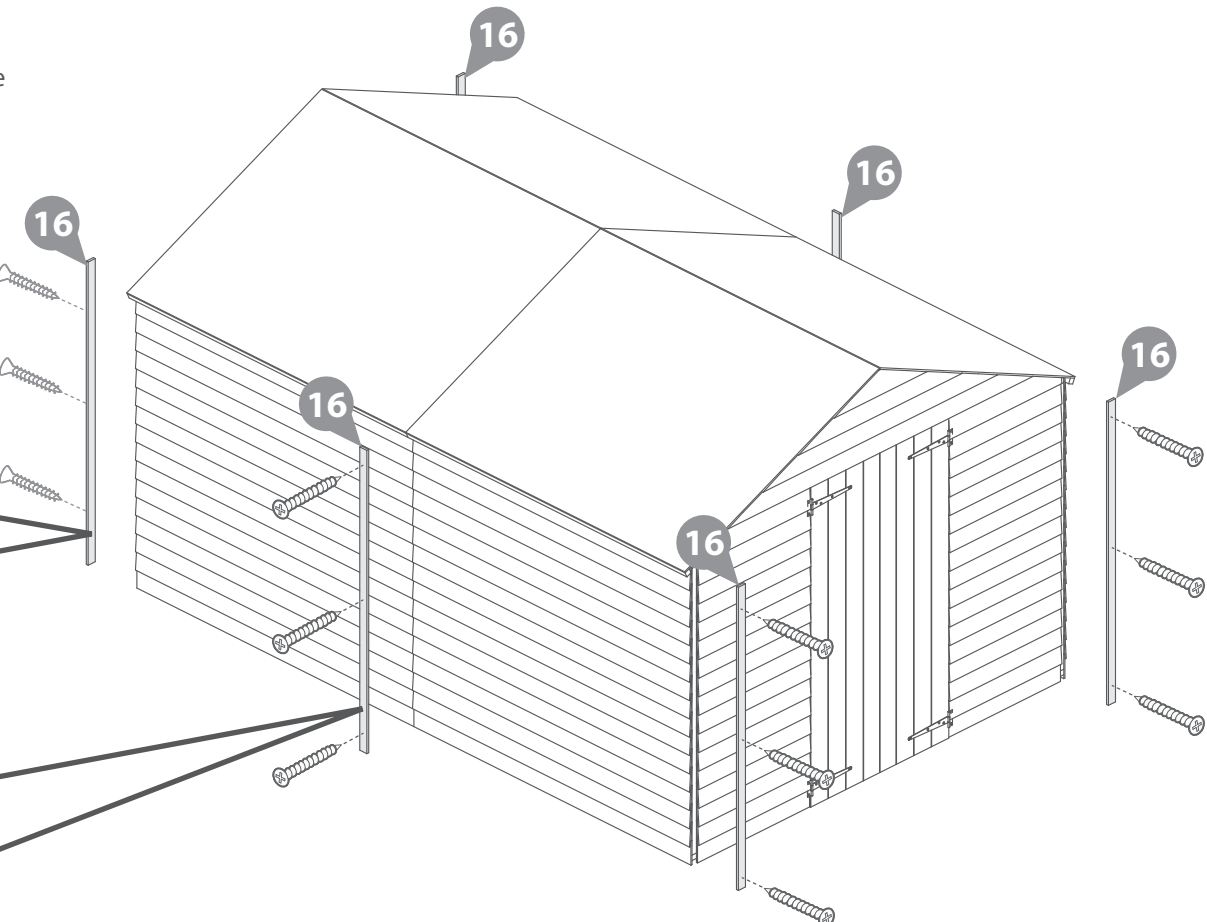
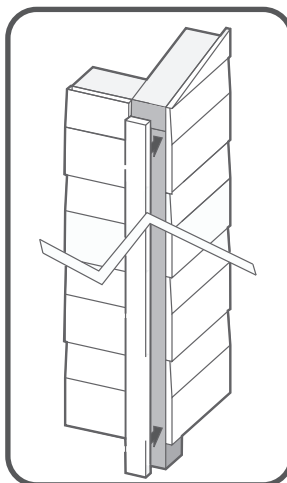


Step 13

Fit the cover trims to the building and secure in place with 40mm screws as shown.

Pre drill to avoid splitting.

18x40mm Screws



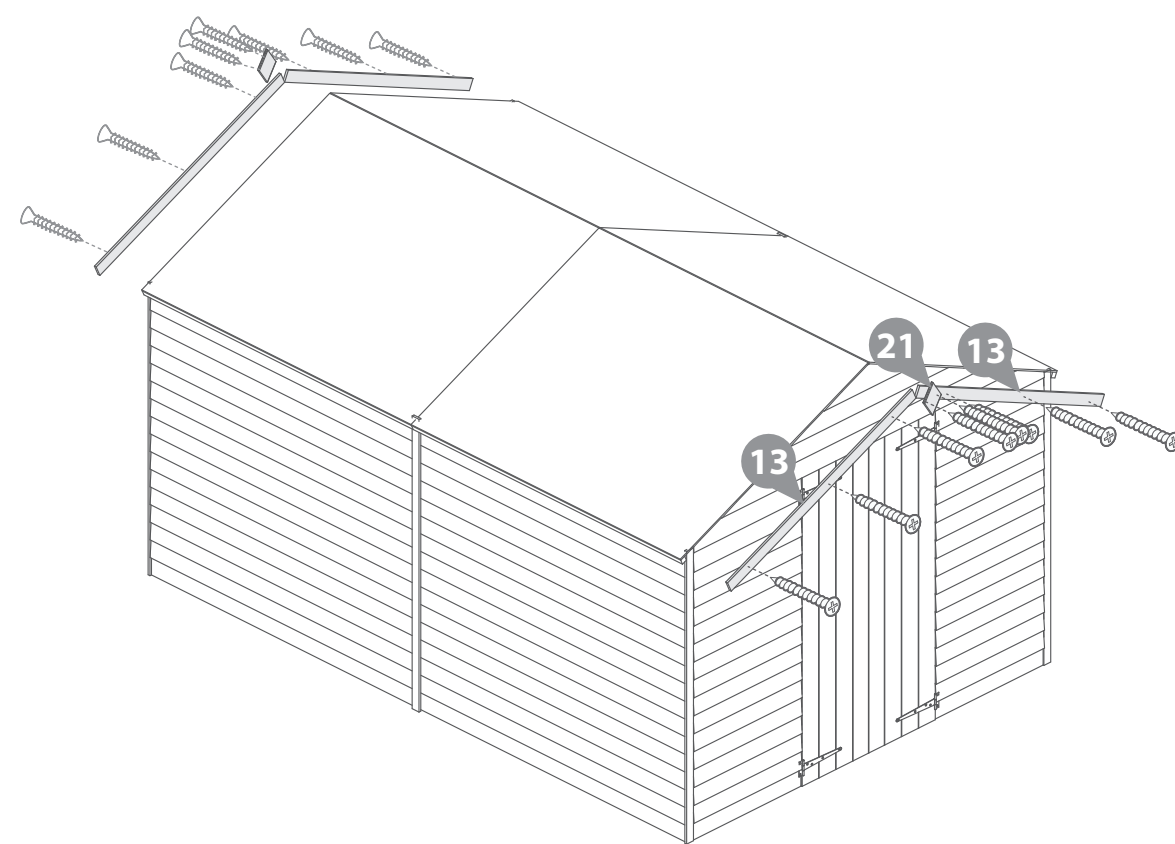
Step 14

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

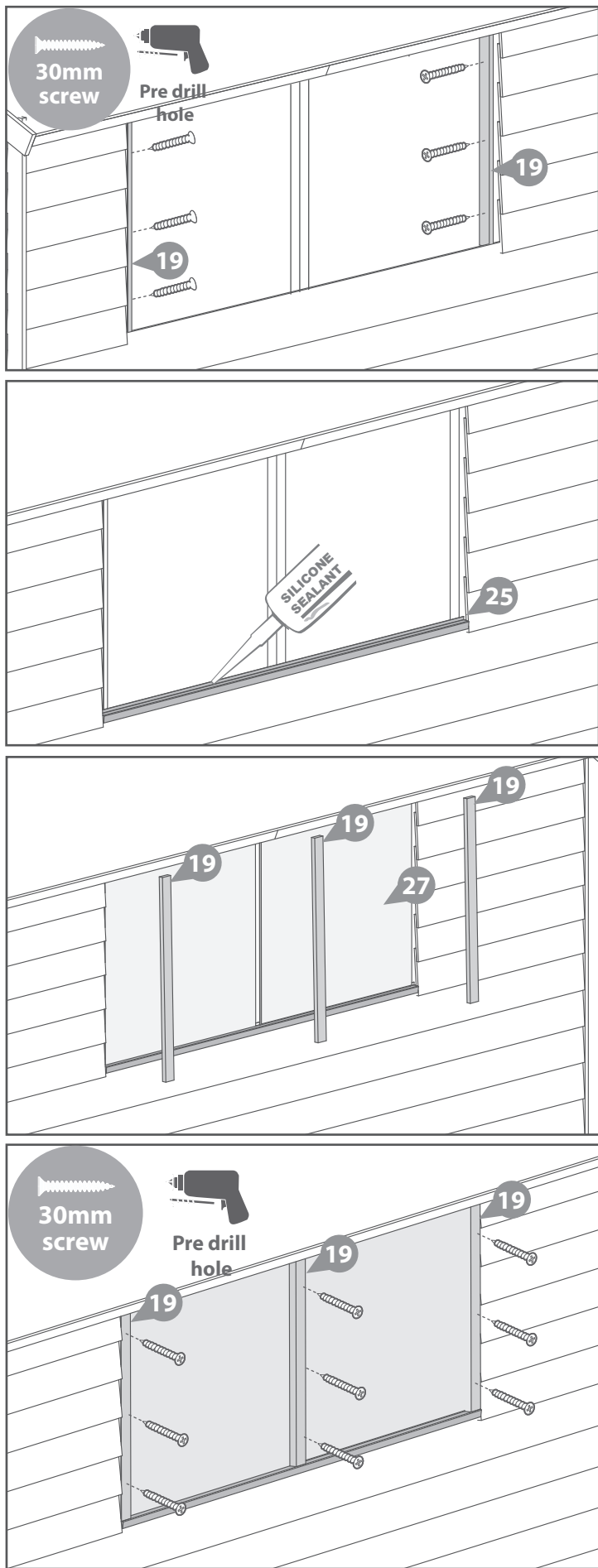
Fit the fascias to the roof over the felt and secure in place with 40mm screws as shown.

Pre drill to avoid splitting.

16x40mm Screws



Step 15



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 and silicone in place as shown on both diagrams to the left.

Side View

Fit the styrene sheets on top of the window cill.

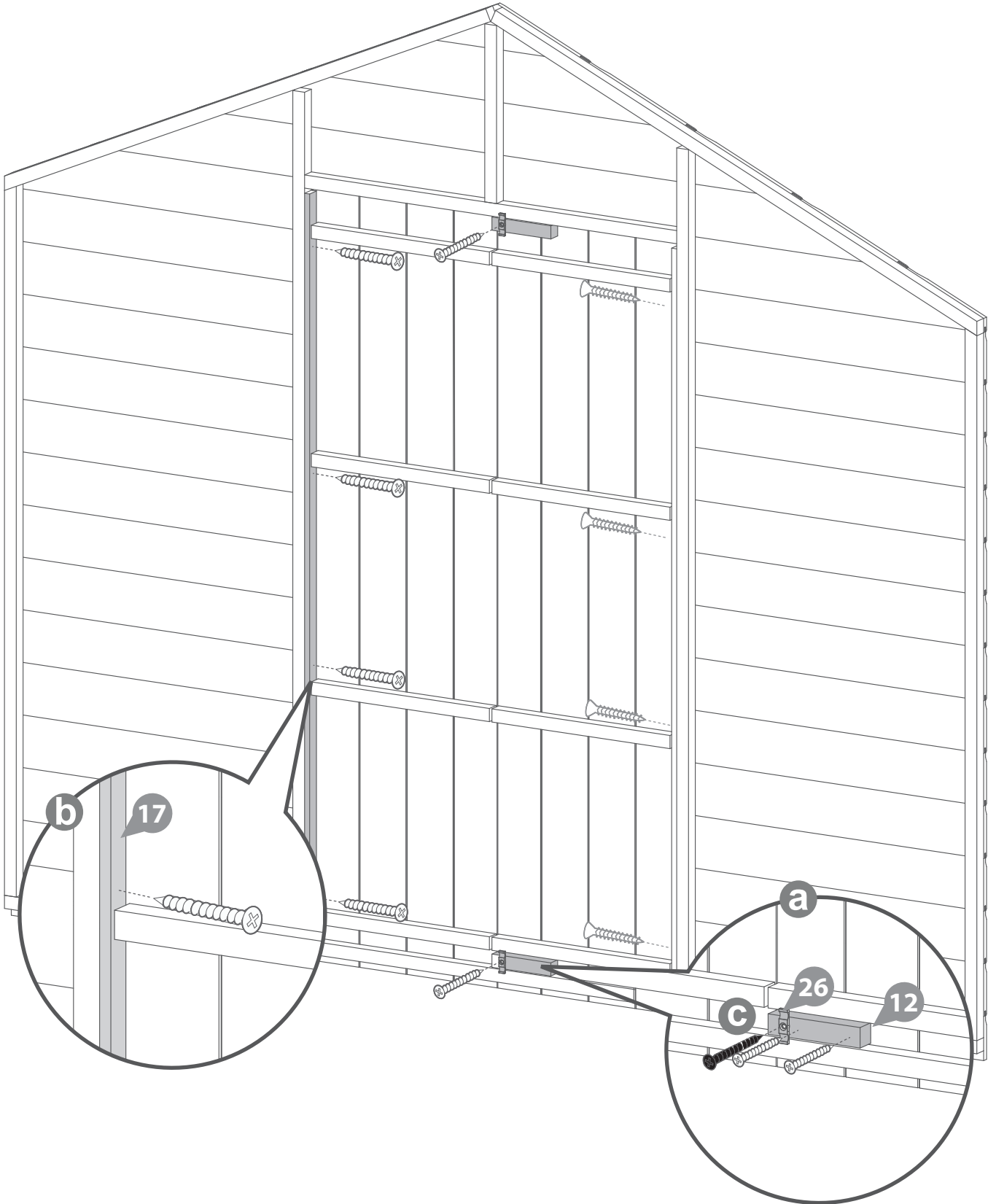
When positioning the styrene sheets ensure there is an equal distance between them and at either side of the windows.

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 16

- a** First line up the door blocks on top of the framing of the doors. Then fix with 2x30mm screws by screwing through the matchboard door into the block.
6x30mm 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 17

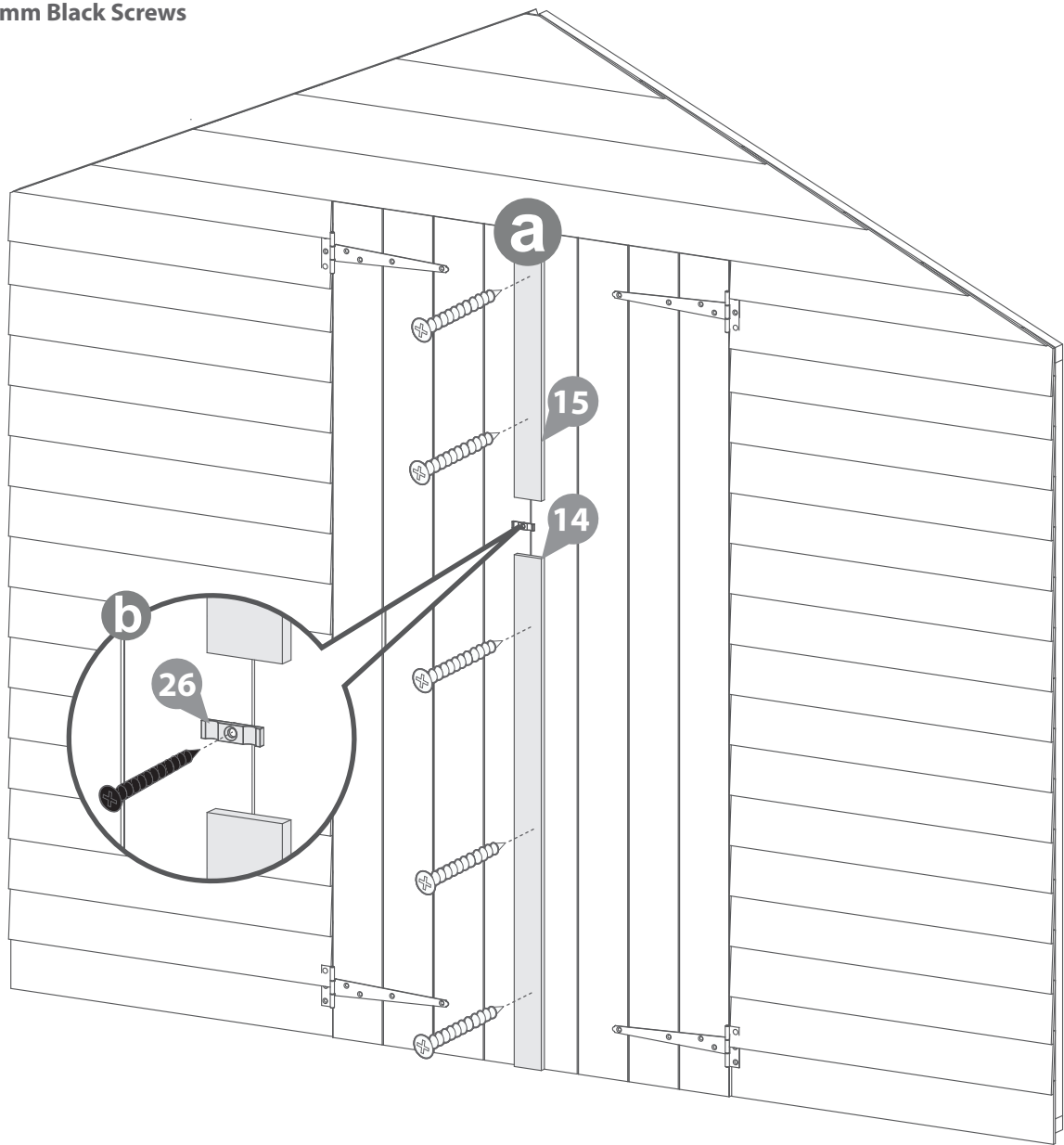
- a** Fix the door strips to the master door using 5x30mm screws.
If the strips are attached to the slave door the doors will not open properly.
5x30mm Screws



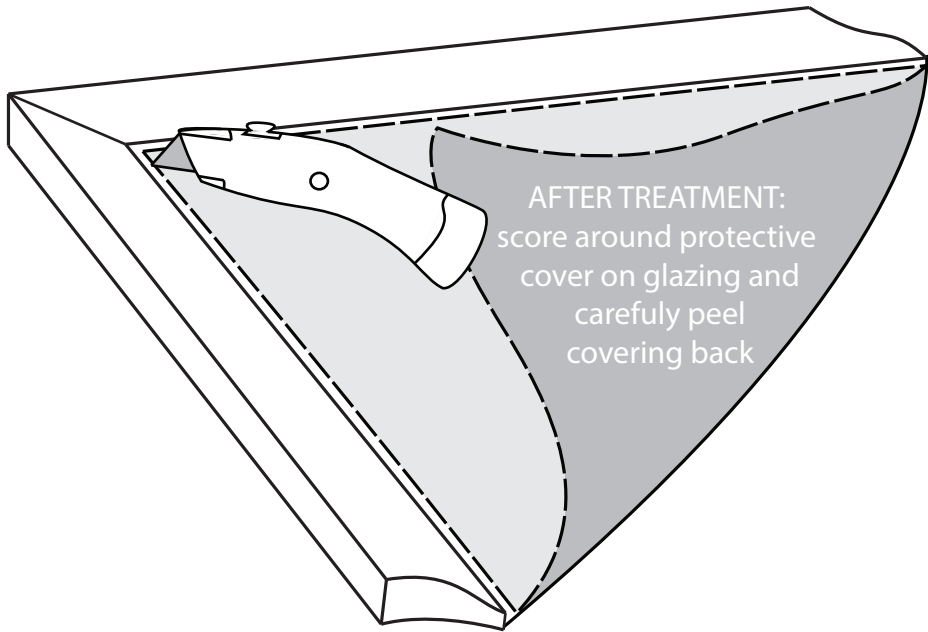
Pre drill hole



- b** Use 1x30mm screw to secure the turn button to the master door.
1x30mm Black Screws



It is **ESSENTIAL** that you apply wood treatment immediately after the building has been assembled.



AFTER TREATMENT:
score around protective
cover on glazing and
carefully peel
covering back