General Instructions

Please retain product label and instructions for future reference

01OVLPA1006DDFW-V1 & 01OVLPA1006DDFW-V1-NW

10X6 OVERLAP APEX

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, Hammer and a Drill with 2mm bit.
- Ensure there is plenty of space and a clean dry area for assembly.

LOCATION FOR YOUR GARDEN BUILDING
A minimum of 60cm should be left around the perimeter of your garden building to allow access for maintenance, annual treatment and to allow air flow around the building.

Where possible you should avoid placing your garden building underneath large trees to prevent the tree causing damage to the building.

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.

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 dip 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.

REGISTER FOR YOUR
ANTI-ROT
GUARANTEE TODAY

PLEASE SCAN HERE:

For assistance please contact customer care on: 01636 821215

Mercia Garden Products Limited,
Sutton On Trent,
Newark,
Nottinghamshire,
NG23 6QN

www.merciagardenproducts.co.uk

01OVLPA1006DDFW-V1 & 01OVLPA1006DDFW-V1-NW

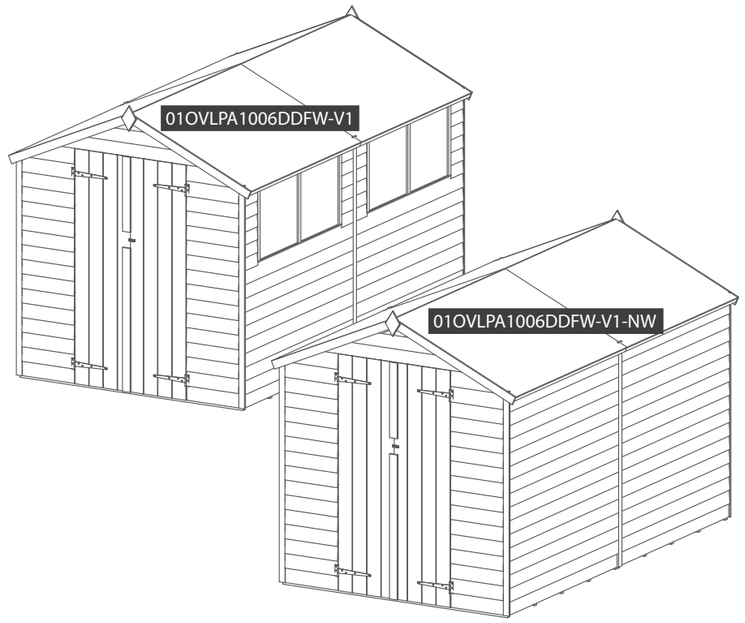
Please retain product label and instructions for future reference

Overall Dimensions:
Length = 3028mm
Width = 2484mm
Height = 2121mm

Base Dimensions:
Length = 3000mm
Width = 1760mm

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

MADE IN GREAT BRITAIN



Building Content:

1

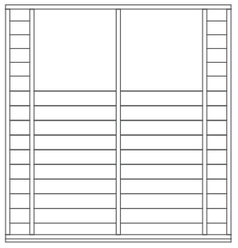
Door Gable QTY 1
AI-01OVLPDG1707x1961-V1

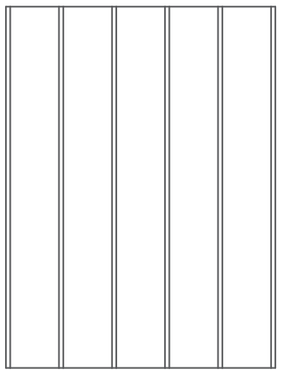
2

Back Gable QTY 1
AI-01OVLPPG1707x1961-V1

3

Plain Side QTY 2 (QTY 4 NW ONLY)
AI-01OVLPPS1490X1567-V2

4

Window Side QTY 2 (FW ONLY)
AI-01OVLPWS1490X1567-V2

5

Floor QTY 2
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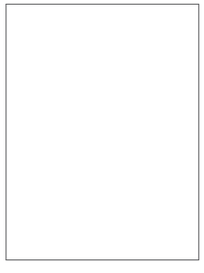
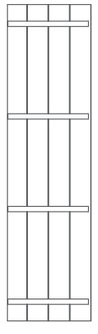

Roof QTY 4
PI-03-0247

7

Door QTY 2
AI-01MBDR1660X437-V2

8

Ridge Bar - 27x70x1462mm QTY 2
F2770-1462mm

9

Truss Frame - 27x44x932mm QTY 2
F2744-G-972mm

10

Door Block - 28x28x140mm QTY 2
F2828-140mm

11

Truss Block - 27x44x140mm QTY 2
F2744-G-160mm (140mm finished length)

12

Truss Support - 27x44x450mm QTY 1
F2744-G-490mm (450mm finished length)

13

Fascia/Strip -12x60x1016mm QTY 5
S1260-1016mm

14

Strip - 12x60x530mm QTY 1
S1260-530mm

15

Cover Trim - 12x45x1575mm QTY 6
S1245-1575mm

16

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

17

Eaves Frame - 28x28x1502mm QTY 4
F2828-1502mm

18

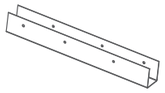
Window Strip - 12x30x546mm QTY 10 (FW ONLY)
S1230-546mm

19

Finial QTY 2
Diamond Shed Finial

22

L-Bracket QTY 2
PI-07-0012

25

U Channel QTY 1
PI-07-0013

20

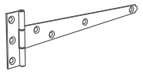
Felt

23

Turn Button QTY 3
PI-07-0034

26

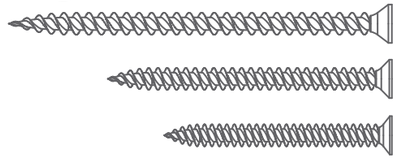
Styrene QTY 4 (FW ONLY)
PI-05-0114

21

T Hinge QTY 4
PI-07-0021

24

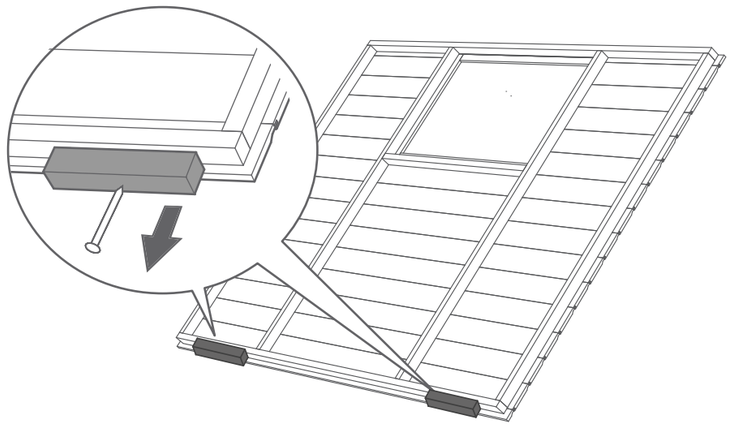
Plastic Window Cill QTY 2 (FW ONLY)
PI-08-0013

Nail Bag



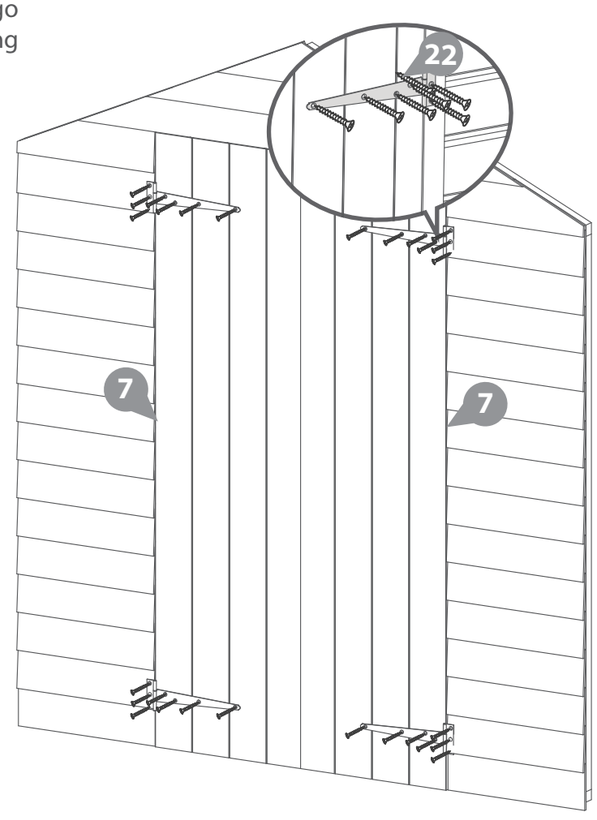
Pre Assembly

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

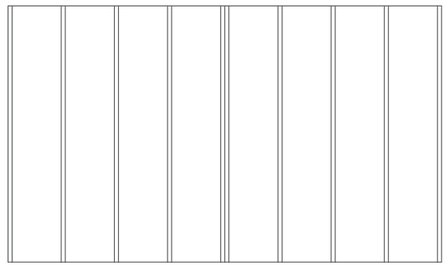


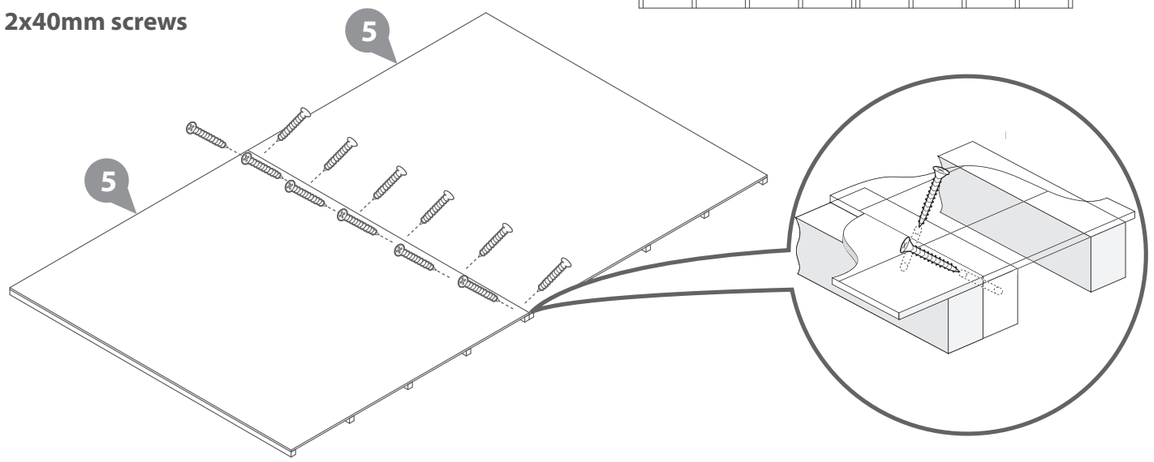
Step 1

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 12 x 40mm screws

12x40mm screws

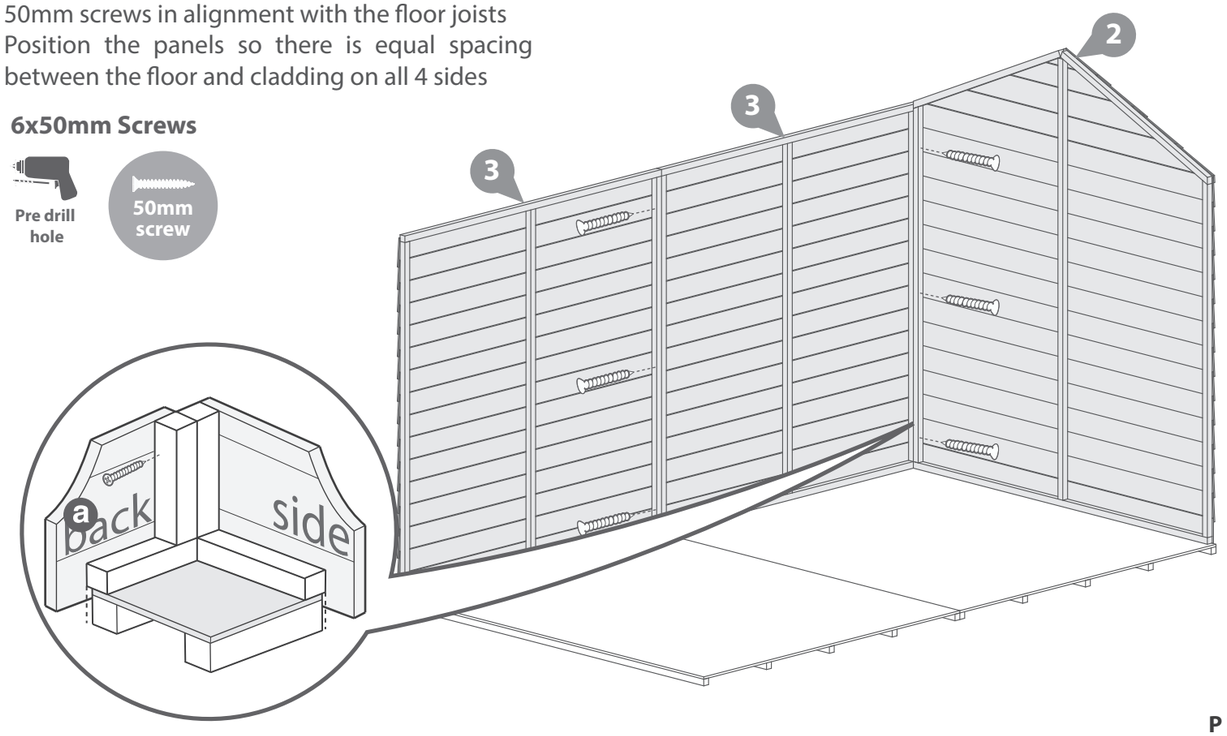




Step 2

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

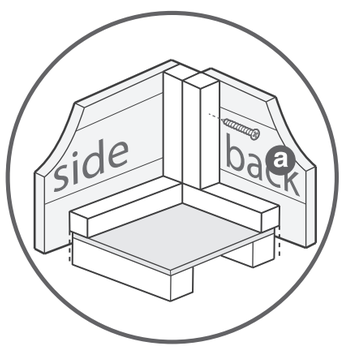
6x50mm Screws

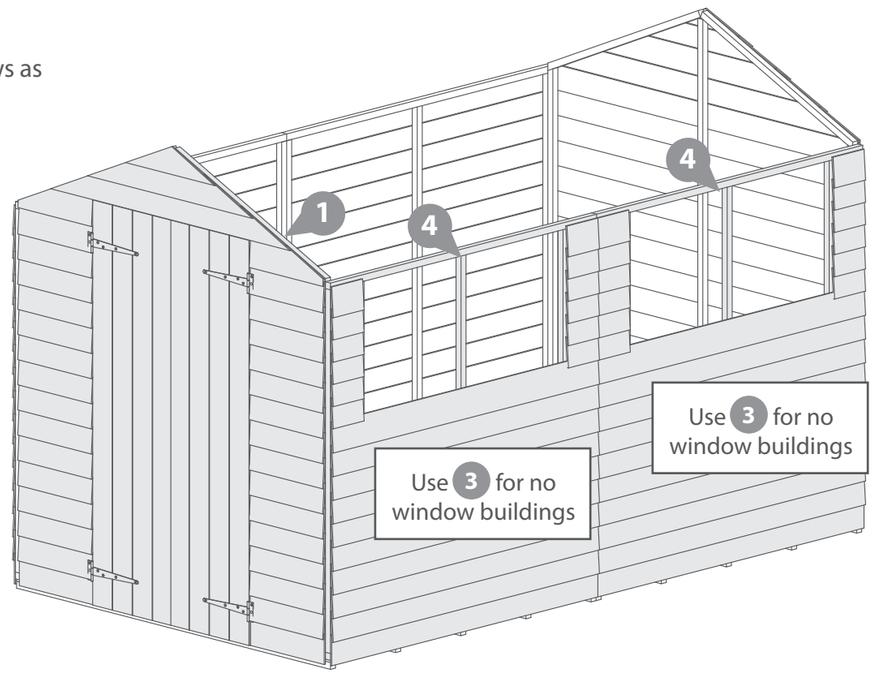


Step 3

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

12x50mm Screws



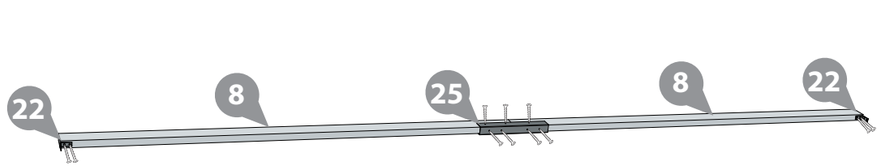


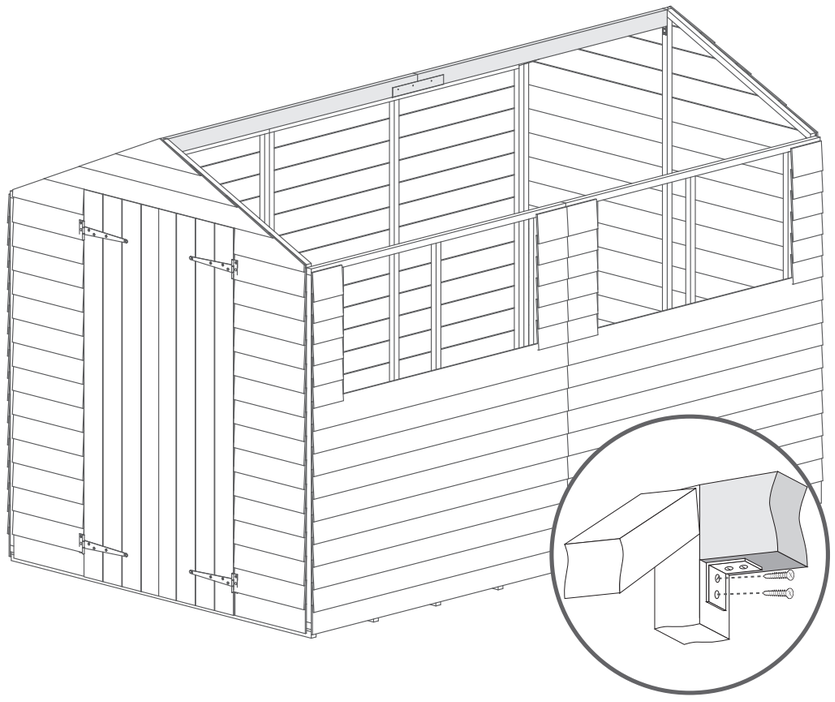
Step 4

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



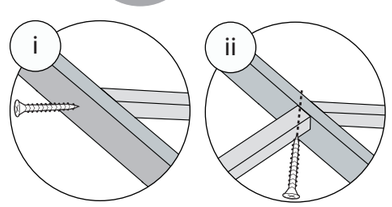


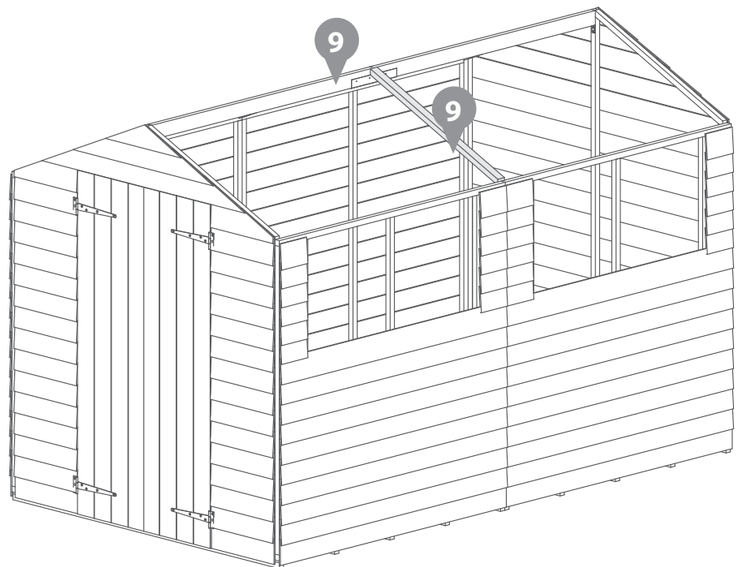
Step 5

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





ENSURE SUPPORT BARS ARE MANUALLY SUPPORTED UNTIL FIXED AT BOTH ENDS

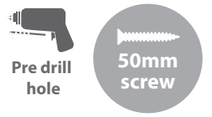
Step 6

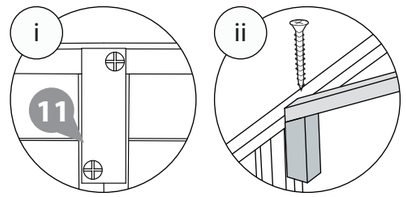
i) Fix the truss block to the side panel framing with 2 x 50mm screws. Position the block at the top of the framing with the angle pointing upwards into the building, aligning the block centrally along the join between the side panels with one screw in each panel.

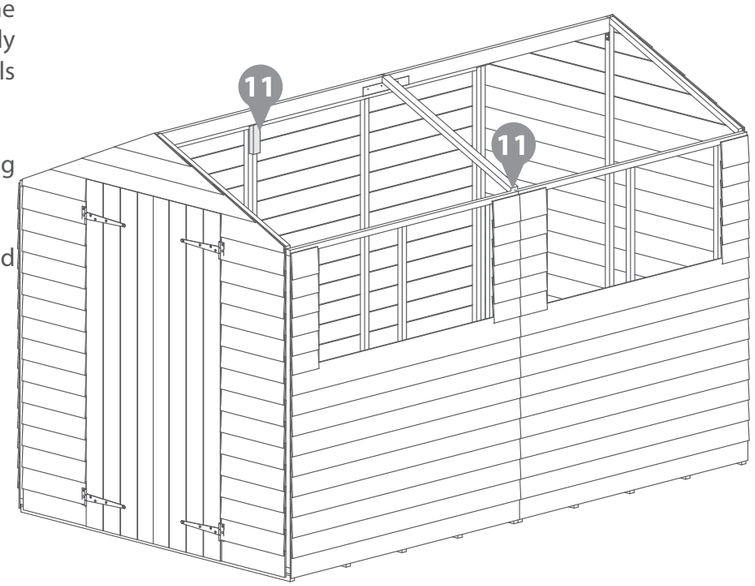
ii) Fix the support bar to the block using 1 x 50mm screw.

iii) Repeat for the other block and support bar.

6x50mm Screws



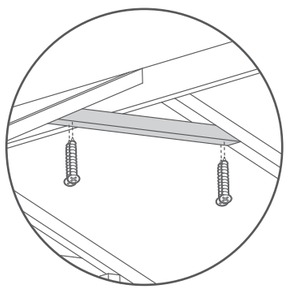


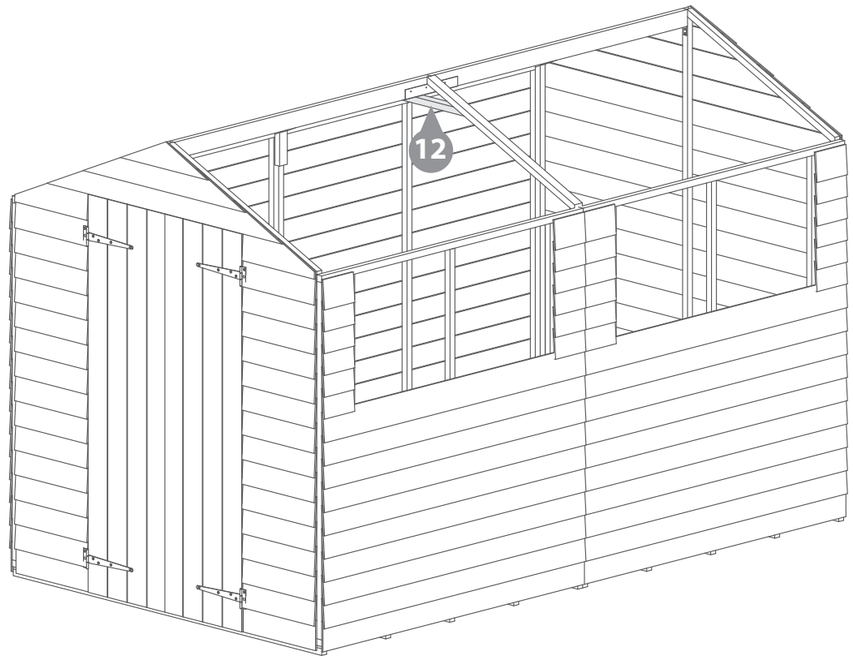


Step 7

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





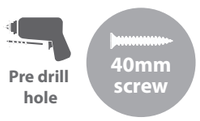
Step 8

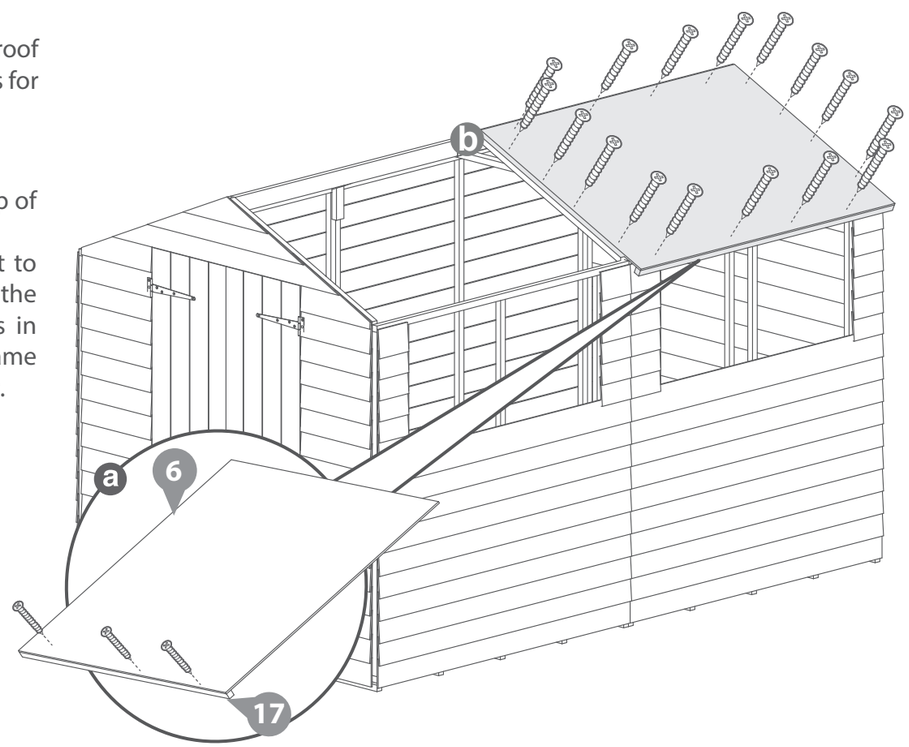
a Fix the eaves frame to the roof sheet using 3x30mm screws for each sheet.

8x30mm Screws

b Place two roof sheets on top 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





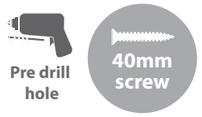
Step 9

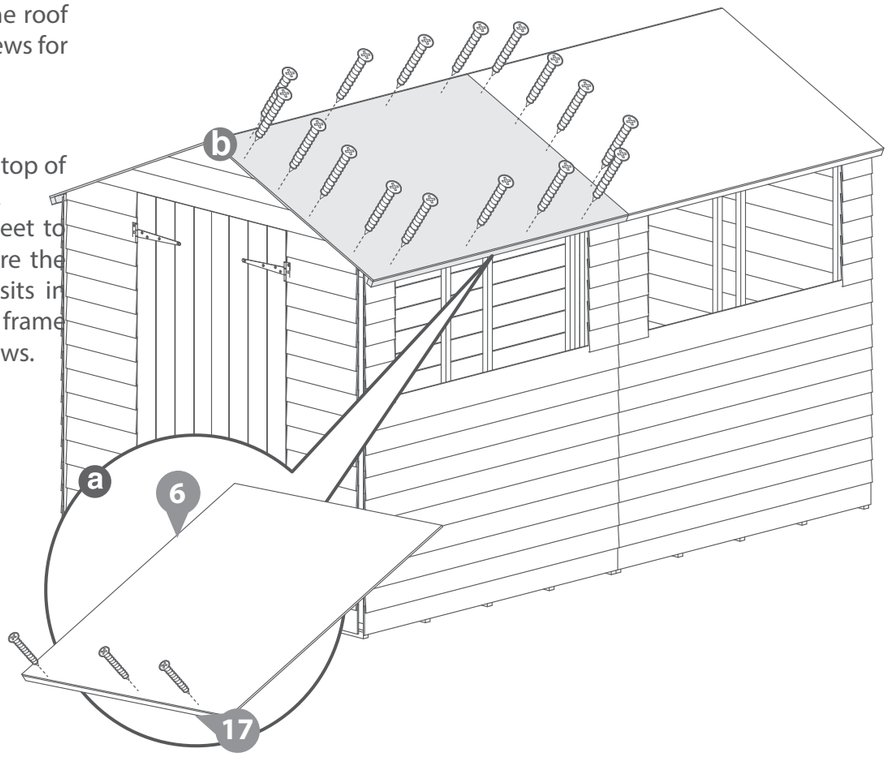
a Fix the eaves frame to the roof sheet using 3x30mm screws for each sheet.

8x30mm Screws

b Place two roof sheets on top 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

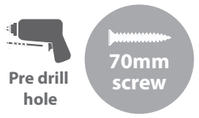


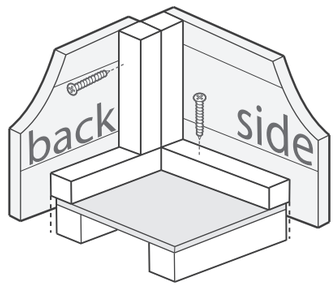


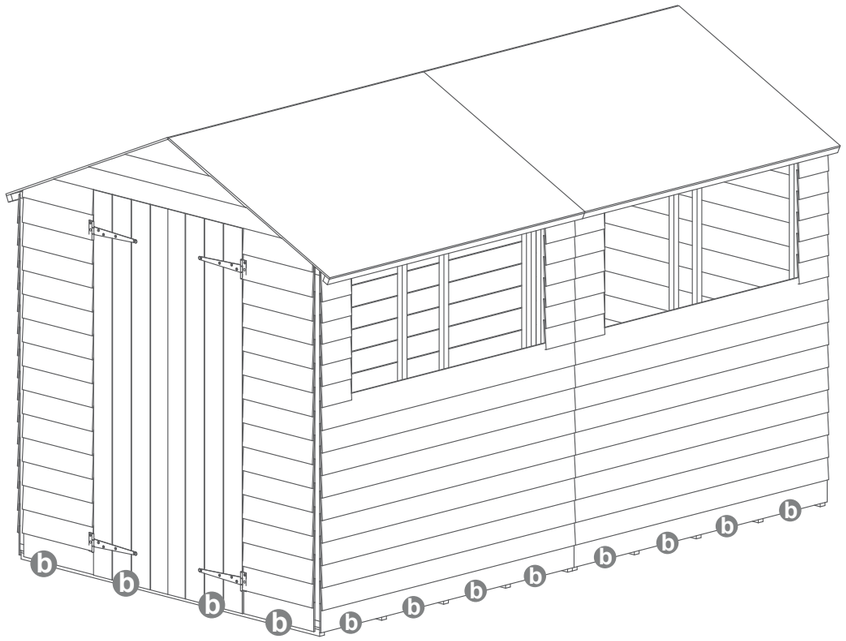
Step 10

Once the roof is fixed attach the building to the floor with 70 mm screws.

24 x 70mm Screws







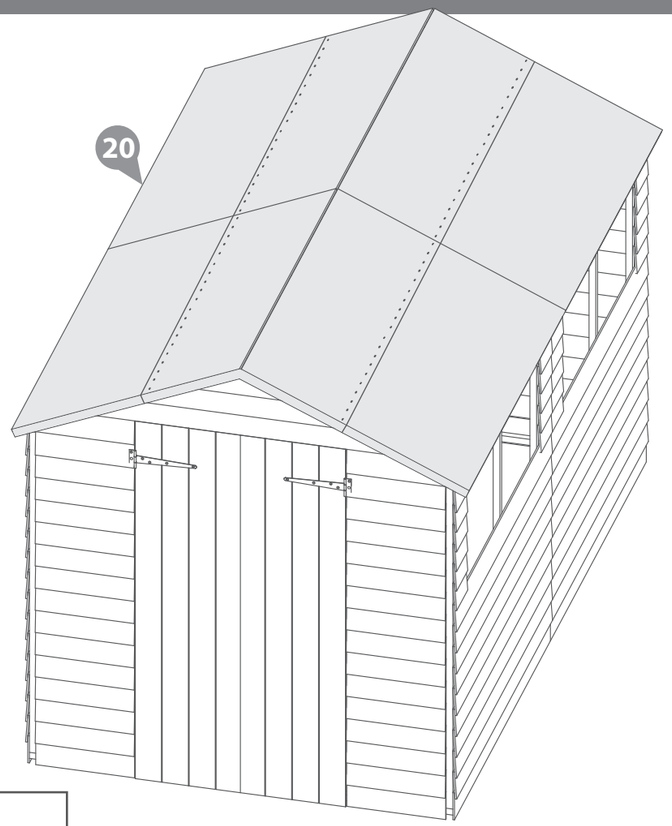
Step 11

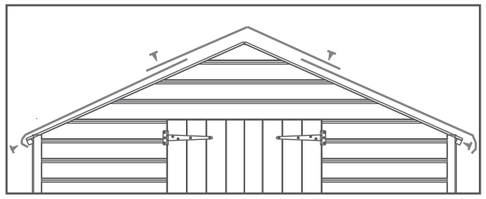
Cut out three strips of 3104mm felt and place onto the roof.

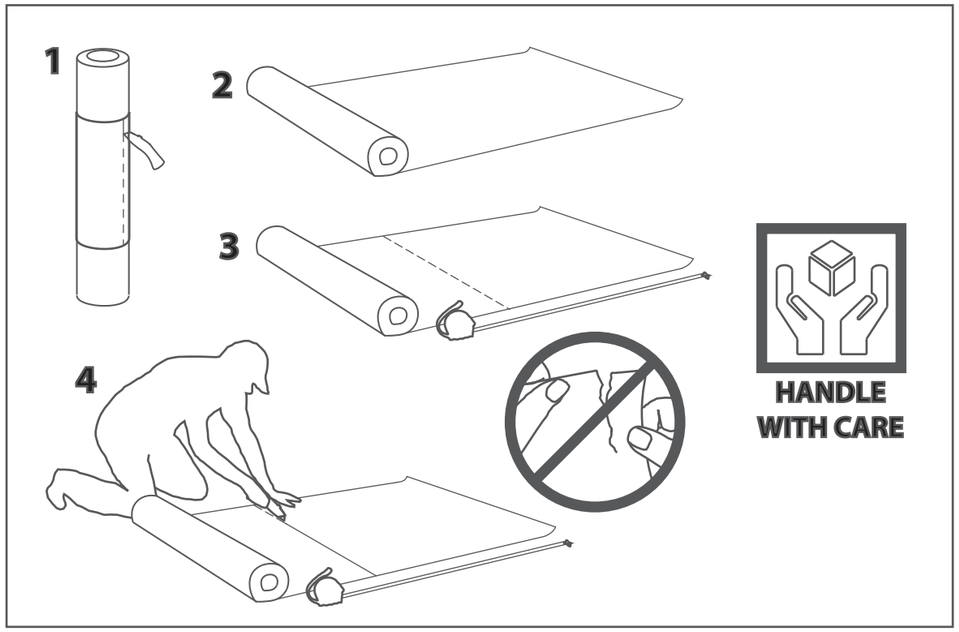
Place the felt flat onto the roof in the order that is stated on the diagram below.

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

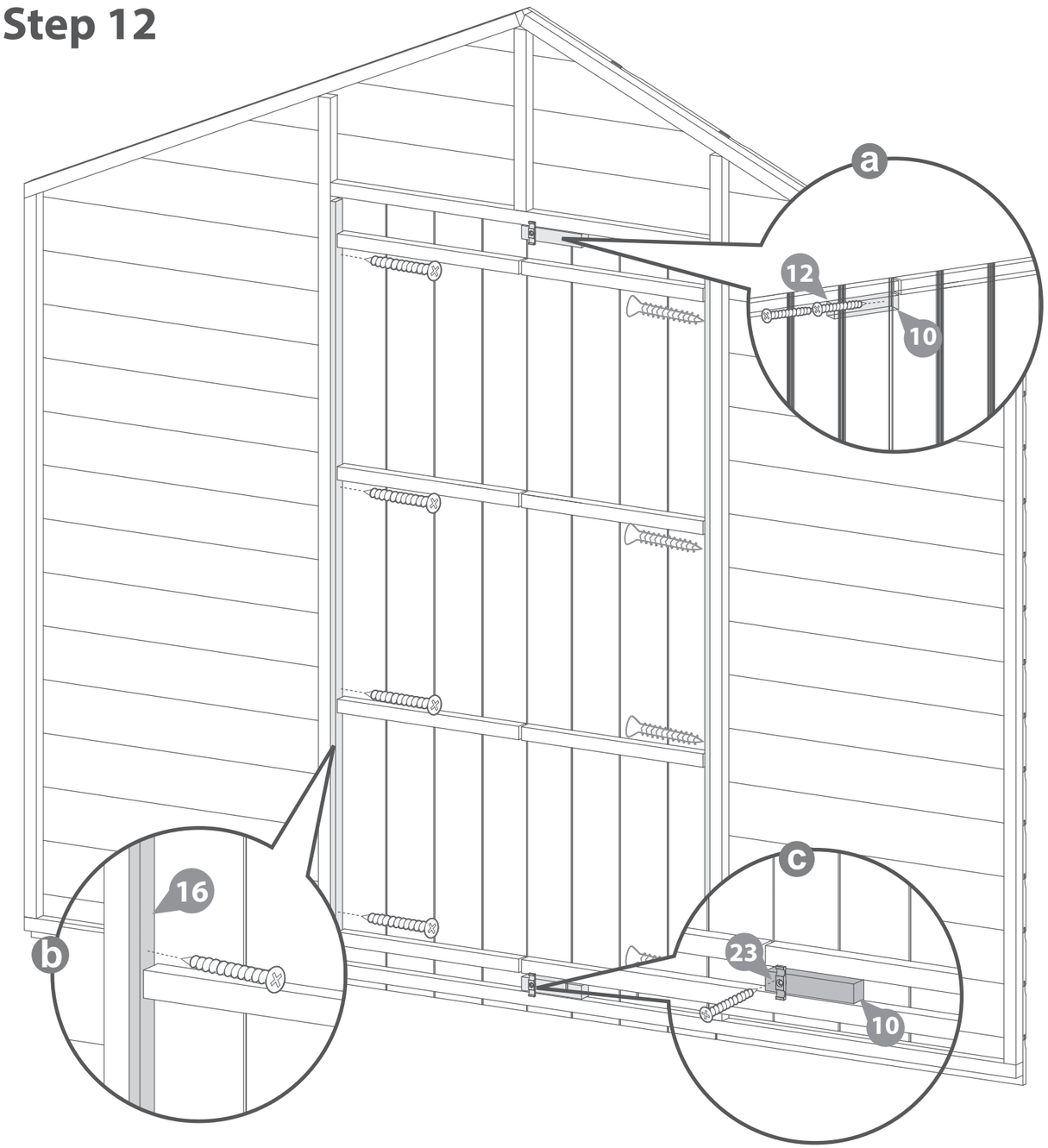
120 x Tacks







Step 12



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

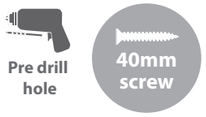
c Attach the turn button to the top and bottom door blocks with 1x30mm screw for each one.

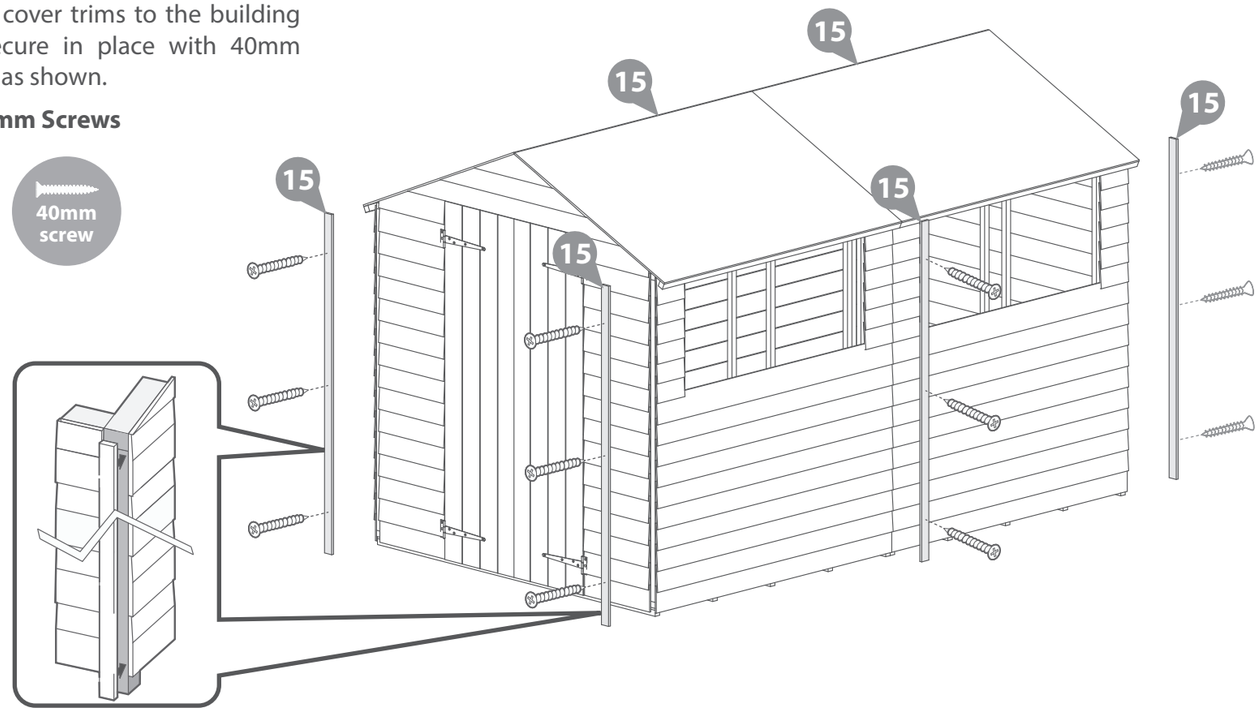
2x30mm Screws

Step 13

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

18x40mm Screws



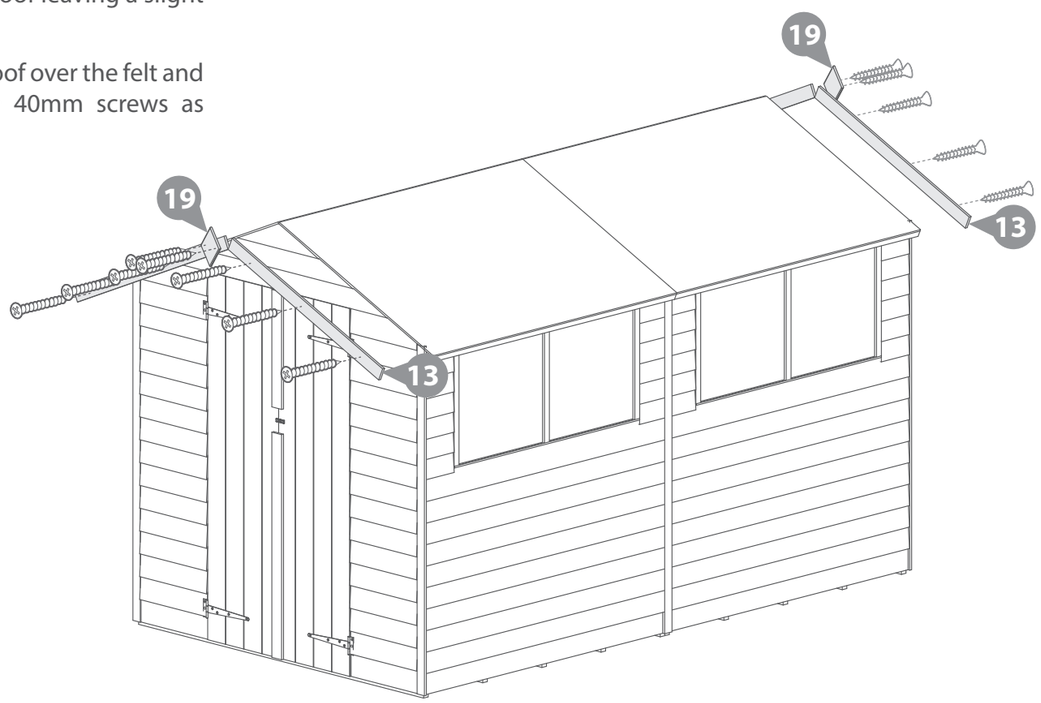


Step 14

Attach 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.

16x40mm Screws



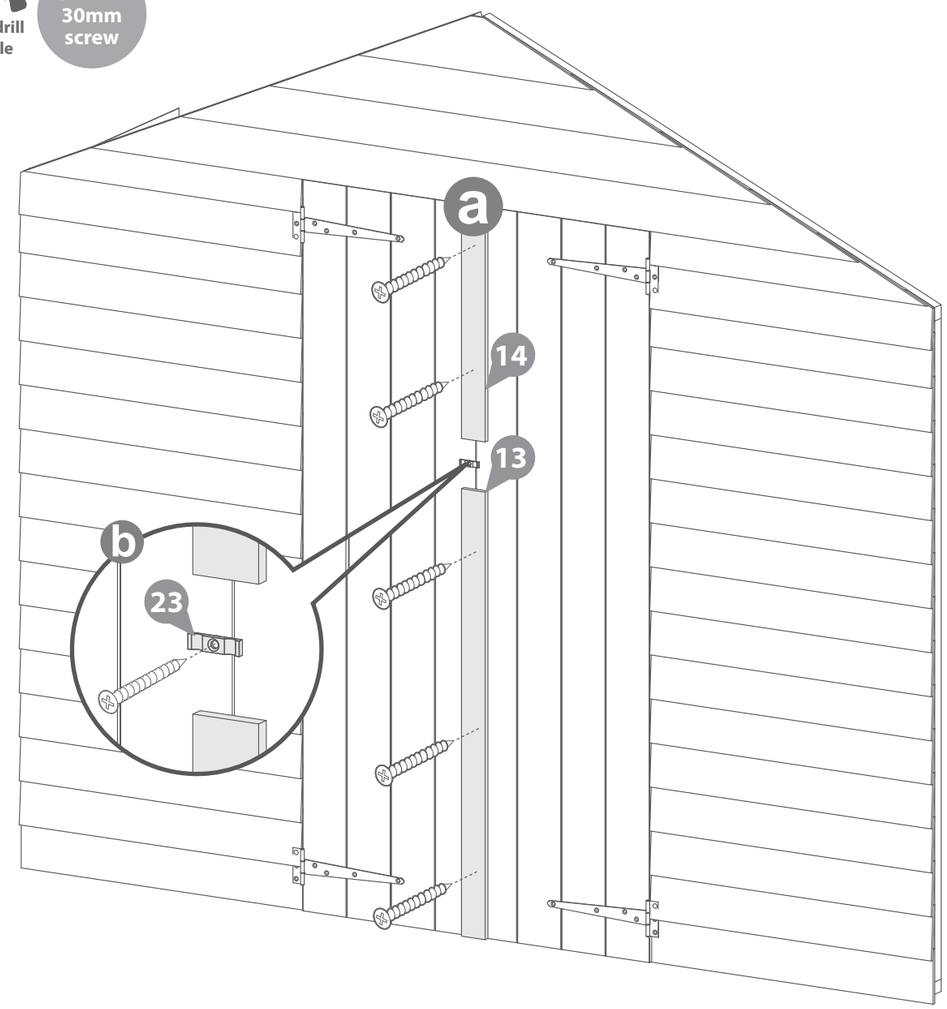
Step 15

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

5x30mm Screws

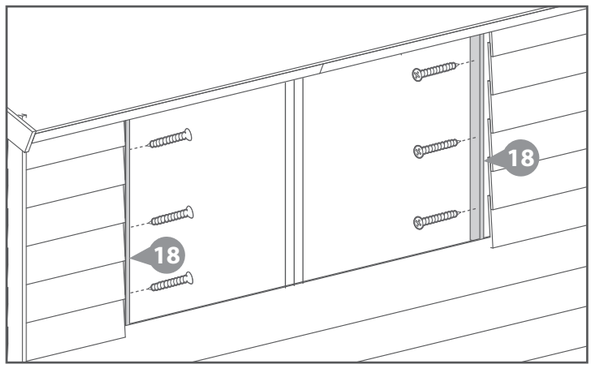
b Use 1x30mm screw to secure the turn button to the master door.

1x30mm Screws



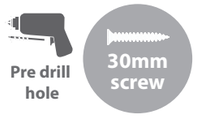
Step 16

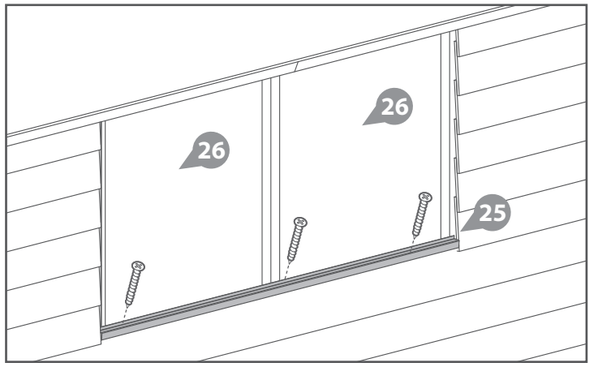
For the no window version go to step 11



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.

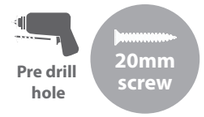
6x30mm Screws

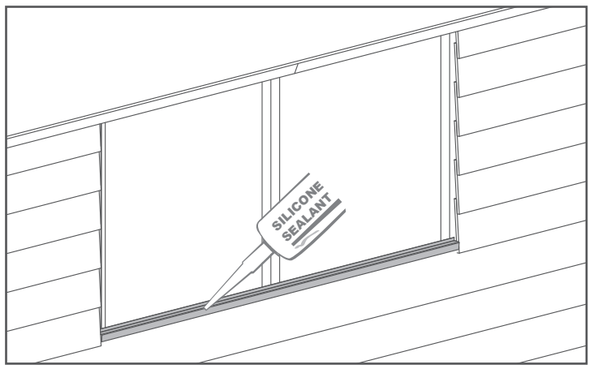




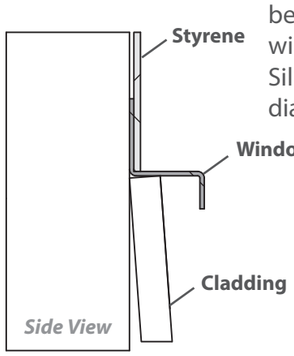
Place the plastic window cill onto the Window Panel and screw it into position using 3x20mm screws and silicone in place as shown on both diagrams to the left.

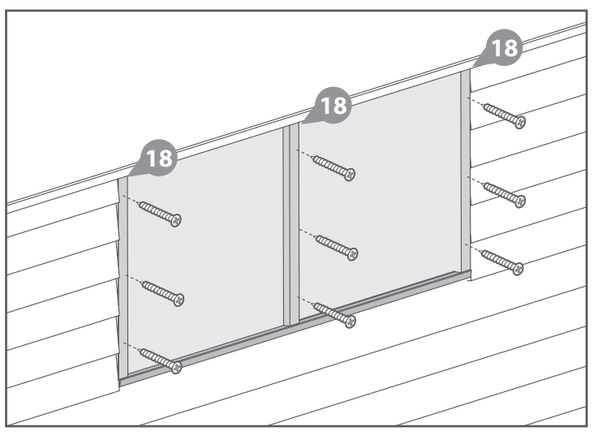
3x20mm Screws





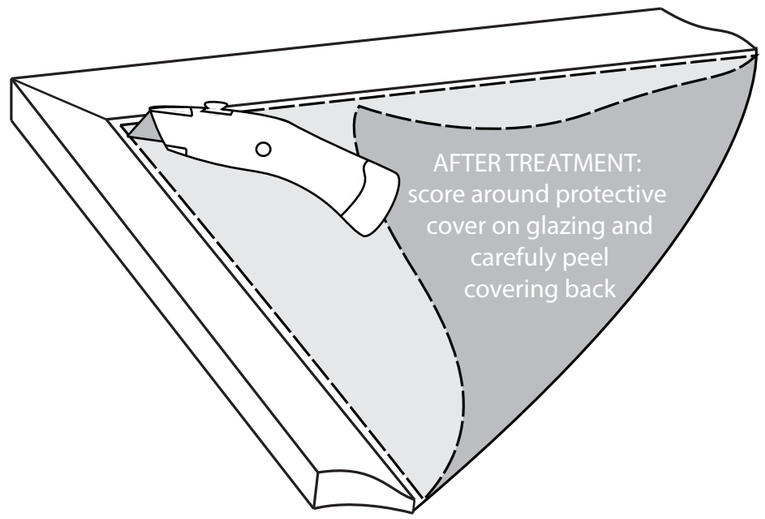
Fit the styrene sheets on top of the window cill.
When positioning the styrene sheets ensure there is an equal distance between them and at either side of the windows.
Silicone in place as shown on the diagrams to the left.





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



MANUFACTURER'S RECOMMENDATIONS

All our garden buildings have been designed and manufactured with care and attention to be the perfect addition to your outdoor space. To ensure you do get the best out of your new garden building and to increase the longevity we advise that you follow the product instructions and our manufacturer's recommendations as detailed below. Thank you for choosing a Mercia Garden product!

1 Choosing the most suitable location for your garden building...

A minimum of 60cm should be left around the perimeter of your garden building to allow access for maintenance, annual treatment and to allow air flow around the building.

Where possible you should avoid placing your garden building underneath large trees to prevent the tree causing damage to the building.

2 Preparing the base for your garden building...

All our buildings must be built on a firm, level base to ensure the longevity of the building and prevent the wood from distorting. We recommend either concrete, concrete slabs or a wooden base, such as our 'Portabase'.

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 and preventing water from pooling underneath the building.

We also recommend that the floor of the garden building is a minimum of 25mm above the surrounding ground level to avoid flooding.

3 After installation...

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/Insulated Garden Rooms - Are supplied untreated and require a preservative and waterproofing treatment

We also recommend using a silicon sealant on the inside and outside of the windows as soon as possible after assembly and treatment to fully seal the windows.

Roofing felt/covering should be checked annually and replaced or fixed accordingly.

4 General maintenance and wood characteristics

As wood is a natural material it may be affected by the following:

Shrinkage and warping - The timber used in the construction of your garden building will have retained some of its natural moisture content. The moisture content of the timber will vary, depending upon prevailing environmental conditions, which will result in the components either naturally expanding or contracting. As the components dry out shrinkage may occur. A good waterproofing treatment from the start is the best protection to minimise the effect of moisture loss/intake.

In extended periods of very warm weather getting some moisture to the building will help the overall balance. You can do this by spraying it down lightly with a garden hose. In contrast after snow fall try to remove the snow as best as possible from the roof to prevent moisture intake and to remove the extra weight.

Top tip - using a garden brush will help you to reach the highest part of the building to remove snow and any debris left from bad weather.

Damp and mould - During the winter months, cold and damp conditions can result in an increased amount of moisture within your garden building, especially when used infrequently. Condensation can form on the timber and other items stored within your garden building. If left this moisture is likely to cause mould and mildew. To prevent the build-up of moisture, we recommend leaving the door or windows of your building open from time to time, to allow the fresh air to circulate. We also advise against storing wet or damp items in your garden building as this will also increase the level of moisture in the building. If mould or mildew does start to form within your building we recommend using an anti-mould cleaner to remove it and to prevent it spreading, which if left untreated could permanently damage your garden building.

Splits, cracks and knots - You may notice small splits and cracks in some components or holes may appear where knots shrink and fall out. This will not affect the structure of your Garden building however if you wish to fill them this can be easily done using any good quality wood filler.

Sap - is naturally occurring in wood and may appear in some boards of your garden building. If you wish to remove the sap, we advise waiting until it is dry and then using a sharp knife to carefully remove it. If the removal of the sap causes a hole in the timber, we recommend using a good quality wood filler to fill it.

For more handy hints and tips on how to care and maintain your garden building please refer to the MGP Customer Portal at www.mgplogistics.co.uk

Any further questions?

Contact our Customer Service Team on: 01636 821215

Mercia Garden Products Limited, Sutton On Trent, Newark, Nottinghamshire, NG23 6QN
www.merciagardenproducts.co.uk

WARRANTY AND GUARANTEE

1 Manufacturer's Warranty

All Mercia Garden Products are supplied with a 1 year warranty on all parts against manufacturing defects.
This warranty does not cover movement, warping or splitting of timber products over time.

This warranty will be voided if any of the following occur:

1. The building has been customised or modified/adapted in any way.
2. The person claiming is not the original purchaser of the building.
3. Any damage has been caused by or as a result of misuse.
4. The building has not been maintained and cared for in accordance to our advisories and manufacturer's recommendations.
5. The building has not been treated annually or as per the manufacturer's recommendations, please ensure receipts are kept to validate this claim.
6. The building has not been erected, fitted or installed as per the supplier instructions.
7. The building has not been erected on a suitable sized firm flat, solid level concrete/slab base or placed on pressure treated bearers.
8. The building is or has been placed with 2 feet (60cm) of any obstructions (walls, trees, plants, fences etc.) which can allow moisture to penetrate the timber.
9. The roofing felt has been incorrectly fitted or damaged allowing water ingress, or not properly maintained.
10. Any windows and joints have not been sealed, inside and out, with silicone or other watertight sealant.
11. Any timber has been cut, pierced or drilled without subsequent application of approved cut-end treatment.

REGISTER FOR YOUR
ANTI-ROT
GUARANTEE TODAY

PLEASE SCAN HERE:

2 Anti-rot Guarantee

Mercia Garden Products offer a 10 year anti-rot guarantee on all dip treated (a preparatory treatment) and 15 years on all pressure treated products. This guarantee covers solid timber against rot, decay, blue stain and insect attack.
To validate the guarantee the building must be treated with a recognised wood preserver/water proof top coat (as detailed within manufacturer's recommendations) as soon as possible after assembly and annually thereafter.
This guarantee does not cover movement, warping or splitting of timber products over time.

This guarantee will be voided if any of the following occur:

1. The building has been customised or modified/adapted in any way.
2. The person claiming is not the original purchaser of the building.
3. Any damage is caused by or as a result of misuse.
4. The building has not been maintained and cared for in accordance to our advisories and manufacturer's recommendations.
5. The building has not been treated annually or as per the manufacturer's recommendations, please ensure receipts are kept to validate this claim.
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