

**04GREEN0806SD-V6**  
**8X6 GREENHOUSE**

### 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.*



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.



For ease of assembly, you will need a tape measure to check dimensions of components.

Screws & Nails



Measure overall length

Bolts



Measure under the head

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

### \*\*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, aqueous mixture of sodium dioctyl sulphosuccinat and alcohols: 2, 4, 6-trichlorophenol.



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# 04GREEN0806SD-V6

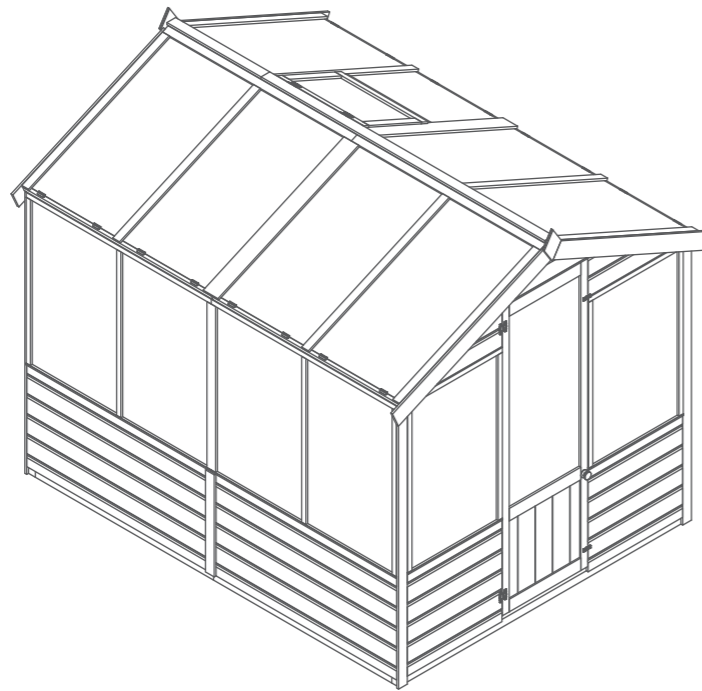
Please retain product label and instructions for future reference

## Overall Dimensions:

Width = 2042mm  
Depth = 2460mm  
Height = 2059mm

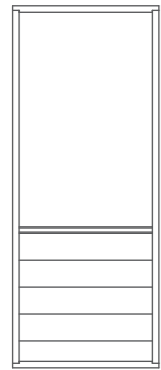
## Base Dimensions:

Width = 1864mm  
Depth = 2386mm



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

1



### Door Side

AI-04GREENDS610X1543-V5

QTY 2

2



### Window Side

AI-04GREENWS1776X1543-V5

QTY 1

3

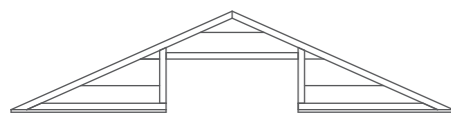


### Small Window Side

AI-04GREENWS1193X1543-V5

QTY 4

4

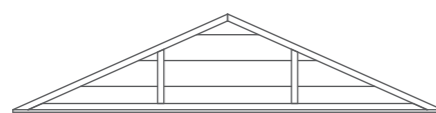


### Door Gable Top

AI-04GREENDGT1864X426-V2

QTY 1

5

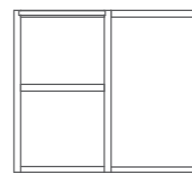


### Plain Gable Top

AI-04GREENPGT1864X426-V2

QTY 1

6

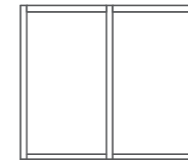


### Roof (Opening Window)

AI-04GREENROOFOW1218X1037-V1

QTY 1

7



### Roof

AI-04GREENROOF1218X1037-V1

QTY 3

8



### Door

AI-04GREENDOOR550X1720-V2

QTY 1

9



### Opening Window

AI-04GREENOW560X460-V2

QTY 1

10



### Base Frame - 44x44x1864mm QTY 2

F4444-1864mm QTY 2

11



### Base Frame - 44x44x1149mm QTY 4

F4444-1149mm QTY 4

12



### Fascia - 12x95x1075mm QTY 4

S1295-1075mm QTY 4

13



### Roof Support Bar - 27x44x1829mm QTY 1

F2744-1829mm (8mm LIP, X2 66DEG CUTS)

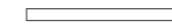
14



### Roof Support Bar - 27x44x607mm QTY 1

F2744-607mm (8mm LIP, X2 66DEG CUTS)

15



### Fascia Block - 28x28x251mm QTY 4

FS2828-251mm QTY 4

16



### Roof Trim - 12x56x607mm QTY 1

S1256-607mm QTY 1

17



### Roof trim - 12x56x1829mm QTY 1

S1256-1829mm

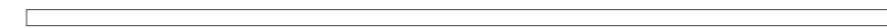
18



### Door Frame - 27x44x556mm QTY 1

F2744-556mm

19



### Door strip - 12x27x1717mm QTY 2

S1227-1717mm QTY 2

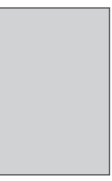
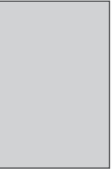
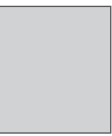
20


















### Door strip - 12x27x556mm QTY 1

S1227-556mm







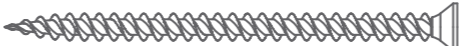
- 21**  **Butterfly Hinges QTY 4**  
PI-07-0004
- 22**  **Window Casement Stay QTY 1**  
PI-07-0008
- 23**  **Window Glazing Bead QTY 16**  
PI-07-0063
- 24**  **Finial QTY 2**  
SHED DIAMOND FINIAL
- 25**  **Wooden Knob QTY 1**  
PI-04-0024
- 26**  **Turn Button QTY 2**  
PI-07-0182

- 27**  **Styrene - 985x570x2mm QTY 7**  
PI-05-0157
- 28**  **Styrene - 942x570x2mm QTY 13**  
PI-05-0151
- 29**  **Styrene - 503x570x2mm QTY 1**  
PI-05-0158

- 30**  **Strip - 12x95x993mm QTY 2**  
S1295-993mm QTY 2
- 31**  **Strip - 12x56x1576mm QTY 4**  
S1256-1576mm QTY 4
- 32**  **Strip - 12x56x926mm QTY 2**  
S1256-926mm QTY 2
- 33**  **Strip - 12x56x570mm QTY 2**  
S1256-570mm QTY 2

- 34**  **Strip - 12x44x1218mm QTY 4**  
S1244-1218mm QTY 2
- 35**  **Strip - 12x44x993mm QTY 8**  
S1244-993mm QTY 8
- 36**  **Strip - 12x44x543mm QTY 1**  
S1244-543mm
- 37**  **Strip - 12x27x1776mm QTY 1**  
S1227-1776mm
- 38**  **Strip - 12x27x1193mm QTY 4**  
S1227-1193mm QTY 4
- 39**  **Strip - 12x27x926mm QTY 16**  
S1227-926mm QTY 16
- 40**  **Strip - 12x27x610mm QTY 2**  
S1227-610mm QTY 2
- 41**  **Strip - 12x21x560mm QTY 1**  
S1221-560mm
- 42**  **Plastic Window Cill - 1776mm QTY 1**  
PI-08-0020
- 43**  **Plastic Window Cill - 1193mm QTY 4**  
PI-08-0019
- 44**  **Plastic Window Cill - 610mm QTY 2**  
PI-08-0021

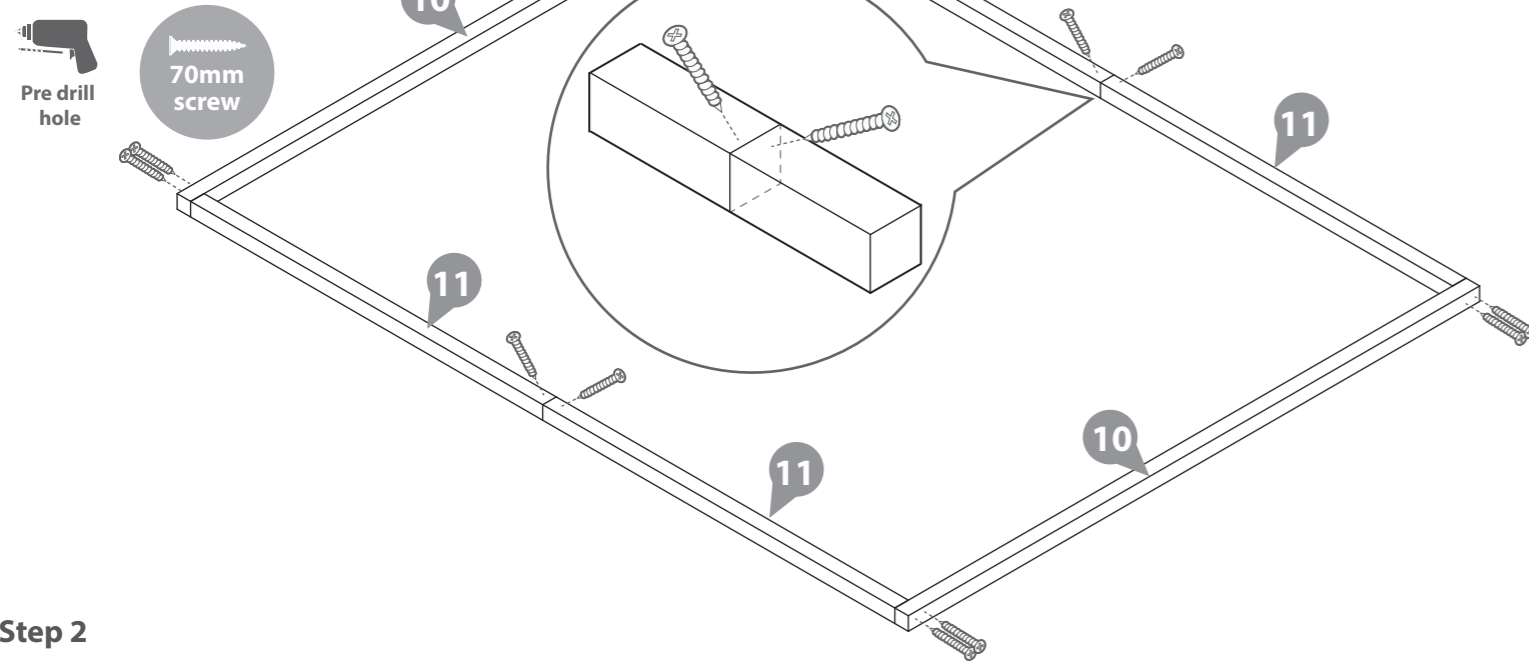
**Nail Bag**

	30mm Screw x 197		16mm Screws x 16
	40mm Screw x 17		20mm Screw x 6
	50mm Screw x 67		30mm Black Screw x 18
	70mm Screw x 20		

**Step 1**

Lay the base frame down as shown in the diagram. Ensure the base is square and laid on level ground, fix the base framing (**No. 10**) & (**No. 11**) together with 2 x 70mm screws per corner and 2 x 70mm screws to join the two short base frames - pre drill to avoid splitting the timber.

12 x 70mm screws.

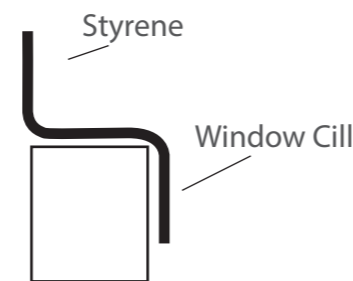
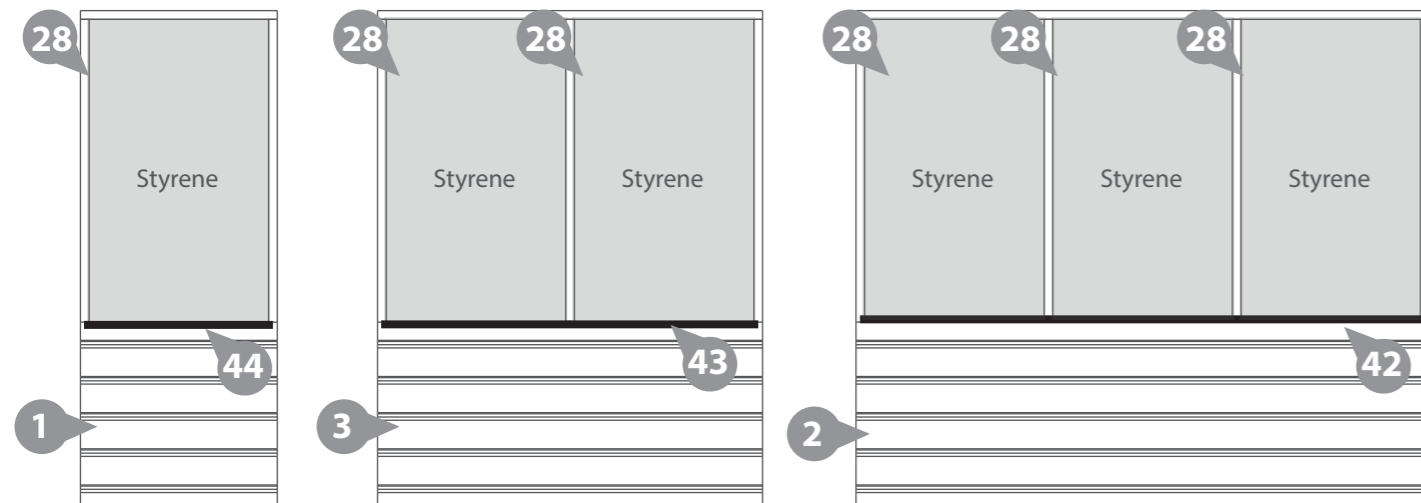


**Step 2**

Assemble the window (**No. 2 & No. 3**) and door side (**No. 1**) panels on the floor.

Place the plastic window cills (**No. 42, No. 43 & No. 44**) externally onto the lip of each panel.

Lay the styrene (**No. 28**) on top of each opening so that it overlaps the surrounding framing equally on both sides as per the diagram.



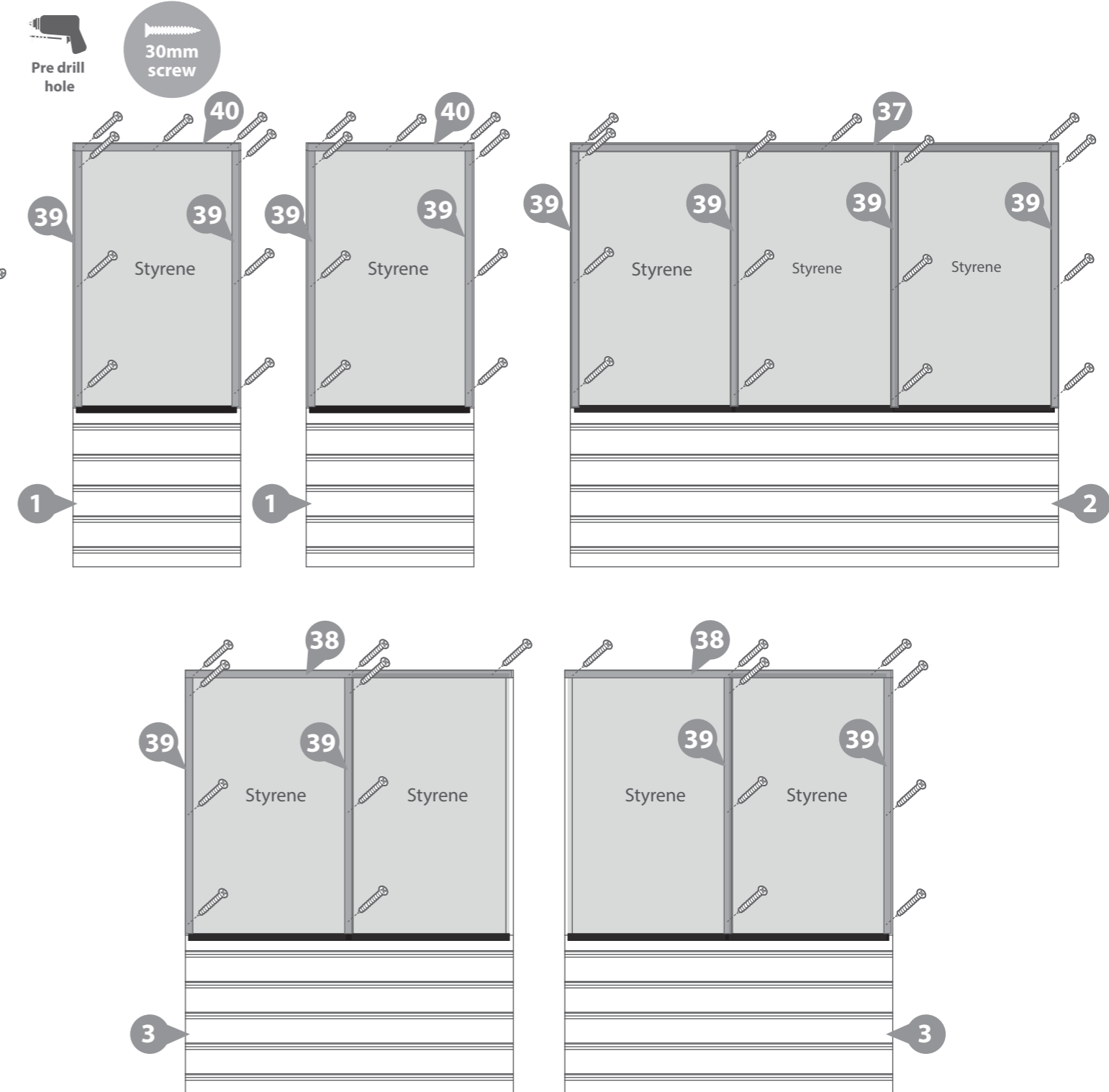
**Step 3**

Attach the window strips (**No. 37, No. 38, No. 39 & No. 40**) using 3x30mm screws as per the diagram. Ensure the strips do not protrude the width of the window frame.

Ensure you screw into the window strips to the side of where the styrene meets the window frame.

\*Whilst attaching the strips to the small window panel (**No. 3**) working in pairs leave one side without a strip which will be attached one the panels have been fixed together.

69x30mm screws



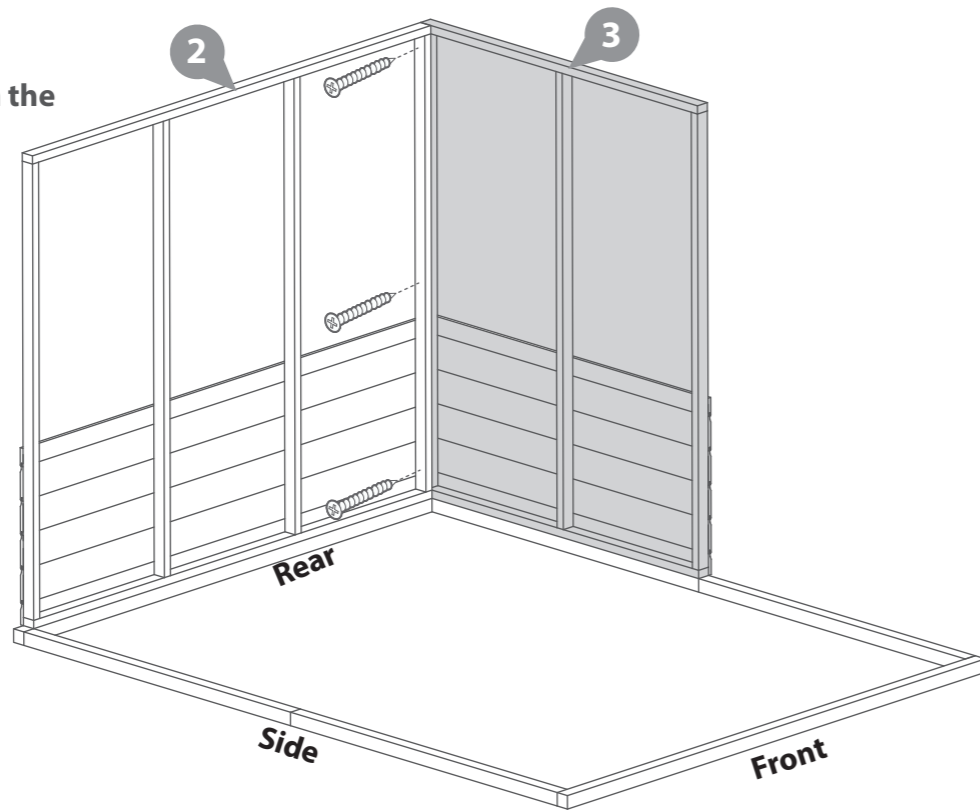
\*Construct the above pair of small window panels twice

**Step 4**

Fix the corners of the Window Side (**No. 2**) and the Small Window Side (**No. 3**) with 3x50mm screws as shown in the diagram.

**\*The small window side sits on the outside of the window panel\***

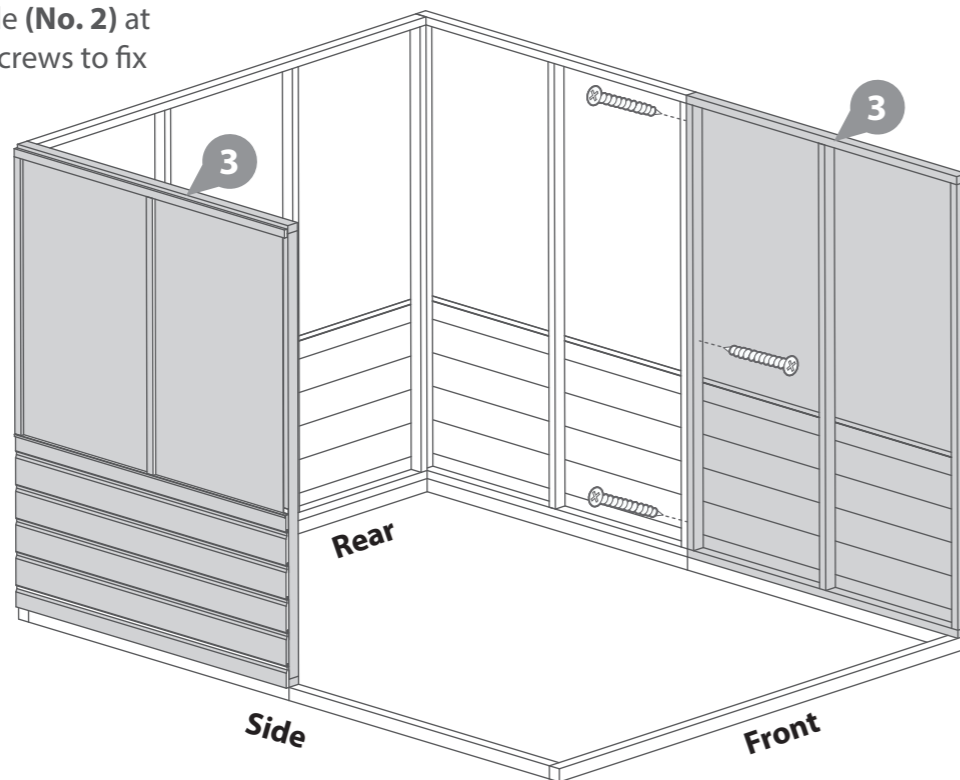
3x50mm screws.



**Step 5**

Fix a Small Window Side (**No. 3**) next to the Small Window Side and to the outside edge of the Window Side (**No. 2**) at the corner using 3 x 50mm screws to fix the panels together.

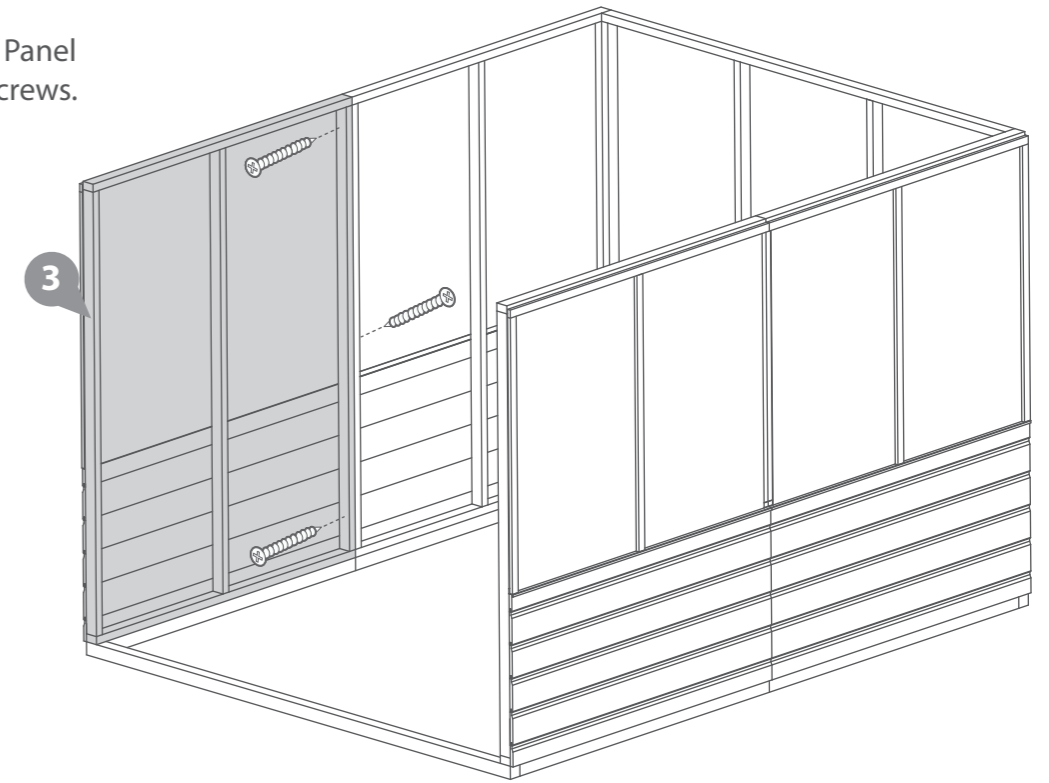
6x50mm screws.



**Step 6**

Fix the remaining Small Window Panel (**No. 3**) in place using 3x50mm screws.

3x50mm Screws.

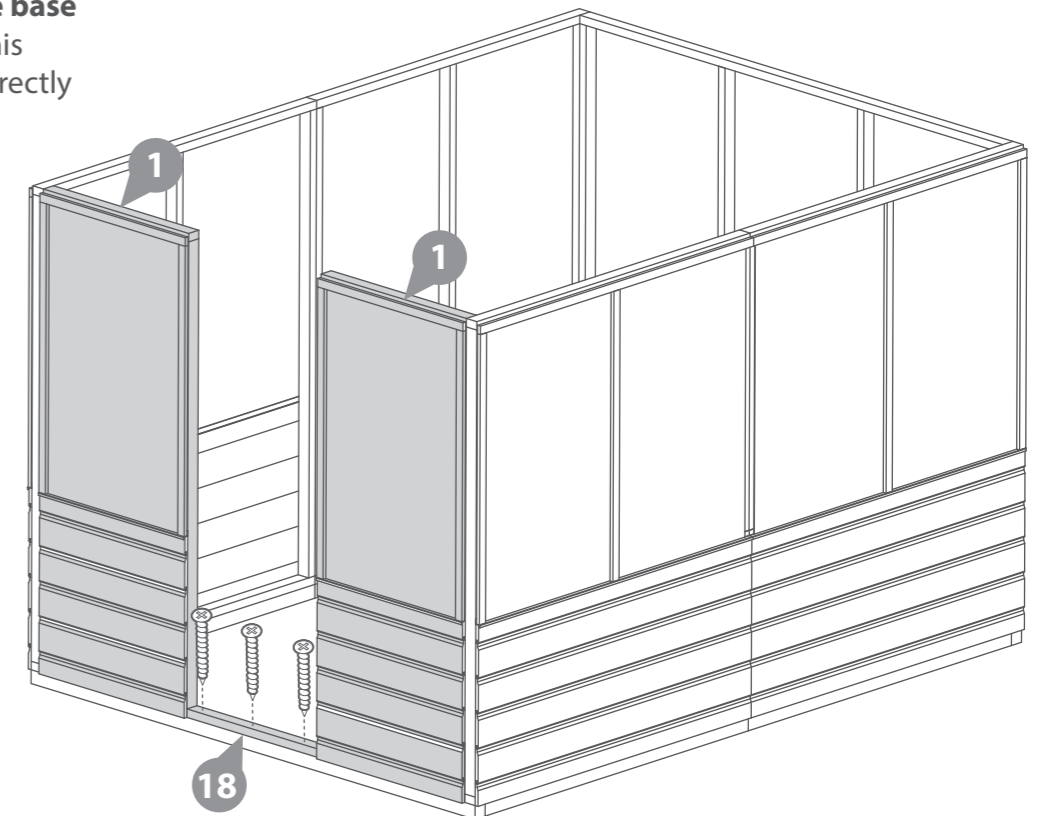


**Step 7**

Place both Door Sides (**No. 1**) inside the Small Window Sides and fix in the corner using 3x 50mm screws each.

Fix the Door frame (**No. 18**) to the base frame between the Door sides. This allows for the door sides to be correctly spaced.

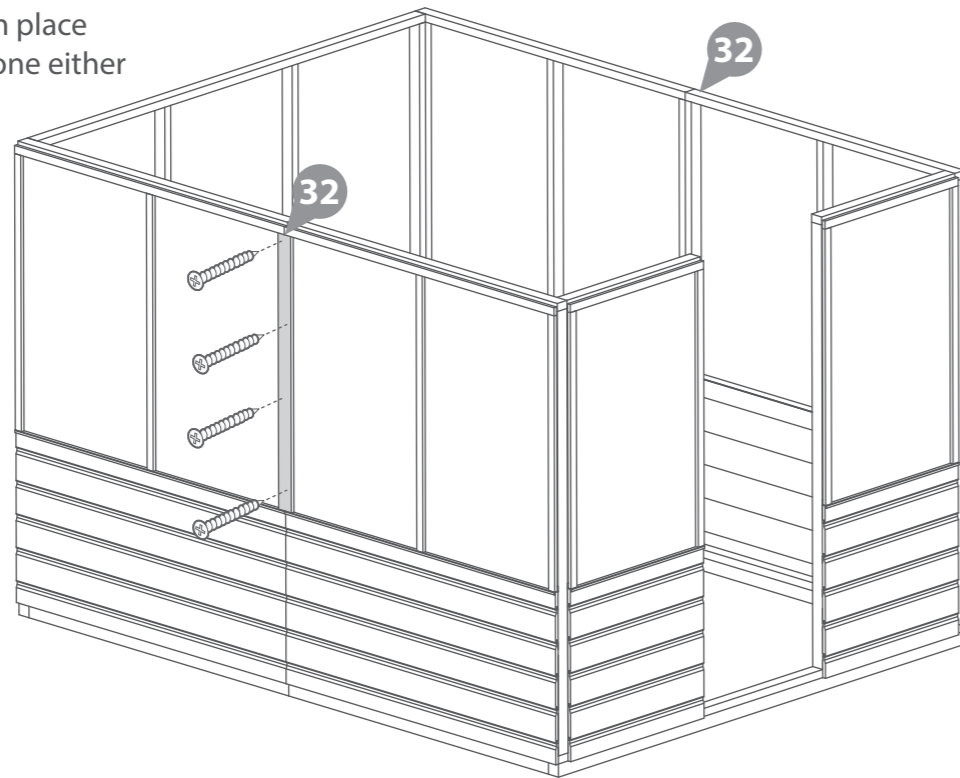
6x50mm Screws  
3x40mm Screws.



**Step 8**

Fix a strip (**No. 32**) over the two Small Window Panels (**No. 3**) and fix in place with 4x30mm screws per strip, one either side of the greenhouse.

**8x30mm Screws.**



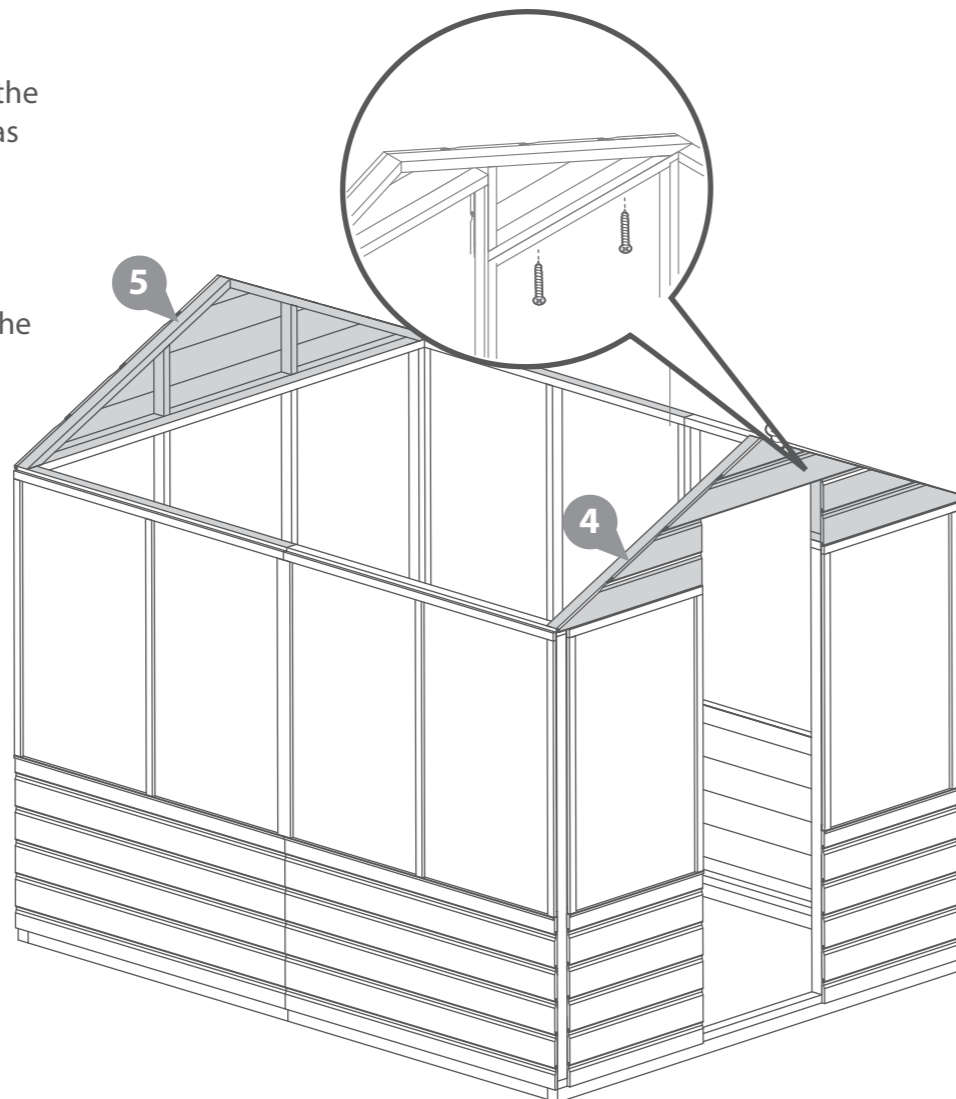
**Step 9**

Fix the gable tops (**No. 4**) & (**No. 5**) to the panels using 4x50mm screws per top as shown in the diagram.

**8x50mm Screws.**

The building can now be attached to the floor framing with 50mm screws.

**24x50mm Screws.**



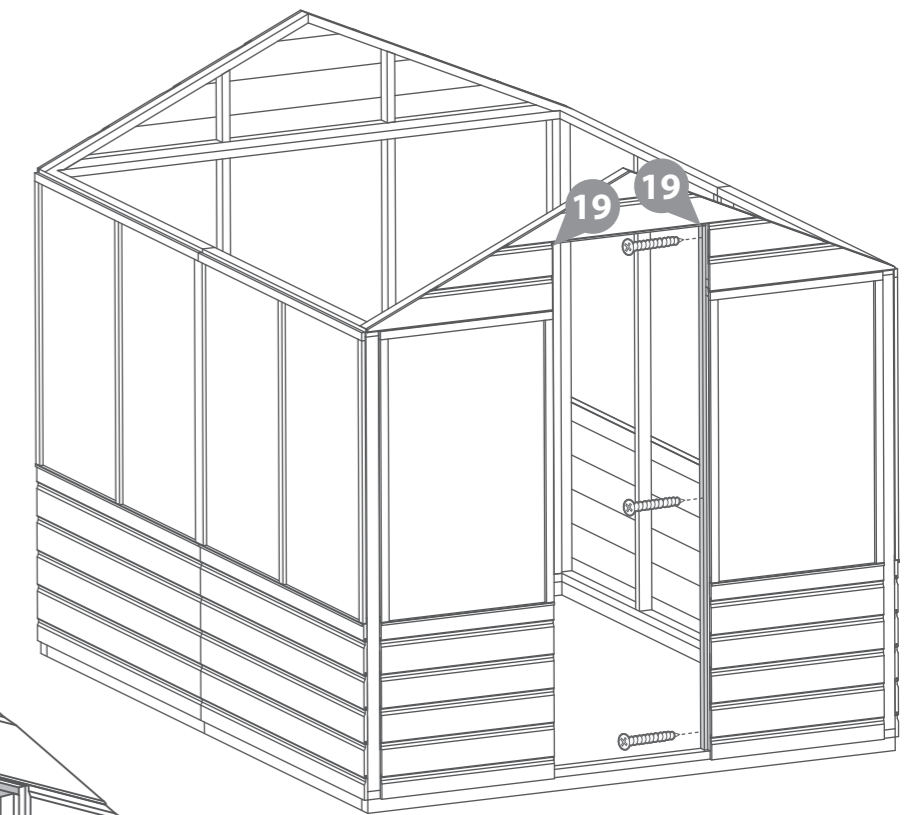
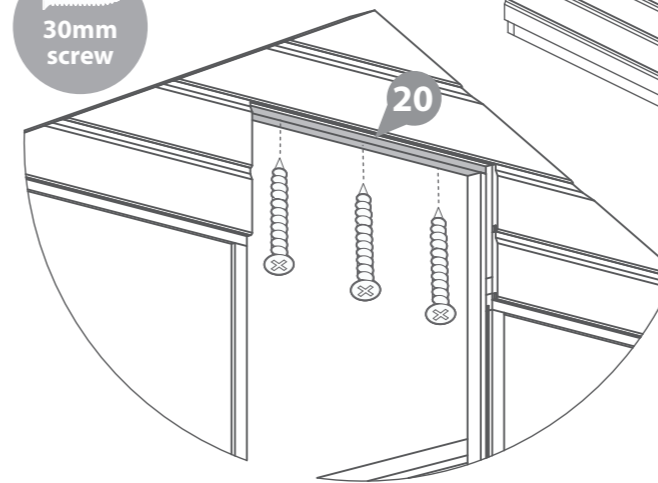
**Step 10**

Fix the two Door strips (**No. 19**) to either side of the door panels with 3x30mm screws per strip flush to the internal edge.

**6x30mm Screws.**

Fix the Door strip (**No. 20**) to the top of the door opening flush to the inside edge with 3x30mm screws.

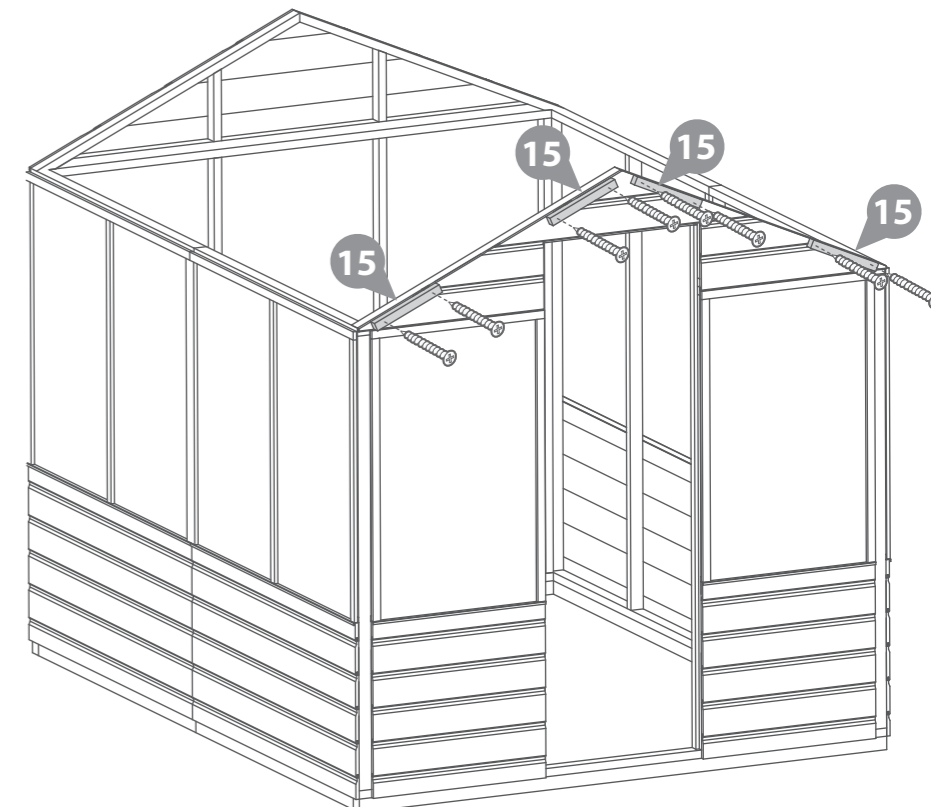
**3x30mm Screws**



**Step 11**

Align the Fascia Blocks (**No. 15**) to the top edge of the Door Gable Top and fix in place using 2x50mm screws per block.

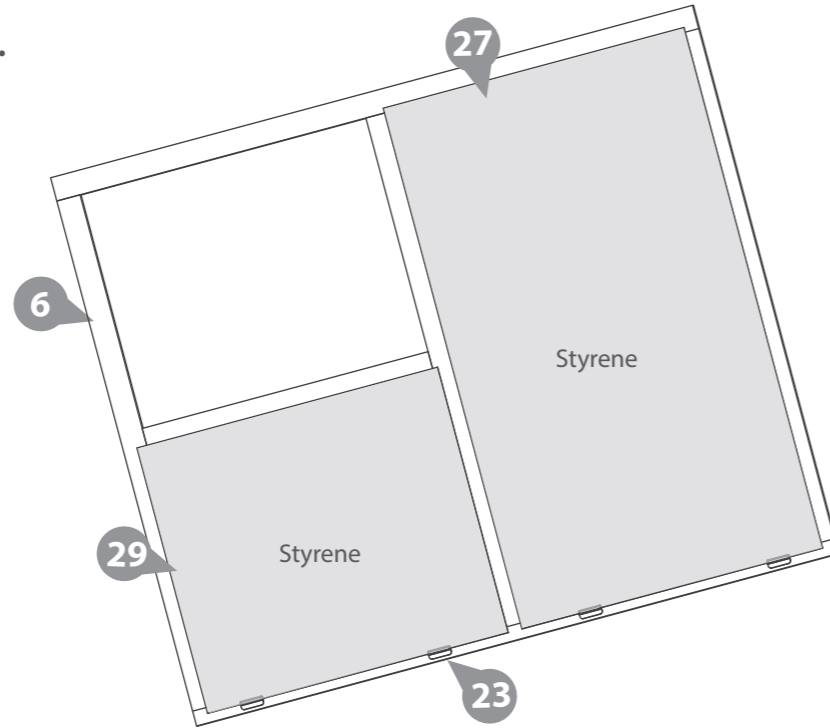
**8x50mm Screws.**



**Step 12**

Lay the roof (opening window) panel (No. 6) down and place the styrene sheets (No. 27 & No. 29) in position using the window glazing beads (No. 23) which is required to be screwed down with 2x16mm screws. Ensure the thinner edge of the frame is facing the bottom.

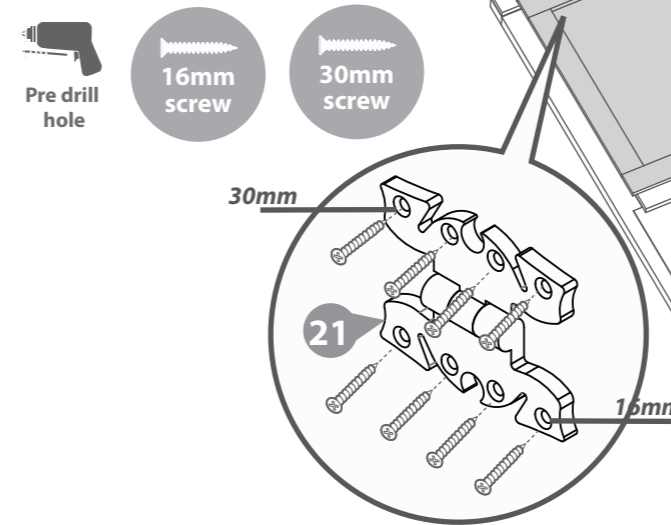
**8x16mm Screws.**



**Step 14**

Place the window (No. 9) into the gap in the roof (No. 6) and secure strip (No. 41) using 4x30mm screws. Fix 2x butterfly hinges (No. 21) to the strip using 4x16mm screws on the window side and 4x30mm screws on the roof strip.

**8x16mm screws  
12x30mm screws**

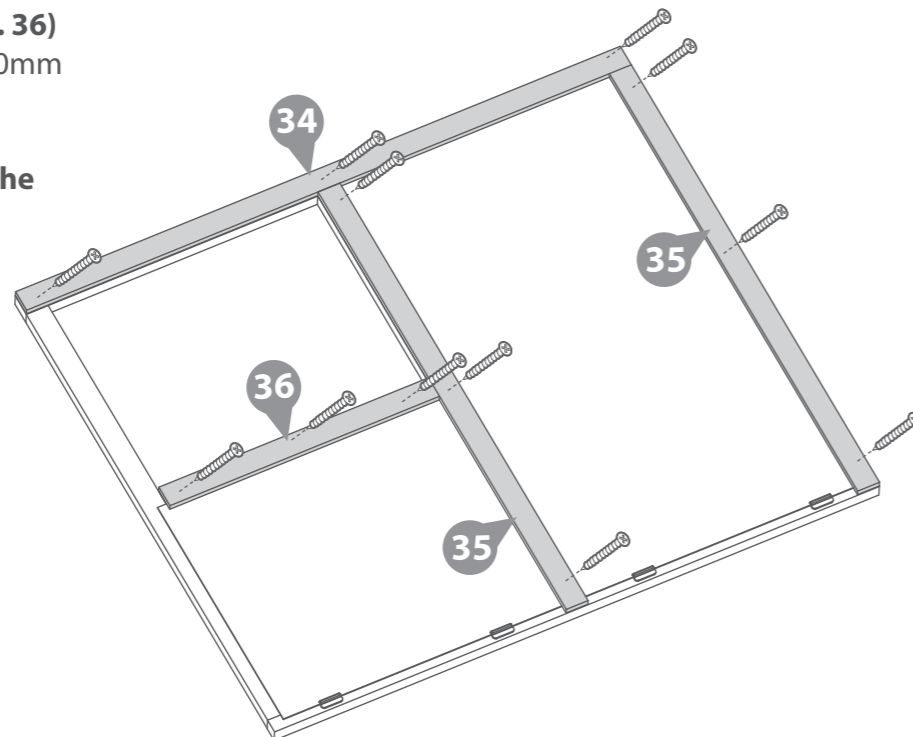


**Step 13**

Fix the strips (No. 34, No. 35 & No. 36) onto the window frame using 3x30mm screws per strip.

**Ensure you screw to the side of the styrene not through it.**

**12x30mm Screws.**



**Step 15**

Repeat step 12, 13 & 14 for the three roof panel 7's.

Do not fit strips on the inside of the roof panels which will sit next to another roof panel, see illustration.



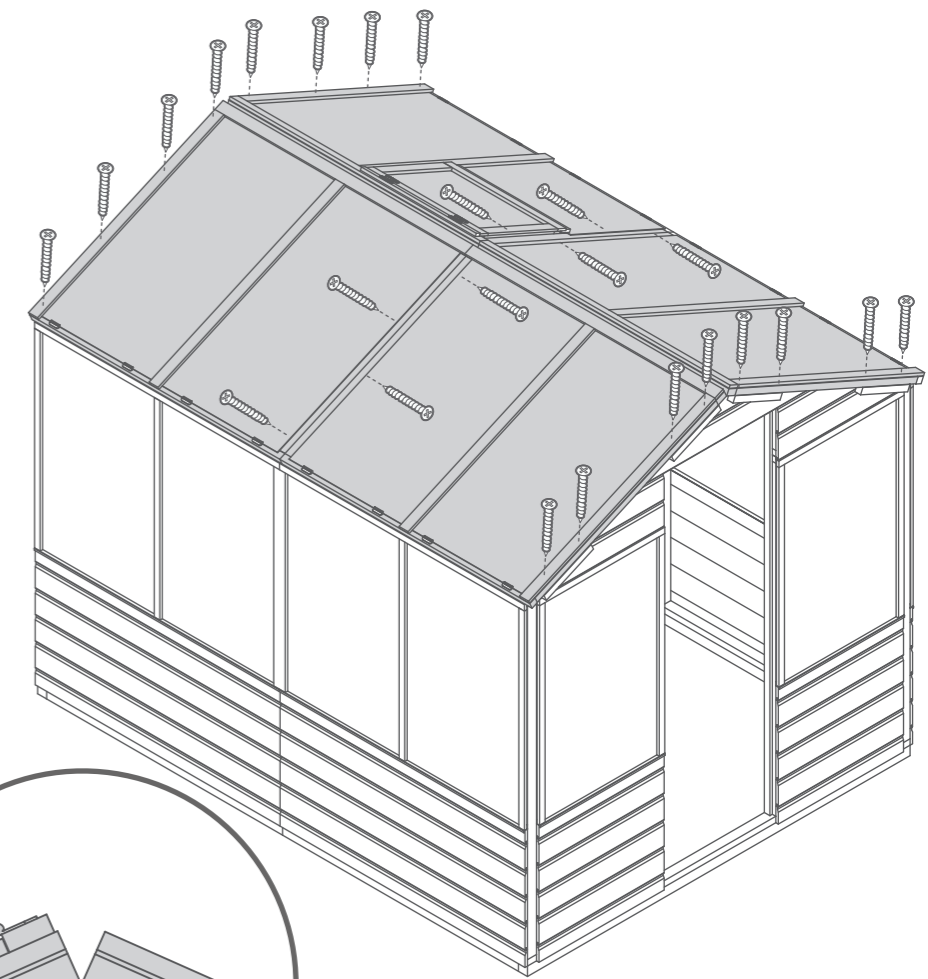
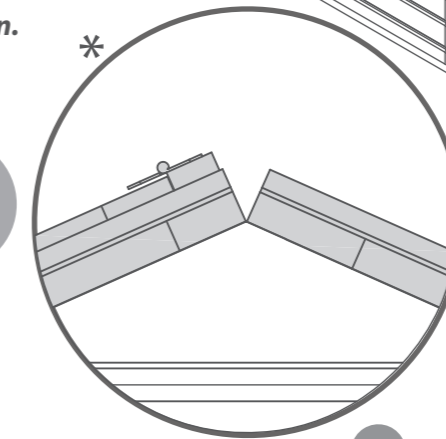
**Step 16**

Place the Roof panels (No. 6) & (No. 7) on top of each gable, making sure the roofs are flush to the Plain Gable and meet at the top of the apex\* Fix the roof panels together from the inside of the greenhouse in the middle using 4x70mm screws.

Secure each roof panel to the building using 50mm screws except at the front of the greenhouse. Fix the front of the roof panels to the Fascia Blocks (No. 15).

**8x70mm Screws.  
16x50mm Screws.**

**\*IMPORTANT: Ensure both roof sections meet at the top of the apex as shown in the illustration.**



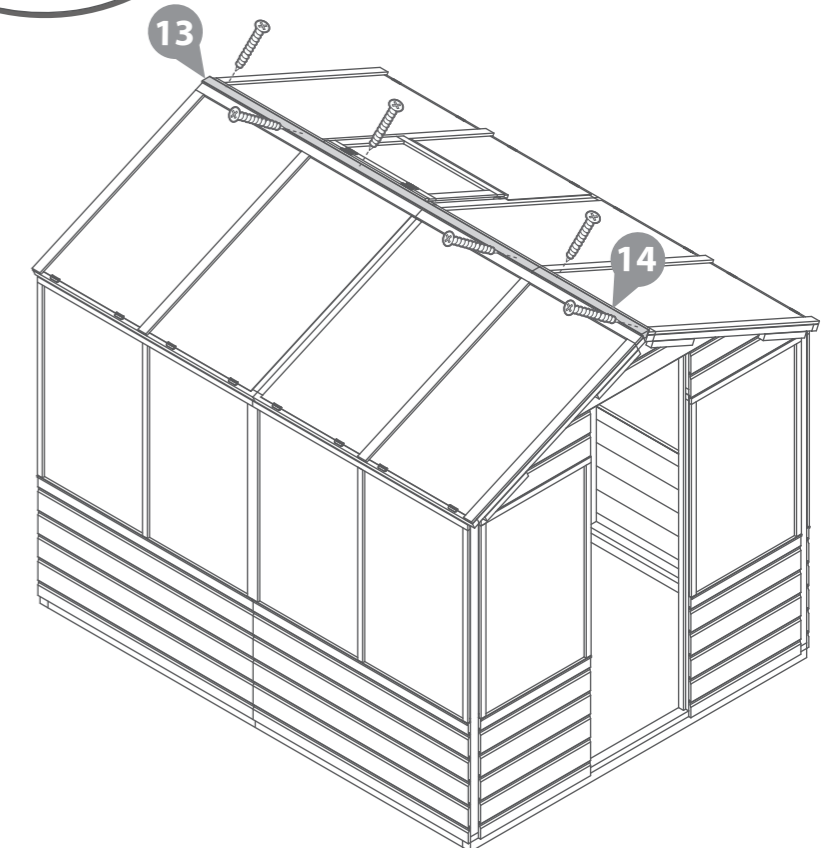
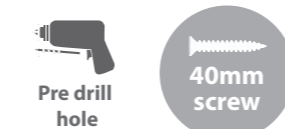
**Step 17**

Place both Roof Support Bars (No. 13 & No.14) between the roofs flush up against each other as shown.

Fix both Roof Support bars to the roof panels using 40mm screws

Screw diagonally through the support into the roof panel as shown in the diagram.

**6x40mm Screws.**

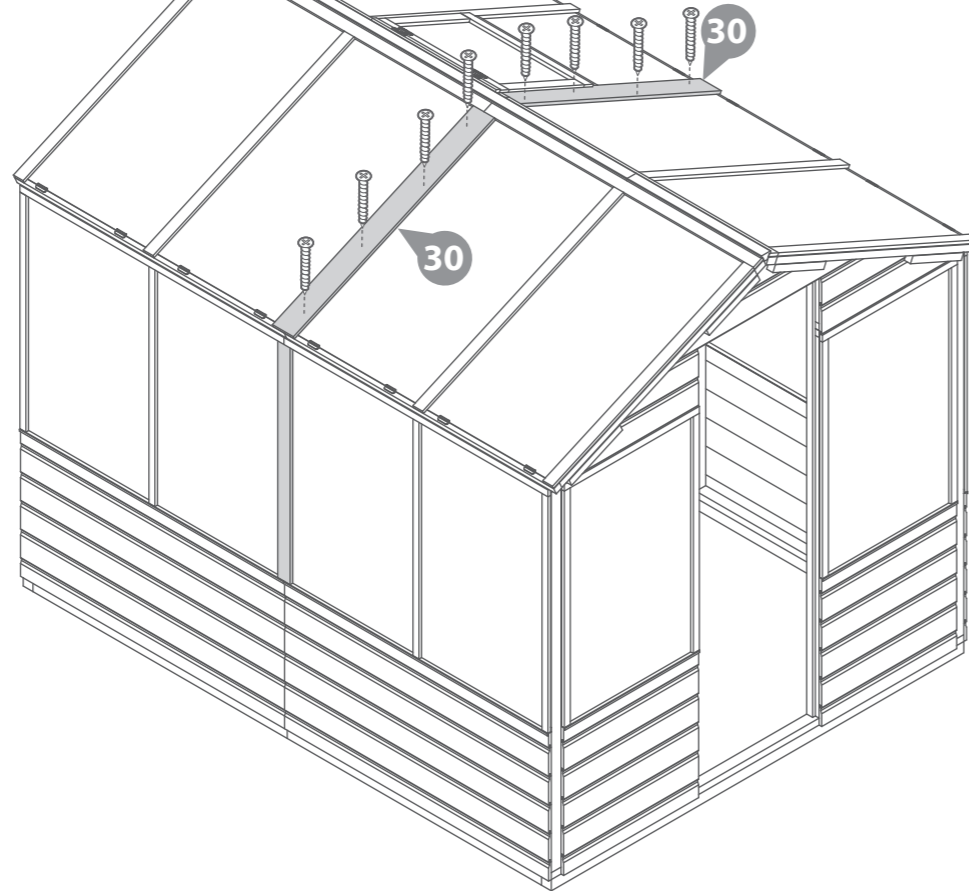




### Step 18

Fix strip (No. 30) to the roofs to cover the panel joins using 4x30mm screws per strip.

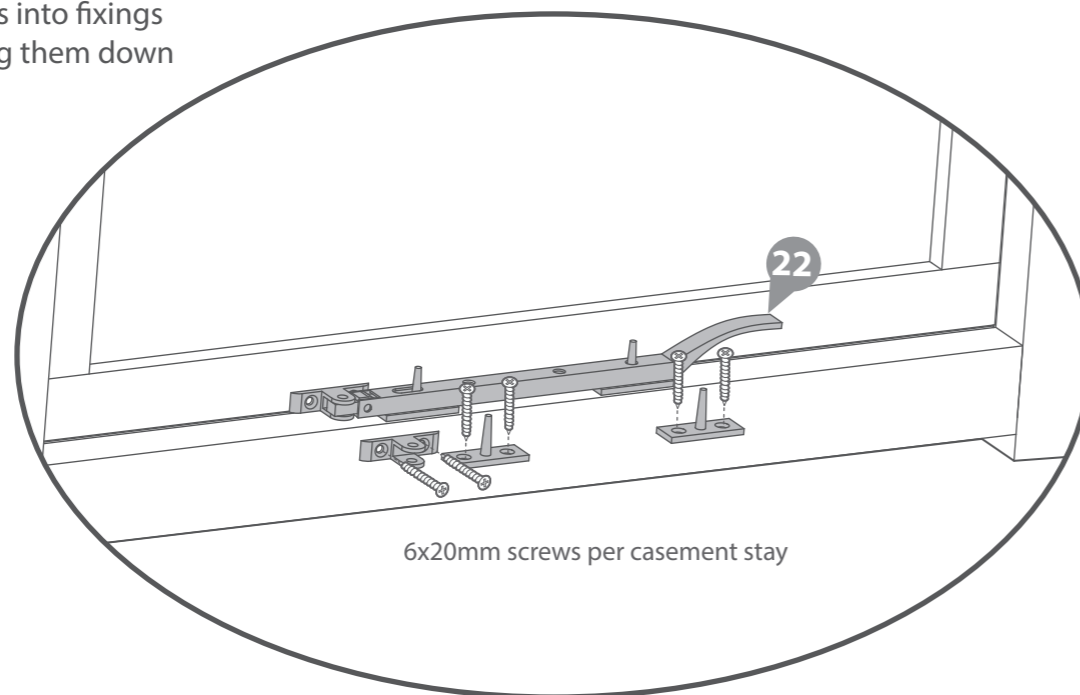
**8x40mm Screws.**



### Step 19

Fix the Window Casement stay (No. 22) to the opening window then align the fixings onto the window panel frame. Ensure the casement stay fits into fixings when closed before screwing them down using 6x20mm screws.

**6x20mm Screws.**



### Step 20

Fix the door (No. 8) to the building using 16x30mm black screws per hinge (No. 21) as shown in the diagram.

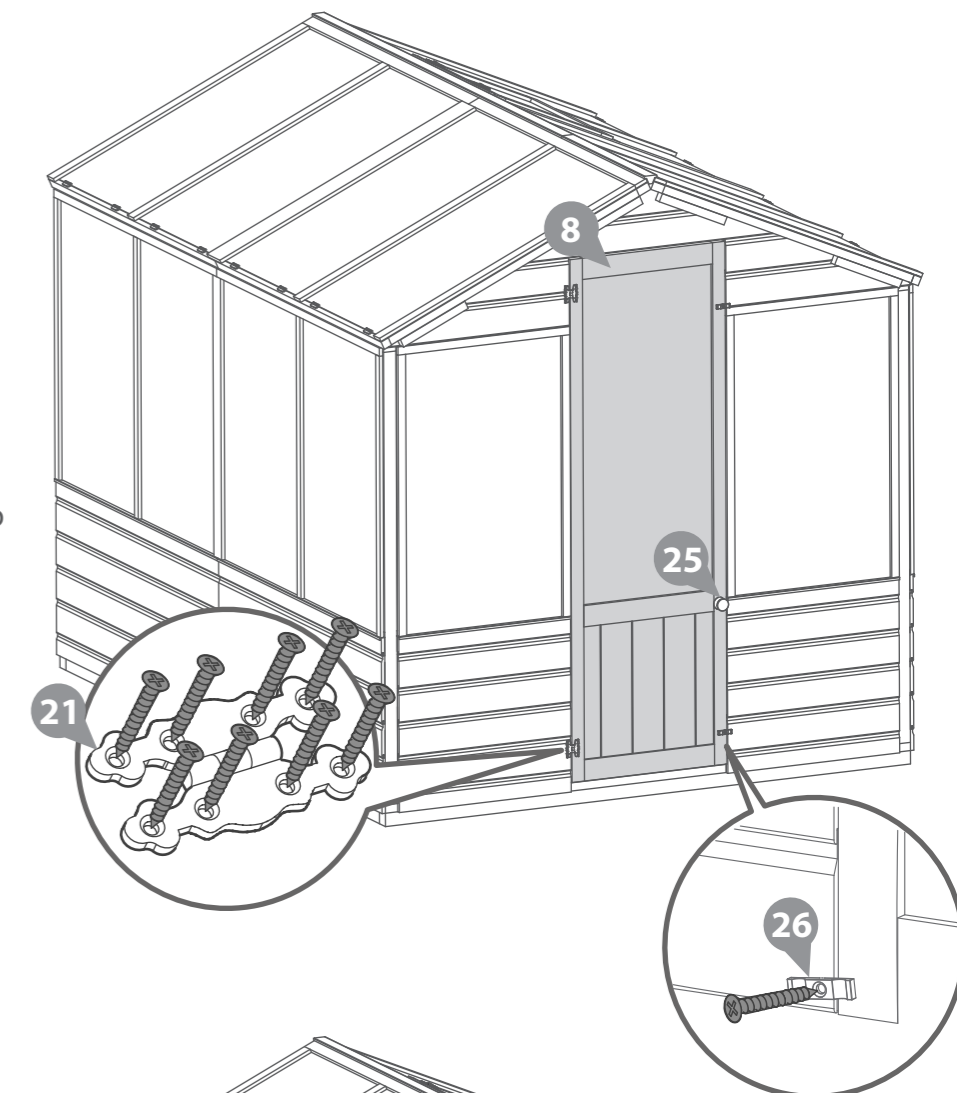
**16x30mm Black Screws.**

Fit the turn buttons (No. 26) to the building using 2x30mm black screws.

**2x30mm Black Screws.**

Using a 50mm screw fit the wooden knob (No. 25) by screwing through the inside of the door into the back of the handle.

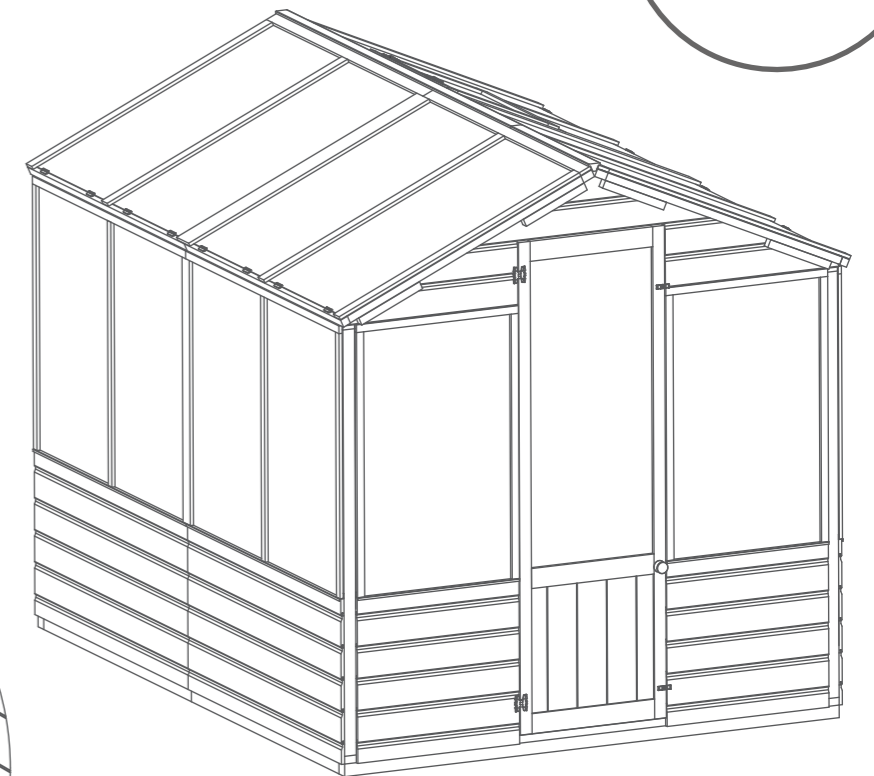
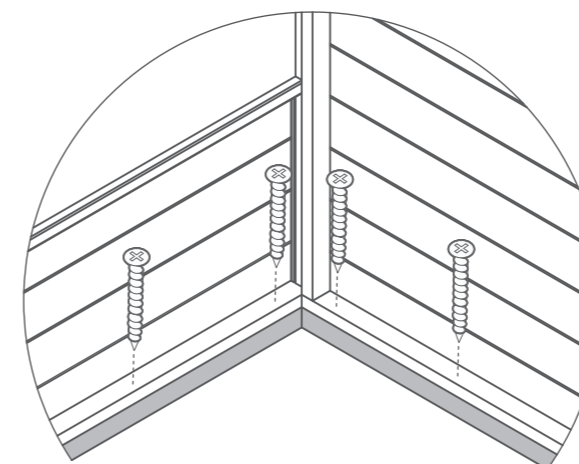
**1x50mm Screw**



### Step 21

Fix the building to the base with 50mm screws evenly spaced as shown.

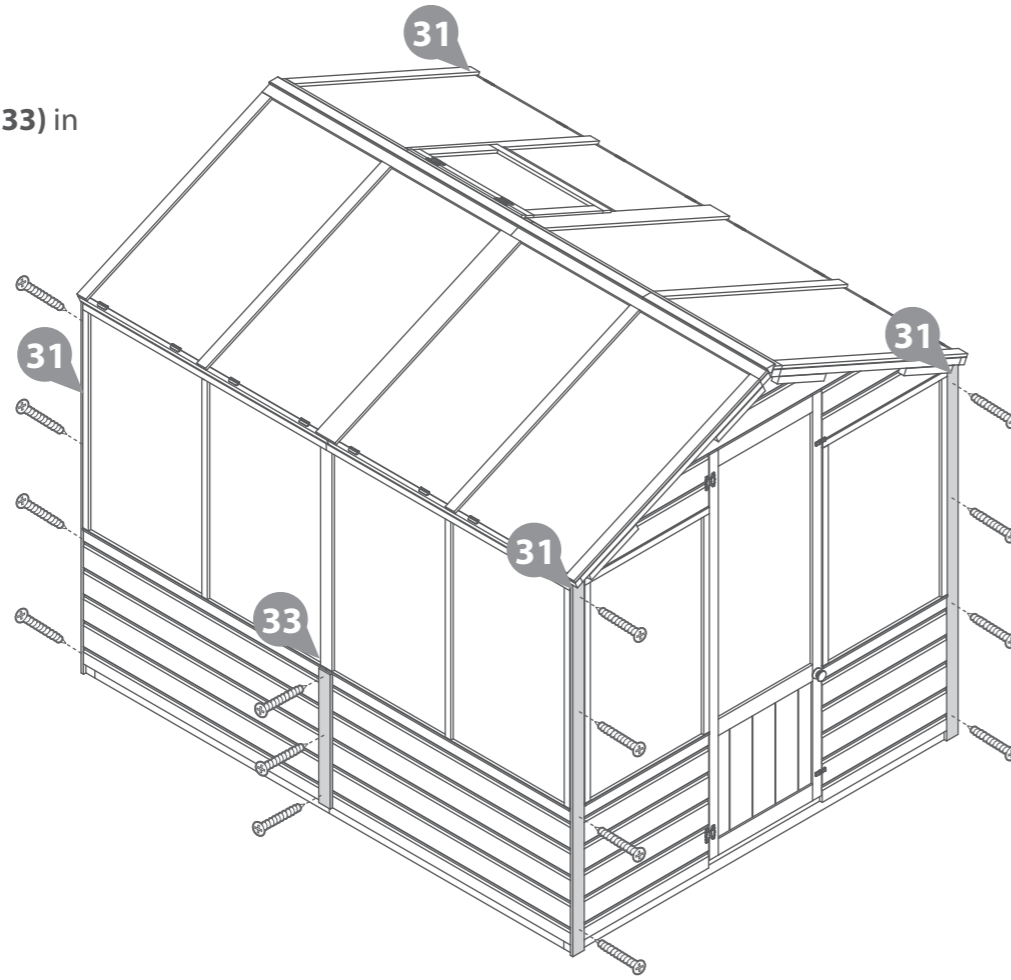
**16x50mm Screws.**



**Step 22**

Fix the corner trims (No. 31 & No. 33) in position using 30mm screws.

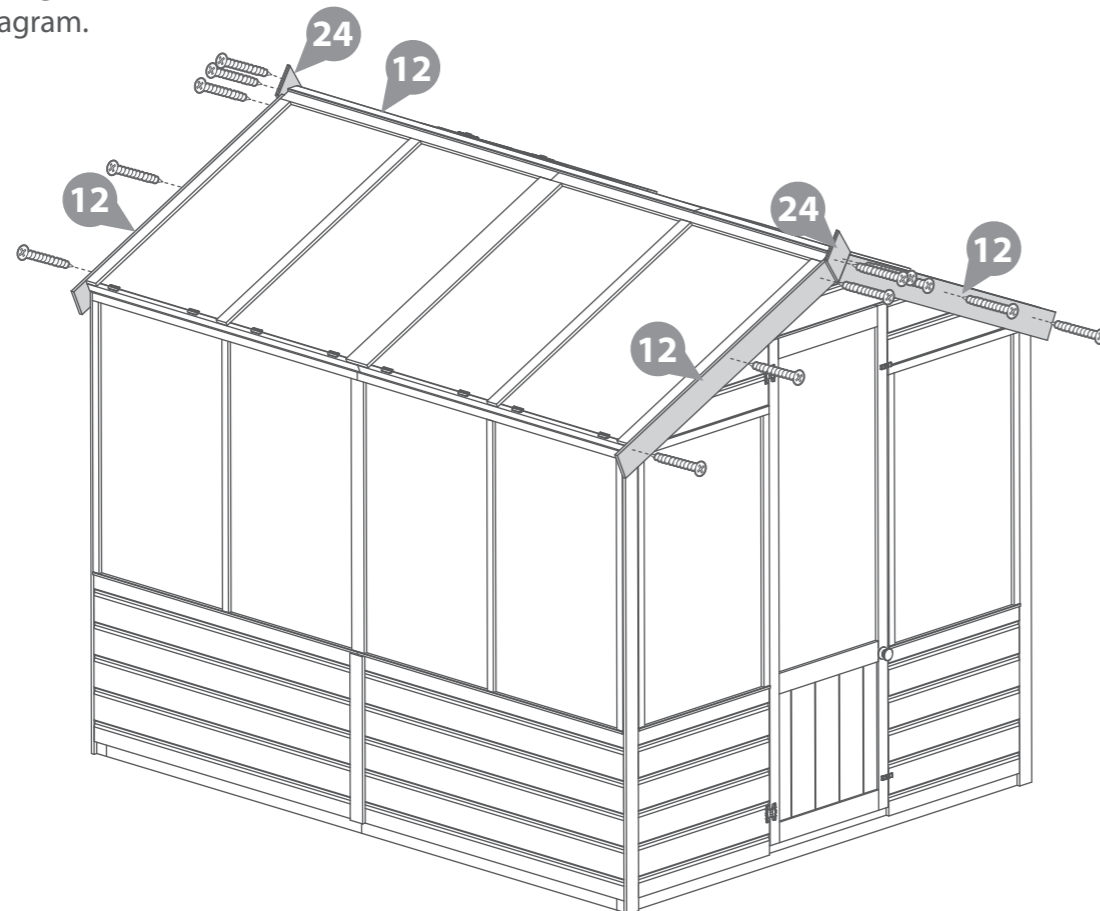
**22x30mm Screws**



**Step 23**

Fix the Fascias (No. 12) and the finials (No. 24) to the building using 14x30mm screws as shown in the diagram.

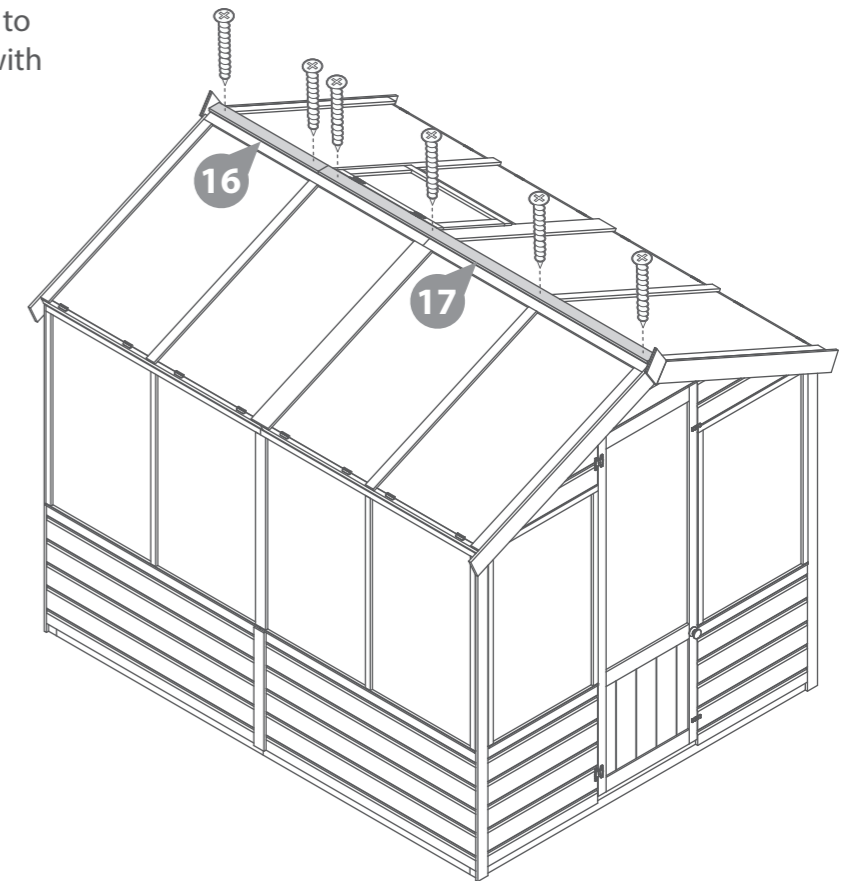
**14x30mm Screws**



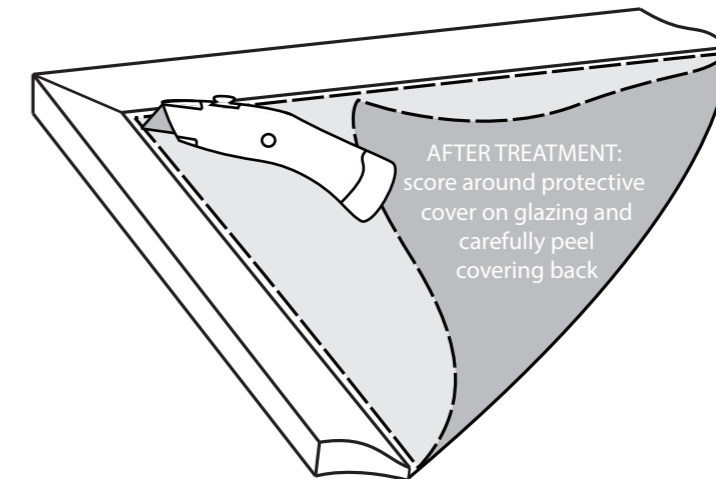
**Step 24**

Fix the Roof trims (No. 16 & No. 17) to the top of the building and secure with 30mm screws per trim as shown.

**6x30mm Screws**



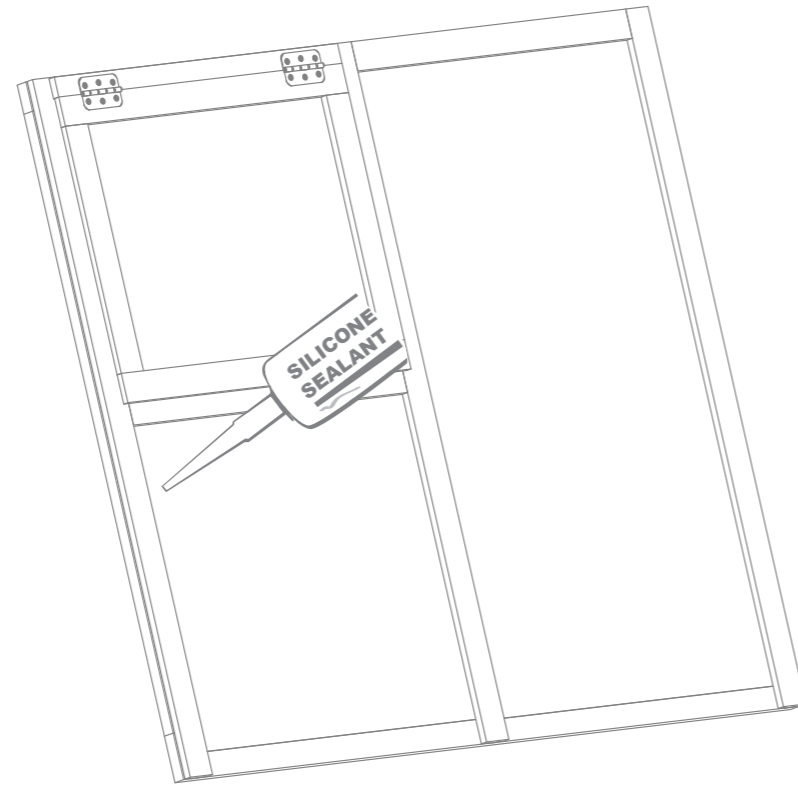
**Step 25**



### Step 26

It is **ESSENTIAL** to seal around all window framing with silicone sealant (**not included**) to minimize water ingress.

*\*Please note: This image is for illustrative purpose and may differ from your product (in regards to the number of windows) however the principle is the same.*



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](http://www.mgplogistics.co.uk)

Any further questions?

Contact our  
Customer Service  
Team on:  
01636 821215

## 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.
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