

General Instructions

Please retain product label and instructions for future reference

04GREENLEAN0804-V2

8x4 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.



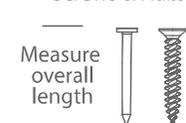
CAUTION

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.



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



04GREENLEAN0804-V2

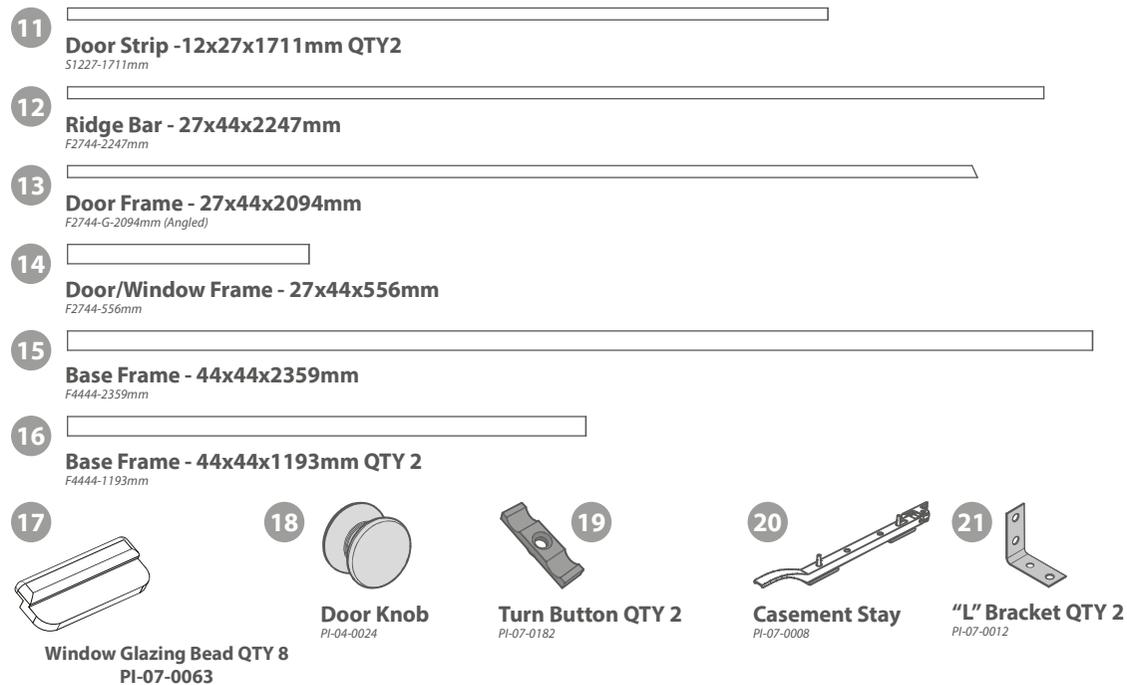
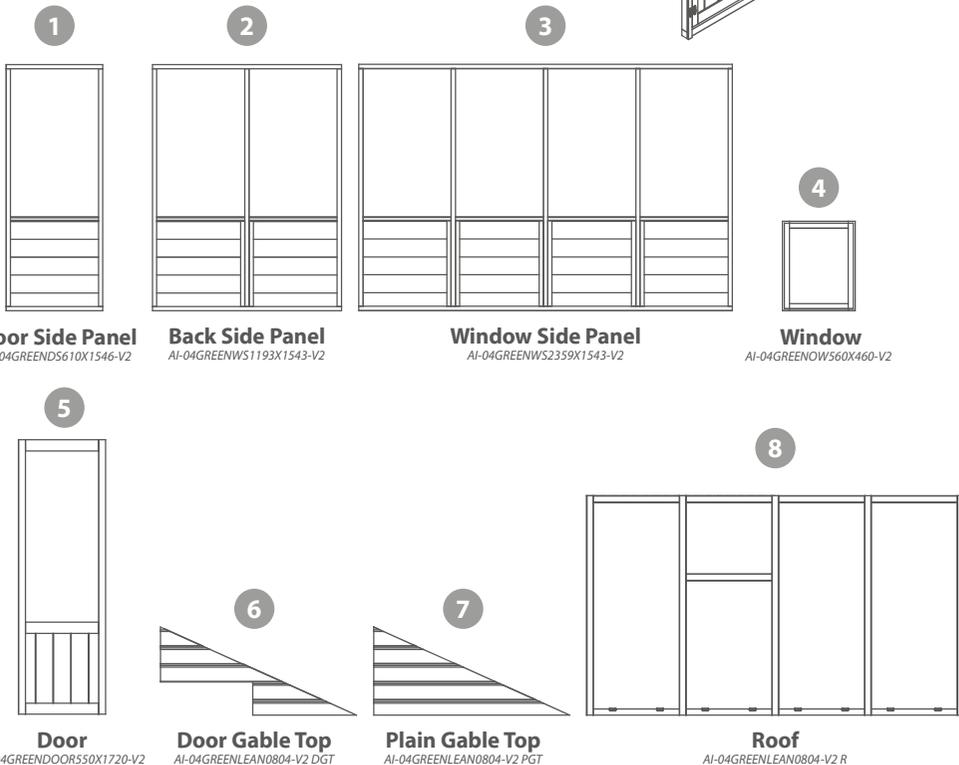
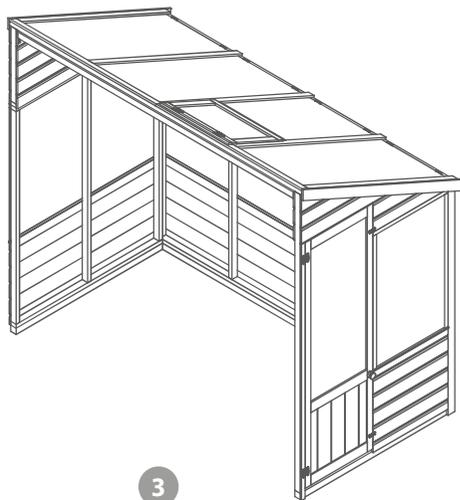
Please retain product label and instructions for future reference

Overall Dimensions:

Width = 2407mm
Depth = 1267mm
Height = 2178mm

Base Dimensions:

Width = 2359mm
Depth = 1237mm





22 **Strip - 12x56x1582mm QTY2**
F1256-1582mm



23 **Strip - 12x27x1794mm**
S1227-1794mm



24 **Strip - 12x27x556mm**
S1227-556mm



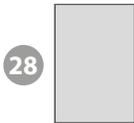
25 **Plastic Window Cill - 610mm**
PI-08-0021



26 **Plastic Window Cill - 2359mm**
PI-08-0022



27 **Plastic Window Cill - 1193mm**
PI-08-0019



28 **Styrene - 560x1305x2mm QTY 3**
PI-05-0205



29 **Styrene - 560x815x2mm**
PI-05-0206



30 **Styrene - 942x570x2mm QTY 7**
PI-05-0151



31 **Strip - 12x44x1332mm QTY 5**
S1244-1332mm



32 **Strip - 12x44x543mm**
S1244-541mm



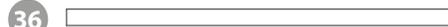
33 **Strip - 12x27x610mm**
S1227-610mm



34 **Strip - 12x27x1193mm**
S1227-1193mm



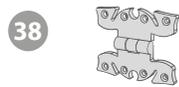
35 **Strip - 12x27x937mm QTY 10**
S1227-937mm



36 **Strip - 12x27x560mm**
S1227-560mm



37 **Strip - 12x20x2359mm**
S1220-2359mm



38 **Butterfly Hinges QTY 4**
PI-07-0004

Nail Bag

-  70mm Screws - 4
-  50mm Screws - 31
-  40mm Screws - 27
-  30mm Screws - 121
-  20mm Screws - 14
-  16mm Screws - 16

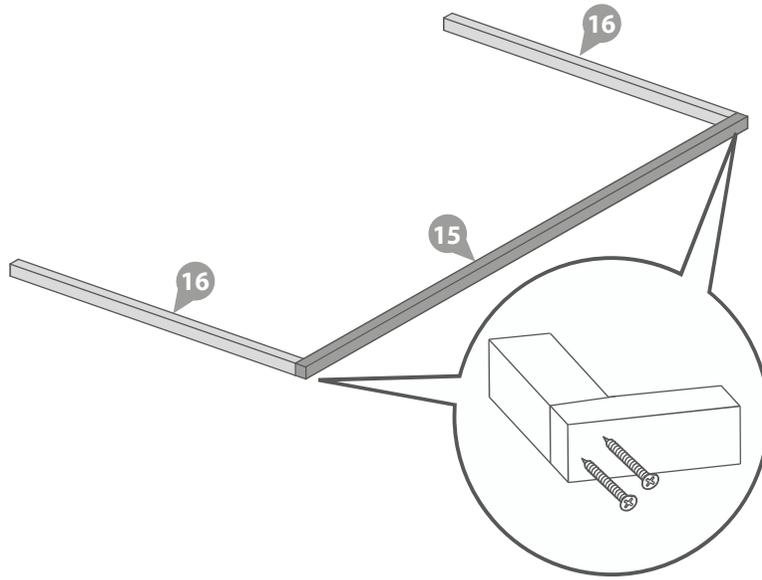
****Please note: Due to variations in house construction methods and materials, NO fixings are included with this product. If you are unsure to which fixings you require we recommend that you consult with your local builders merchants or DIY store.****

Step 1

Arrange the base frame(s) (No's. 15 & 16) onto your base as shown in the illustration.

Ensure your base is square and layed onto a firm and level surface that has suitable drainage and is free from areas where standing water can collect.

4x70mm screws.

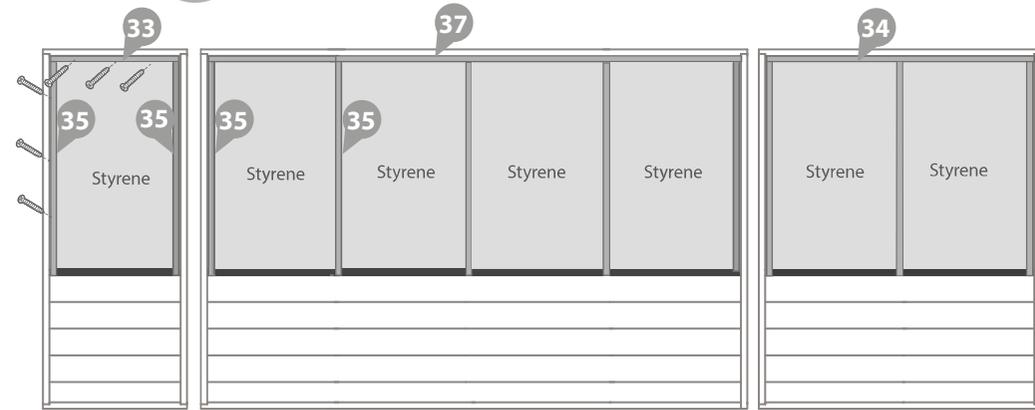


Step 3

Attach the window strips (No. 33, 34, 35, 37) using 3x30mm screws as per the diagram. Ensure the framing does not protude the width of the window frame.

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

42x30mm screws

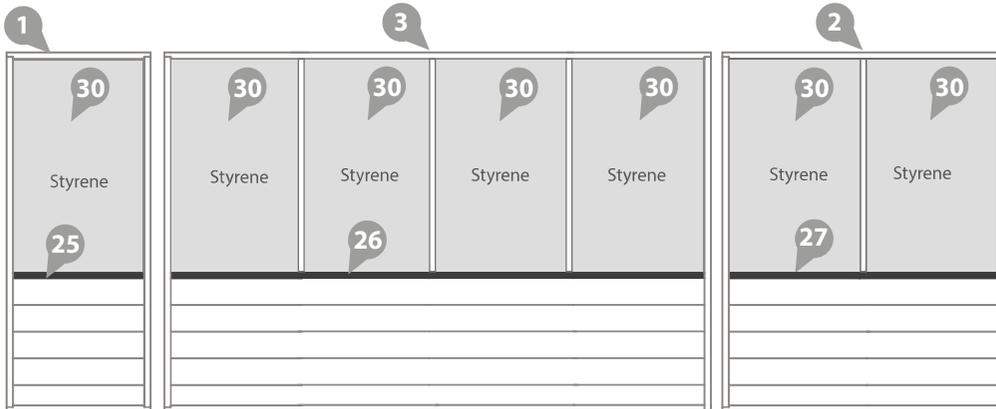
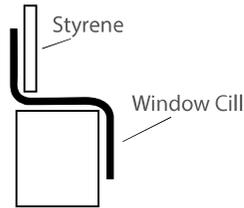


Step 2

Assemble the window panels on the floor.

Place the plastic window cill (No. 25, 26, 27) onto the lip of the window panel.

1b. Lay the styrene (No.30) on top of each opening so that it overlaps the surrounding framing equally on both sides as per the diagram.

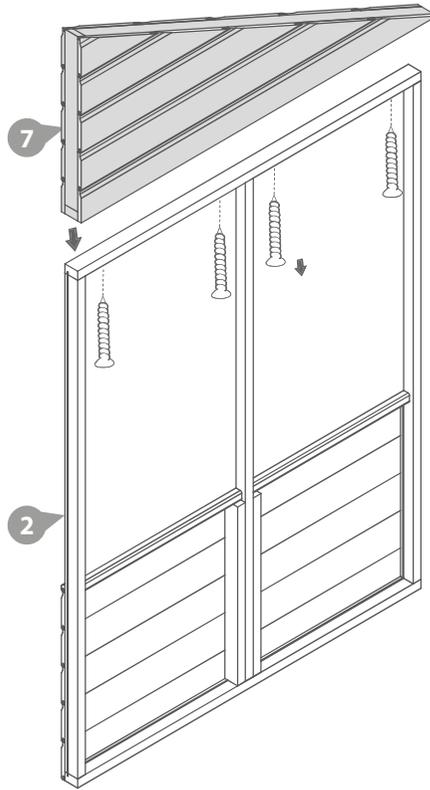


Step 4: Plain Gable Assembly

Place the plain gable top (**No. 7**) onto the back side panel (**No. 2**) and secure from underneath through the framing as shown in the illustration using 4x50mm screws.

***Ensure the framing is flush on the flat edge.**

4x50mm screws.

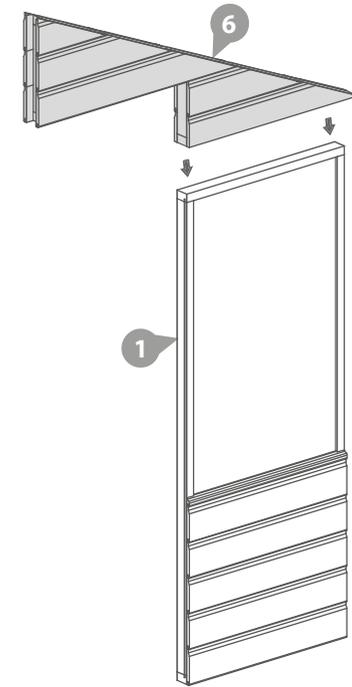


Step 5: Door Gable Assembly

Following the same method outlined in **Step 4**, place the door gable top (**No. 6**) onto the door side panel (**No. 1**) and secure from underneath through the framing using 2x50mm screws.

***Ensure the framing is flush on the flat edge.**

2x50mm screws.

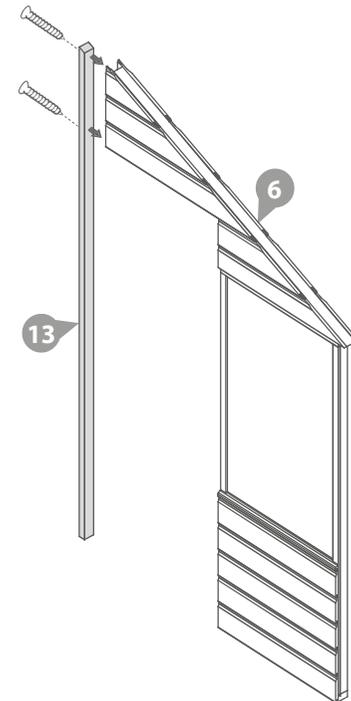


Step 6 Door Gable Assembly

Attach the door frame (**No. 13**) to the door gable assembly, fixing the frame into the overhanging boards on the door gable top (**No. 6**) using 2x50mm screws.

***Ensure to screw into the framing on the door gable top.**

2x50mm screws.

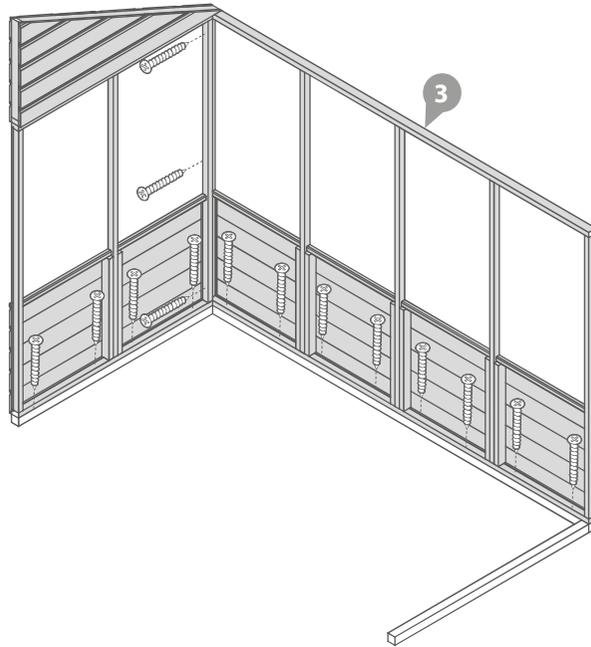
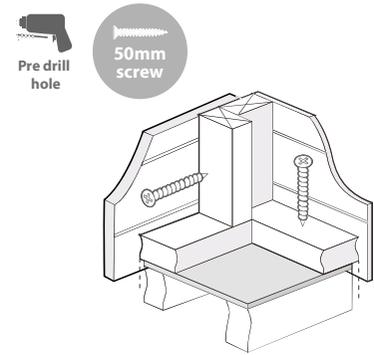


Step 7

Place the assembled plain gable and window side panel (**No. 3**) onto the base frame(s) and fix at the corners using 3x50mm screws.

Secure the panels to the base using 12x50mm screws, screwing through the panels into the base frame(s)

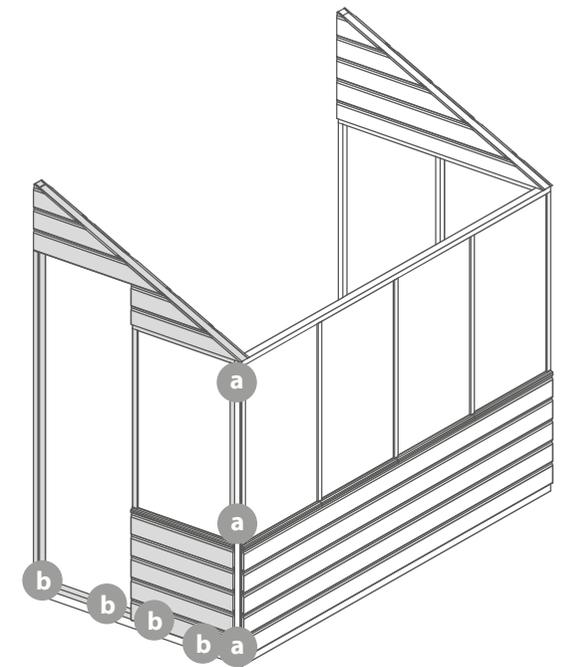
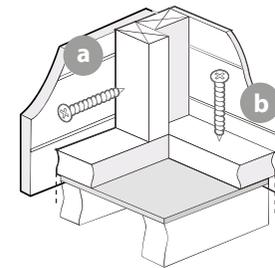
15x50mm screws.



Step 9

Following the same method outlined in **Step 7** attach the assembled door gable onto the building using 7x50mm screws.

7x50mm screws.



Step 8

Fix the strip (**No. 23**) onto the door frame (**No. 13**) using 3x30mm screws as shown in the illustration.

***Ensure the strip is flush to the inside of the door aperture.**

3x30mm screws.

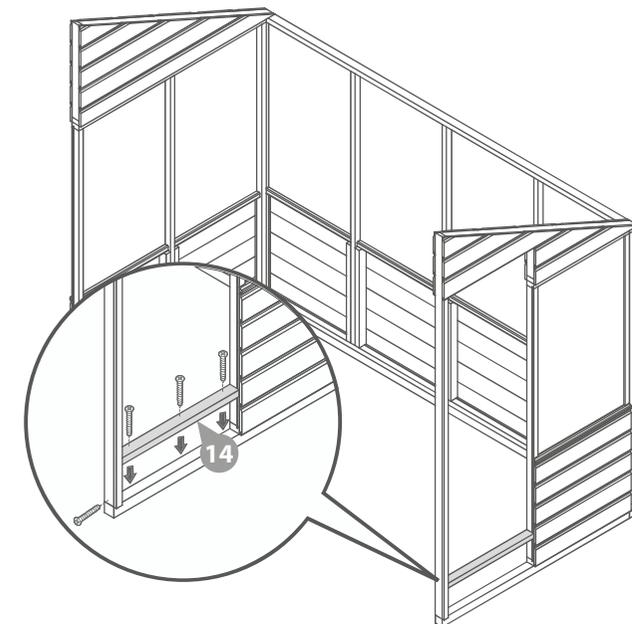


Step 10

Place a door/window frame (**No. 14**) into the door aperture against the door side panel (**No. 7**) and secure to the base frame using 3x40mm screws.

Once in place secure the door frame (**No. 13**) to the door/window framing using 1x50mm screw as shown in the illustration.

3x40mm screws
1x50mm screw

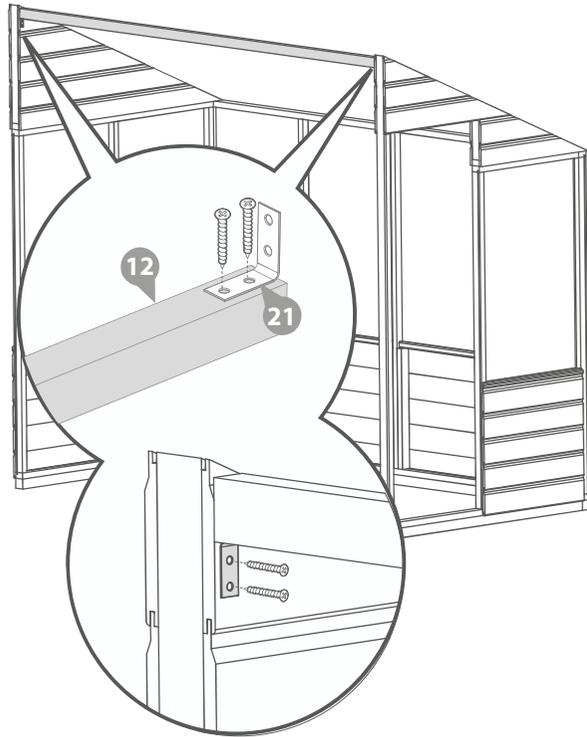


Step 11

Attach the "L" brackets (**No. 21**) to either end of the ridge bar (**No. 12**) using 4x30mm screws.

*Ensure the "L" brackets are flush with each end of the ridge bar.

Secure the ridge bar between the gables (**internally**) and secure in place using 4x30mm screws, making sure the framing aligns with the pitch of the gables.



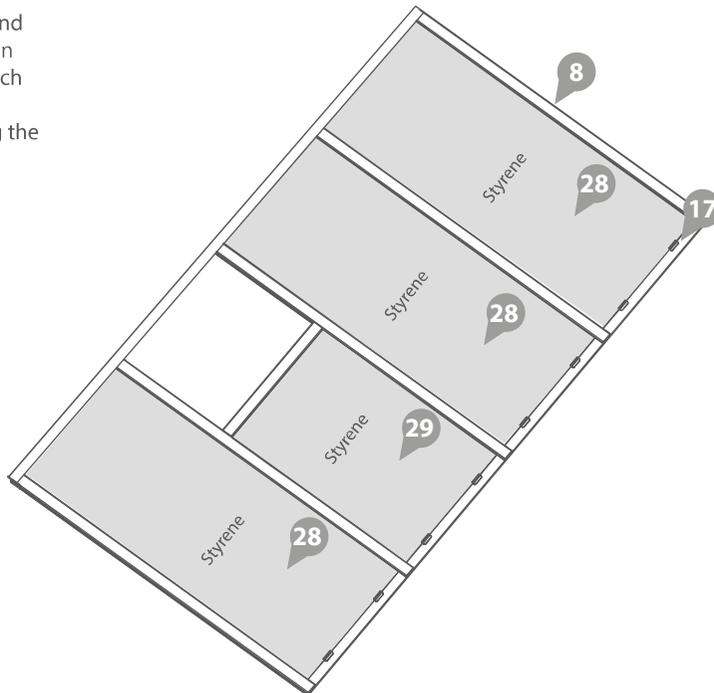
8x30mm screws



Step 12

Lay the window panel down (**No. 8**) and place the styrene sheets (**No. 28, 29**) in position using the beads (**No. 17**) which will be screwed down with 2x16mm screws. Ensure the small strip is facing the bottom.

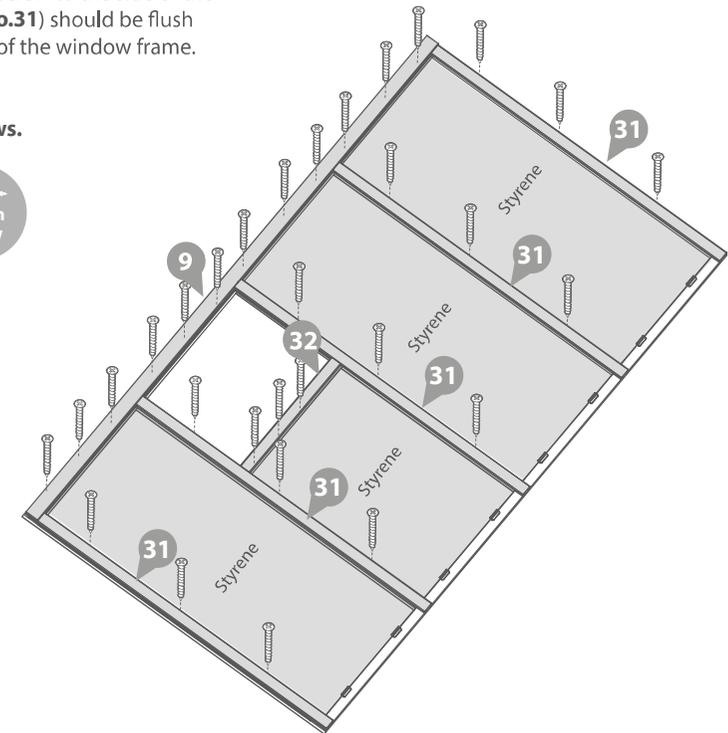
16x16mm Screws.



Step 13

Fix the strips (**No. 9, 31, 32**) onto the window frame using 3x30mm screws per strip. Ensure you screw to the side of the styrene. Strips (**No.31**) should be flush with the bottom of the window frame.

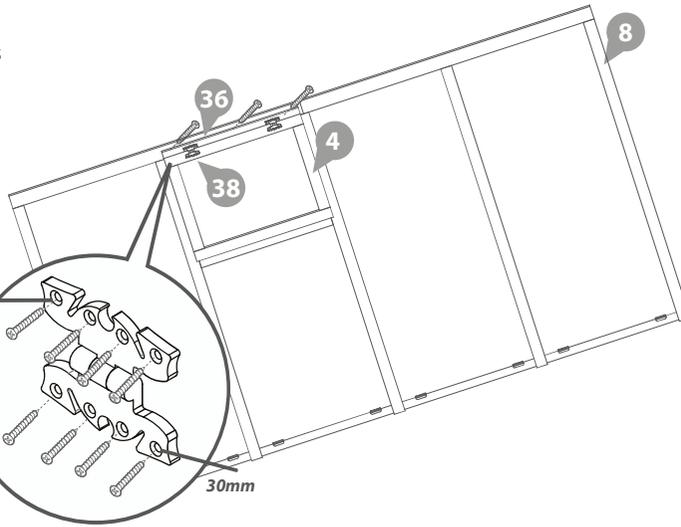
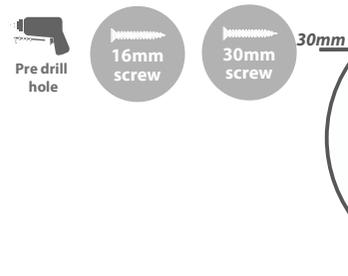
30x30mm Screws.



Step 14

Place the window (No. 4) into the gap in the roof (No. 8) and secure onto strip (No. 36) 2x butterfly hinges (No. 38) using 4x16mm screws on the window side and 4x30mm screws on the roof strip.

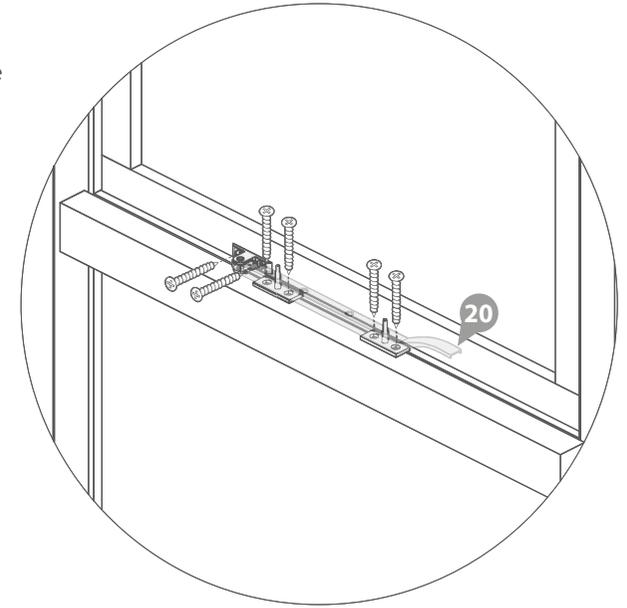
20x30mm screws



Step 15

Fix the casement stay (No. 20) to the back of the opening window and the pins to door/window frame as shown in the illustration using 6x20mm screws.

6x20mm screws

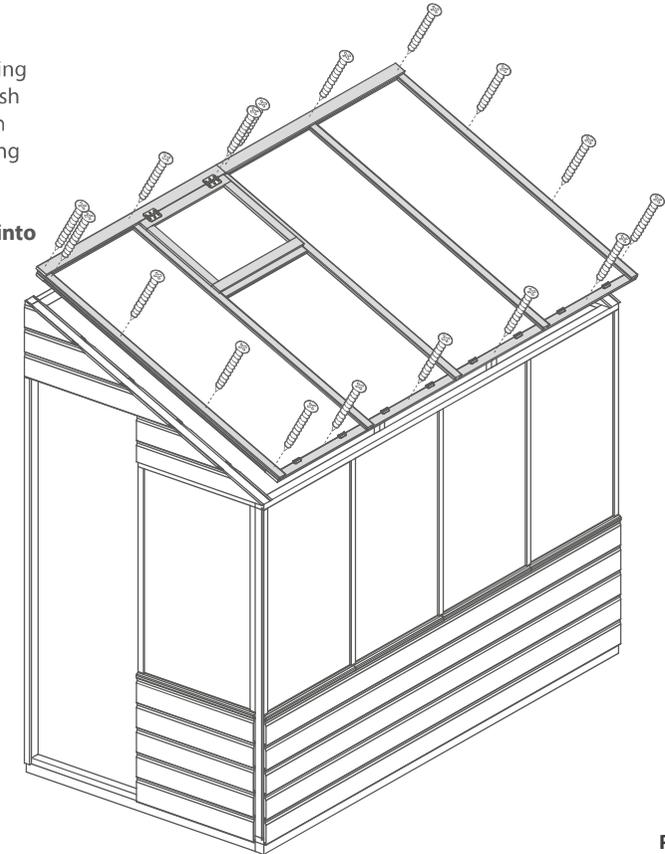


Step 16

Place the roof onto the building making sure the back edge of the roof sits flush against the back of the gable. Once in position secure the roof to the building using 18x40mm screws.

***Ensure to screw through the roof into the framing below.**

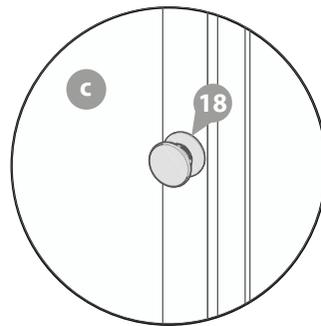
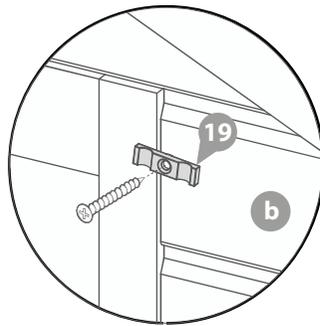
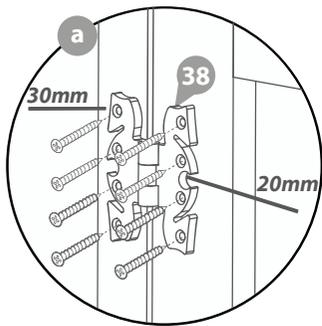
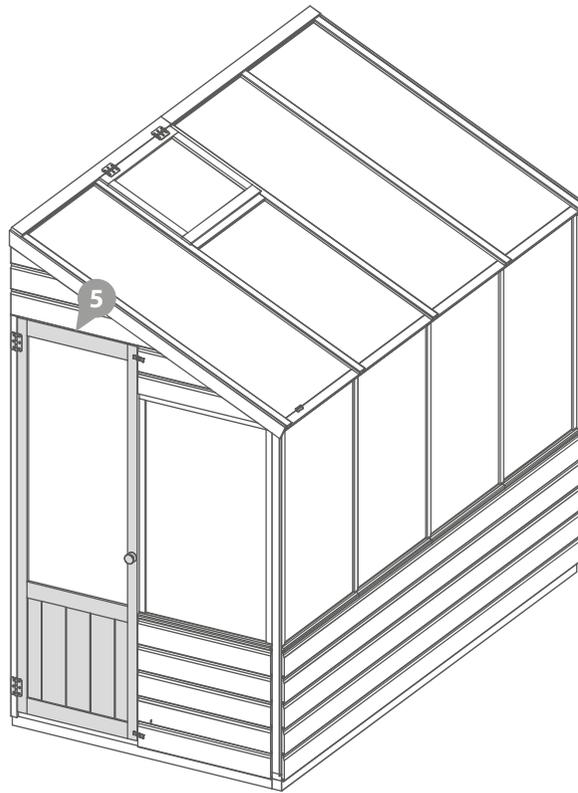
18x40mm screws



Step 17

- a** Rest the door (**No. 5**) into the aperture (*in the door gable*) and secure to the building with 2x butterfly hinges (**No. 38**) using 4x20mm (*on the door*) and 4x30mm screws (*on the door frame*) as shown in the illustration.
- b** Attach the turn buttons (**No. 19**) to the top and bottom of the assembled door gable using 1x30mm screw per turn button.
- c** Screw the door handle (**No. 18**) into the front of the door - *it is advisable to pre drill to avoid splitting the door.*

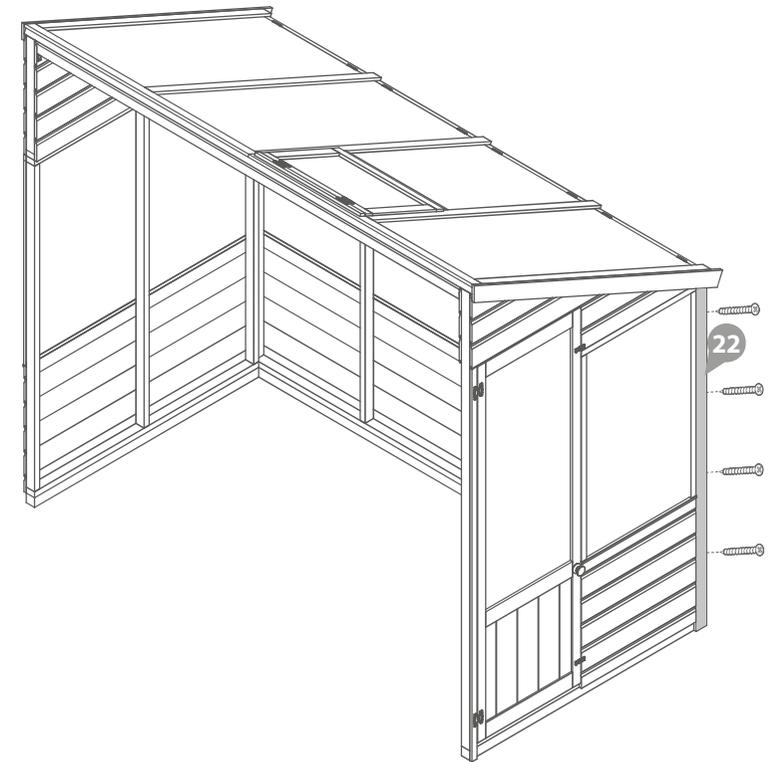
8x20mm screws
10x30mm screws



Step 18

Fix the corner trims (**No.22**) in position using 4x30mm screws

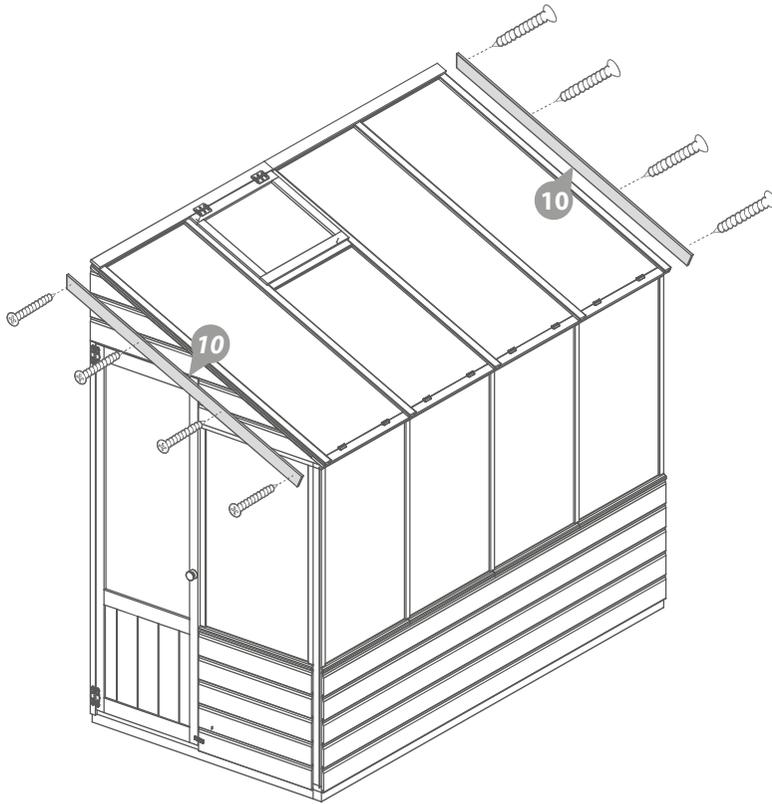
8x30mm Screws



Step 19

Attach the fascia's (**No. 10**) to the top of the building, securing into position using 4x40mm screws per fascia.

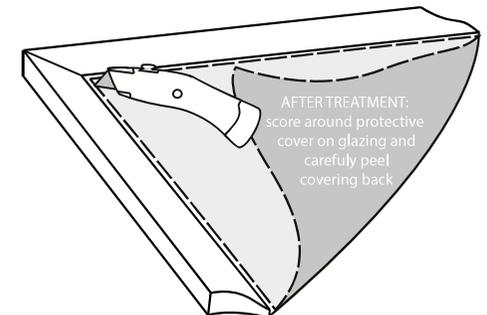
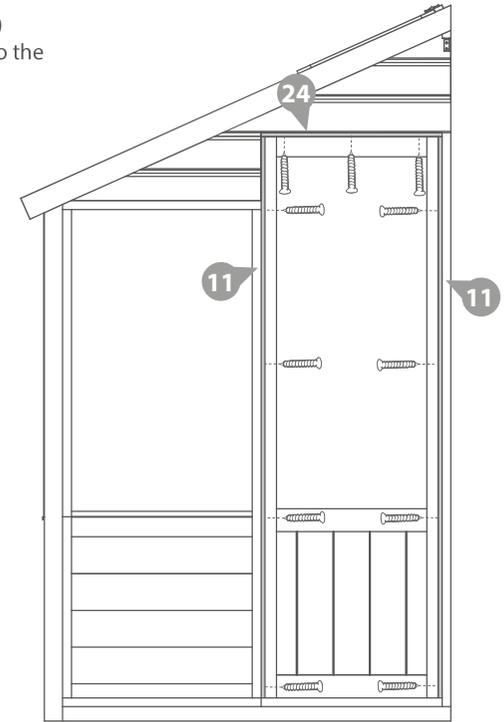
8x40mm screws



Step 20

Attach the door/window frame (**No. 24**) and two door strips (**No.11**) internally to the framing around the door frame using 30mm screws.

11x30mm 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.mgplotistics.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.

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.
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:

