03DTSHAX0705HGD2MW-V1

DIP TREATED SHIPLAP APEX 7X5 HALF GLAZED DOUBLE DOOR 2 MID WINDOW

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 screw-driver, 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

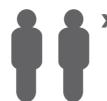
When thinking about where the building and base is going to be constructed: Ensure that there will be access to all sides for maintenance work and annual treatment.

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 buildings should be erected by two adults



Winter = High Moisture = Expansion Summer = Low Moisture = Contraction



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.



2mm Drill bit

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

For ease of assembly, you

MUST pilot drill all screw

heads are countersunk.

holes and ensure all screw



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, aqueos mixture of sodium dioctyl sulphosuccinat and alcohols: 2, 4, 6-trichlorophenol.



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Newark, Nottinghamshire, NG23 6QN

www.merciagardenproducts.co.uk





7X5-Pack A

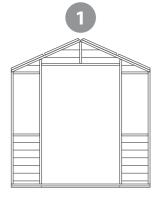
Overall Dimensions:

Width = 2295mm Depth = 1768mmHeight = 2279mm

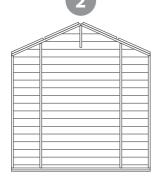
Base Dimensions:

Width = 2066mm Depth = 1456mm

Pack A-**Purchased Pack Component list**



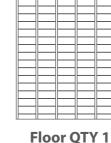
Door Gable QTY 1 AI-03S11SHAGDD2018X2166-V1



Plain Gable QTY 1



Roof QTY 2



AI-03S11SHAGP2018X2166-V1 AI-S11MBOHAR1720X1250-V1 AI-R11MBF2066X1456-V1



Plain Panel QTY 2 AI-S11SHPP1465X1710-V1

F2744-1409mm

S1240-1710mm

S1260-1227mm

S1240-1740mm

S1240-1192mm

S1228-560mm

S1228-533mm

Ridge Bar 27x44x1409mm QTY 1

Cover trims 12x40x1710mm QTY 4

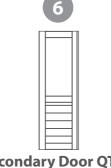
Door Cover trims 12x40x1740mm QTY 2

Door Support Bar 12x40x1192mm QTY 1

Gable Cover trims 12x28x560mm QTY 2

Gable Cover trims 12x28x533mm QTY 2

Fascias 12x60x1227mm QTY 4





Secondary Door QTY 1 Master Door QTY 1 AI-STDHGSD574X1715-V1 AI-STDHGMD574X1715-V1







Shed Diamond QTY 2 Shed diamond finial



7.9m Felt QTY 1 PI-01-0016



Door Handles QTY 2 PI-07-0081



Butt Hinges QTY 6 PI-07-0066



Window Cill QTY 2 PI-08-0024



Corner Brace QTY 2 PI-07-0012



Press Lock QTY 1 PI-07-0162



Turn Button QTY 2



Styrene QTY 2 PI-05-0232



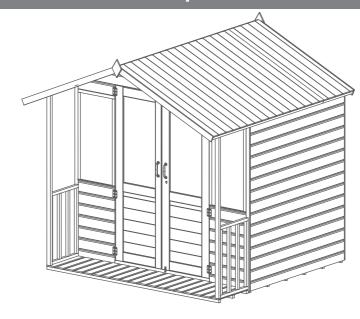
Barrel Bolt QTY 2 PI-07-0114

7X7-Pack B **Overall Dimensions:**

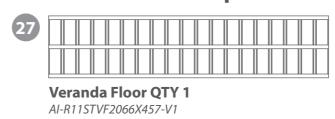
Width = 2295mm Depth = 2233mm Height = 2279mm

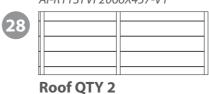
Base Dimensions:

Width = 2066mm Depth = 1913mm



Pack B-**Purchased Pack Component list**





AI-S11MBOHAR465X1250-V1



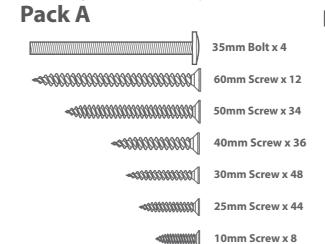
Railing QTY 2 AI-03FR430X702-V1





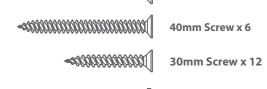
Nail Bag

There may be extra screws present in the nail bag



Felt Tacks x 75

Pack B 50mm Screw x 12





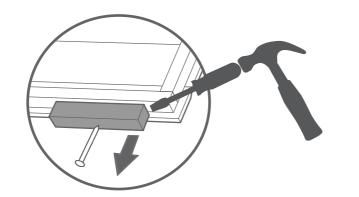


Pre Assembly

Before assembling remove the transportation blocks from the bottom of each panel.

Take care removing the blocks as to not damage the panels. Tap with a flat headed screwdriver and hammer.

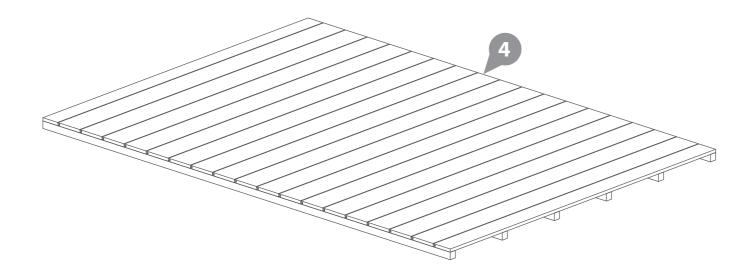
Dispose of the blocks once removed.



Step 1

Parts needed - No 4 QTY 1

Place the floor **(No.4)** onto a firm and level base. Ensure the base has suitable drainage and is free from areas where standing water can collect.



Step 2

Parts needed - No 1 QTY 1

- No 21 QTY 2

- No 25 QTY 2

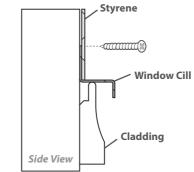
Lay the Door Gable onto a flat surface with the framing facing down.

Place the plastic window cill (No.21) onto the external lip of the Door Gable (No.1). Fix the Cill to the door gable framing using 2x25mm screws per cill.

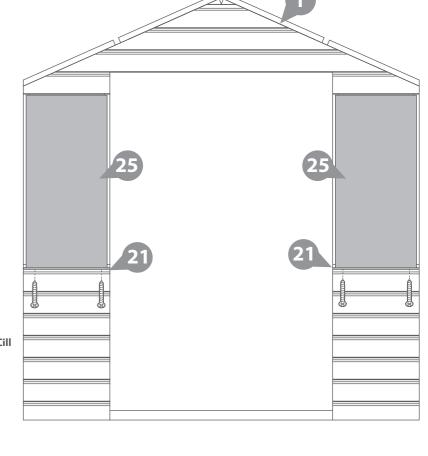
Lay the Styrene (No.25) into the window openings so that it overlaps the surrounding framing equally on both sides as per the diagram

4x25mm Screws





IMPORTANT: Pre-drill before fixing screws.



IMPORTANT: Pre-drill before fixing screws.

Step 3

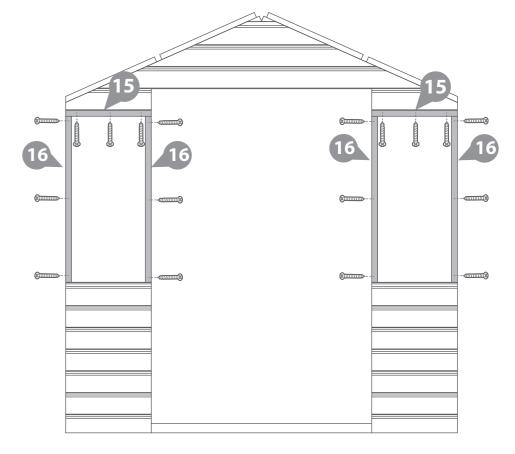
Parts needed - No 15 QTY 2 - No 16 QTY 4

Attach the Window Strips (No.15 and No.16) using 30mm screws as per the diagram. Ensure the strip does not protrude the width of the window frame.

Ensure you screw into the window strips though to the framing, avoiding the Styrene where possible

18x30mm Screws





Step 4 Parts needed - No 6 QTY 1

- No 20 QTY 6 Attach the doors (No. 6 and No.7) to the door gable with 3x butt hinges

- No 7 QTY 1

Ensure to screw the hinges into the door gable framing.

(No.20) per door, using 6x25mm

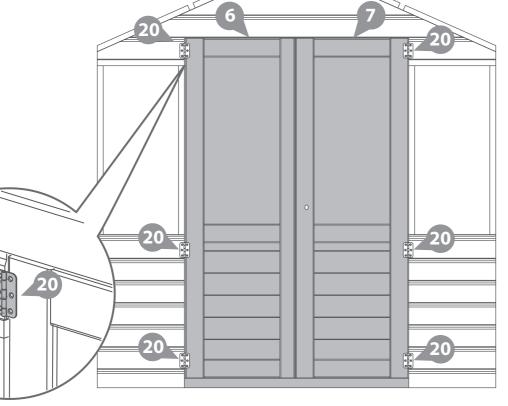
*DO NOT SCREW INTO THE **WINDOW STRIPS***



screws per hinge.

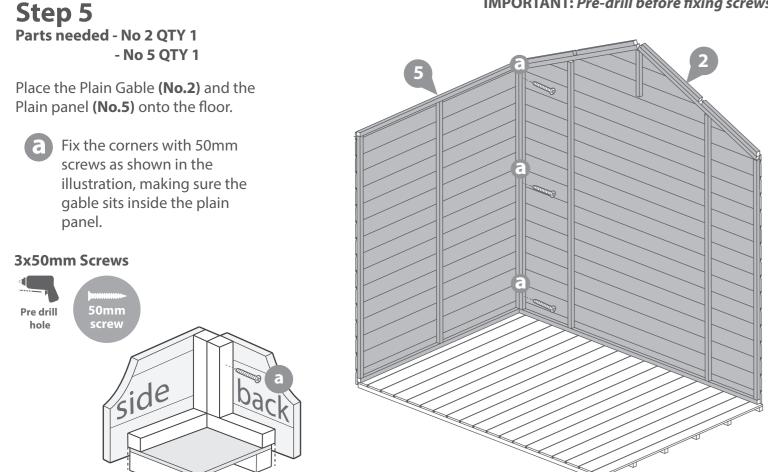






IMPORTANT: Pre-drill before fixing screws.

IMPORTANT: Pre-drill before fixing screws.



Step 6

Parts needed - No 1 QTY 1 - No 5 QTY 1

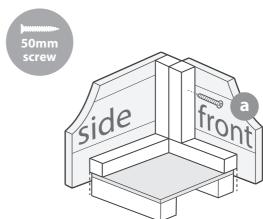
Place the Door Gable (No.1) and the Plain panel (No.5) onto the floor.

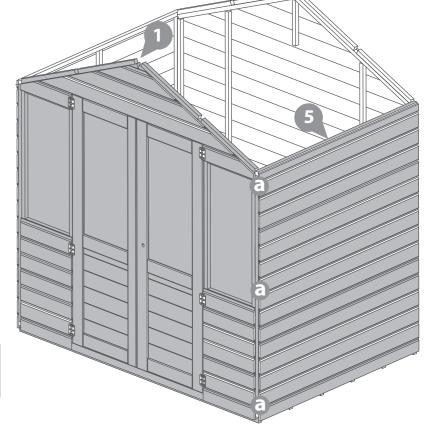


Fix the corners with 50mm screws as shown in the illustration, making sure the gable sits inside the plain panel.

3x50mm Screws







IMPORTANT: Pre-drill before fixing screws.

IMPORTANT: Pre-drill before fixing screws.

Step 7

Parts needed - No 8 QTY 1 - No 22 QTY 2

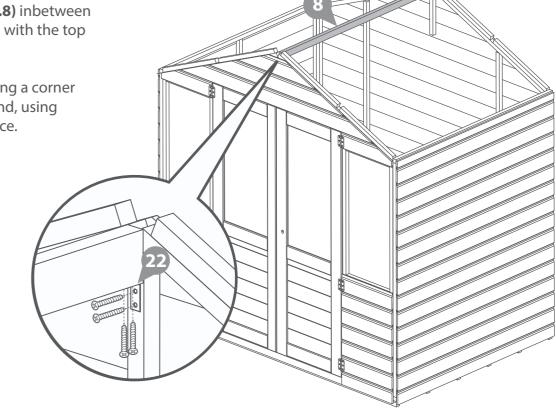
Place the Ridge Bar (No.8) inbetween the gables, resting flush with the top of the gable framing.

Secure to the gables using a corner brace (No.22) at each end, using 4x30mm screws per brace.

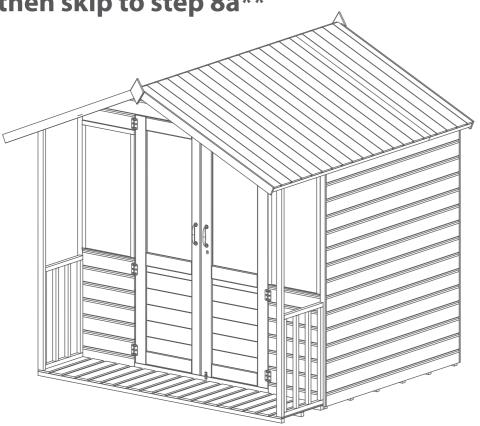
8x30mm Screws







If you have purchased a 7x7 Summer House with Pack B extension then skip to step 8a



Step 8

Parts needed - No 3 QTY 2

Place the Roof Panel (No. 3) on top of the building making sure the framing in the roof panels sits firmly within the Gables (No. 1 & 2) and on top of the Ridge Bar (No. 8).

Make sure that you have got the roof panels the correct way round with the recess at the top of the apex as shown in the diagram.

From the top, fix directly through the roof panels (No. 3) into the ridge bar (No. 8) below using 5x60mm screws per roof panel.

It is essential that the ridge bar (No. 8) and roof panels (No. 3) framing pull together when fixed with 60mm screws. You may require another person pushing the ridge bar (No. 8) up from below to achieve this.

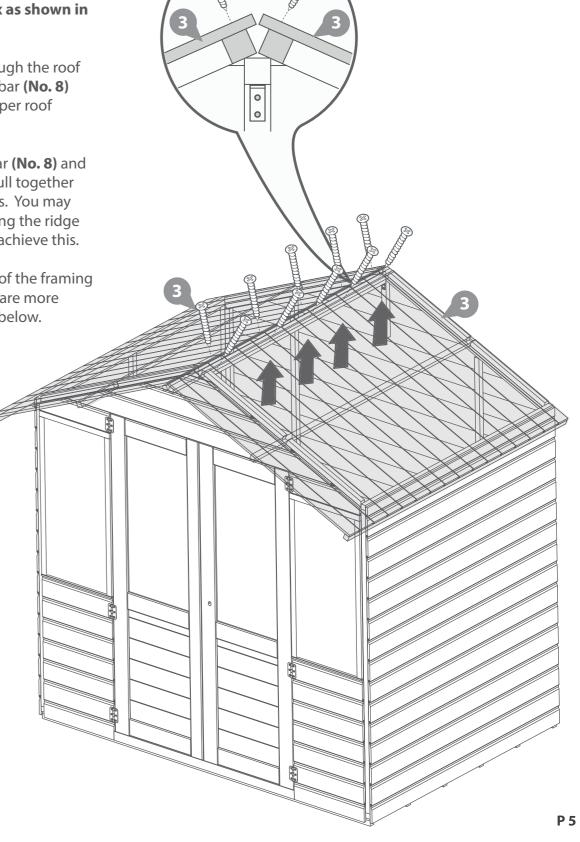
HINT - Follow the nailing line of the framing on the roof panel so that you are more likely to fix into the ridge bar below.

10x60mm Screws









Step 9

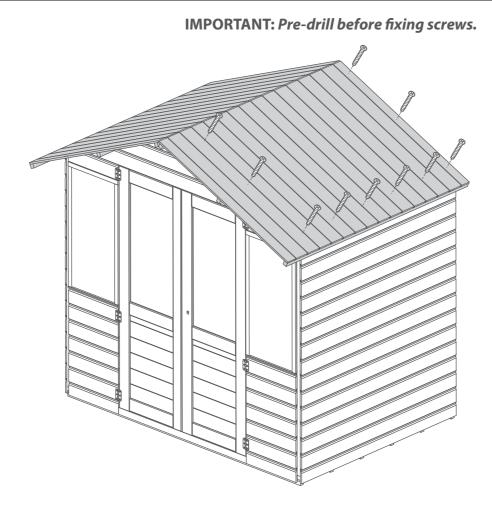
Use 40mm screws to fix the roof (No. 3) down the sides, front and back of the building.

Be sure that the screws attach into the framing below.

20x40mm Screws







Step 11

Parts needed - No 9 QTY 4

- No 13 QTY 2
- No 14 QTY 2

Attach the cover trims (No.9) to each corner of the building using 3x30mm screws per cover trim.

Attach the gable cover trims (No.13 and No.14) onto the door gable.

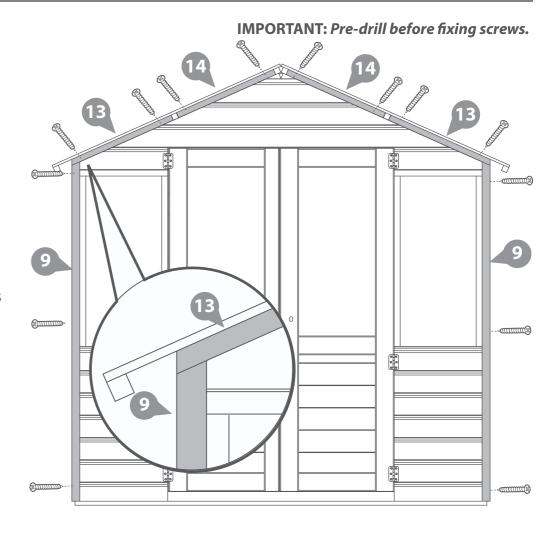
Cut the gable cover trims (No.13) and the cover trims (No.9) to fit as shown in the illustration

8x30mm Screws









Step 10



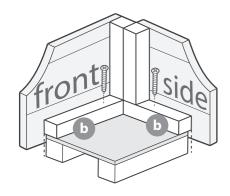
b Secure the building to the floor internally using 28x50mm screws.

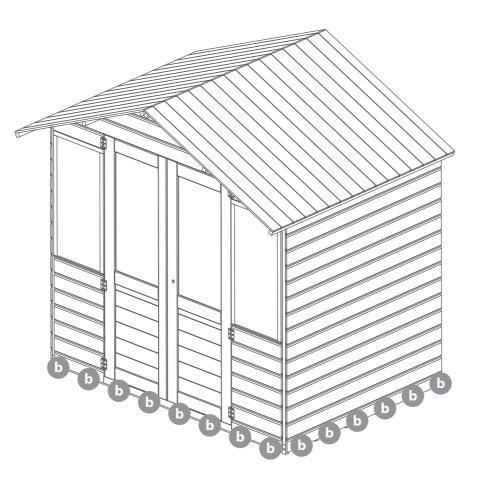
*Ensure to screw through the framing into the floor bearers.

28x50mm Screws









IMPORTANT: Pre-drill before fixing screws.

Step 12

Parts needed - No 18 QTY 1

Cut the felt **(No.18)** into 3 strips and place onto the roof, as shown in the illustration. ensuring there is approximatly 50mm of overhanging around the building

Fix the sheets into place using 75x felt tacks approximately 100mm apart.

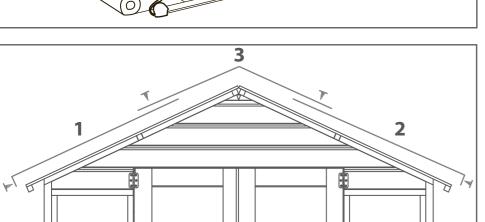
75x Felt Tacks



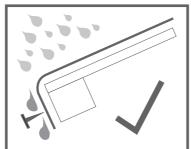
1 (2)













Step 13

Parts needed - No 10 QTY 4 - No 17 QTY 2

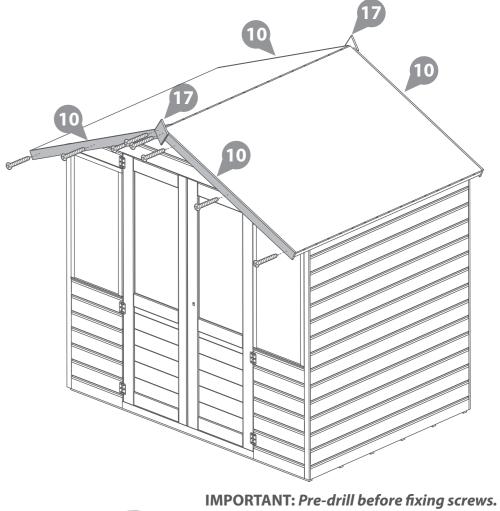
Fix the fascias (**No.10**) to the building using 3x40mm screws per fascia, ensuring the screws go through to the roof framing

Fix the Shed Diamonds (No.17) onto the fascias using 2x40mm screws per finial

16x40mm Screws







Step 14

Parts needed - No 19 QTY 2 - No 24 QTY 2

Attach the door handles (No.19) to the doors using 25mm bolts included with the door handle.

Pre drill a hole approximately 3mm and fix the handle from the inside with the provided bolts

Attach the two turn buttons (No.24) above the master door at the top and bottom using 2x30mm screws.

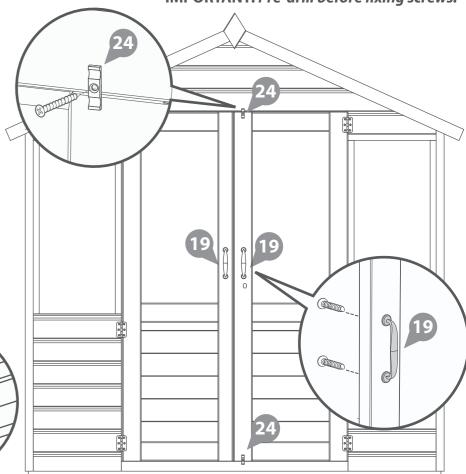
*These turn buttons help to keep your doors straight during high & low levels of moisture content in the air.

2x30mm Screws 4x35mm Bolt









Step 15

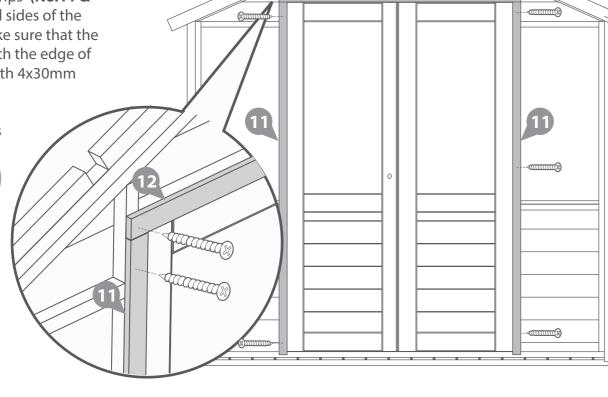
Parts needed - No 11 QTY 2 - No 12 QTY 1

On the inside of the building fix the Door Frame Strips (No.11 & 12), to the top and sides of the doors frames. Make sure that the edges are flush with the edge of the framing. Fix with 4x30mm screws per strip.

12x30mm Screws









Step 16

Parts needed - No 23 QTY 1 - No 26 QTY 2

Secure the barrel bolts (No.26) to the top & bottom of the secondary door using 4x10mm screws.

Attach the press lock (No.23) to the master door with 4x25mm screws, aligning the barrel with the key hole.

*Ensure the key turns and locks properly before fixing to the door.

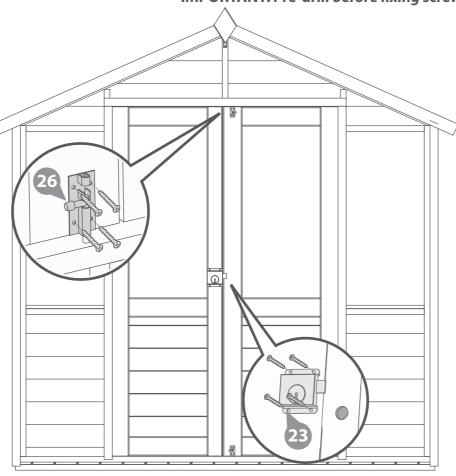
8x10mm Screws 4x25mm Screws

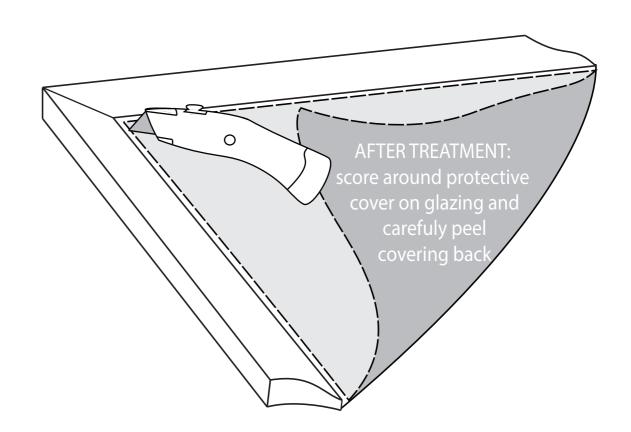






IMPORTANT: Pre-drill before fixing screws.





Step 8a

Parts needed - No 3 QTY 2

- No 28 QTY 2

- No 31 QTY 2

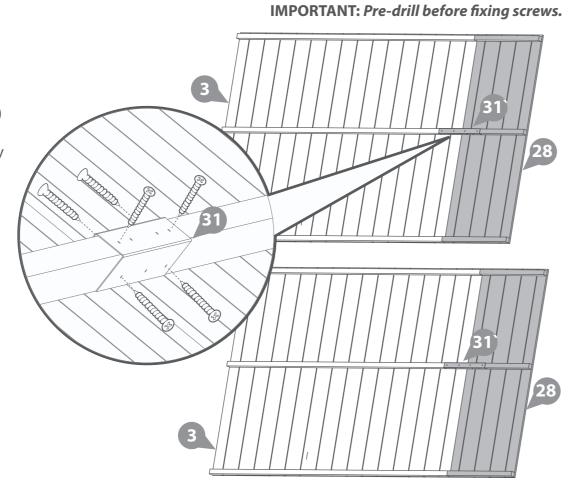
Fix the roofs (**No.3 and No.28**) framing together using the 'U' Channel (**No.31**), laying evenly over the roof framing pieces, secure using 6x30mm screws.

Repeat for both roof panels.

12x30mm Screws







Step 9a

Parts needed - No 3 QTY 2

- No 28 QTY 2

- No 31 Qty 2

Place the assembled Roof Panels (No. 3, 28 & 31) on top of the building making sure the framing in the roof panels sits firmly within the Gables (No. 1 & 2) and on top of the Ridge Bar (No. 8).

Make sure that you have got the roof panels the correct way round with the recess at the top of the apex as shown in the diagram.

From the top, fix directly through the roof panels (No. 3 & 28) into the ridge bar (No. 8) below using 5x60mm screws per assembled roof panel.

It is essential that the ridge bar (No. 8) and roof panels (No. 3 & 28) framing pull together when fixed with 60mm screws. You may require another person pushing the ridge bar (No. 8) up from below to achieve this.

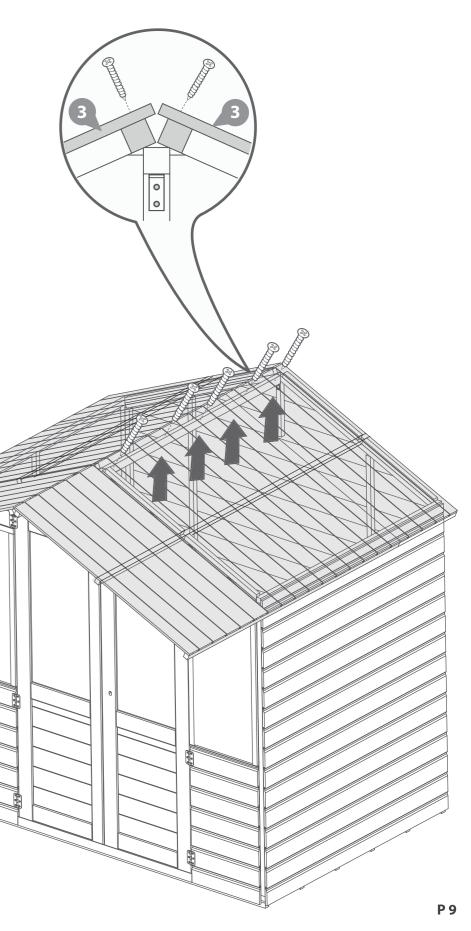
HINT - Follow the nailing line of the framing on the roof panel so that you are more likely to fix into the ridge bar below.

10x60mm Screws









Step 10a

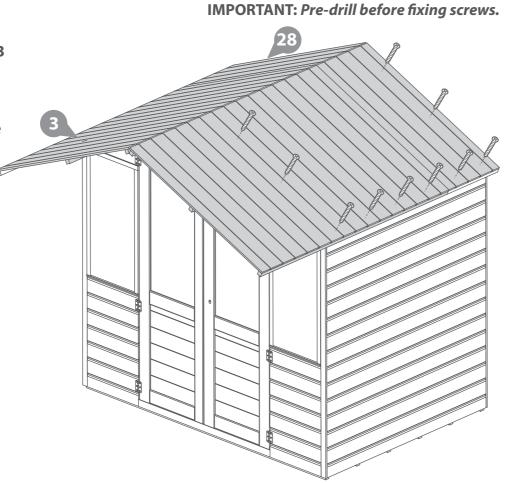
Use 40mm screws to fix the roof (No. 3 & No. 28) down the sides, front and back of the building.

Be sure that the screws attach into the framing below.

20x40mm Screws







Step 12a

Parts needed - No 9 QTY 4

- No 13 QTY 2
- No 14 QTY 2

Attach the cover trims (No.9) to each corner of the building using 3x30mm screws per cover trim.

Attach the gable cover trims (No.13 and No.14) onto the door gable.

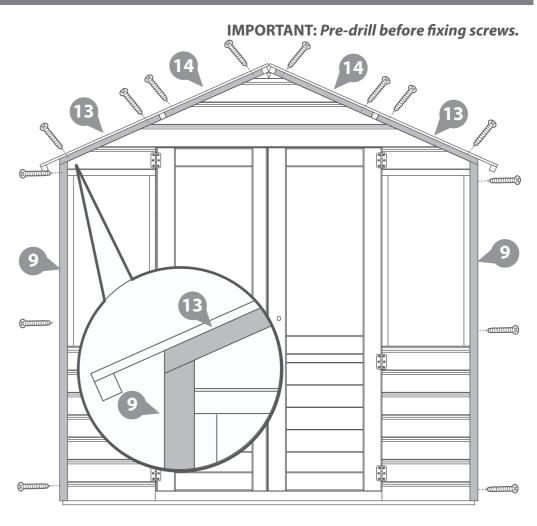
Cut the gable cover trims (No.13) and the cover trims (No.9) to fit as shown in the illustration

8x30mm Screws









Step 11a



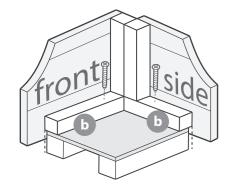
Secure the building to the floor internally using 28x50mm screws.

*Ensure to screw through the framing into the floor bearers.

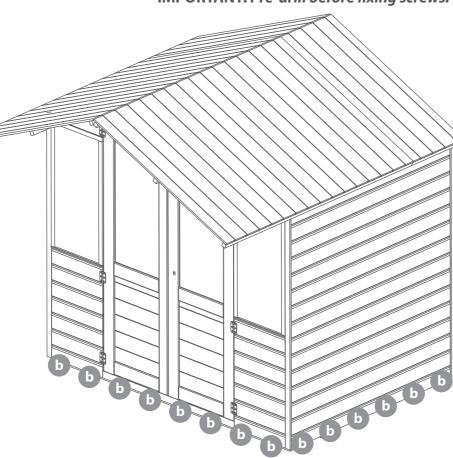
28x50mm Screws







IMPORTANT: Pre-drill before fixing screws.

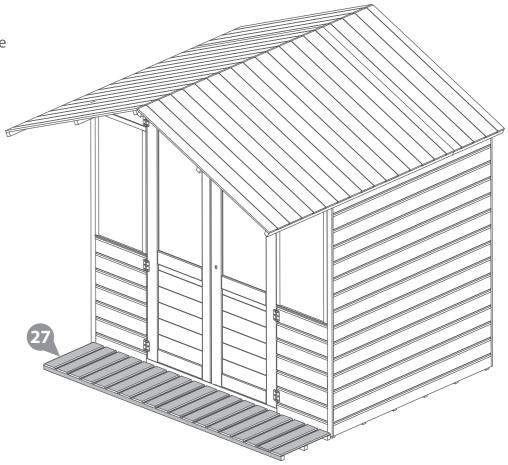


Step 13a

Parts needed - No 27 QTY 1

Place the Veranda Floor (No.27) on the ground, flush to the door gable as shown in the illustration.

Ensure the veranda floor sits centrally to the building.



Step 14a

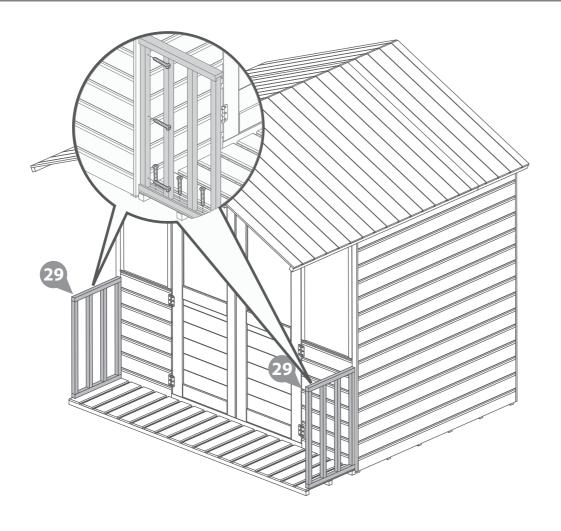
Parts needed - No 29 QTY 2

Align the Railing (No.29) against the door gable and flush to the ends of the varanda floor, secure to the building and to the floor with 6x50mm screws per side as shown in the illustration

12x50mm Screws







Step 16a

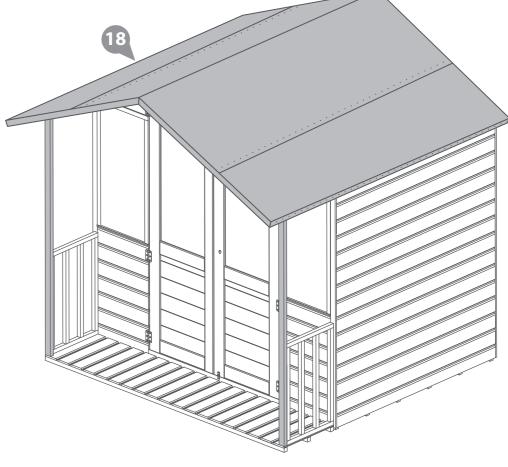
Parts needed - No 18 QTY 1

Cut the felt (No.18) into 3 strips and place onto the roof, as shown in the illustration. ensuring there is approximatly 50mm of overhanging around the building

Fix the sheets into place using 120x felt tacks approximately 100mm apart.

120x Felt Tacks





Step 15a Parts needed - No

Parts needed - No 30 QTY 2

Place the Roof Support (No. 30) underneath the roof overhang, aligning the frame flush to edge of the railing (No. 29).

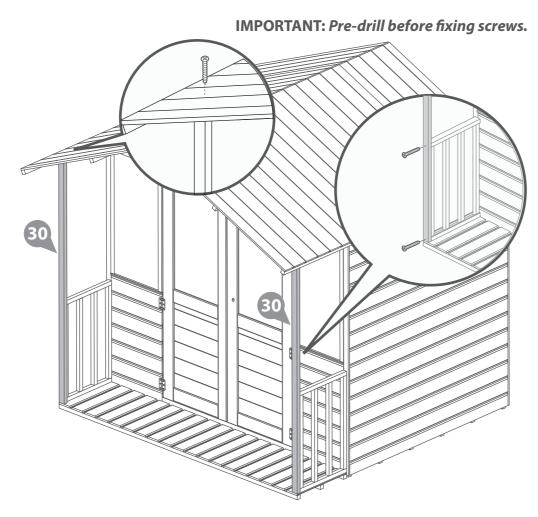
Secure to the railing (**No. 29**) and to the roof (**No. 3**) using 3x40mm screws per frame.

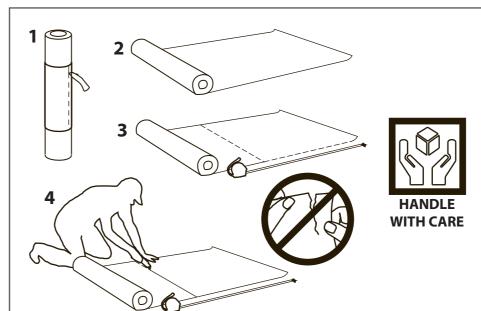
*Ensure the framing follows the same direction as the roof.

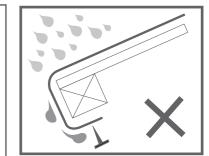
6x40mm Screws

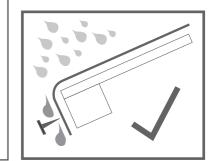


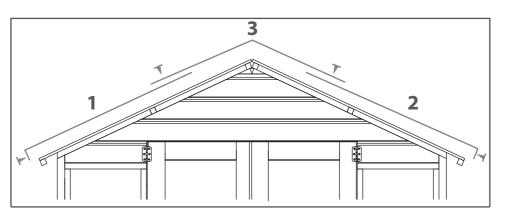












Step 17a

Parts needed - No 10 QTY 4 - No 17 QTY 2

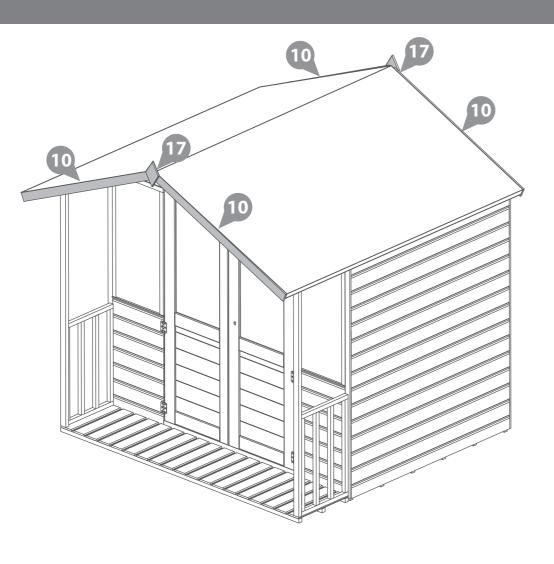
Fix the fascias (No.10) to the building using 3x40mm screws per fascia, ensuring the screws go through to the roof framing

Fix the Shed Diamond (No.17) onto the fascias using 2x40mm screws per finial

16x40mm Screws







Step 19a

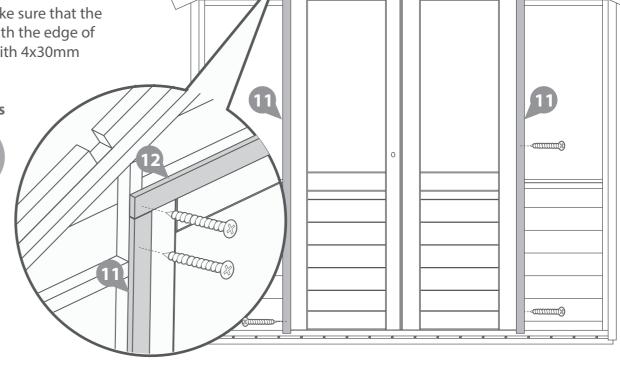
Parts needed - No 11 QTY 2 - No 12 QTY 1

On the inside of the building fix the Door Frame Strips (No.11 & 12), to the top and sides of the doors frames. Make sure that the edges are flush with the edge of the framing. Fix with 4x30mm screws per strip.

12x30mm Screws







Step 18a

Parts needed - No 19 QTY 2 - No 24 QTY 2

Attach the Door Handles (No.19) to the doors using 25mm bolts included with the door handle.

Pre drill a hole approximately 3mm and fix the handle from the inside with the provided bolts

Attach the two turn buttons (No.24) above the master door at the top and bottom using 2x30mm screws.

*These turn buttons help to keep your doors straight during high & low levels of moisture content in the air.

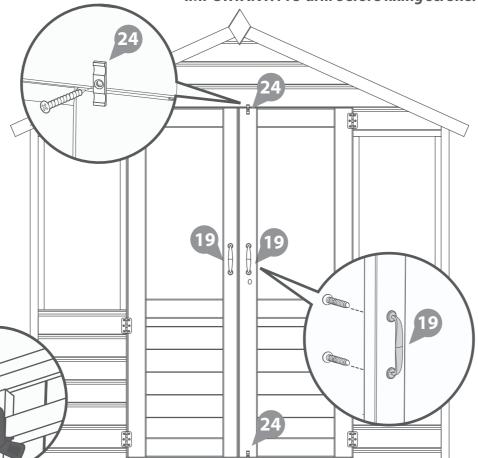
2x30mm Screws 4x35mm Bolt











Step 20a

Parts needed - No 23 QTY 1 - No 26 QTY 2

Secure the barrel bolts (No.26) to the top & bottom of the secondary door using 4x10mm screws.

Attach the press lock (No.23) to the master door with 4x25mm screws, aligning the barrel with the key hole.

*Ensure the key turns and locks properly before fixing to the door.

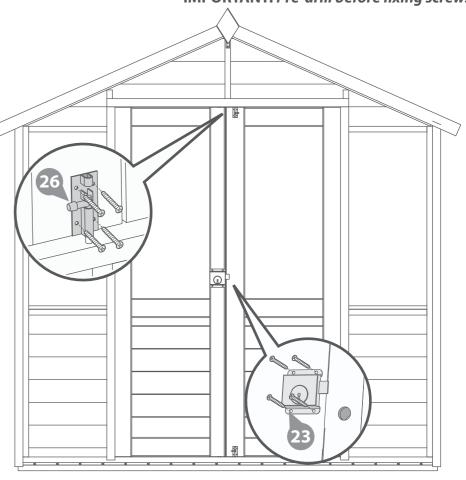
8x10mm Screws 4x25mm Screws



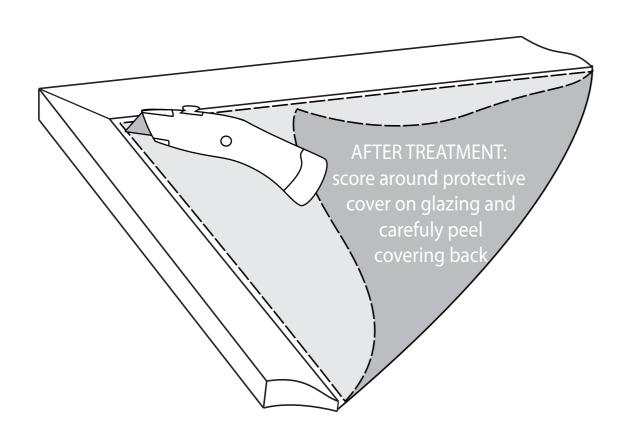




IMPORTANT: Pre-drill before fixing screws.







WARRANTY AND GUARANTEE



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.

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!



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.



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.



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.





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