

01OVLPA0304SDNW-V1

3x4 Overlap Apex Shed

## BEFORE YOU START PLEASE READ INSTRUCTIONS CAREFULLY

- Check the pack and make sure you have all the parts listed.
- When you are ready to start, make sure you have the right tools at hand (not supplied) including a Phillips screwdriver, Stanley knife, Wood saw, Step ladder, 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 building's should be erected by two adults



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



2mm Drill bit

For ease of assembly, you **MUST** pilot drill all screw holes and ensure all screw heads are countersunk.



## CAUTION

Every effort has been made during the manufacturing process to eliminate the prospect of splinters on rough surfaces of the timber. You are strongly advised to wear gloves when working with or handling rough sawn timber.

## \*\*Protim Aquatan T5 (621)\*\*

Your building has been dip treated with **Aquatan**.

Aquatan is a water-based concentrate which is diluted with water, the building as been treated by the correct application of Aquatan solution and then allowed to dry.

Aquatan is a decorative finish to colour the wood, which is applied industrially to timber fence panels and garden buildings.

**Aquatan undiluted contains:** boric acid, sodium hydroxide 32% solution, aqueous mixture of sodium dioctyl sulphosuccinat and alcohols: 2, 4, 6-trichlorophenol.



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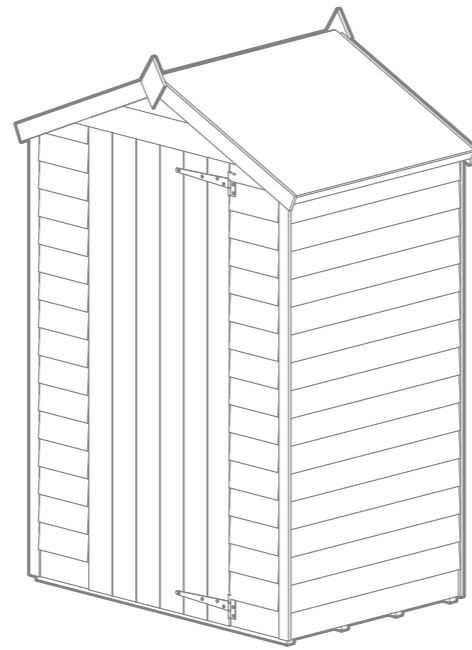
**For assistance please contact customer care on: 01636 821215**  
**Mercia Garden Products Limited,**  
**Sutton On Trent,**  
**Newark,**  
**Nottinghamshire,**  
**NG23 6QN**






[www.merciagardenproducts.co.uk](http://www.merciagardenproducts.co.uk)


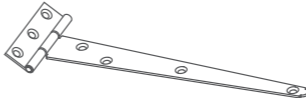
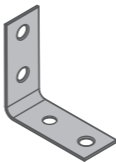
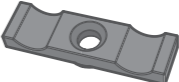

Overall Dimensions:  
 Length = 859mm  
 Width = 1313mm  
 Height = 1856mm

Base Dimensions:  
 Length = 804mm  
 Width = 1190mm

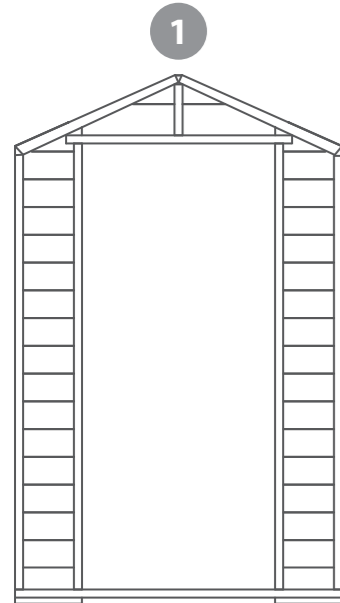
Before assembly  
 please make sure you have a  
 suitable base ready to erect your  
 building



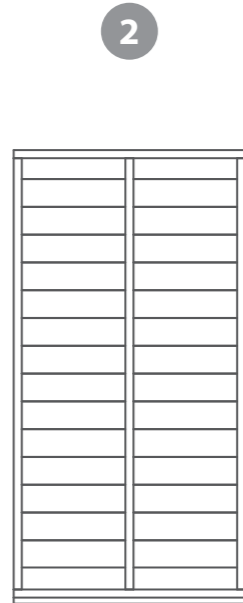
- 7  **Ridge Bar - 28x28x744mm QTY 1**  
F2828-744mm
- 8  **Eave Frame - 28x28x835mm QTY 2**  
F2828-835mm
- 9  **Fascia - 12x60x694mm QTY 4**  
S1260-694mm
- 10  **Door Strip - 12x28x1530mm QTY 2**  
S1228-1530mm
- 11  **Cover Trim - 12x45x1560mm QTY 4**  
S1245-1560mm

- 12  **Finial QTY 2**
- 13  **T-hinge QTY 2**  
PI-07-0021
- 14  **"L" Bracket QTY 2**  
PI-07-0012
- 15  **Turn Button QTY 2**  
PI-07-0034
- 16  **Felt**

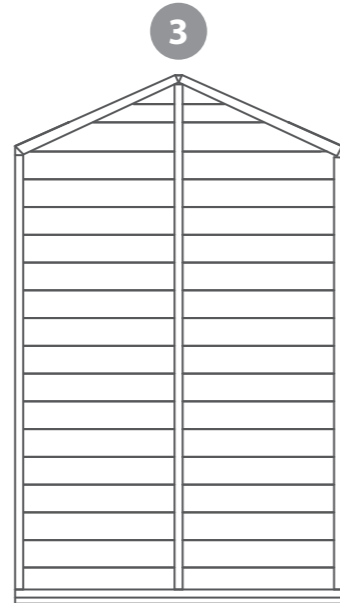
## Building Content:



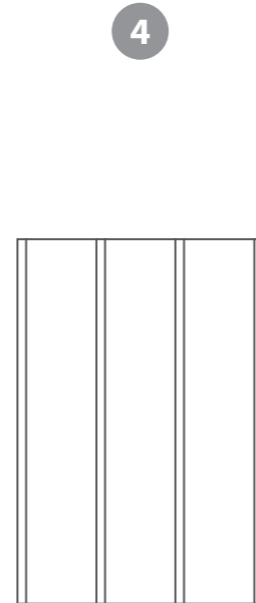
**Door Gable QTY1**  
AI-01OVLPG1826X1130-V1



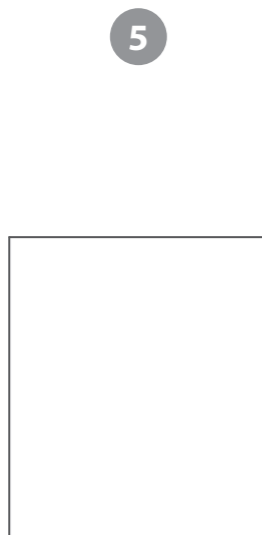
**Plain Side QTY 2**  
AI-01OVLPPS800X1567-V1



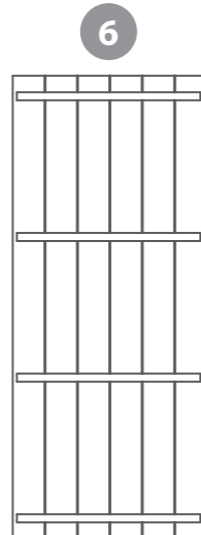
**Plain Gable QTY 1**  
AI-01OVLPPG1826X1130-V1



**Floor QTY 1**  
AI-01OSBF795X1180-V1


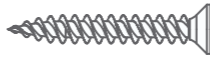




**Roof QTY 2**  
PI-03-0330



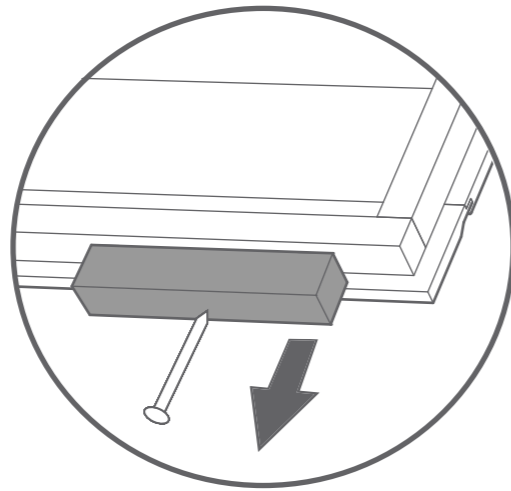
**Door QTY 1**  
AI-01MBDR1600X660-V1

## Nail Bag

-  **50mm Screw x24**
-  **30mm Screw x 76**
-  **20mm Screw x6**
-  **Felt Tacks x80**

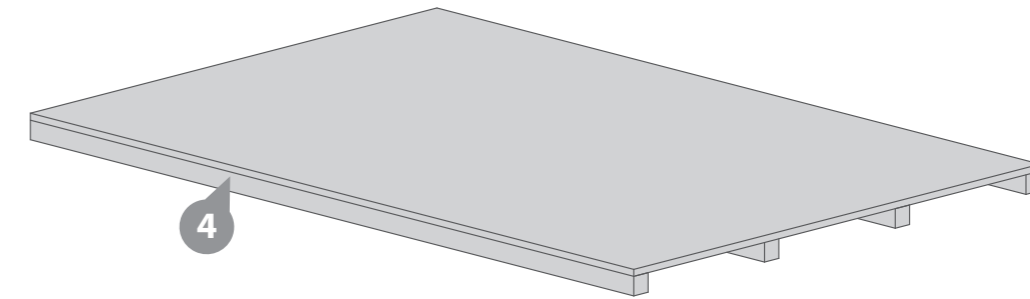
## Pre Assembly

Remove the transportation blocks from the bottom of each panel before beginning assembly.



### Step 2

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



### Step 3

Sit the plain gable (**No.3**) and the first plain side (**No. 2**) onto the floor.

*\*Ensure the plain gable sits inside the plain side.*

- a** Fix the panels at the corner using 3x 50mm screws.
- b** Do **NOT** secure the building to the floor until the roof has been fitted.

#### 3x50mm Screws

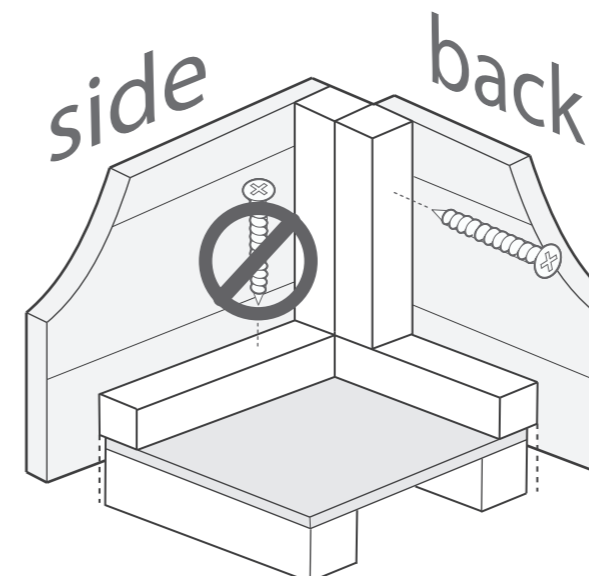
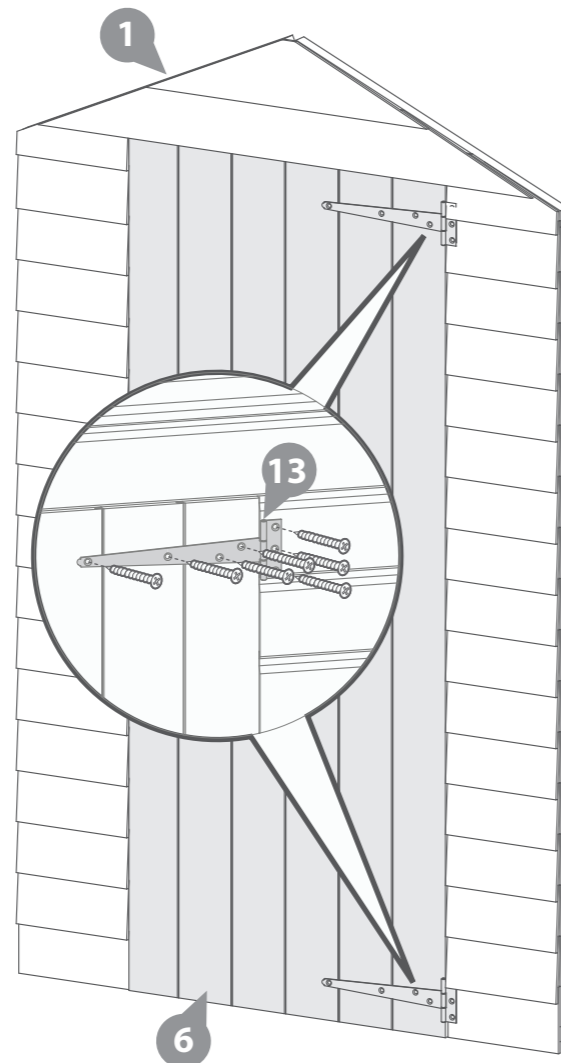


### Step 1

Rest the door (**No. 6**) into the door gable (**No. 1**) opening and secure into place with 2x T-hinges (**No. 13**) using 7x30mm per hinge.

*\*Ensure to align the hinges and screws with the framing on the back of the door.*

#### 14x30mm Screws



### Step 4

Rest the assembled door gable (No. 1) and the second plain side (No. 2) onto the floor.

**\*Ensure the door gable sits inside the plain sides.**

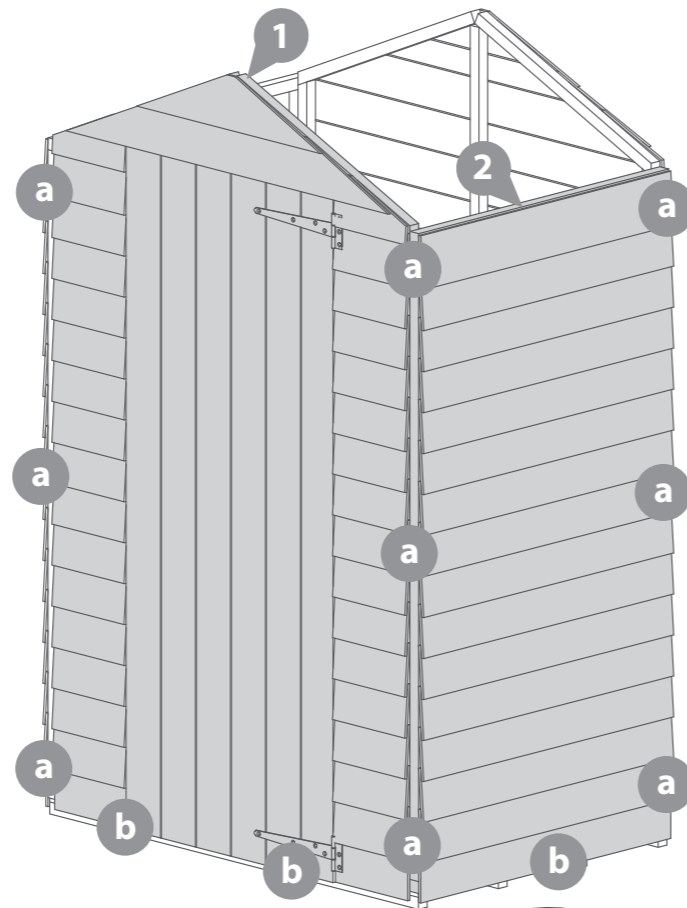
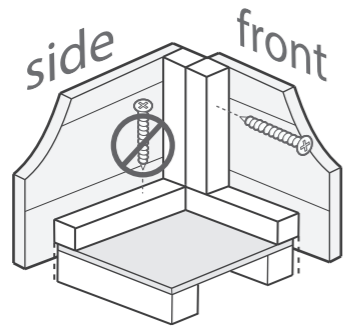
**a** Fix the panels at the corner using 9x 50mm screws.

**b** Do **NOT** secure the building to the floor until the roof has been fitted.

9x50mm Screws



50mm screw



### Step 5

**a** Attach the "L" brackets (No. 14) to each end of the ridge bar (No. 7), ensuring the backs are flush with the edge of the framing using 2x20mm screws per "L" bracket.

**b** Fix to both gables centrally with 2x30mm screws per side.

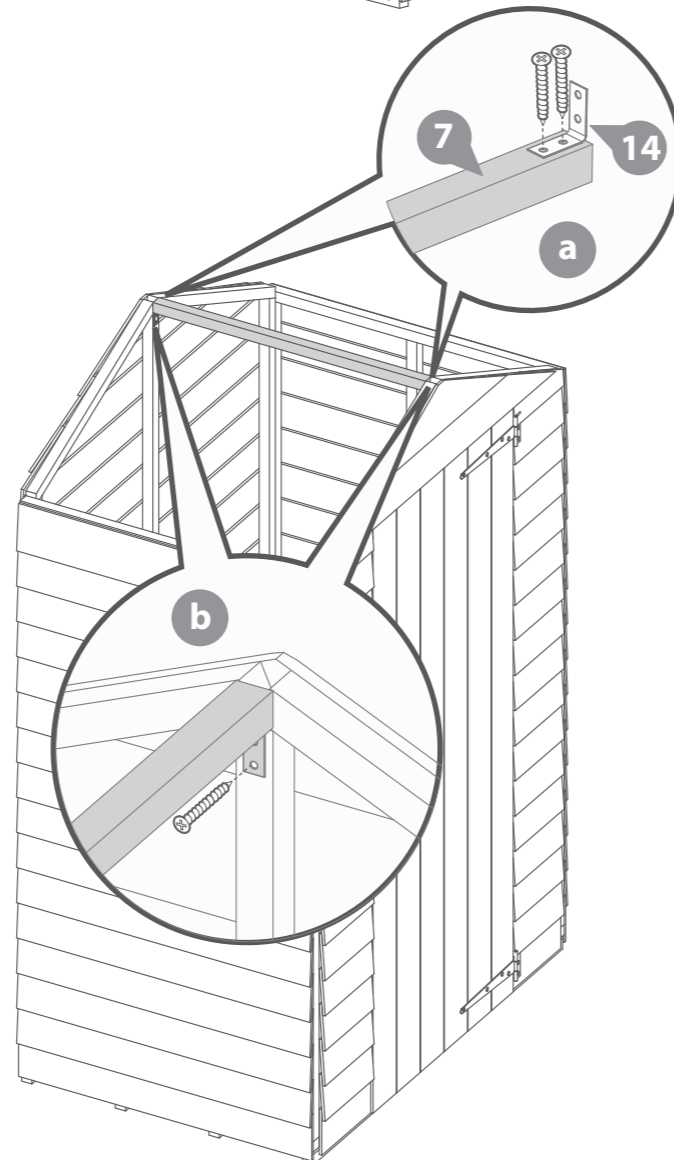
4x20mm Screws

4x30mm Screws



20mm screw

30mm screw

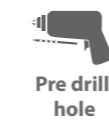


### Step 6

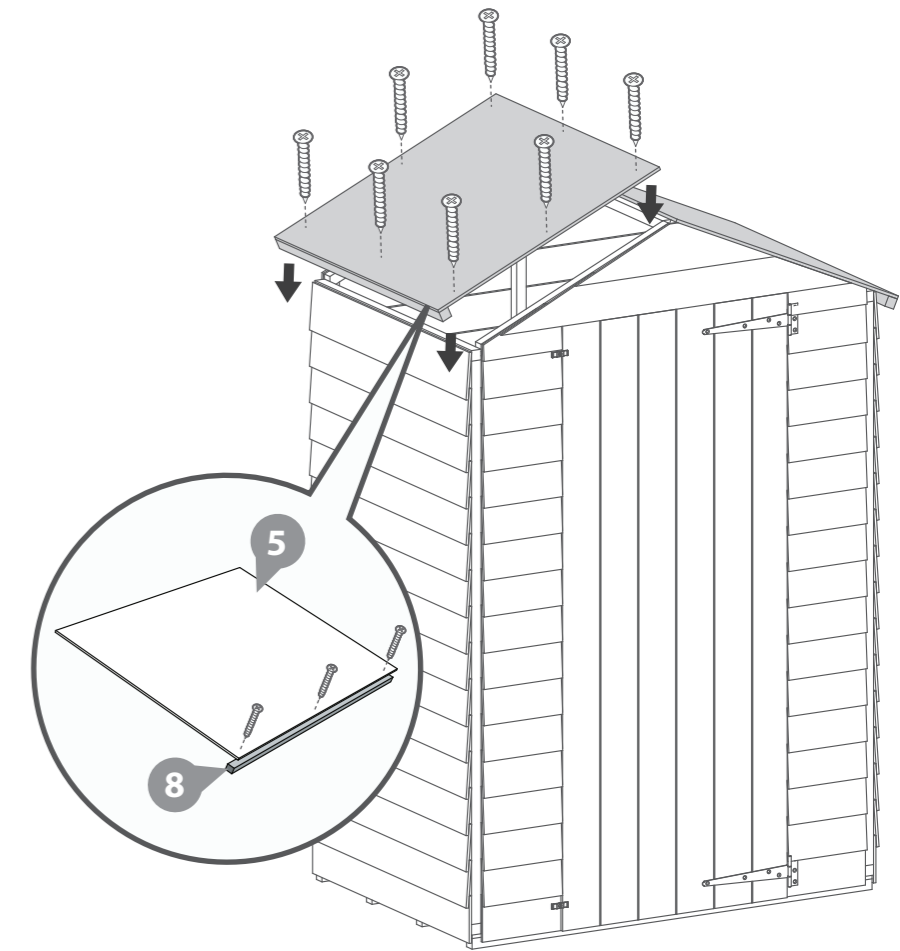
Attach an eave frame (No. 8) to each roof sheet (No. 5) as shown in the illustration using 3x30mm screws.

Fix the the assemble roof sheets onto the gables, securing each sheet with 8x30mm screws.

22x30mm Screws



30mm screw



### Step 7

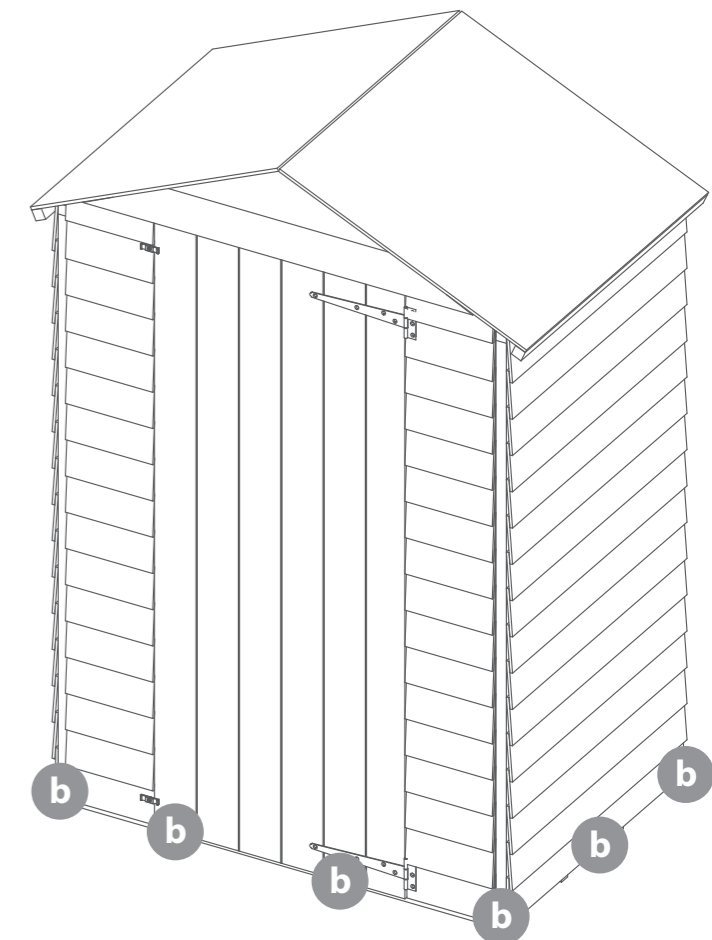
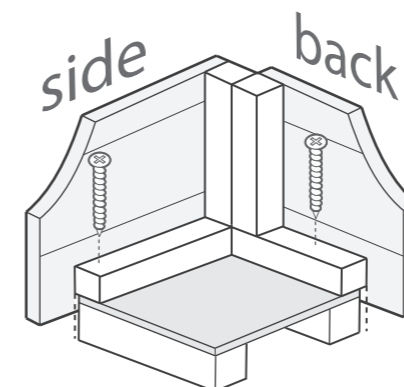
**b** Once the roof has been fixed into position, secure the building to the floor using 12x50mm screws.

**\*Ensure to align the screws with the floor bearers.**

12x50mm Screws



50mm screw



### Step 8

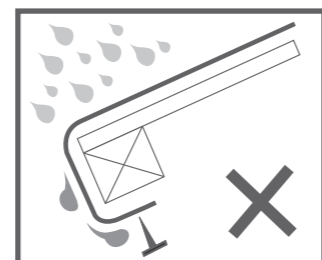
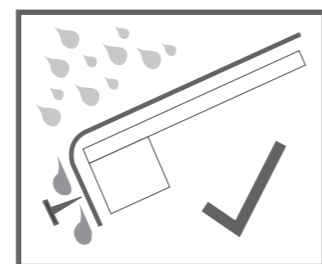
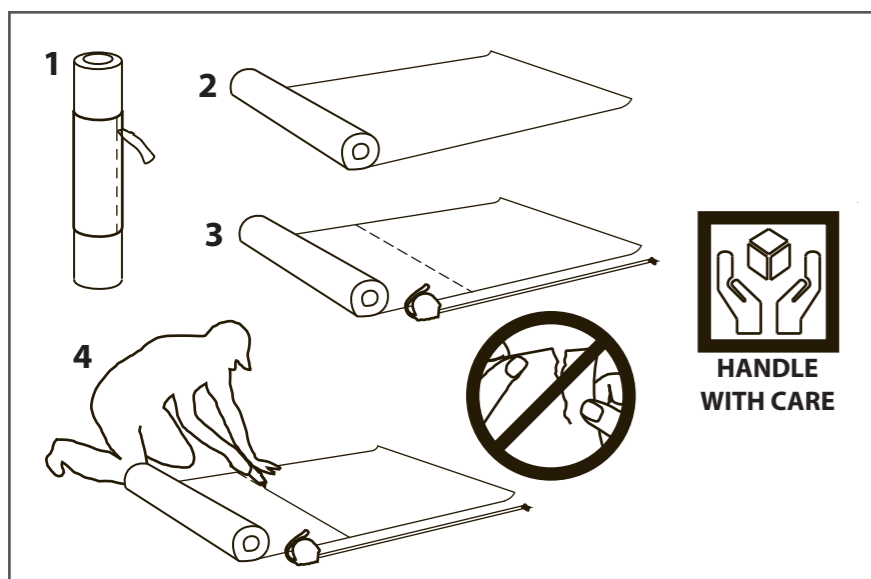
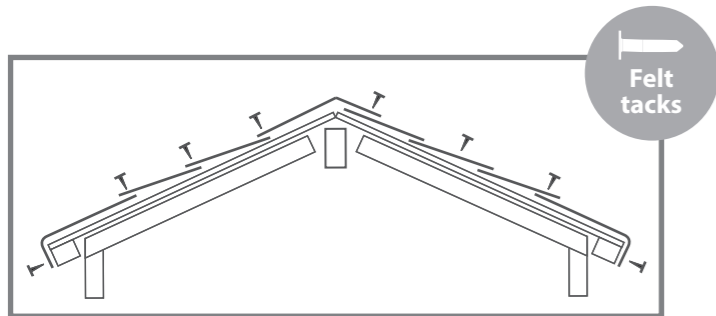
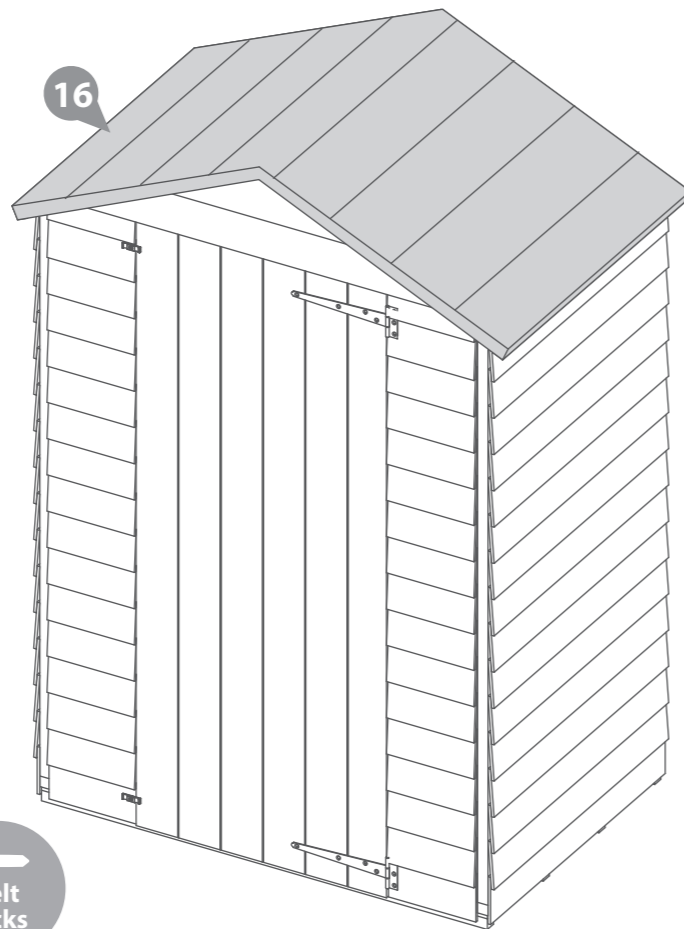
Cut the felt into 8 sheets 940mm in length and lay onto the roof, allowing approximately 50mm of overhang around the building.

Fix the felt into position using 32x felt tacks.

#### 80x Felt Tacks



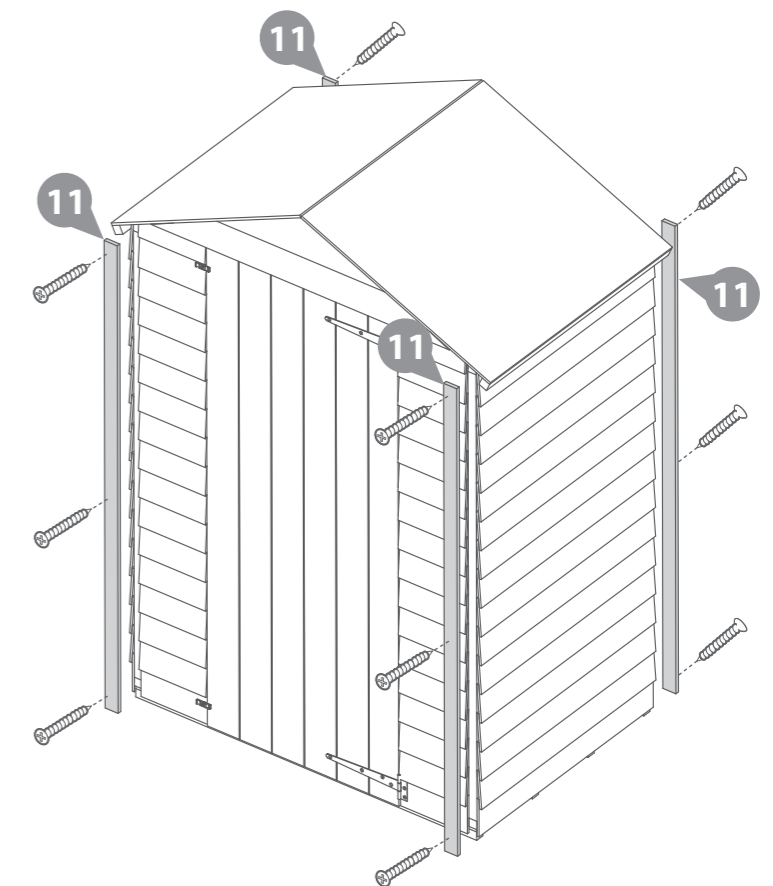
\*Felt size: 1413mm



### Step 9

Fix the cover trims (**No. 11**) to the corners of the building, securing each trim using 3x30mm screws.

#### 12x30mm Screws

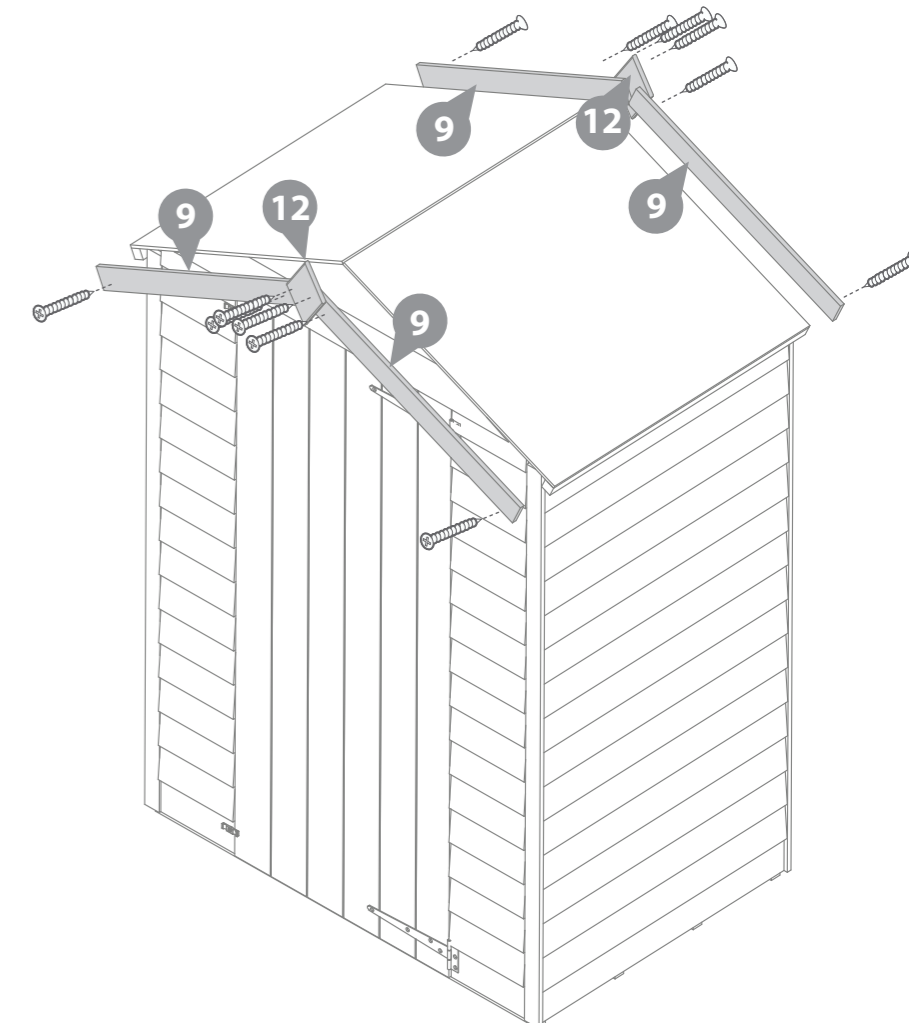


### Step 10

Attach the fascia's (**No. 9**) and finial's (**No. 12**) to the front and back of the building as shown in the illustration, using 12x30mm screws.

*\*Ensure to trap the felt between the fascia's and the building.*

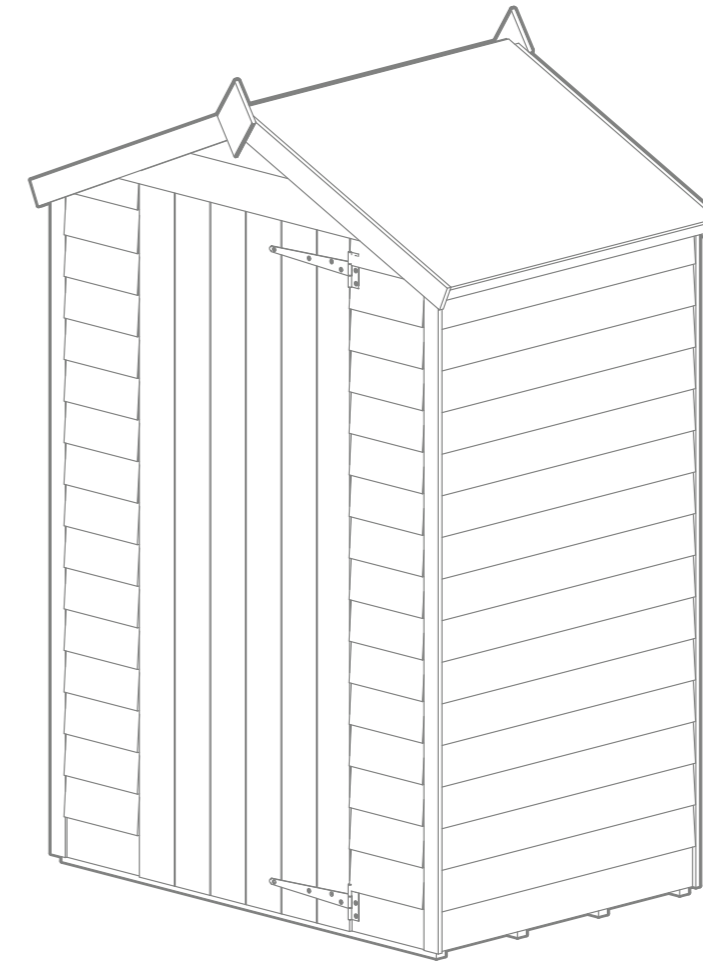
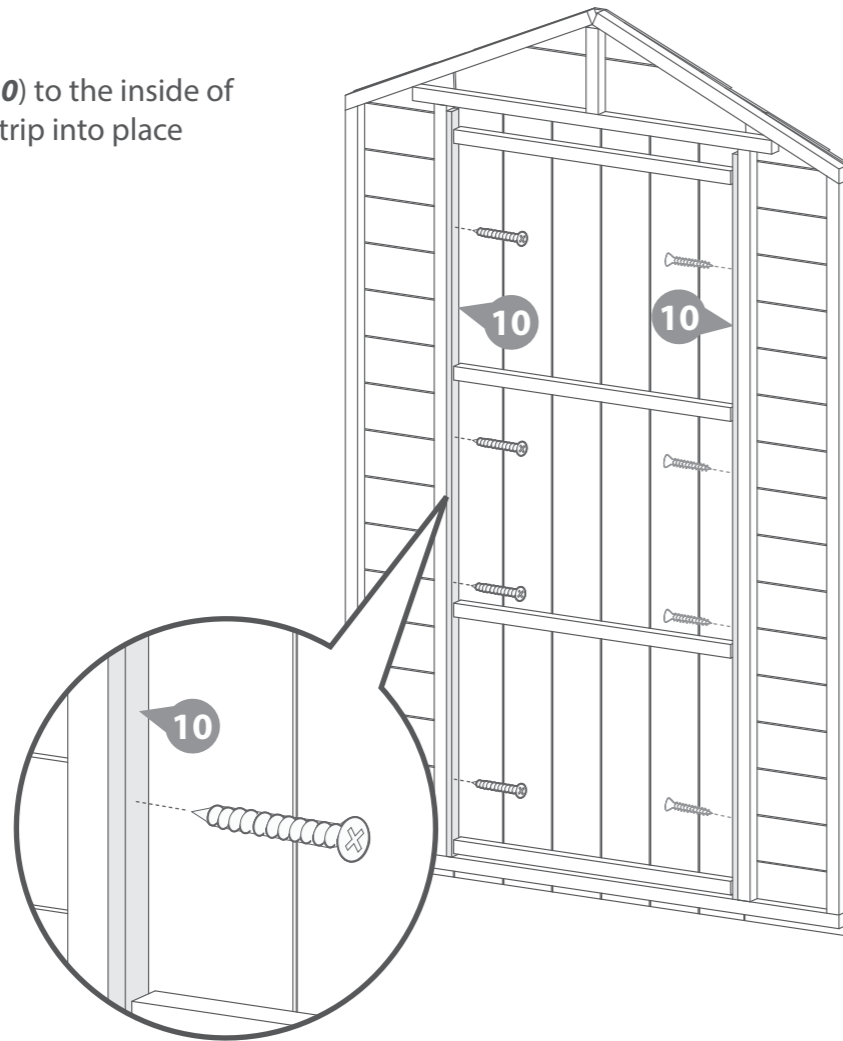
#### 12x30mm Screws



### Step 11

Secure the door strips (**No. 10**) to the inside of the door gable, fixing each strip into place with 4x 30mm screws.

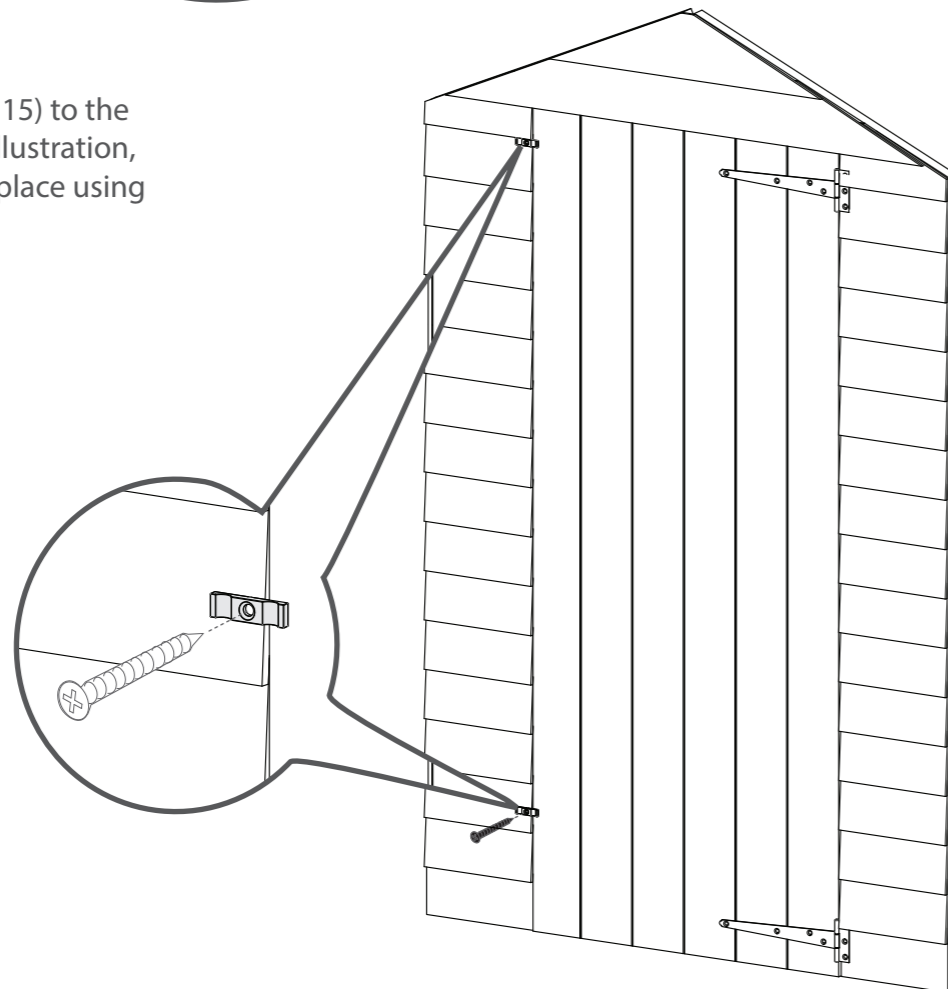
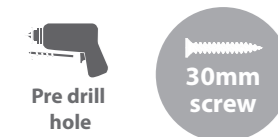
#### 8x30mm Screws



### Step 12

Attach the turn buttons (No. 15) to the door gable as shown in the illustration, fixing each turn button into place using 2x 30mm screws.

#### 2x30mm Screws



# MANUFACTURER'S RECOMMENDATIONS

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

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

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

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

## 2 Preparing the base for your garden building...

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

The base should be slightly smaller than the external measurement of the building, i.e. the cladding should overlap the base, creating a run off for water and preventing water from pooling underneath the building.

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

## 3 After installation...

Once your garden building has been installed it will need to be treated as soon as possible and annually to prevent the timber from deteriorating and to waterproof it. This is required to maintain the anti-rot guarantee.

Dip Treated buildings - Require a preservative treatment to protect against rot and decay and a waterproof treatment to prevent water ingress

Pressure Treated buildings - Require a waterproof treatment to prevent water ingress

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

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

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

## 4 General maintenance and wood characteristics

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

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

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

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

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

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

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

For more handy hints and tips on how to care and maintain your garden building please refer to the MGP Customer Portal at [www.mgplogistics.co.uk](http://www.mgplogistics.co.uk)

Any further questions?

Contact our  
Customer Service  
Team on:  
01636 821215

# WARRANTY AND GUARANTEE

## 1 Manufacturer's Warranty

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

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

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

## 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.

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