

05DTMBPN0503DD-V1

DIP TREATED MATCHBOARD PENT 5X3 DOUBLE DOOR STORAGE UNIT

BEFORE YOU START PLEASE READ INSTRUCTIONS CAREFULLY

- Check the pack and make sure you have all the items listed in the parts list provided.
- When you are ready to start, make sure you have the right tools at hand (not supplied - see the equipment list on next page).
- Ensure there is plenty of space and a clean dry area for assembly.
- Ensure you have enough time to build the product to ensure the building is water tight.

LOCATION FOR YOUR GARDEN BUILDING

A minimum of 600mm 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 within 14 days (weather permitting) 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.

BUILDING A BASE

When thinking about where the building and where the 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.
- Wooden base.

Whilst all products manufactured are made to the highest standards of safety and in the case of children's 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



Bolts



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:



In all instances for assistance with your product, please contact us via our customer portal: <https://www.mgpllogistics.co.uk/>.

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



TO DO LIST

- ☐ Find a suitable location to build *(see front cover for further information).*
- ☐ Build a base *(see front cover for further information).*
- ☐ Check the base is flat, level, clear of debris and has 60cm clearance on all sides.
- ☐ Check you have the required equipment.
- ☐ Check you have all the product items listed *(if you have missing or damaged parts please contact the customer services department, see front cover for contact details).*
- ☐ Install the product as per the step by step instructions within this pack.
- ☐ Prepare the product ready for treatment.
- ☐ Apply a preserving and a waterproofing treatment within 14 days *(weather permitting)* of installation *(pressure treated products do not require a preserver).*
- ☐ Register for your anti rot guarantee *(scan the QR below).*
- ☐ Tidy the build area and dispose of any remaining parts responsibly.
- ☐ Maintain your building *(see the manufacturers recommendations at the back of this pack).*

EQUIPMENT LIST

- ☐ Hammer
- ☐ Flat Head Screwdriver
- ☐ Drill
- ☐ Drill Bit Set
- ☐ Phillips and Slotted Bit Sets
- ☐ Tape Measure
- ☐ Hand Saw
- ☐ Spirit Level
- ☐ Ladders/Steps
- ☐ Stanley Knife/Cutting Tool
- ☐ Sand Paper
- ☐ Gloves
- ☐ Silicone (For Windows Only)
- ☐ Wood Filler (Optional)
- ☐ Timber Preservative Treatment *(not pressure treated products)*
- ☐ Timber Water Proofing Treatment
- ☐ Treatment Mixing Stick
- ☐ Paint Brush/Sprayer/Roller

NEED EXTRA SUPPORT

If you are unsure that your base preparation will be suitable, please contact us on 01636 821215 to discuss this further.


Alternatively, you can visit our website or MGP Logistics Online Portal for some further shededucation.

**Website:**  
<https://www.merciagardenproducts.co.uk/shededucation>

**MGP Logistics Online Portal:**  
<https://www.mgplogistics.co.uk/>

Here you will find plenty of useful information that'll help with most pre-installation and maintenance queries.

PLEASE SCAN HERE:



**ANY QUESTIONS?**

Scan the QR code to contact us via our customer portal.

NOTES

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



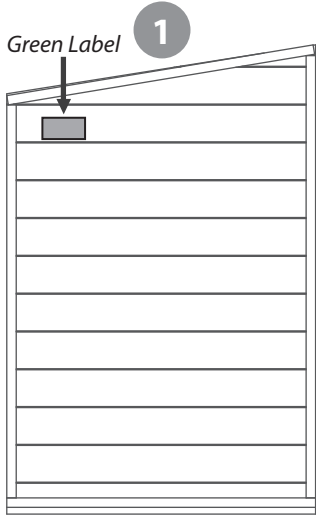
**MADE IN GREAT BRITAIN**

**Overall Dimensions:** Width = 1440mm  
Depth = 1033mm  
Height = 1436mm

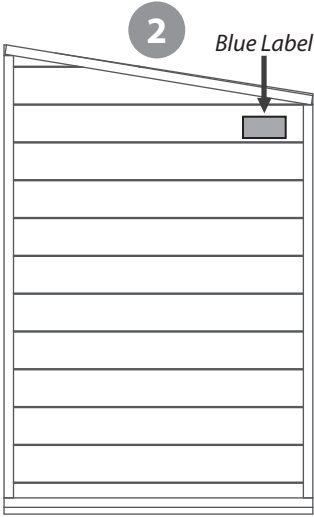
**Base Dimensions:** Width = 1380mm  
Depth = 910mm



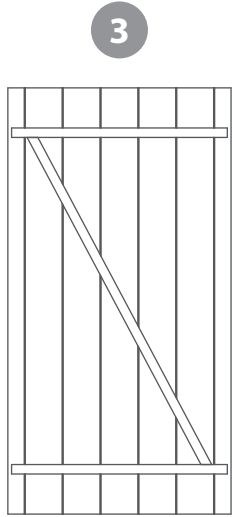
**CONTENTS**



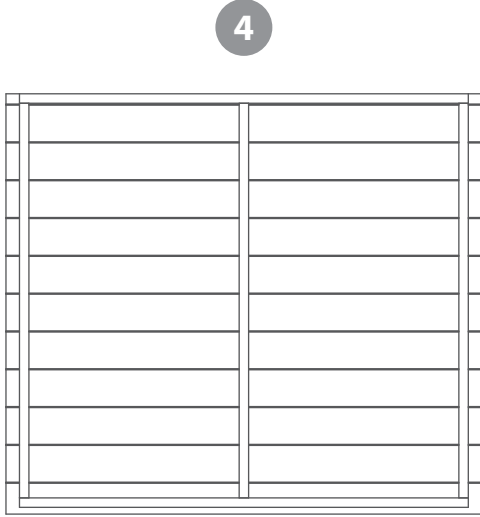
**Right Gable QTY 1**  
AI-05S11MBPGR915X1390-V1



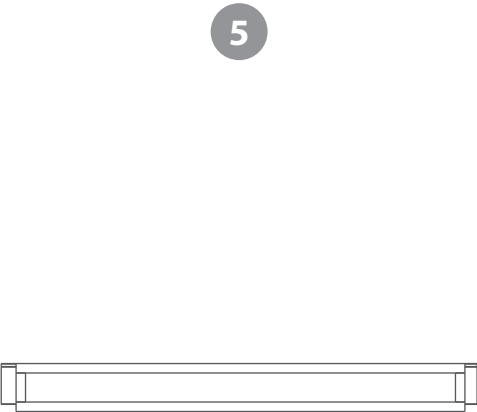
**Left Gable QTY 1**  
AI-05S11MBPGL915X1390-V1



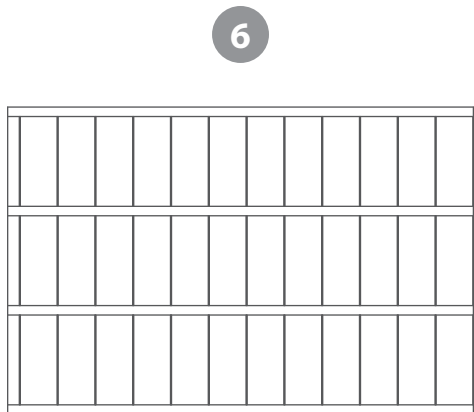
**Door QTY 2**  
AI-S11FBMBZBD660X1260-V1



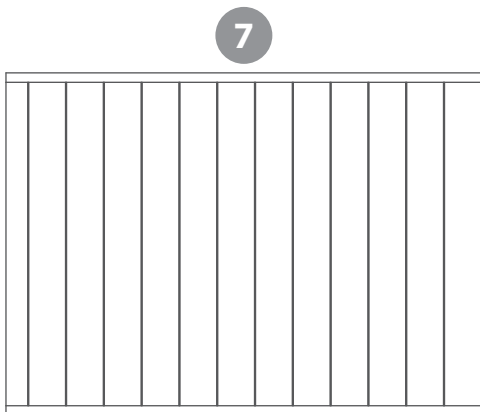
**Plain Panel Back QTY 1**  
AI-S11MBPPTF1410X1245-V1



**Plain Panel Front QTY 1**  
AI-S11MBPPBSF1410X142-V1

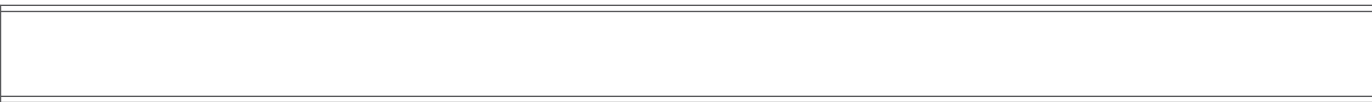


**Floor QTY 1**  
AI-R11MBF1380X910-V1



**Roof QTY 1**  
AI-S11MBPR1410X1014-V1

8



**Front Fascia - 12x95x1440mm QTY 1**  
S1295-1440mm

9



**Side Fascia - 12x95x1020mm QTY 2**  
S1295-1020MM

10



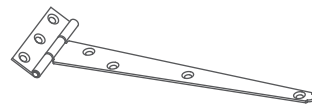
**Door Trim - 12x45x1264mm QTY 2**  
S1245-1264MM

11



**Door Block - 28x28x140mm QTY 3**  
FS2828-140MM

12



**T-Hinge QTY 4**  
PI-07-0021

14



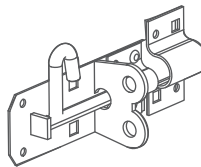
**Turn Button QTY 1**  
PI-07-0034

13



**Felt**

15



**Pad Bolt QTY 1**  
PI-07-0035

**NAIL BAG**

There may be extra screws present in the nail bag



**50mm Screw x 22**



**40mm Screw x 21**



**30mm Screw x 51**



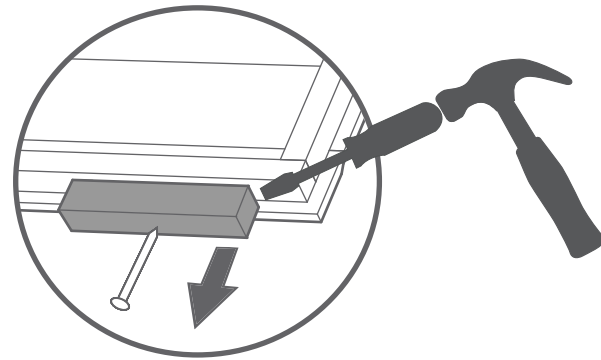
**Felt Tacks x 80**

## 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.

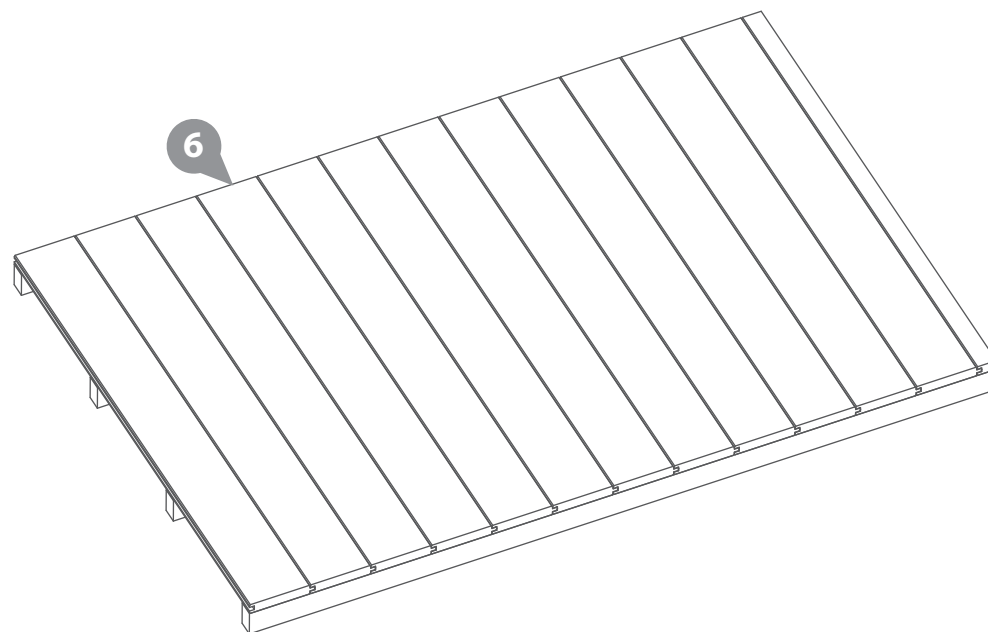
Dispose of the blocks once removed.



## Step 1

### Parts Needed- No.6 QTY 1

Place floor (**No. 6**) on a firm and level base, ensure base has suitable drainage free from areas where standing water can collect. (see front page on base requirements).



## Step 2

### Parts Needed- No.1 QTY 1, No.4 QTY 1

Place the Right Gable (**No.1**) and the Plain Panel Back (**No.4**) onto the floor.

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

Do not secure the building to the floor until the roof is fitted.

Position the panels so there is equal spacing between the floor and cladding on all 4 sides

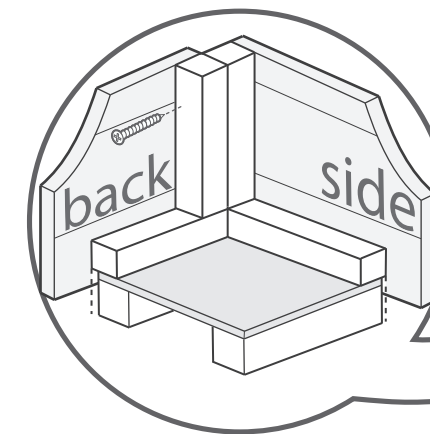
### 3x50mm Screws



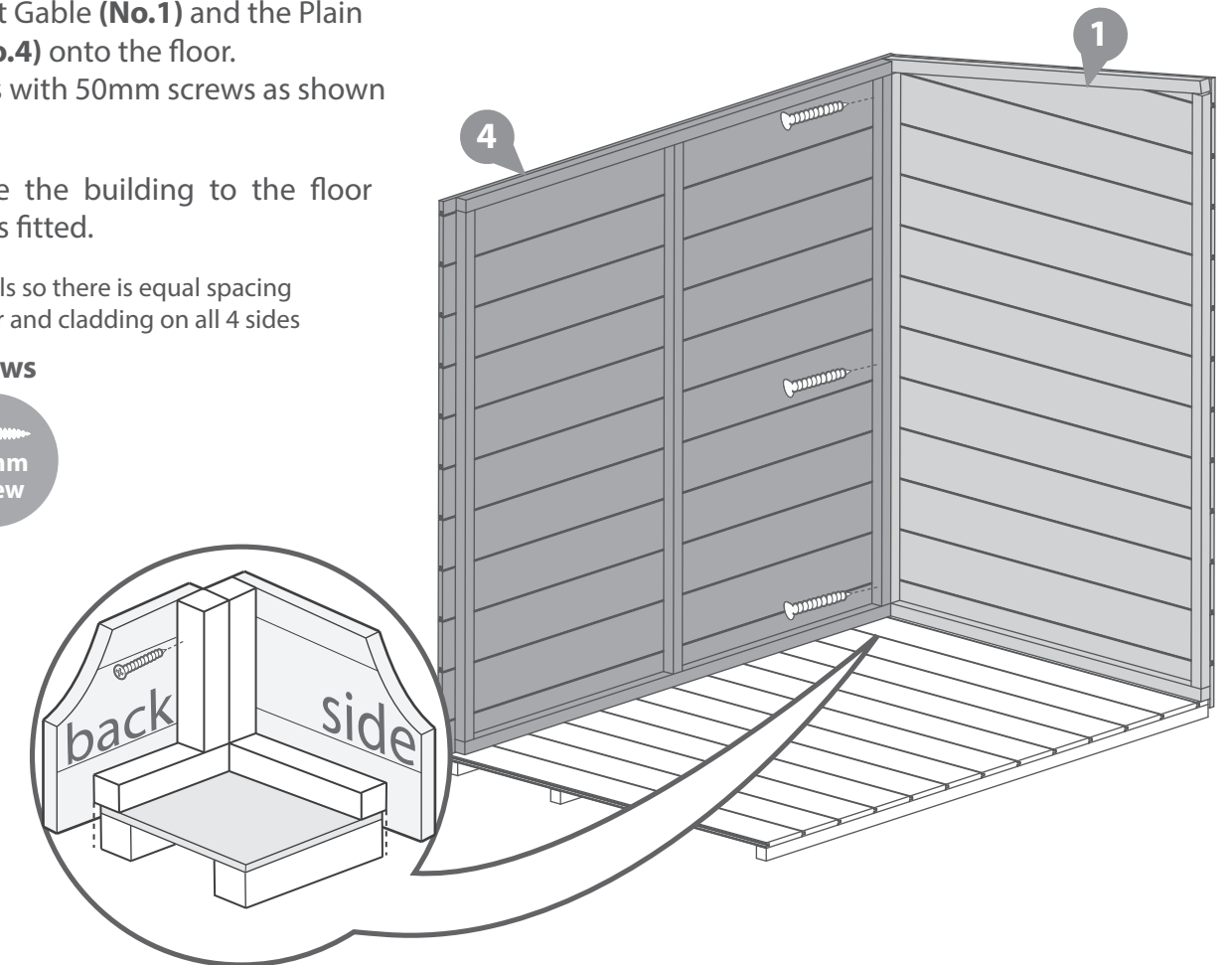
Pre drill hole



50mm screw



**IMPORTANT: Pre-drill before fixing screws.**





## Step 3

**Parts Needed-** No.2 QTY 1, No.5 QTY 1

Place the Left Gable (**No.2**) onto the floor and fix to the Plain Panel Pack using 3x50mm screws.

Line the Plain Panel Front (**No.5**) up to the top of the two gables and fix using 2x50mm screws, screwing through the Plain Panel Front into the two gables.

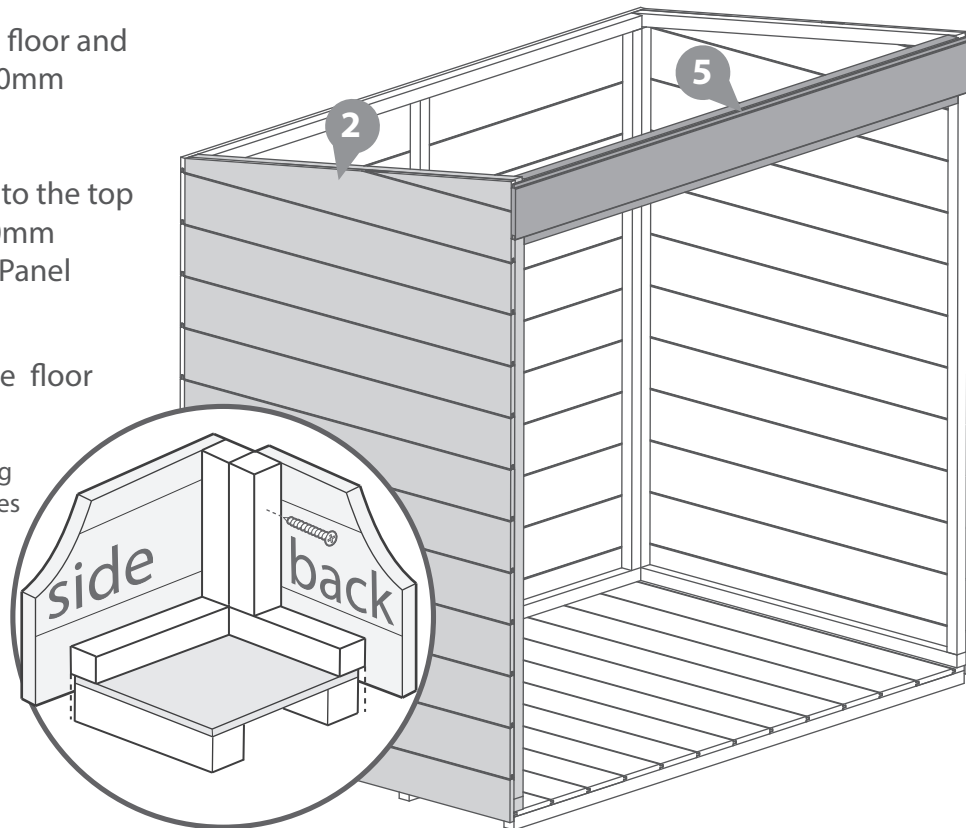
Do not secure the building to the floor until the roof is fitted.

Position the panels so there is equal spacing between the floor and cladding on all 4 sides

**7x50mm Screws**



50mm screw



**IMPORTANT:** Pre-drill before fixing screws.

## Step 4

**Parts Needed-** No.10 QTY 2

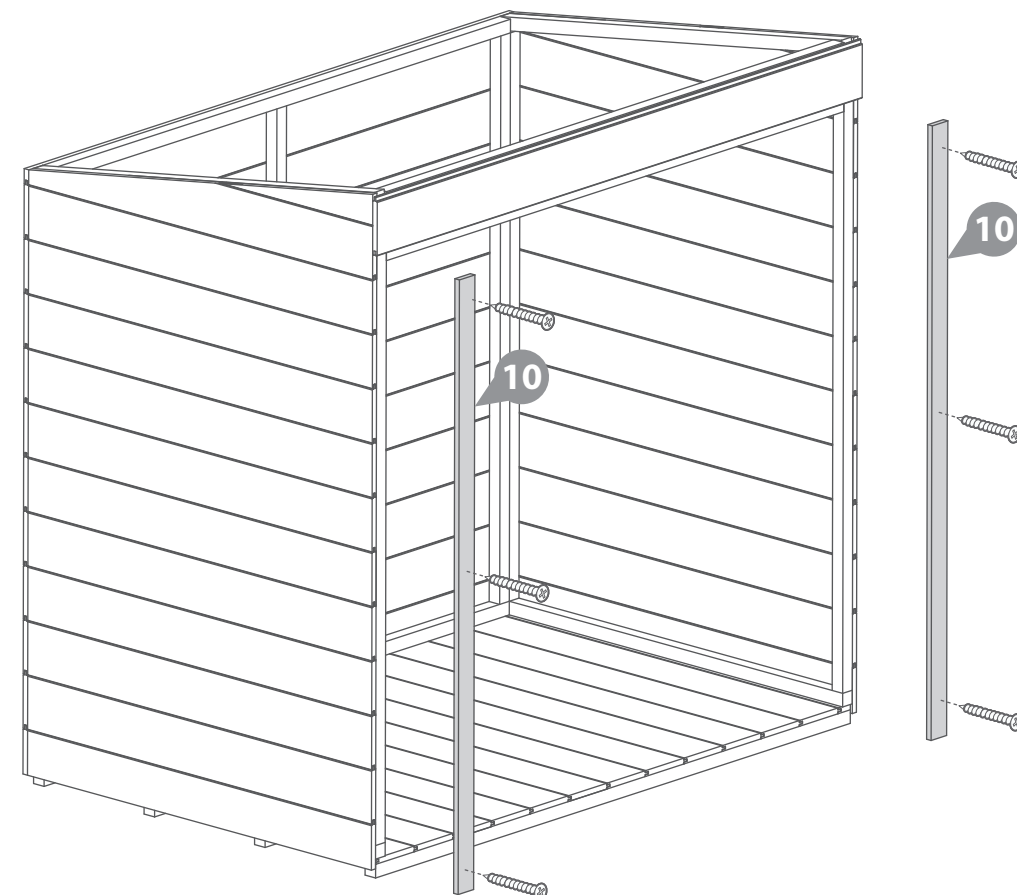
Fit the Door Trims (**No.10**) to the front of the building as shown in the illustration using 30mm screws. Trim the length of the cover trims to the required size before fitting if necessary.

Pre drill to avoid splitting.

**6x30mm Screws**



30mm screw



**IMPORTANT:** Pre-drill before fixing screws.

## Step 5

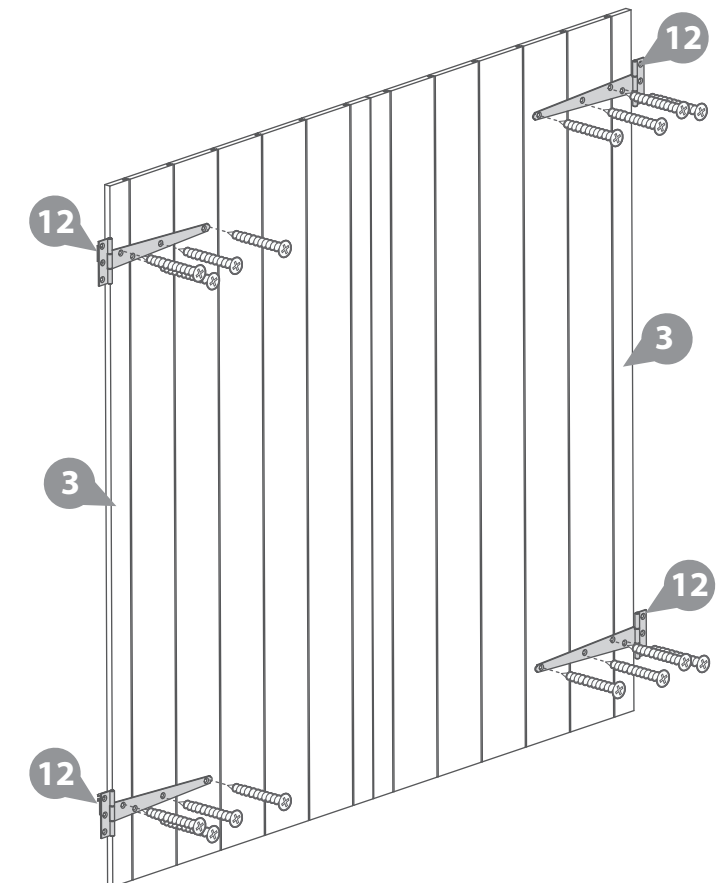
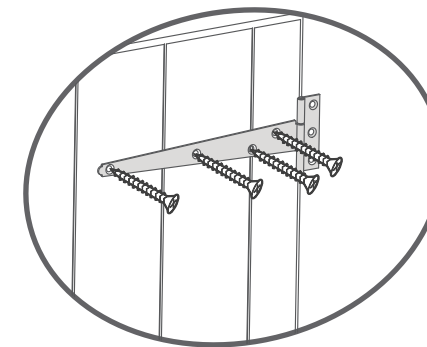
**Parts Needed-** No.12 QTY 4, No.3 QTY 2

Fix the T Hinges (**No.12**) onto the doors (**No.3**) as shown. Ensure that the screws go through the cladding and into the framing behind.

**16x30mm screws**



30mm screw



**IMPORTANT:** Pre-drill before fixing screws.

## Step 6

**Parts Needed-** No.3 QTY 2

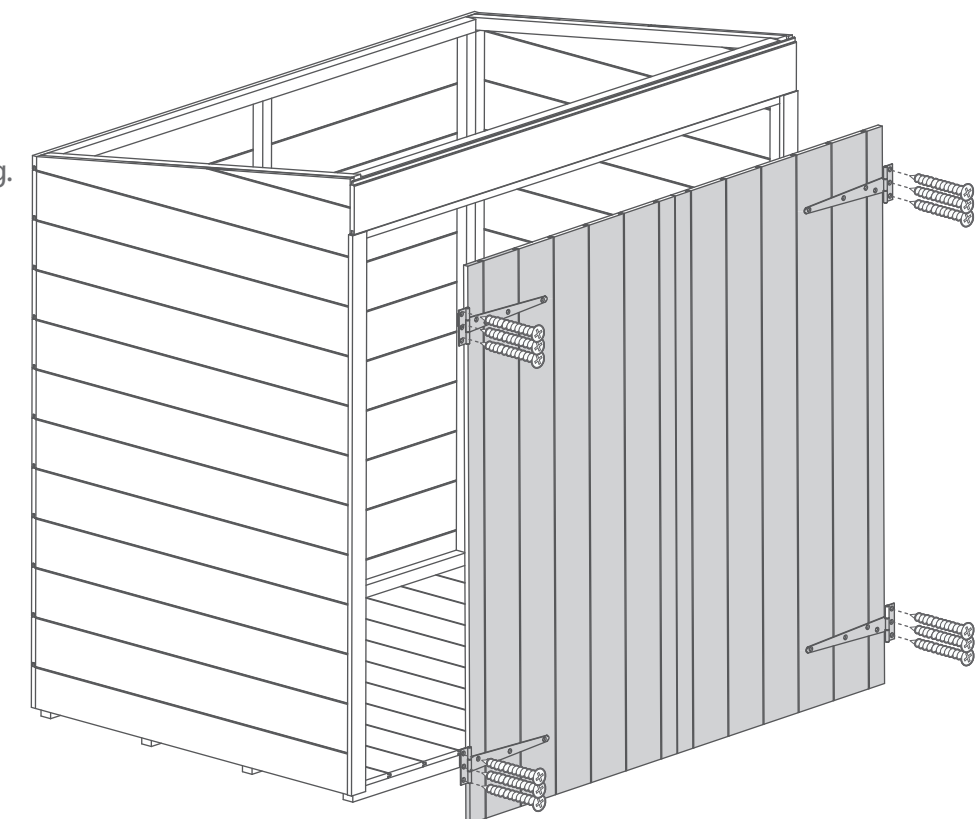
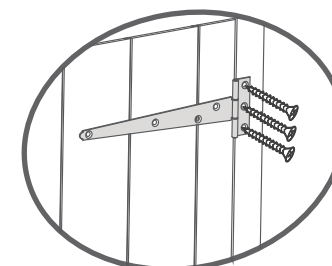
Fix the Doors (**No.3**) to the Door trims (**No.10**) with 30mm screws ensuring the screws are located into the framing.

Leave a 2mm gap in between the doors and the building.  
Pre drill to avoid splitting

**12x30mm Screws**



30mm screw



**IMPORTANT:** Pre-drill before fixing screws.

## Step 7

### Parts Needed- No.7 QTY 1

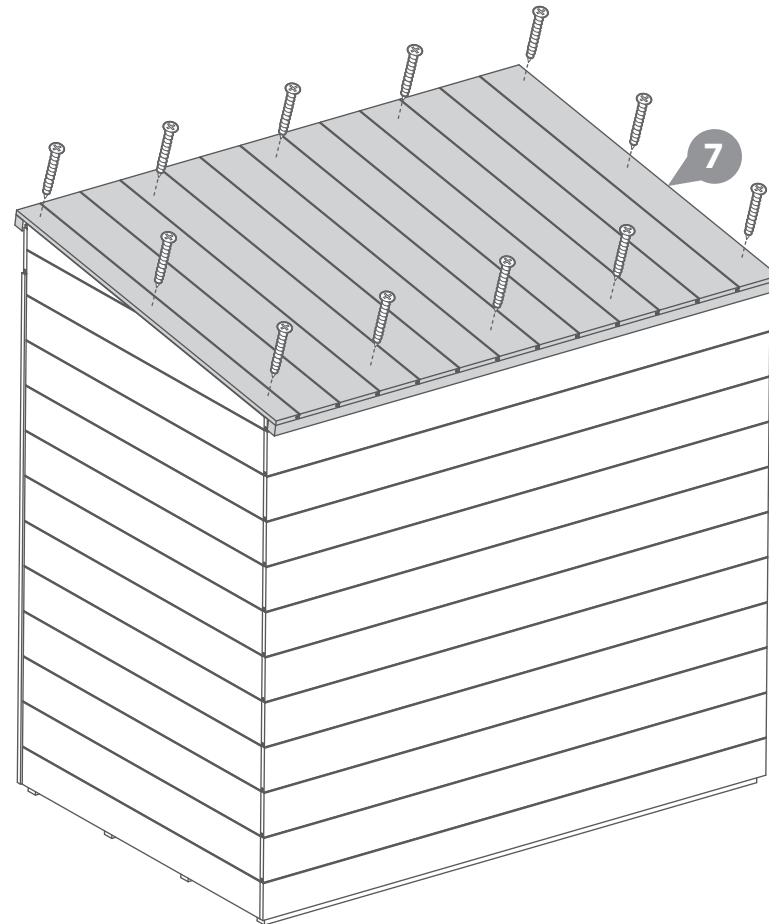
Place the Roof Panel (**No.7**) onto the unit, ensuring the roof rests on the front and back panel.

Secure by screwing through the Roof Panel (**No.7**) into the gables and panels using 10 x 40mm screws.

### 12x 40mm Screws



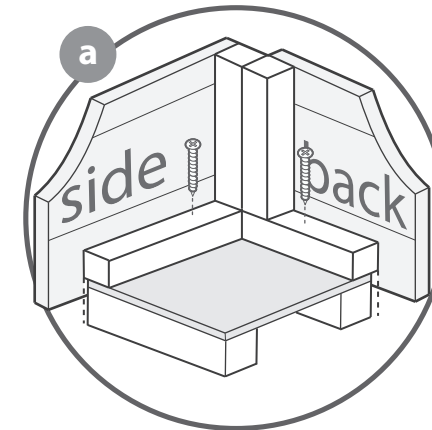
**IMPORTANT: Pre-drill before fixing screws.**



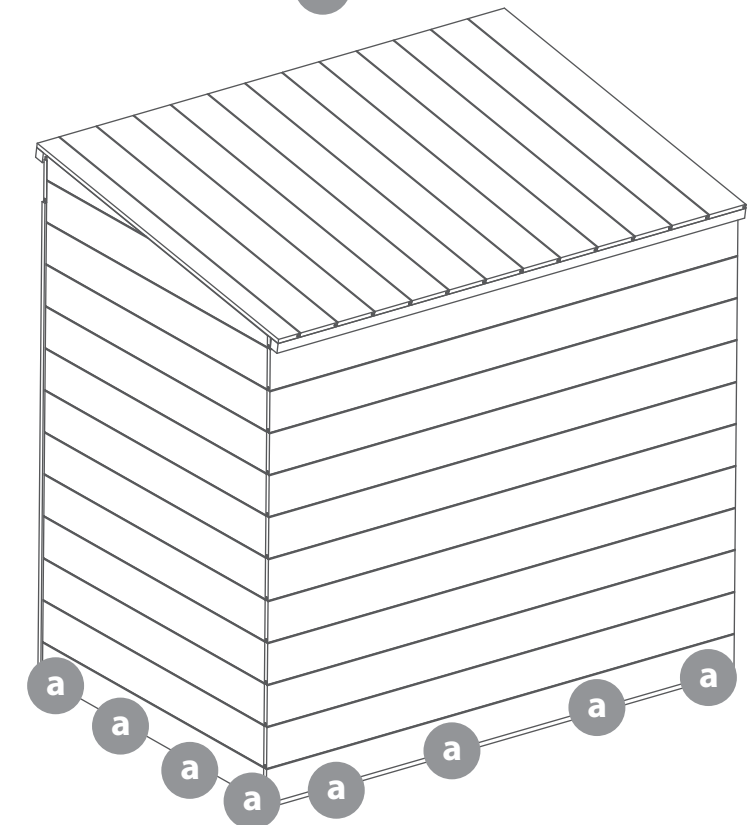
## Step 8

- a** Once the roof is fixed and the building is square, secure the building to the floor using 50mm screws in alignment with the floor bearers across the back panel (**No.4**) and side gables (**No.1 and No.2**)

### 12x 50mm Screws



**IMPORTANT: Pre-drill before fixing screws.**



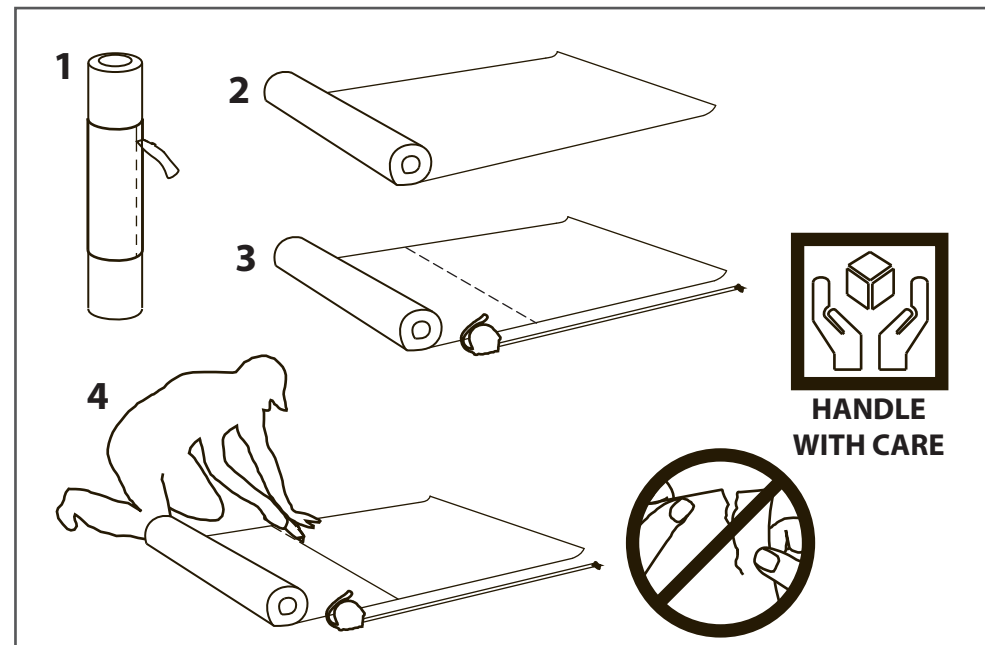
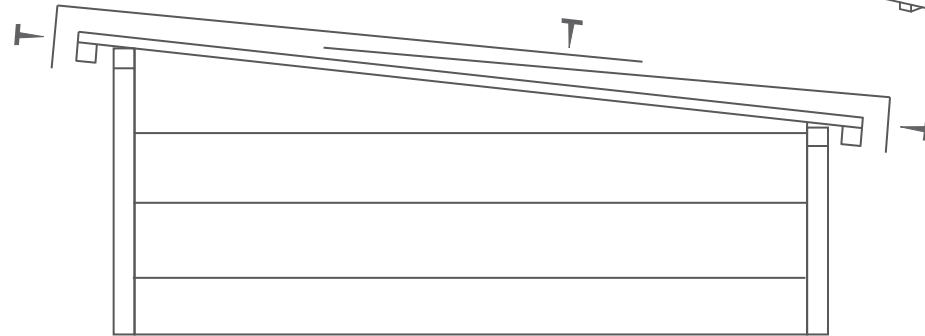
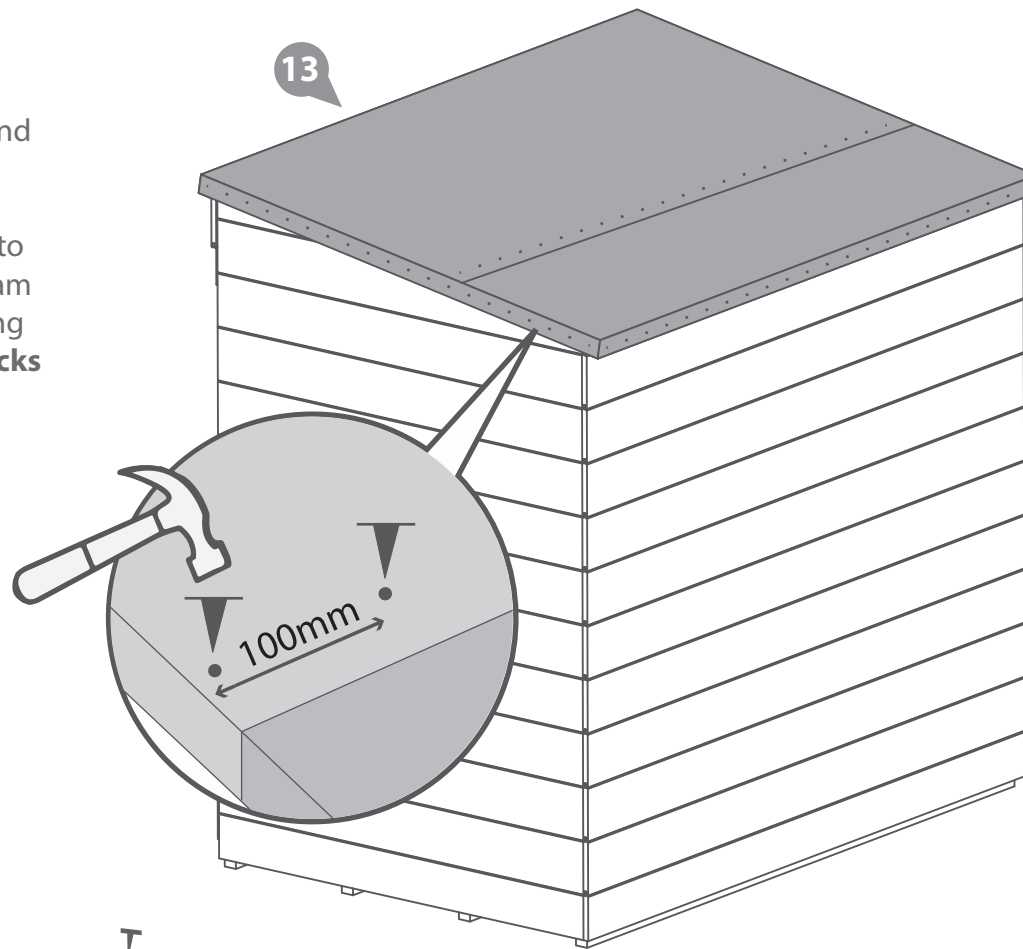
## Step 9

### Parts Needed- No.13 QTY 1

Unroll the felt onto a flat surface and cut into two equal sheets.

Lay both sheets of Felt (**No.13**) onto Roof (**No.7**) as shown in the diagram ensuring there is an equal overhang around the sides. Fix using **Felt Tacks** at 100mm intervals.

### 80 x Felt Tacks

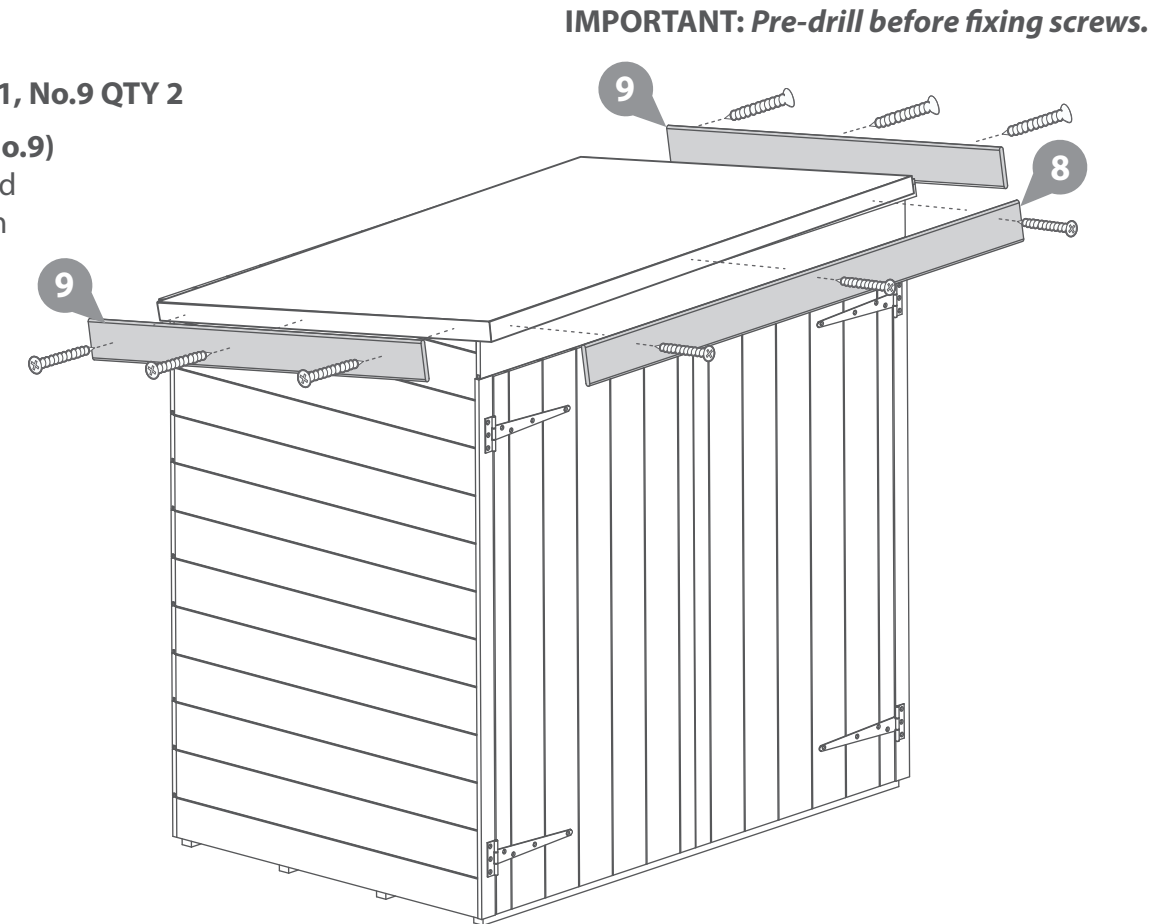


## Step 10

### Parts Needed- No.8 QTY 1, No.9 QTY 2

Fit the fascias (**No.8 and No.9**) to the roof over the felt and secure in place with 40mm screws as shown. Pre drill to avoid splitting.

### 9x40mm Screws



**IMPORTANT: Pre-drill before fixing screws.**

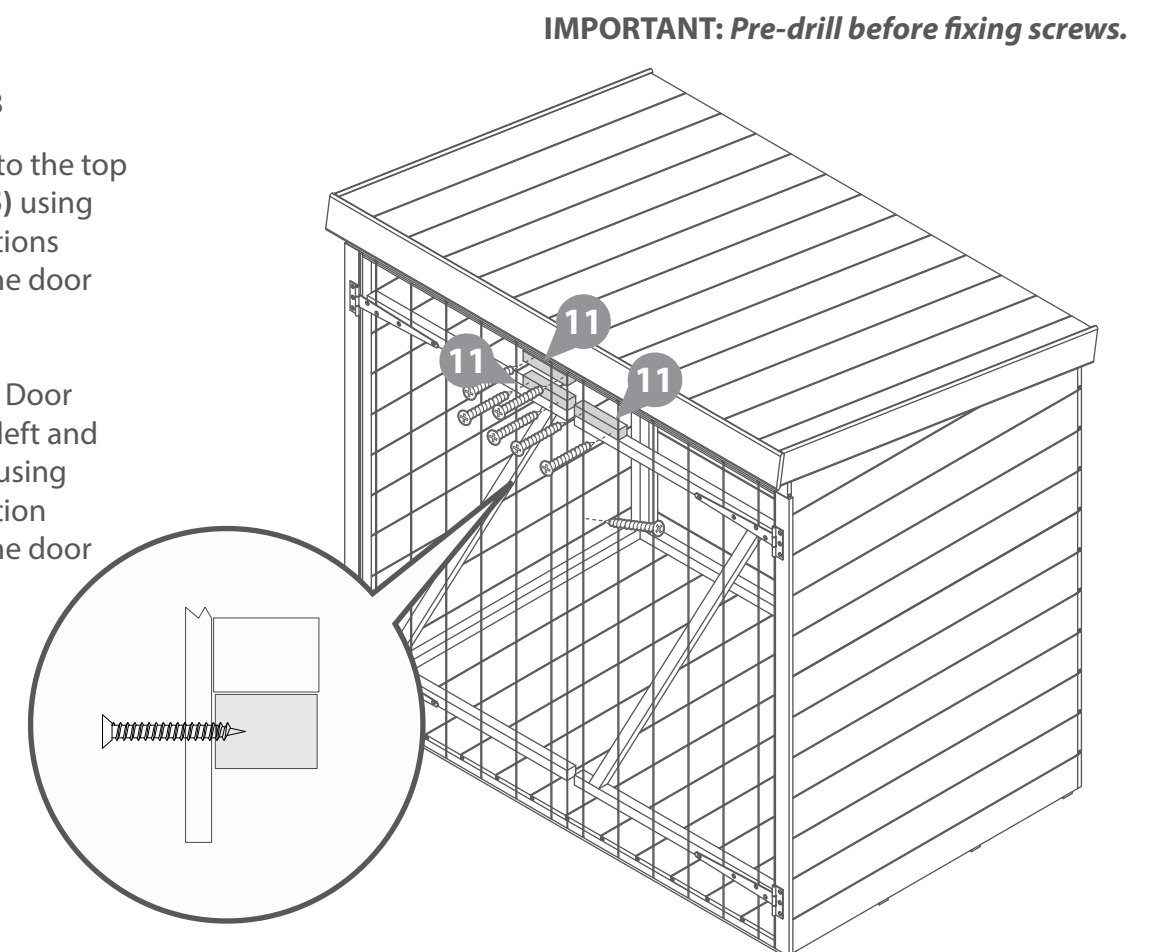
## Step 11

### Parts Needed- No.11 QTY 3

Attach a Door Block (**No. 9**) to the top of the secondary door (**No.5**) using 2x30mm screws, in the positions illustrated. Screw through the door cladding into the blocks.

Attach the second and third Door Blocks (**No. 9**) on top of the left and right doors top framing rail using 2x30mm screws, in the position illustrated. Screw through the door cladding into the blocks.

### 6x30mm Screws



**IMPORTANT: Pre-drill before fixing screws.**

## Step 12

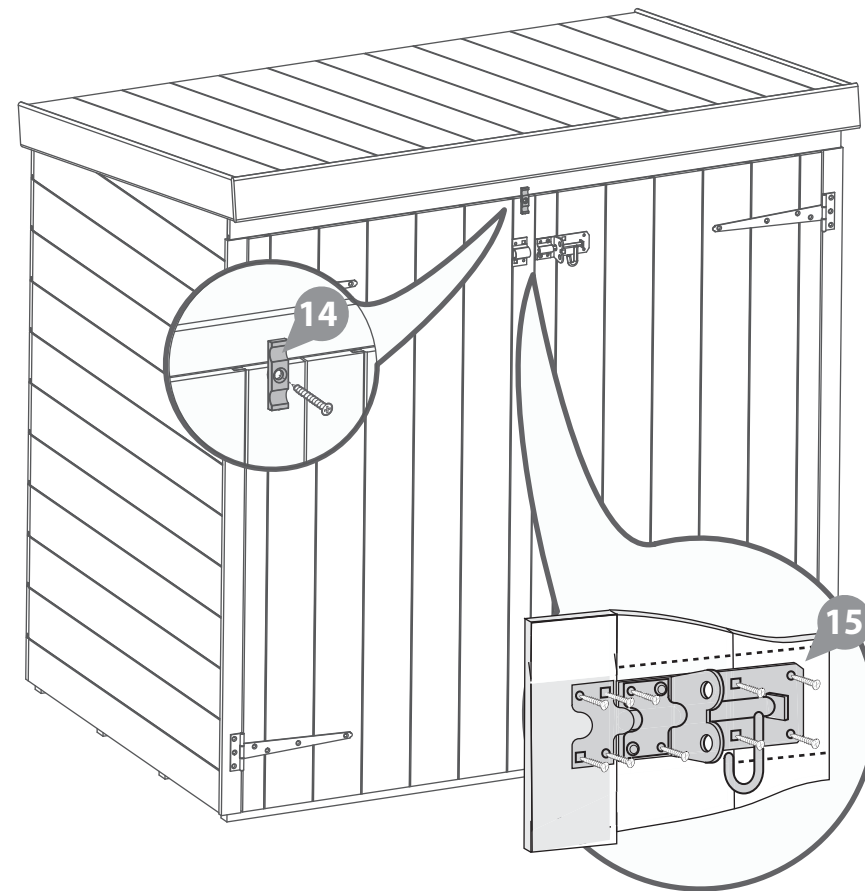
### Parts Needed- No.14 QTY 1, No.15 QTY 1

Fix Pad Bolt (**No.15**) with 6x 30mm Screws to horizontal brace to the Right Hand Door.

Then fix the pad bolt retainer to the Left Hand Door framing using 4x30mm Screws

Fix the turn button (**No. 14**) to the left hand door block ensuring the turn button catches the Plain Panel Front (**No. 5**) to secure the door.

### 11x30mm Screws



**It is ESSENTIAL that you apply wood treatment immediately after the building has been assembled.**



## TREATING YOUR GARDEN BUILDING

Preservation of wood that’s outdoors is vital. A little early care will help protect your garden building, improve its appearance and ensure maximum longevity. Insects, moisture, salt, and changing weather can have dramatic effects on the stability and appearance of your garden building. Once your building is installed, you’ve checked it over and you’re happy with it, you can take a few basic precautions to prepare it for the elements. Treating your garden building helps prevent decay and, by repelling water, discourages the growth of moulds and fungi that could jeopardise the structural integrity of the wood.

**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.



**ANY QUESTIONS?**  
Scan the QR code to contact us via our customer portal.

To apply a preservative and water proofing treatment (pressure treated products do not require a preserver), follow the manufacturer’s instructions but in principle, stick to the following steps:

- ✓ Wear latex or rubber gloves, eye protection and (if spraying) a mask.
- ✓ Prepare the wood, by sanding down any ridges or inconsistencies in the wood, smoothing out knots and end-cuts.
- ✓ Choose a dry day to treat your garden building. If you’re spraying rather than brushing paint on, avoid a windy day.
- ✓ Be sure you can safely reach all the sections you need to paint - and if you need a ladder, make sure it’s safely positioned before climbing. Lay dust sheets around to avoid paint splatters on your base or surrounding plants.
- ✓ Tape around windowpanes to avoid smears when you’re painting the frames.
- ✓ Keep pets and small children out of the way. The last thing you want is to have fur on your garden building paint, or little painted footprints all over your garden and home.
- ✓ Fill any gaps in the building’s body with caulk or wood filler to prevent water and draughts getting in. Silicone based caulk is flexible and will move with the timber when temperature and humidity change. Allow to dry completely before treating. A handy tip for finding gaps is to go into your garden building and look for light leaking through joins and frames. If light gets in, then so will water.
- ✓ Liberally apply at least two coats of the treatment products with a brush or spray, taking care to allow the first coat to completely dry before applying the second.
- ✓ Make sure the solution permeates the whole of the surface area, especially around natural cracks, end cuts and nail/screw holes.



APPLY WOOD TREATMENT  
**IMMEDIATELY**  
AFTER ASSEMBLY

PLEASE SCAN HERE TO  
SEE TREATMENT VIDEO:



## 1 Perimeter

Check around the perimeter of your product to ensure there are not trees or plants that are in contact with or overhanging the building. This can affect airflow and overhanging trees, or branches can damage the roof, it is advised to keep plants at a distance.

## 2 Repair

Inspect the interior and exterior of the product to look for splits, cracks, and holes. Although this is a natural occurrence it can be prevented. A wood filler can be used to close the splits, cracks, and holes.

## 3 Roof

Check your roof regularly for tears, splits, damaged wood and fallen debris. If you notice any of this immediate repair is critical.

## 4 Doors & Windows

Expansion and contraction can cause doors and windows to stick or become difficult to open. Small adjustments to the hinge position can be made to the doors and windows to allow free movement.

## 5 Oil

Hinges can seize up over time, apply lubricant to the hinges and locks annually.

## 6 Screws & Bolts

It is advised to check all screws and bolts and tighten any loose you might find. For log cabins specifically the storm braces will require loosening. During humidity and temperature changes (seasons) to allow expansion and contraction to prevent gaping, twisting, popping, and warping.

## 7 Wash

At least once a year, give the outside of you building a good wash, to remove cobwebs, leaves, or any other dirt that may accumulate on the exterior.

## 8 Airing

Airing your product regularly prevents the build up of condensation which can cause the timber to rot and mould. Condensation can build up over time or daily, it is caused by a rise and fall in temperature. Leaving doors and windows open regularly can help combat the natural moisture build up.

## 9 Clean & Tidy

It is good practice to clean the inside and outside of your product regularly. Clear out the contents, sweep the floor, remove dirt and cobwebs. Check for areas of damp and investigate the cause to remove and prevent future occurrences. Check the ground around your product for build up of debris such as leaves, remove and ensure there is clear ventilation underneath the floor.

### Additional Playhouse Maintenance:

It is recommended that the following checks and maintenance are carried out at the beginning of each season as well as at regular intervals during the usage season.

- Check all nuts /bolts/ screws for tightness and tighten when required.
- Check for movement / opening of wood giving rise to protrusion of nail heads and tips.
- Check hinges.
- Replace defective parts in accordance with the manufacturers instructions.
- Check any crossbeams, suspensions and anchors.
- If a swing is included; check the swing seat, chains and ropes.

**IF THESE CHECKS ARE NOT CARRIED OUT THE ACTIVITY TOY COULD BECOME A HAZARD**

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 within 14 days (weather permitting) 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 via the MGP  
Customer Portal at:  
[www.mgplogistics.co.uk](http://www.mgplogistics.co.uk)

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 (600mm) 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 has not been 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 attacks.

To validate the guarantee, the building must be treated (as detailed within manufacturer’s recommendations) within 14 days (weather permitting) of 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 600mm 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 has not been 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:

