

01DTGRODB1008-V4

10x8 Groundsman Dutch Barn

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.

Refer to the instructions pages for your specific product code



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.



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:



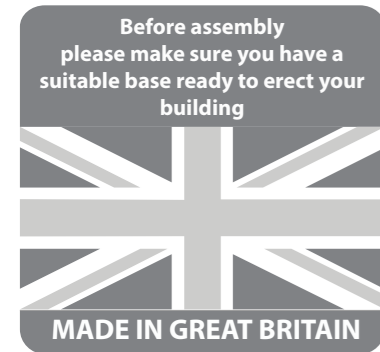
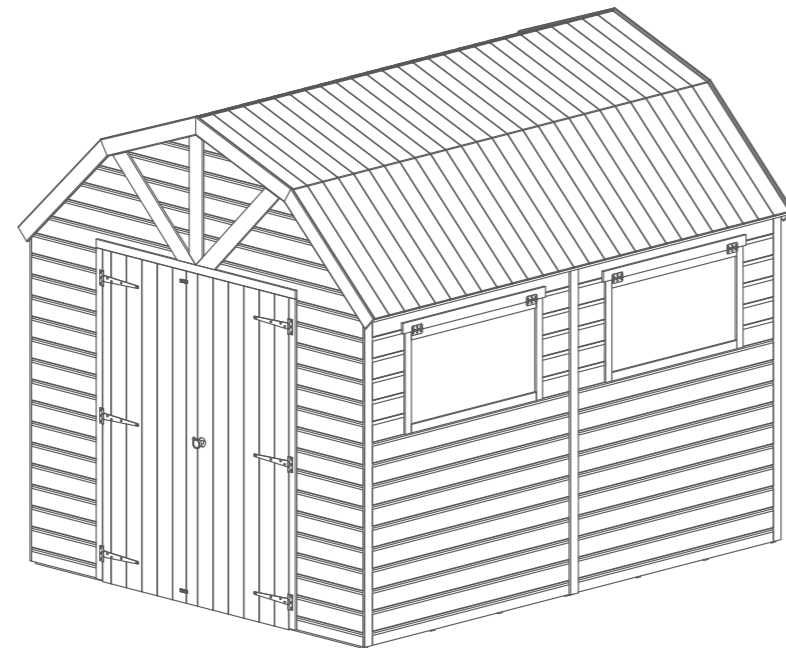
For assistance please contact customer care on: 01636 821215

Sutton On Trent,
Newark,
Nottinghamshire,
NG23 6QN

www.merciagardenproducts.co.uk

Overall Dimensions:
 Length = 3055mm
 Width = 2590mm
 Height = 2603mm

Base Dimensions:
 Length = 2998mm
 Width = 2388mm



- 1**

Door Panel
AI-01GRODBDP2413X1796-V1
- 2**

Window Panel
AI-01GRODBWS1459X1816-V1
QTY 2
- 3**

Plain Panel
AI-01GRODBPS1459X1816-V1
QTY 2
- 4**

Back Panel
AI-01GRODBPP2413X1796-V1
- 5**

Gable Top
AI-01GRODBPGT2418X810-V2
QTY 2
- 6**

Door
AI-01-21ZB1770X676-V1
QTY 2
- 7**

Floor
AI-01TAGF2388X1499-V2
QTY 2
- 8**

Sml Roof
AI-01GRODB1008SR-V4
QTY 2
- 9**

Lrg Roof
AI-01GRODB1008LR-V4
QTY 2
- 10**

Window
AI-01OW-V1
QTY 2

- 19**

Fascia Board - 12x95x739mm
S1295-G-739mm QTY 4
 - 20**

Door Cloaking Strip
F2744-1670mm
 - 21**

Hasp & Staple Lock
PI-07-0191
 - 22**

Butt Hinge QTY 4
PI-07-0066
 - 23**

Tower Bolt QTY 2
PI-07-0030
 - 24**

Turn Button QTY 2
PI-07-0034
 - 25**

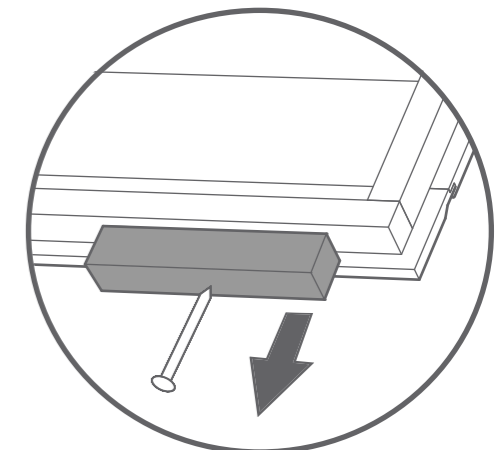
T-hinge QTY 6
PI-07-0021
 - 26**

Casement Stay QTY 2
PI-07-0007
 - 27**

Felt
- Nail Bag**
- 60mm Screw x18
 - 30mm Screw x127
 - 50mm Screw x64
 - 20mm Screw x22
 - 40mm Screw x38
 - 16mm Screws x14
 - Felt Tacks x190

Pre Assembly

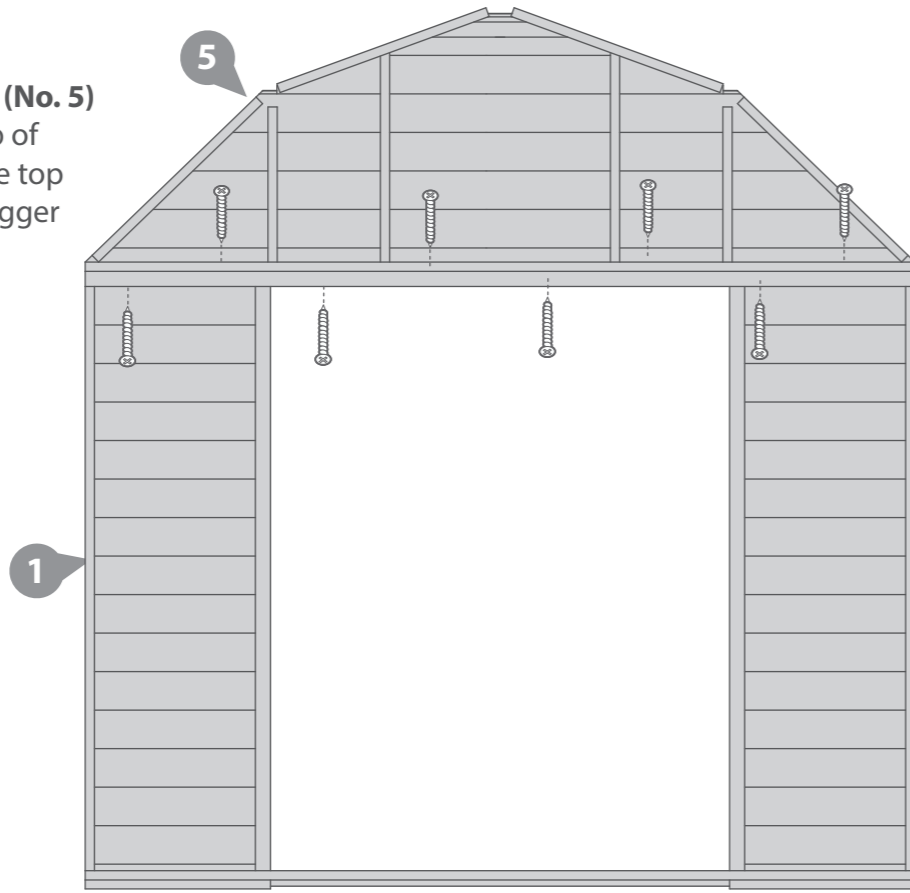
Remove transportation blocks from the bottom of each panel before beginning assembly. Each Panel should have two blocks.



Step 1

Lay the Door Panel (No. 1) and Gable Top (No. 5) on a level floor place the gable top on top of the door panel ensure they are level at the top then fix together using 60mm screws. Stagger the screws so they do not collide.

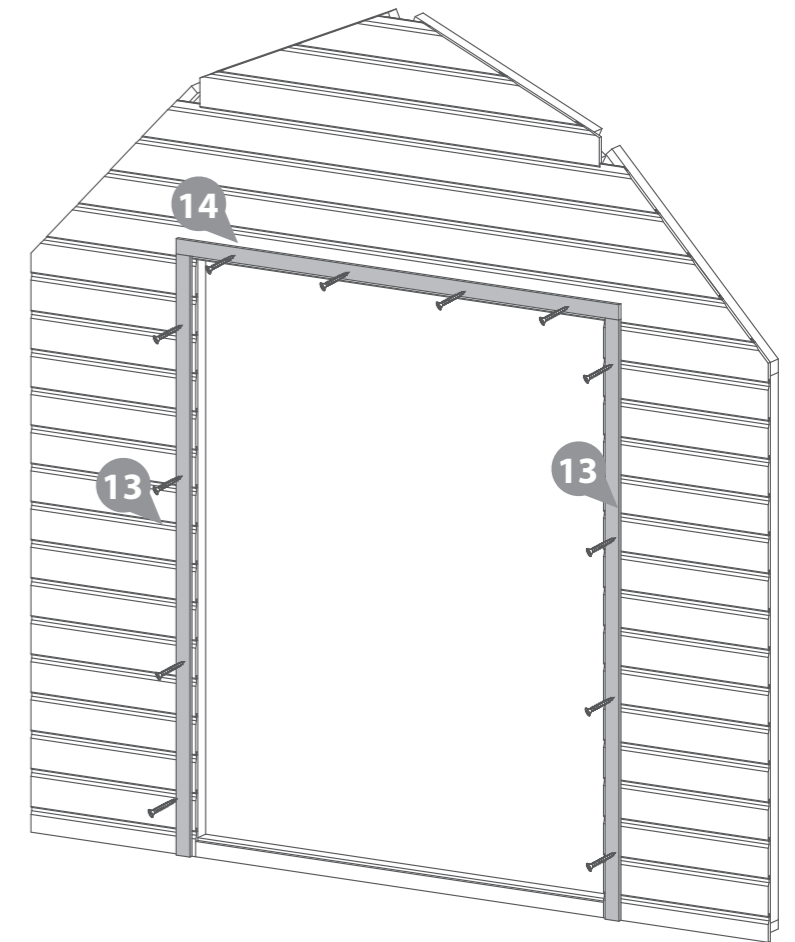
8x60mm Screws



Step 3

Fix the door strips (No. 13 & No. 14) onto the front gable using 4x30mm screws for each strip

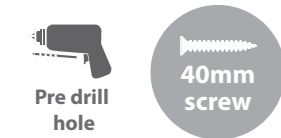
12x30mm Screws



Step 2

Line a Gable Strip (No. 11) up to the assembled gable ensuring the bottom of the strip lines up with the underneath of the door panel framing as shown in the illustration and fix in place using 40mm screws.

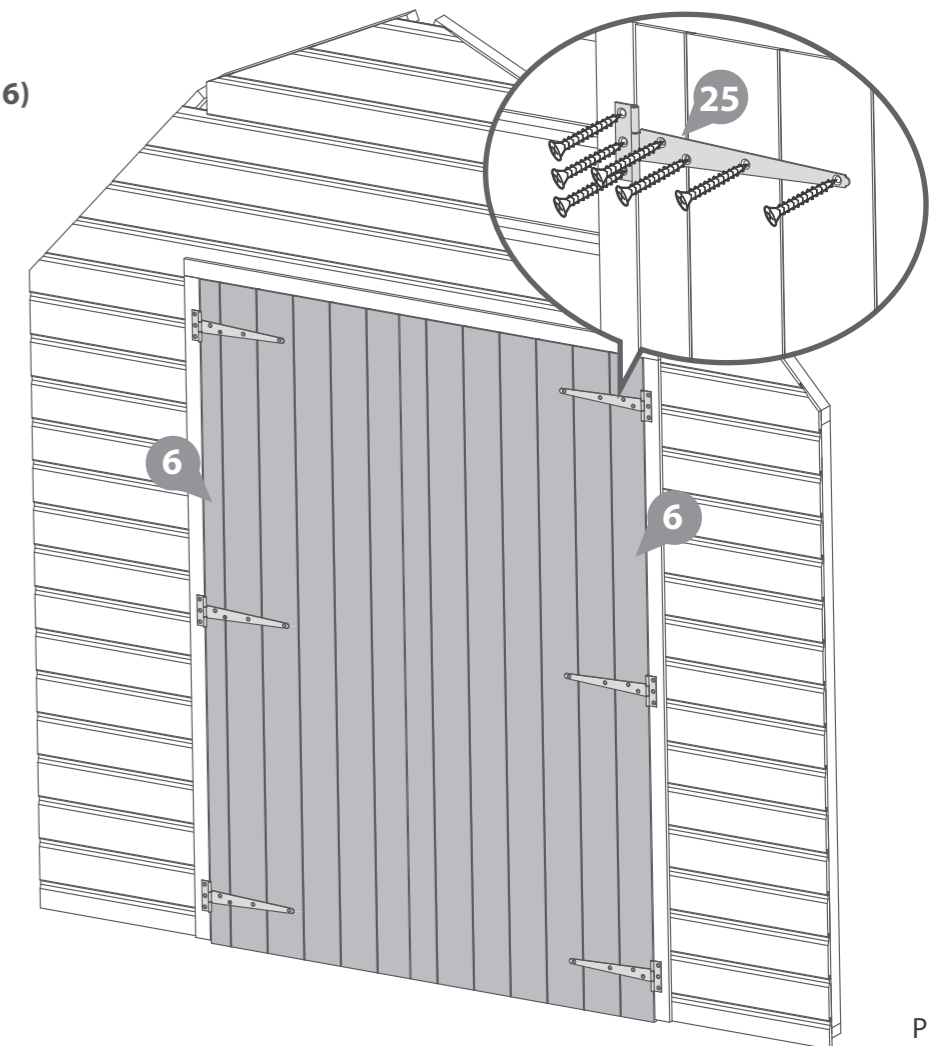
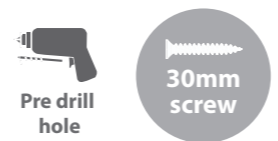
6x40mm Screws



Step 4

Fix the T Hinges (No. 25) onto the doors (No. 6) and door frame as shown above. Ensure that each of the hinges are evenly spaced and screwed into the Door framing.

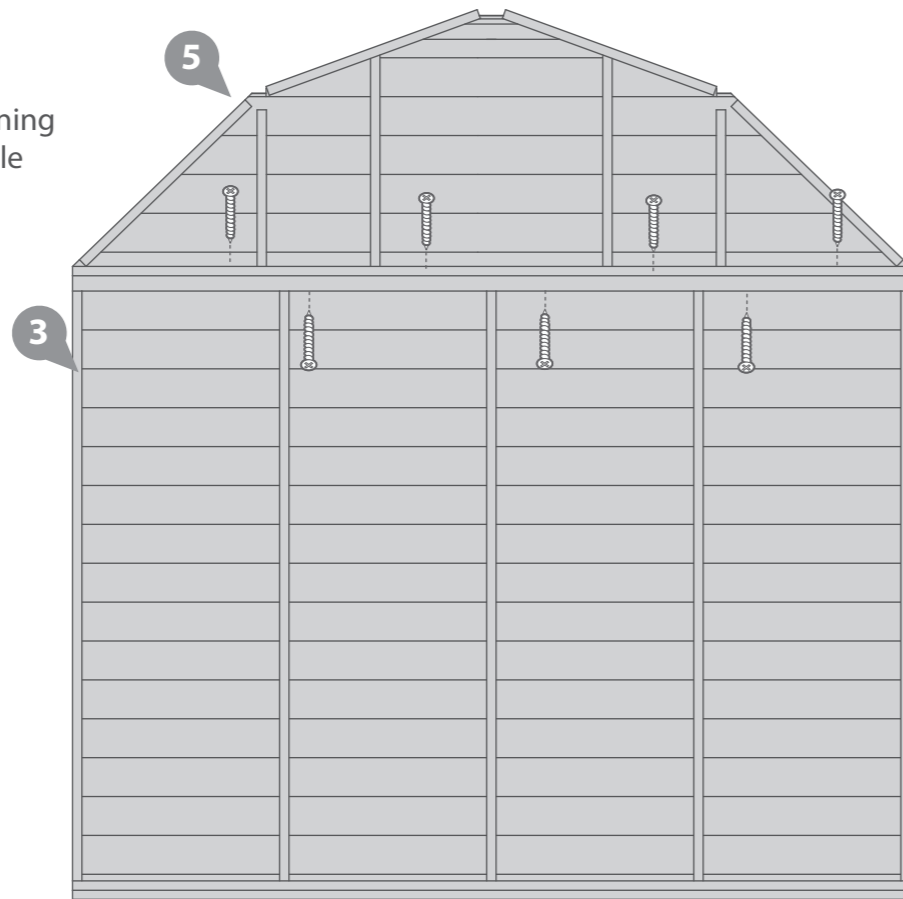
42x30mm Screws



Step 5

Lay the plain back panel (No. 4) and the remaining gable top (No. 5) on a level floor place the gable top on top of the plain back panel ensure they are level at the top then fix together using 60mm screws. Stagger the screws so they do not collide.

8x60mm Screws



Step 6

Line the remaining Gable Strip (No. 11) up to the assembled gable. Ensure the bottom of the strip lines up with the underneath of the plain back panel framing as shown in the illustration and fix in place using 40mm screws.

6x40mm Screws



Step 7

Place the window strip 13mm (No.16) above the gap in the window panel and fix into place using 3x30mm screws.

***Measure and trim the strip before fitting.**

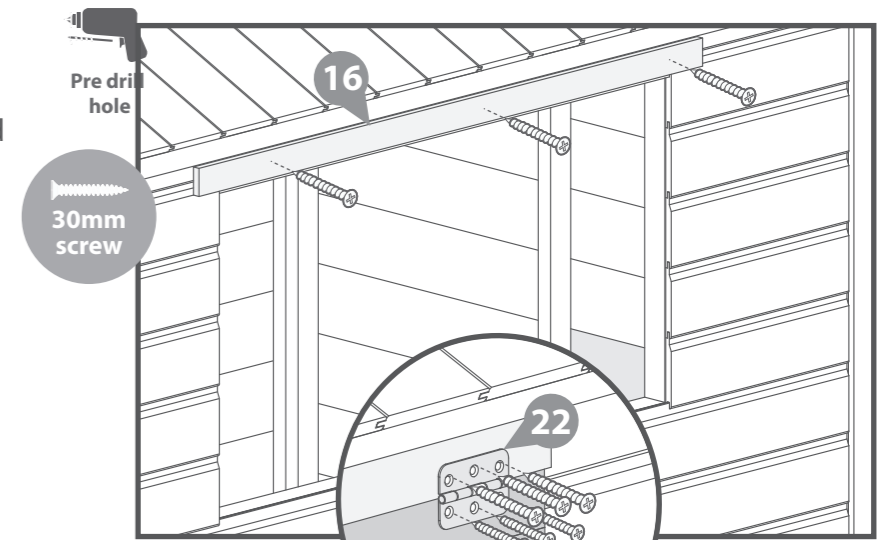
6x30mm Screws

- a** If you would like the windows to open attach the window to the strip using 2x butt hinges. Fix the hinges to the window using 3x16mm screws per hinge and to the strip with 3x30mm screws.

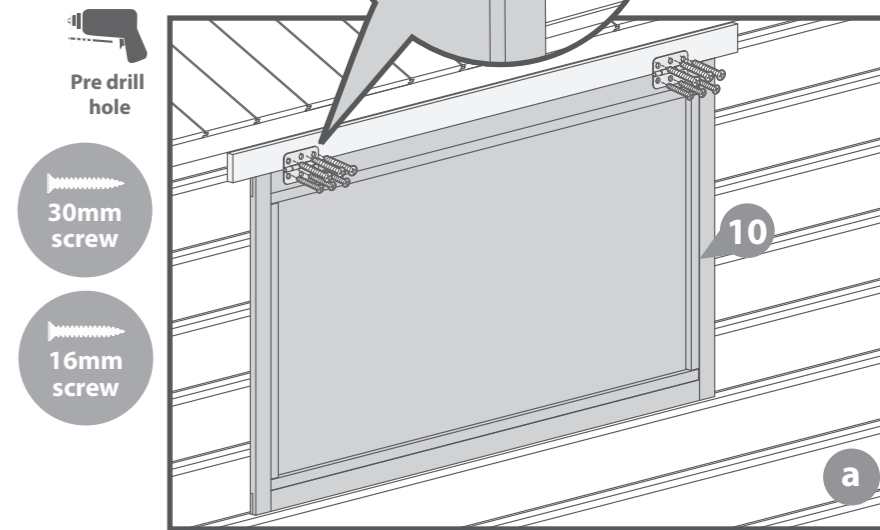
12x16mm Screws 12x30mm Screws

- b** If you would like the window to be fixed, secure the window into the gap using 4x30mm screws. Ensure to screw through the window into the panel framing.

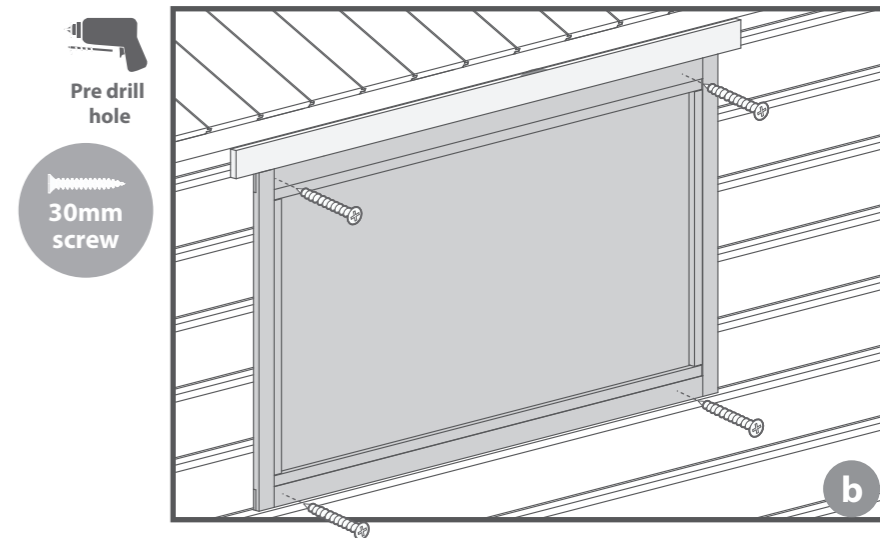
8x30mm Screws



Opening Window



Fixed Window



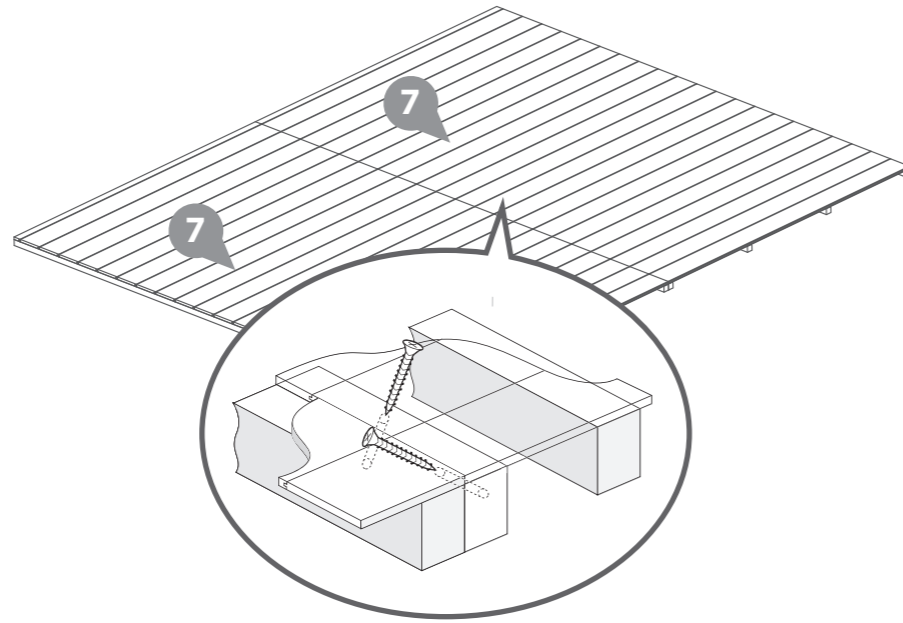
Step 8

Place floors (**No. 7**) 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).

Ensure floors are flush to each other and fix using 8x50mm screws. Alternate fixing positions along the length of the floors.

***NOTE: The floors do NOT connect by a tongue and groove fixing.**

8x50mm Screws

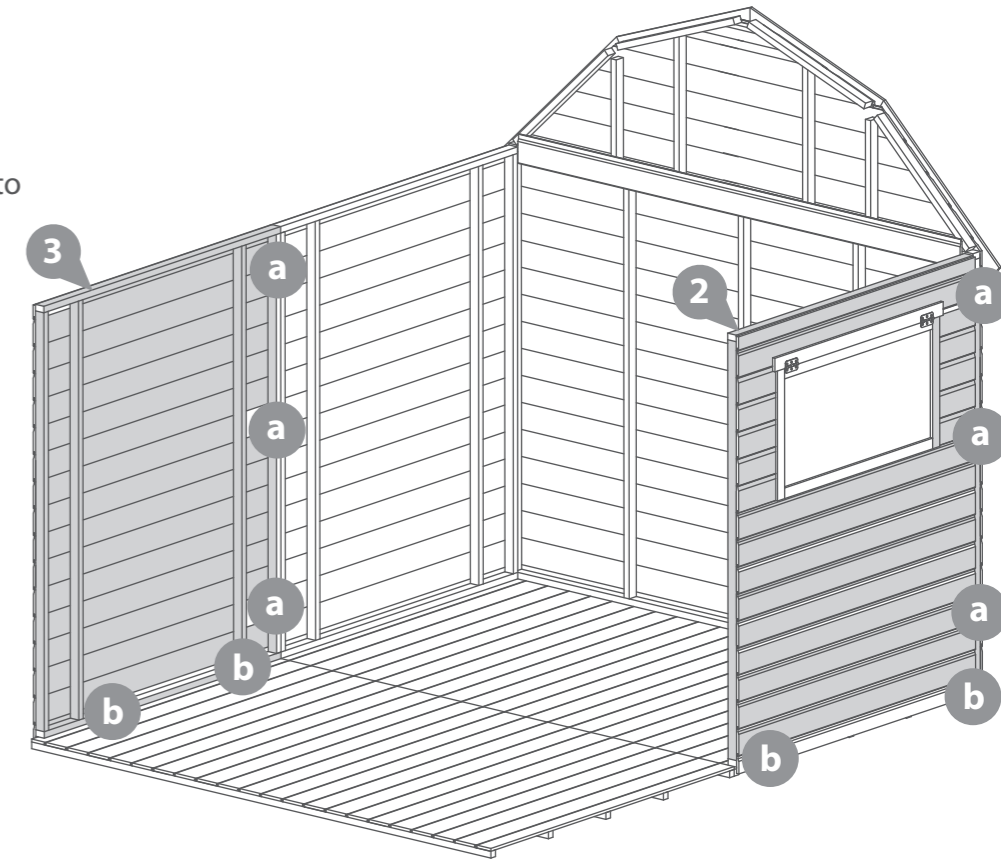
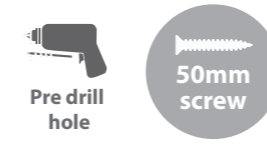


Step 10

Following the same method outlined in step 9, attach the next plain side (**No. 3**) & the window side (**No. 2**) on to the assembly.

- a** Fix the panels with 50mm screws.
- b** Do not secure the building to the floor until the roof is fixed.

6x50mm Screws

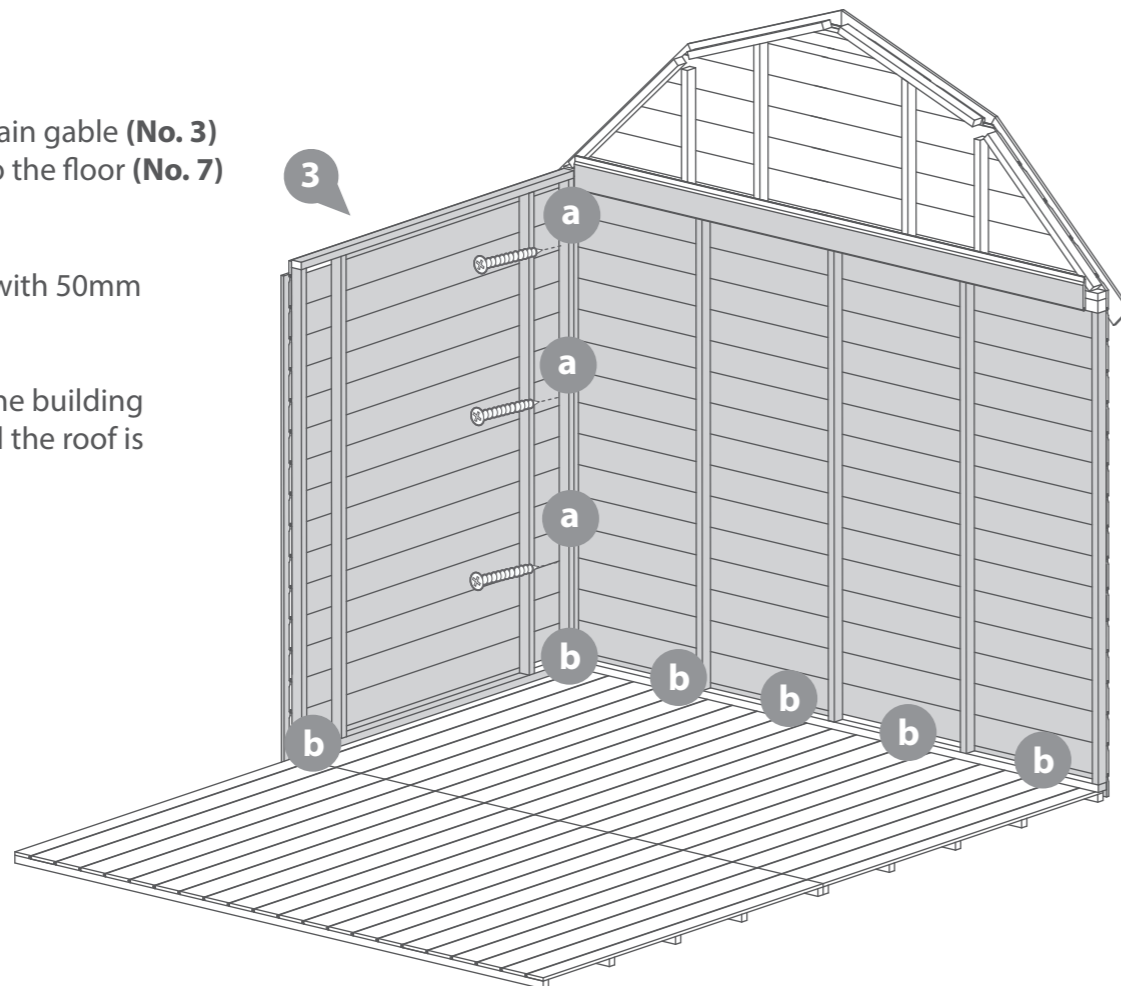
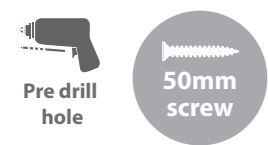


Step 9

Place the assembled plain gable (**No. 3**) and first plain side onto the floor (**No. 7**) and fix in place.

- a** Fix the corners with 50mm screws.
- b** Do not secure the building to the floor until the roof is fixed.

3x50mm Screws

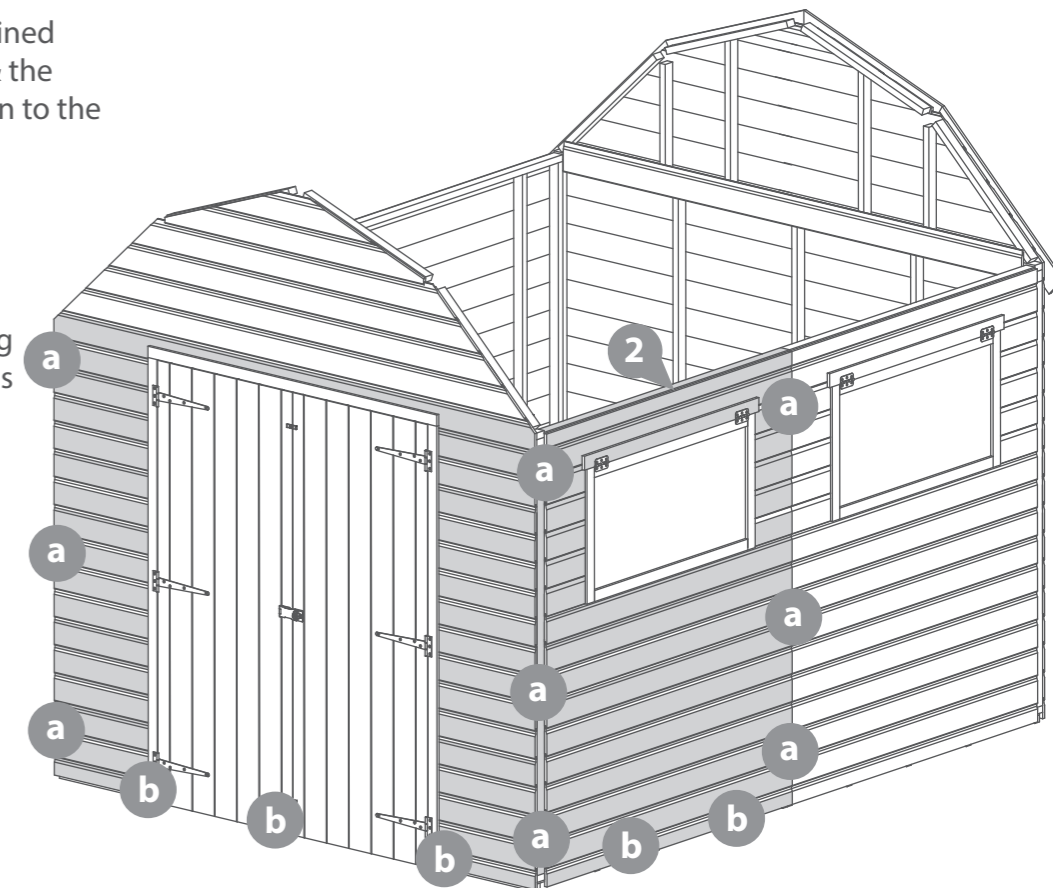
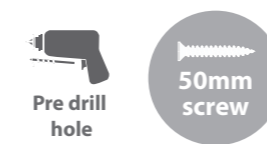


Step 11

Following the same method outlined in step 9, attach the door gable & the remaining window side (**No. 2**) on to the assembly.

- a** Fix the panels with 50mm screws.
- b** Do not secure the building to the floor until the roof is fixed.

9x50mm Screws



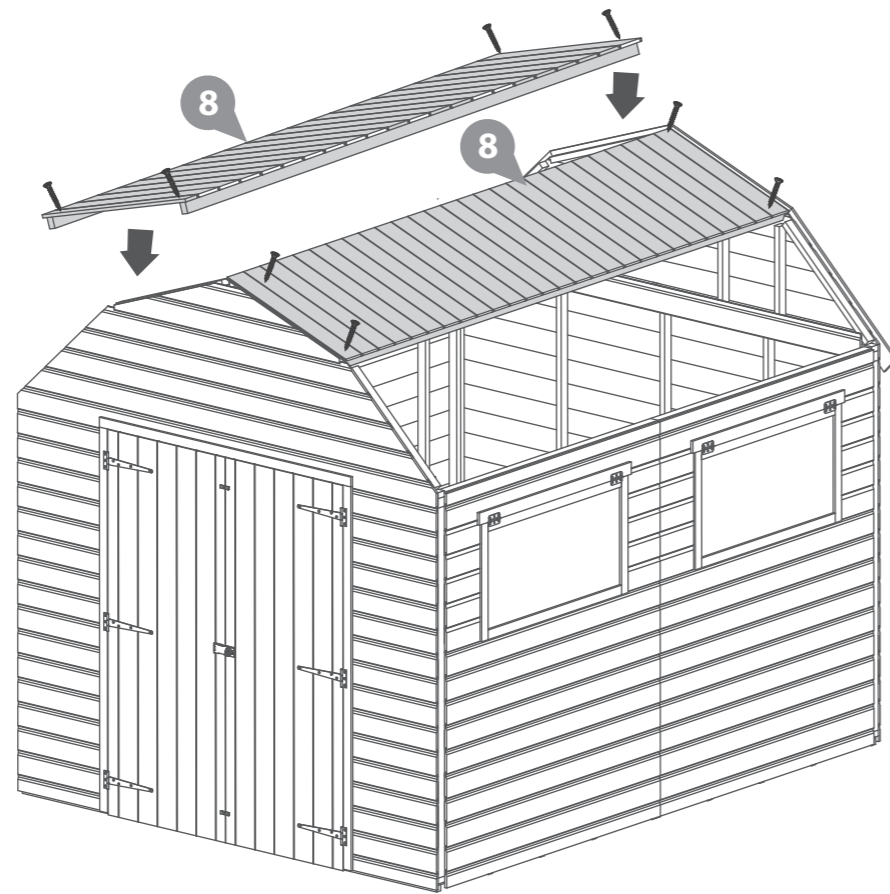
Step 12

Place the sml roofs (No. 8) on to the gables as shown in the illustration with the overhang at the top.

**Ensure the roof framing sits into the cut out sections and rest on the framing.*

Fix each sml roof section to the gable using 4x30mm screws per roof panel.

8x30mm Screws



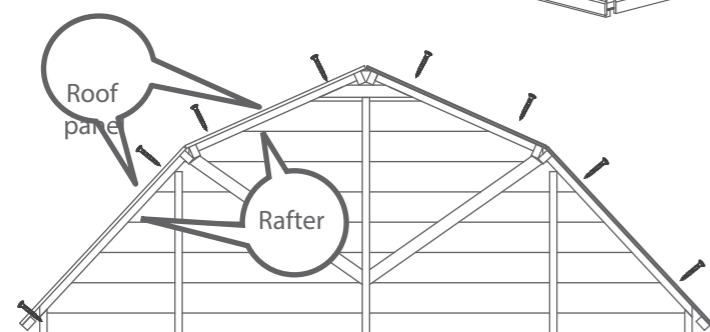
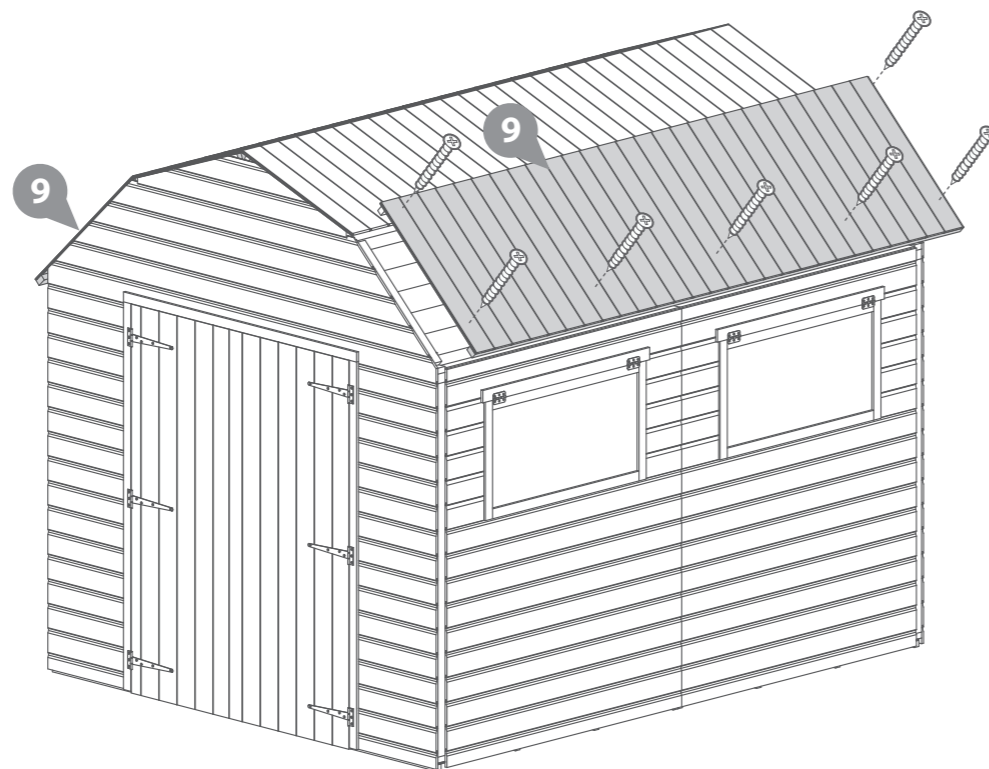
Step 13

Place the lrg roofs (No. 9) onto the gables as shown in the illustration.

**Ensure the roof framing sits into the cut out sections and rest on the framing.*

Fix each sml roof section to the gable using 7x30mm screws per roof panel.

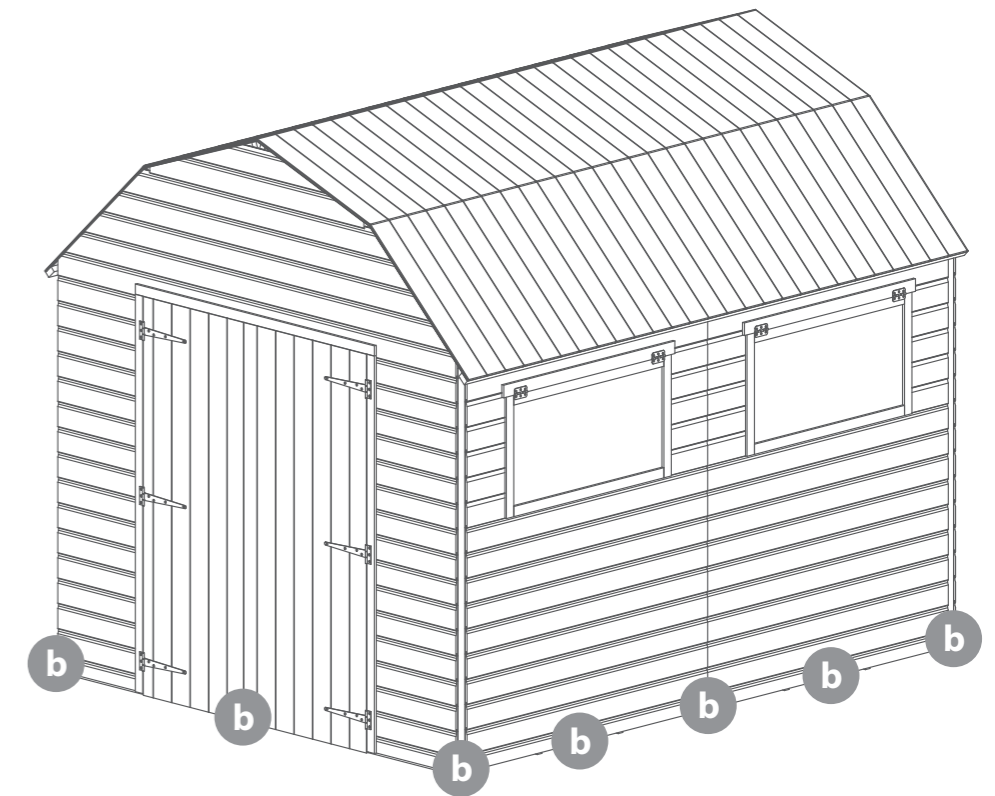
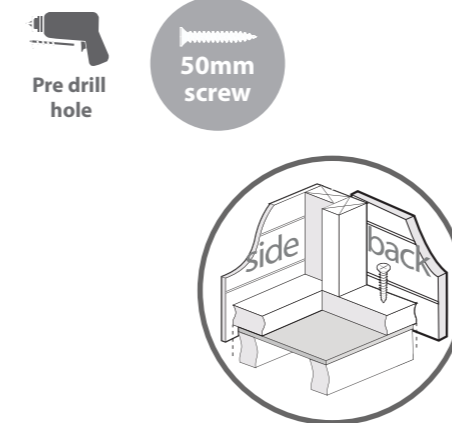
14x30mm Screws



Step 14

b Once the roof is fixed secure the building to the floor with 36x50mm screws.

36x50mm Screws

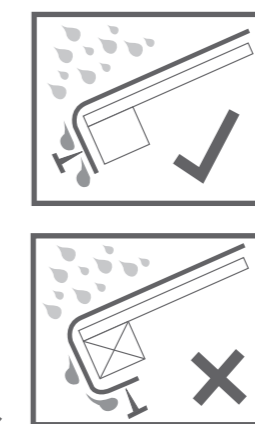
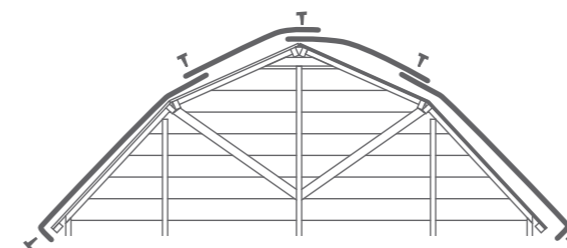
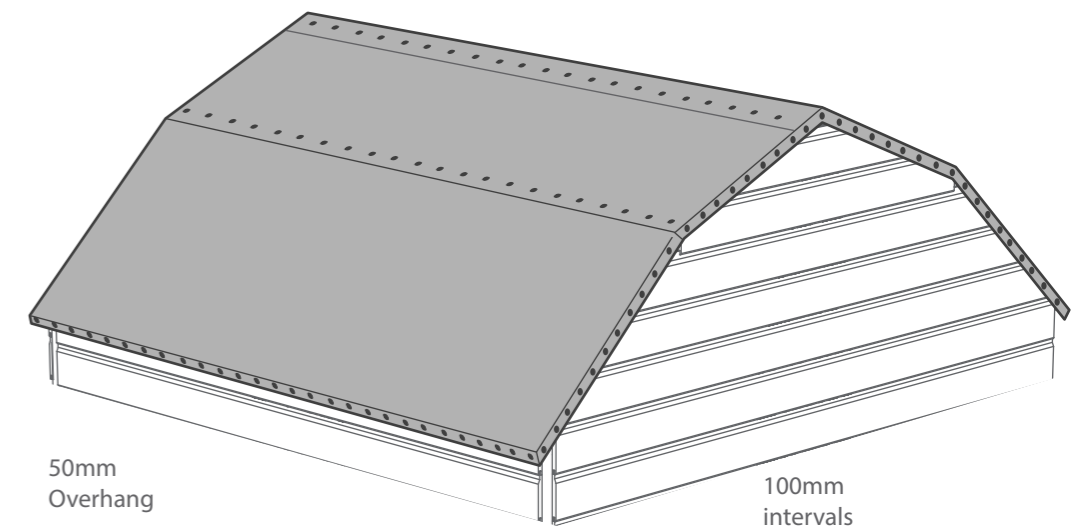


Step 15

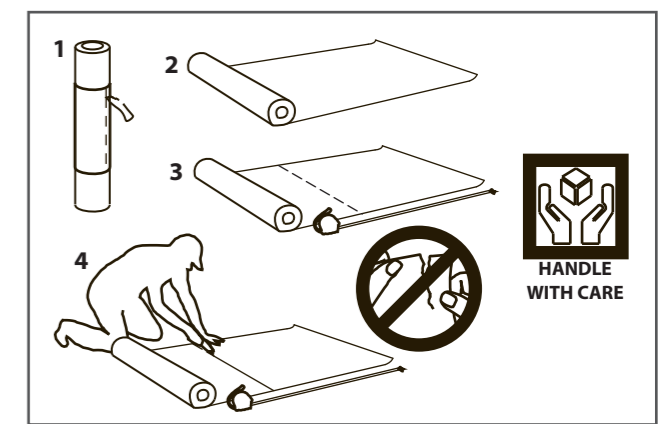
Cut the felt (No. 27) into 4 sheets & lay onto the roof as shown in the illustration below, ensuring there is approximately 50mm of overhang around the building.

Secure the felt into place using 190x felt tacks at 100mm intervals.

190x Felt tacks



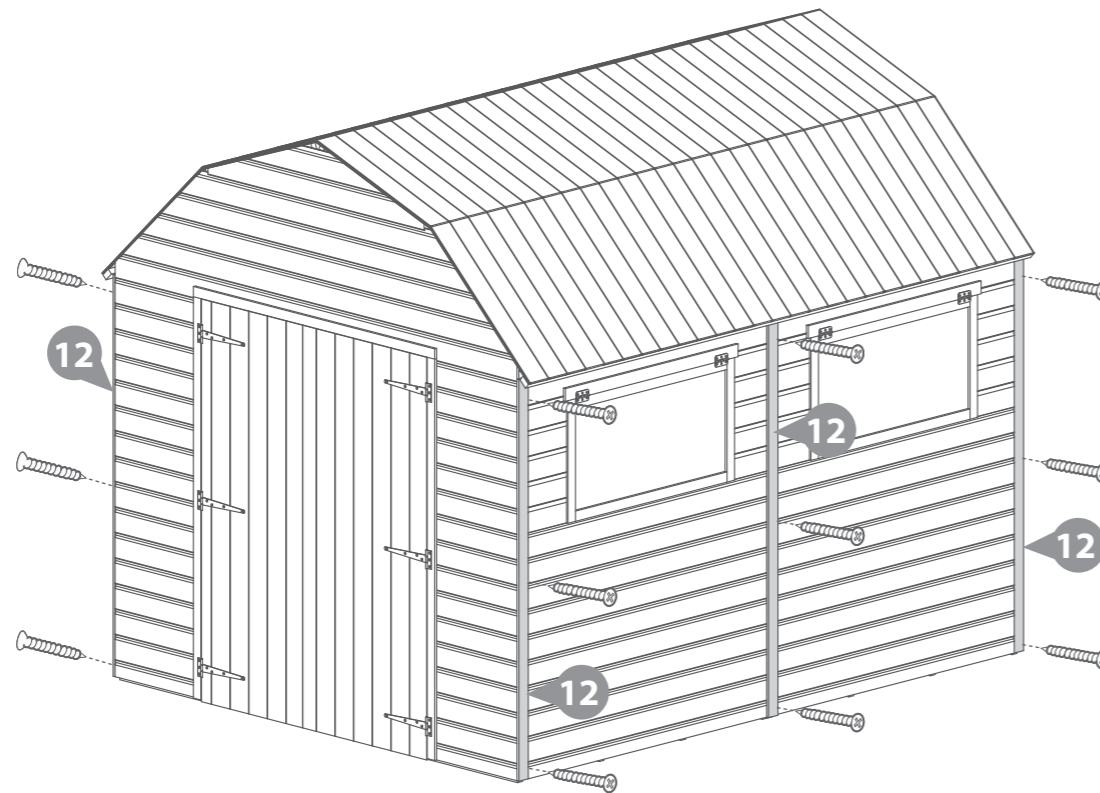
**Felt size: 3155mm*



Step 16

Fix the cover trims (No. 12) around the building (as shown in the illustration) securing each trim into place using 3x30mm screws.

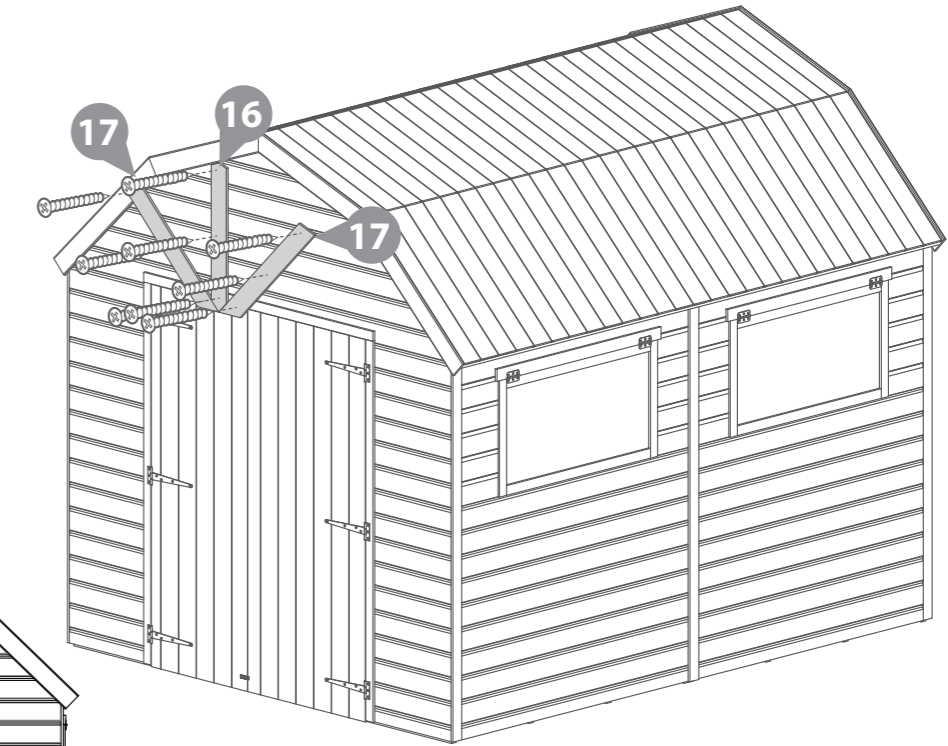
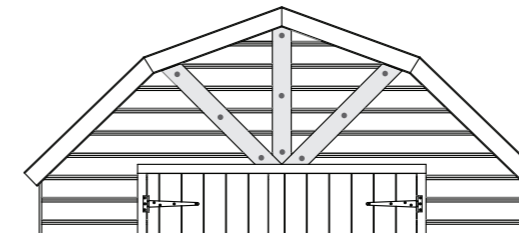
12x30mm Screws



Step 18

Fix the barge boards (No. 16 & No. 17) to the front of the building using 3x20mm screws per board.

9x20mm Screws

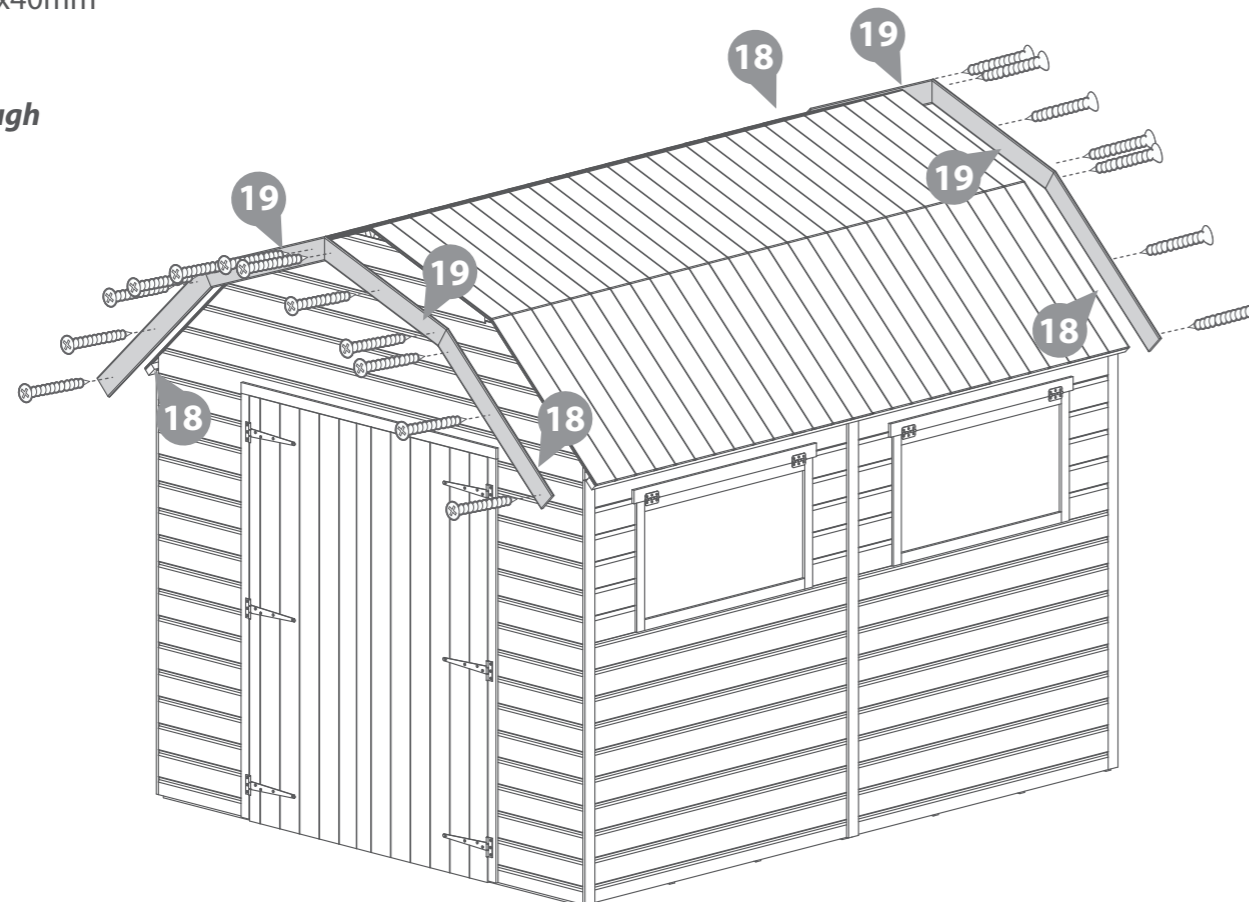


Step 17

Attach the fascia boards (No. 18 & No. 19) to the front and rear of the building using 3x40mm screws per fascia.

**Ensure to screw through the boards into the framing.*

24x40mm Screws



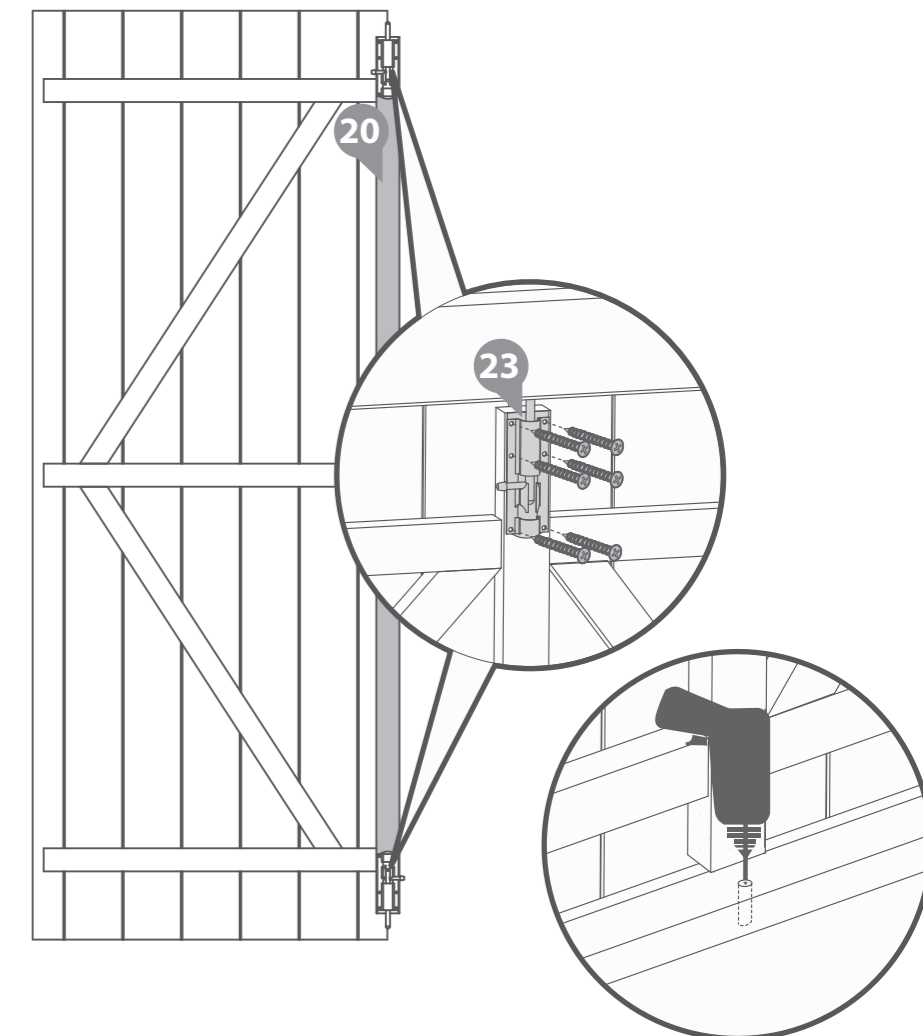
Step 19

Place the Cloaking Strip (No. 20) to the rear of one of the doors. Fixing in position screwing through the door into the cloaking strip with 3x30mm screws.

Align the tower bolts onto the vertical framing of the secondary door, secure the bolts to the top and bottom using 6x30mm screws per tower bolt.

Mark the position of the bolt & drill a hole above and below for the bolt to catch in to.

15x30mm Screws



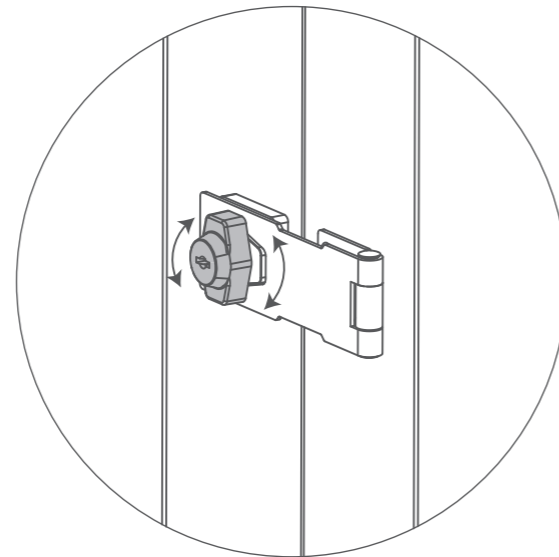
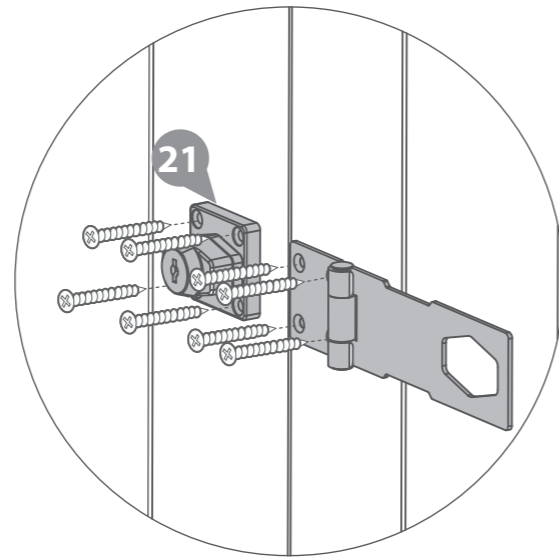
Step 20

To fix the lock (No. 21) in place. Screw the Staple to the Door Gable or secondary door.

Making sure the Hasp is in line with the staple and screw into the Door or Master door.

To lock the Door, place the Hasp over the Staple and twist into the lock position as shown.

8x30mm screws.

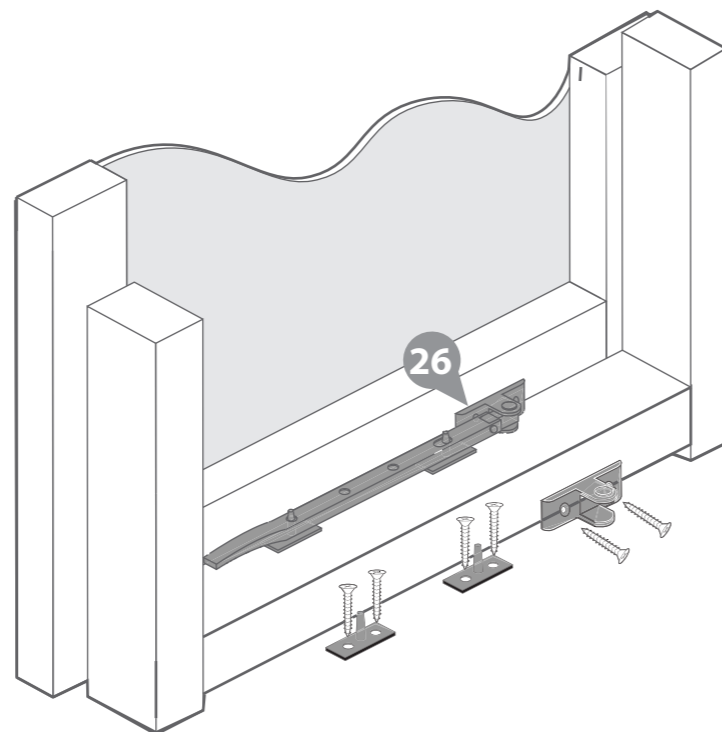


Step 21

Fix the casement stay (No. 26) to the window then align the fixings to the window panel.

**Ensure the casement stay fits onto the fixings before securing in place.*

12x20mm Screws



Step 22

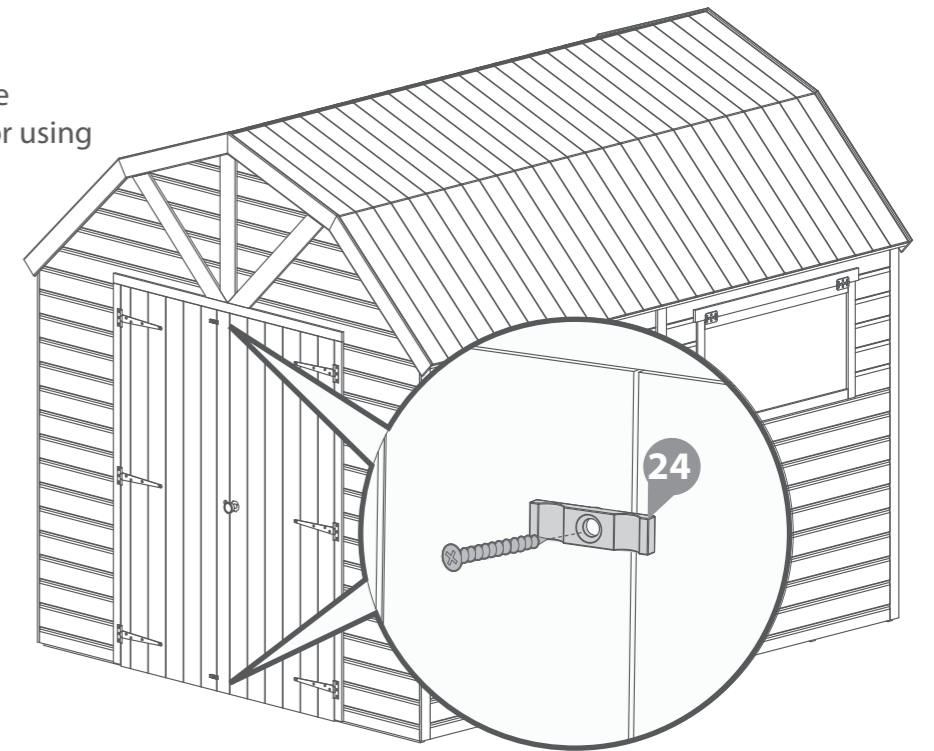
Attach the turn buttons (No. 24) to the top and bottom of the secondary door using 1x30mm screw per turn button.

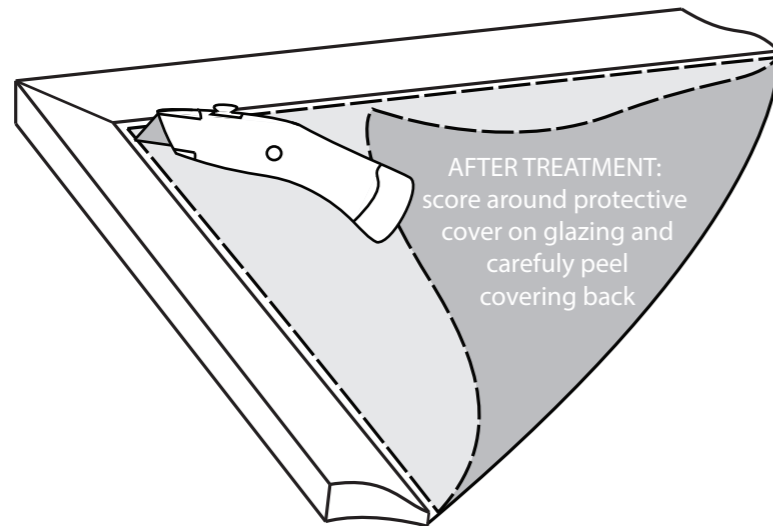
**Ensuring the turn buttons catch the master door.*

2x30mm Screws



These Turn buttons help to keep your doors straight during high and low levels of moisture content in the air.





**TREATED TIMBER CONTAINING WOOD PRESERVATIVE
for protection against wood destroying fungi and insects**

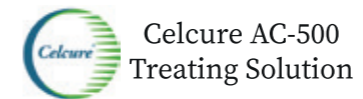
Wear gloves when handling timber.

Avoid inhalation of sawdust.

Do not use in contact with drinking water or for direct food contact.

Do not use for animal bedding.

Dispose of treated wood responsibly.
Industrial waste should be disposed of through an authorised waste contractor.



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

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.



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