02DTSHAX0505HGD1W-V1-PEFC

Please retain product label and instructions for future reference



02DTSHAX0505HGD1W-V1-PEFC 5X5 SHIPLAP APEX PLAYHOUSE.



WARNING: Only for domestic use Not suitable for children under 36 months due to small gaps and danger of falling from heights. To be used under direct supervision of an adult

BEFORE YOU START PLEASE READ THE 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
- 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.

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 natural processes. 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 hot weather 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.

POSITIONING YOUR PLAYHOUSE

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.

We recommend a minimum space of 2m around a playhouse, away from any structure or obstructions such as fences, garages, houses, overhanging branches, washing lines or electrical wires.

It is recommended that the position of the Playhouse is **not in direct sunlight.**

Activity toys such as swings and slides for towers shall not be installed over concrete, asphalt or any hard surface.

Whilst all products manufactured are made to the highest standards of safety and in the case of childrens products independently tested to EN71, we cannot accept responsibility for your safety whilst erecting this product.

BUILDING A BASE

Ensure the base is level and is built on firm ground, to prevent distortion, checking with a spirit level. 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.



WARNING

- ONLY SUITABLE FOR DOMESTIC USE.
- TO BE USED UNDER DIRECT SUPERVISION OF AN ADULT.
- THIS PRODUCT SHOULD NOT BE MODIFIED IN ANY WAY, ANY MODIFICATIONS SHOULD BE DETERMINED BY THE MANUFACTURER AND CARRIED OUT ACCORDING TO THE INSTRUCTIONS.
- DO NOT ALLOW YOUR CHILD TO PLAY WITH ANY COMPONENT PARTS PRIOR TO ASSEMBLY.
- MAX AGE OF 14 YEARS.
- THIS TOY IS FOR OUTDOOR USE ONLY.
- USE A WATER BASED TREATMENT THAT IS EN71 TESTED.

CAUTION

Wood is a natural product and can change post manufacture. So despite every effort being made to ensure the material used are cut and machined to a clean and smooth finish, care must be taken when handling the product and preparing for use by your child.

Any areas of concern, in the play areas, can be rubbed over with sandpaper to achieve a smoother finish. Alternatively, call the customer service department who will be happy to arrange replacement panels/parts.



All buildings should be erected by atleast two adults. DO NOT ALLOW



CHILDREN TO ASSIST. For ease of assembly, you will need a tape measure to check

dimensions of components.



To prevent damage during assembly, you MUST pilot drill all screw holes and ensure all screw heads are countersunk.



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

Screws & Nails

Measure overall length

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.

Aguatan is a water-based concentrate which is diluted with water, the building has been treated by the correct application of Aguatan 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.

In all instances for assistance with your product, please contact customer care on: 01636 821215 or customerservice@merciagp.co.uk

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





Look for the symbols and follow the safety guidlines below.



Ensure screw heads are subflush and sand down any splinters created.



50kg per user



Ensure the screws are fixed squarely and do not



12mm gap surrounding the door.

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 600mm 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.
- 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).





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

https://www.i	tting Tool	MOI LUGISTICS
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Otoves
Silicone (For Windows Only)

		,
Timber	Preservative	Treatmen

☐ Timber Water Proofing Treatme

Treatment	Mixing Stick
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Wood Filler (Optional)

☐ Paint Brush/Spray	er/Roller
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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 sheducation.

Website:

https://www.merciagardenproducts.co.uk/sheducat

MGP Logistics Online Portal: mgplogistics.co.uk/

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



NOTES	

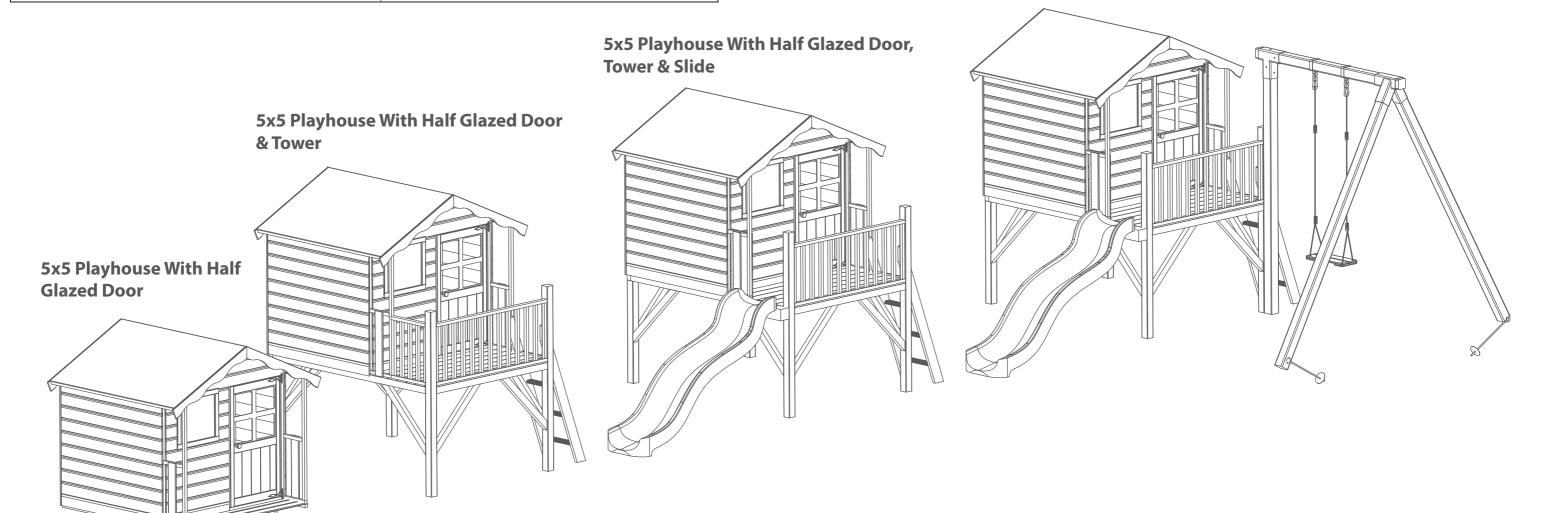


Playhouse Options:

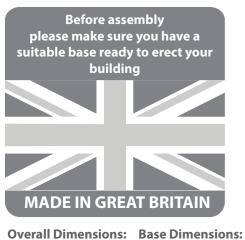
Take a look at the different playhouse options below which refers to the instruction leaflets required to build each option.

Model	Build Instructions Required
5x5 Playhouse With Half Glazed Door <i>SI-002-001-0022</i>	02DTSHAX0505HGD1W-V1-PEFC (Playhouse)
5x5 Playhouse With Half Glazed Door & Tower SI-002-001-0023	02DTSHAX0505HGD1W-V1-PEFC (<i>Playhouse</i>) 02DTTWR6565-V1-PEFC (<i>Tower</i>)
5x5 Playhouse With Half Glazed Door, Tower & Slide SI-002-001-0024	02DTSHAX0505HGD1W-V1-PEFC (<i>Playhouse</i>) 02DTTWR6565-V1-PEFC (<i>Tower</i>)
5x5 Playhouse With Half Glazed Door, Tower, Slide & Swing SI-002-001-0025	02DTSHAX0505HGD1W-V1-PEFC (<i>Playhouse</i>) 02DTTWR6565-V1-PEFC (<i>Tower</i>) 02PATINCSWA-V1-PEFC (<i>Swing Set</i>)

5x5 Playhouse With Half Glazed Door, **Tower, Slide & Swing**



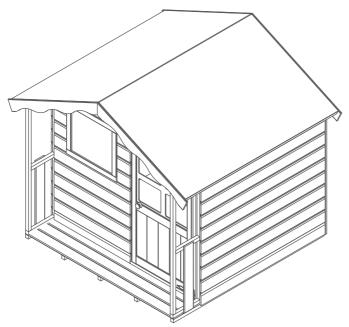




Width = 1544mm Depth = 1844mm

Height = 1534mm

Width = 1512mm Depth = 1490mm



Building Content

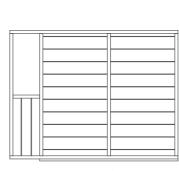


Door Gable QTY 1 AI-02S11AGSD1W1410X1491-V1

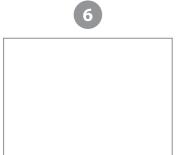


Roof OSB QTY 2

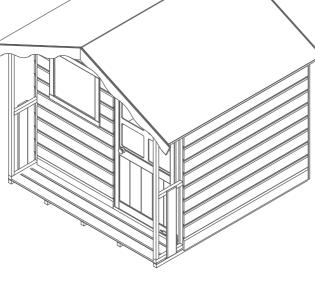




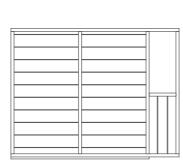
Plain Side Left QTY 1



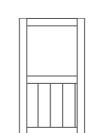
Floor OSB QTY 1







Plain Side Right QTY 1

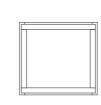


Door QTY 1 AI-02HGD594X1058-V1



Plain Gable QTY 1 AI-02S11AGP1410X1509-V1



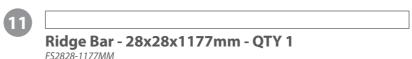


Window QTY 1 AI-FW496X462-V1





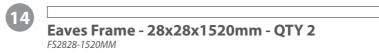
Veranda Boards - 12x95x1470mm - QTY 3







Fascia Board - 12x95x980mm - QTY 4 FAS1295-G-980MM







S1245-1155MM

Wooden Door Handle QTY 1



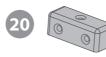
Ply Door Stop QTY 1



L Bracket QTY 2



T-hinge QTY 2
PI-07-0113



Window Block QTY 2 PI-07-0011





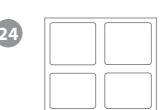
Felt



Door Spacer Strip QTY 4

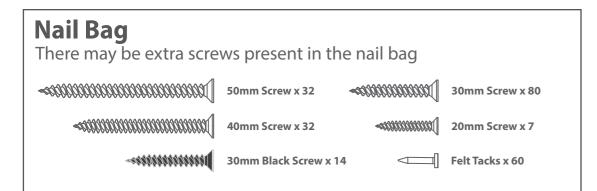


Window Cross QTY 1 PI-04-0013



Door Cross QTY 1 PI-04-0064



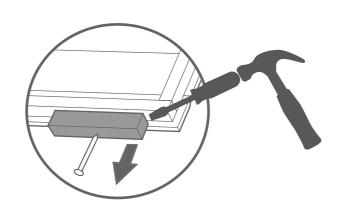


Pre Assembly

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.





To fix the Window (No. 19) into the Door Gable (No. 1). Position the Window (No. 8) central into the window opening. Fix the Window Block (No. 20) to the Window centrally as shown with 1230mm screw.

Place the Window (No. 8) into the window hole and fix by screwing though the Window Block (No. 20) with 2x30mm screws as shown.

6x30mm screws.











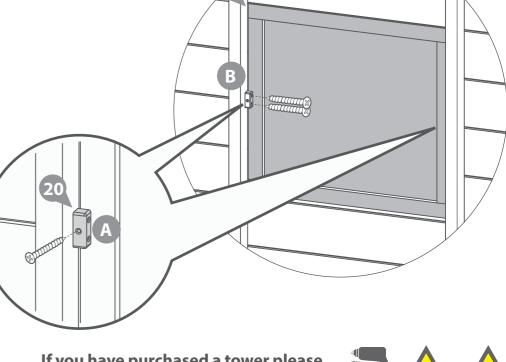
Lay the Floor Joists (No. 9) under the Floor OSB (No. 6) with an even space between each one.

Position the joists (No. 9) flush on one side of the Floor OSB (No. 6) and mark the centers of joists onto either end. Fix using 4 x 30mm screws per joist (No. 7).

Place the Veranda Boards (No. 10) along the joists and against the floor OSB (No. 6). Spread them evenly making sure the end board is flush with the framing. Fix using 2 x 30mm screws for each board along the dotted lines shown on the illustration.

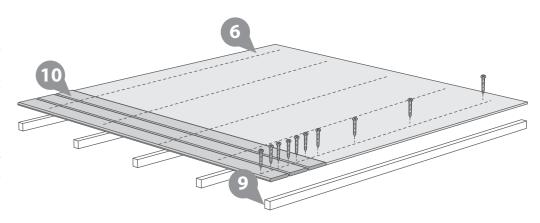
50x30mm screws





If you have purchased a tower please refer to the tower instructions. The floor bearers are not required when installing a tower.

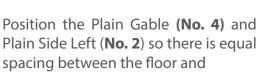








cladding on all 4 sides.

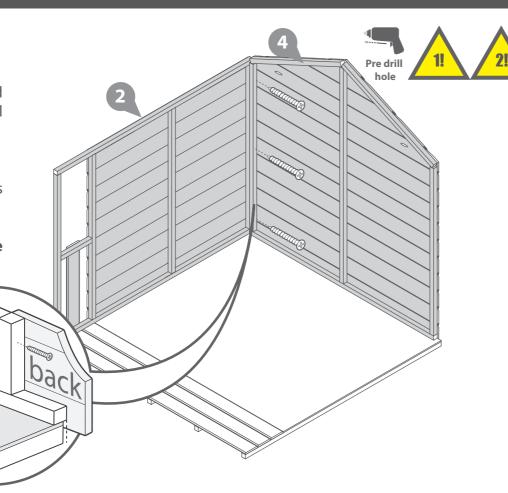


Fix the corners with 50mm screws as shown in diagram.

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

3x50mm screws





Parts needed - 11 & 18



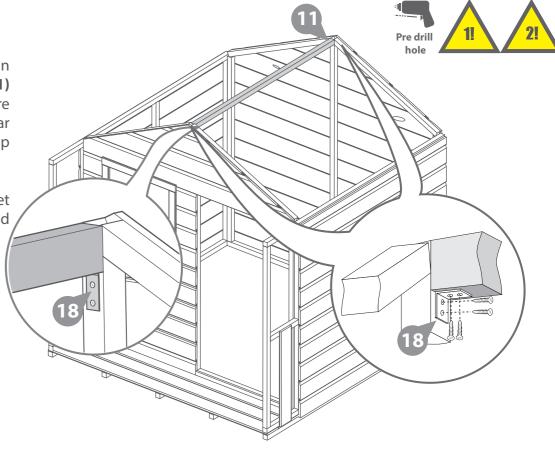


Place the Ridge Bar (No. 11) in between the Door Gable (No. 1) and Plain Gable (No. 4). Ensure the top corners of the Ridge Bar (No. 11) are flush with each top point (see illustration).

Secure in place using a L bracket (No.18) on each end and 4x30mm screws per brace.

8x30mm screws





Step 4 Parts needed - 1 & 3



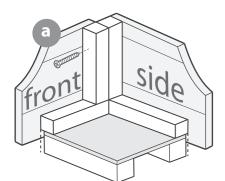


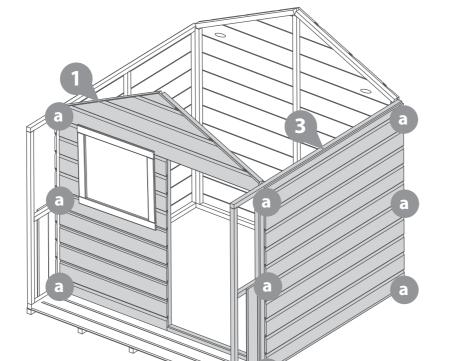
Attach the Plain Side Right (No. 3) and Door Gable (No. 1) using the same method as shown previously.

Fix with 3x50mm screws at each corner.

9x50mm screw







Step 6 Parts needed - 5 & 14

per eave.



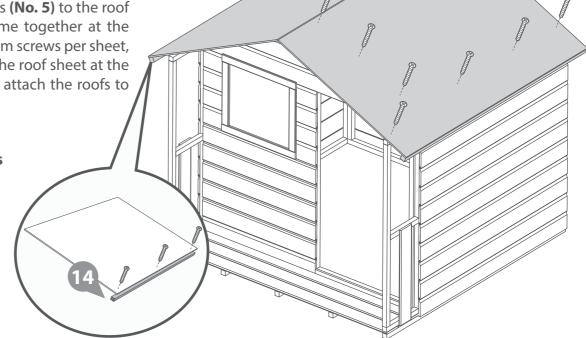


Fix the Roof sheets (No. 5) to the roof ensuring they come together at the top using 12x40mm screws per sheet, directly through the roof sheet at the top. Make sure to attach the roofs to the ridge bar.

6x30mm screws 24x40mm screws







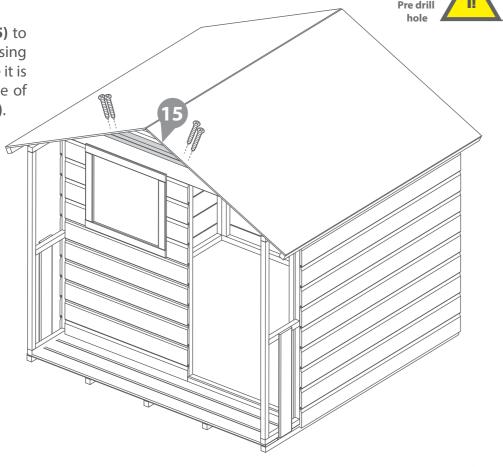




Fit the Fascia Block (No. 15) to the front of the building using 4x30mm screws, make sure it is flush with the outside edge of each roof OSB sheet (No. 5).

4x30mm screws







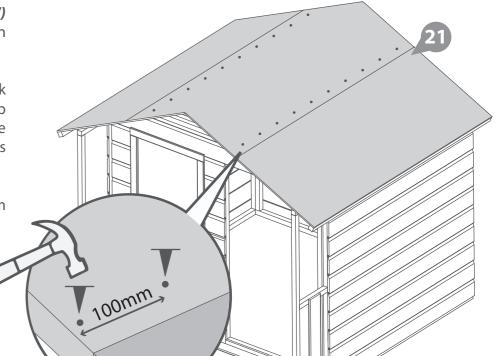
Cut the Felt (No. 21) into 3 sheets measuring: 1620mm (L) X 1000mm (W) and lay onto the roof in the order shown in the illustration.

Start at the bottom of the roof and work your way up so that rain pours over the top of the laps and not under them. Ensure there is a 50mm overhang around the sides and each sheet overlaps by 100mm.

Fix in place using felt tacks at 100mm intervals.

60 x Felt Tacks



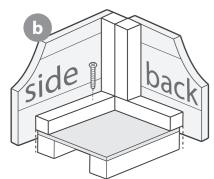


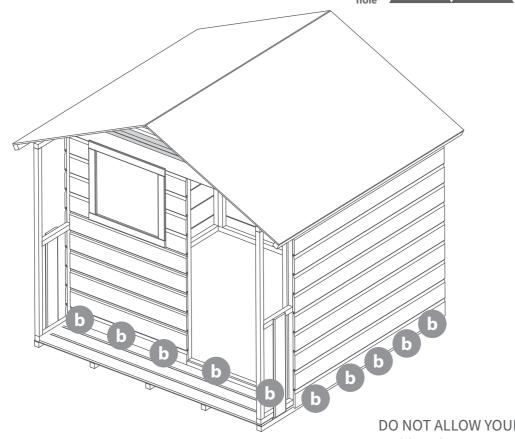
Step 8

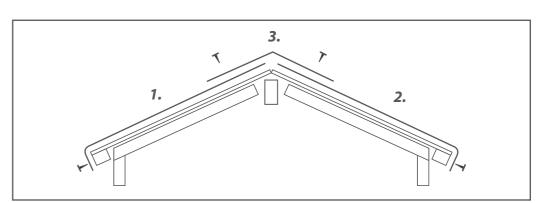
Once the roof (No.5) is fixed, secure the building to the Floor (No.6) using 5x50mm screws per panel, making sure to screw into the Floor bearers.

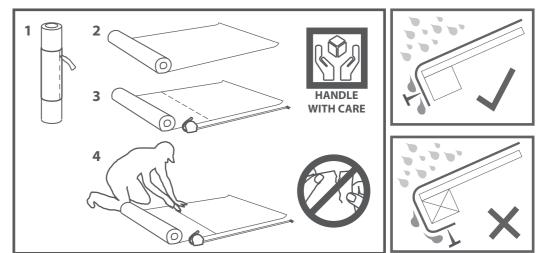
20x50mm screws



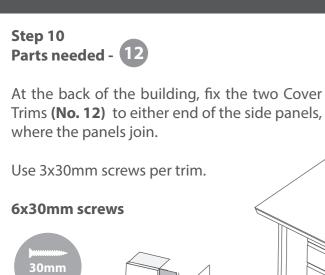












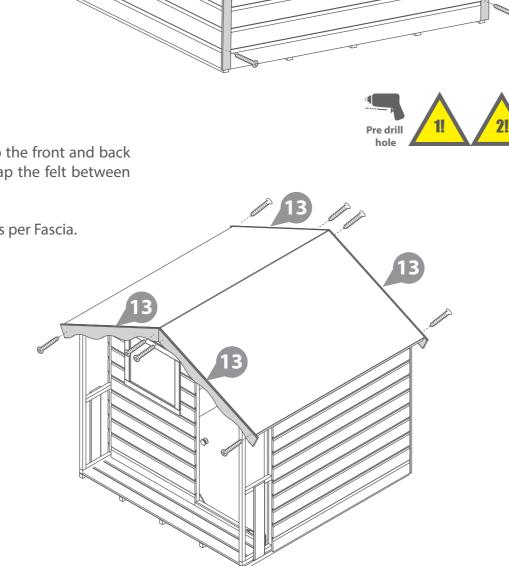


Locate the Fascias (No. 13) on to the front and back of the playhouse, ensuring to trap the felt between the fascia and building.

Fix in place using 2x40mm screws per Fascia.

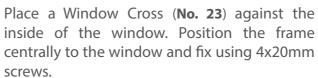






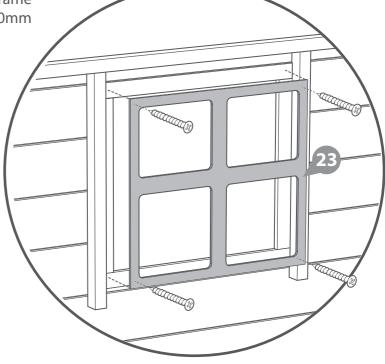






4x20mm screws.







Step 13 Parts needed - 7 & 24

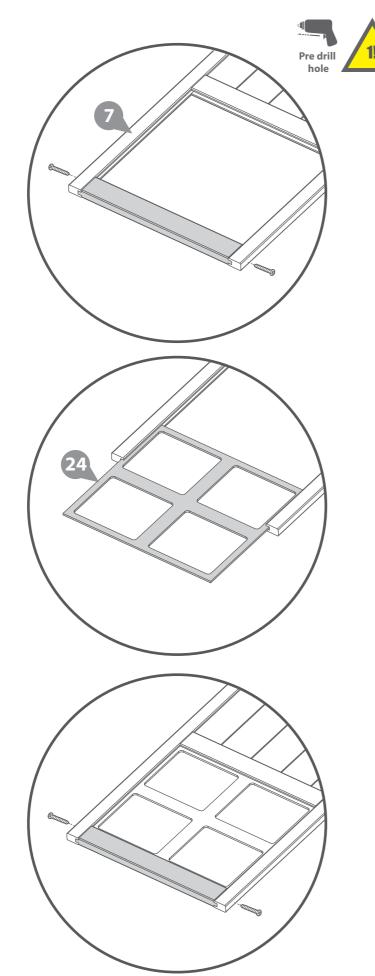


Remove the top rail of the door (No. 7) by unscrewing the two screws, one on each side of the door. Keeping the screws to one side.

With the top rail of the door removed peel off the film from both sides of the styrene.

Slide the door cross (No. 24) into the door channel along side the styrene.

Place the door top rail back on top of the door and fix in place using the screws previously removed.





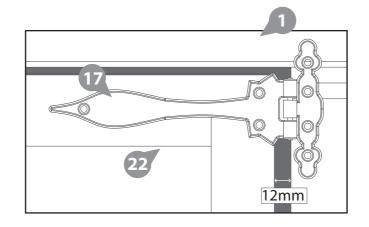
Position the Door (No.7) within the door opening of the Door Gable (No.1) with equal spacing top and bottom.

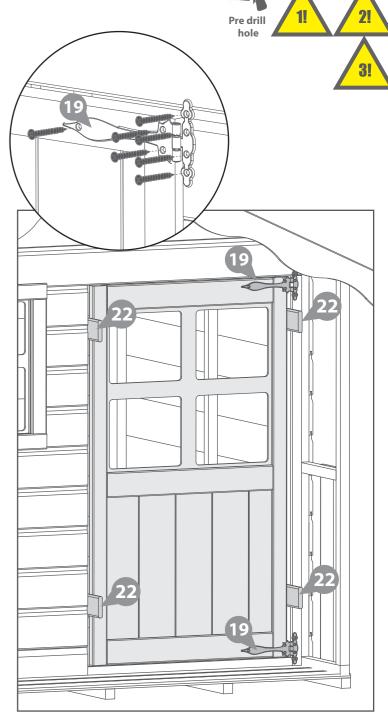
Position two Door Spacer Strips (No.22) down each side of the Door (No.7) to ensure equal spacing.

Place the Hinges (No.19) at the top and bottom of the Door (No.7), using 7x30mm black screws per hinge, fix the hinge to the door and the door gable.

14x30mm Black screws.

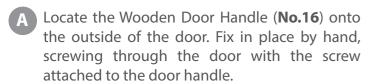


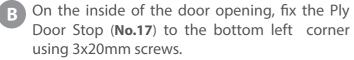






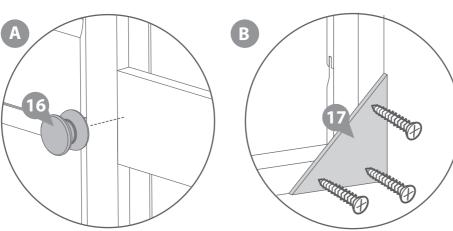
Step 15 Parts needed - 16 & 17



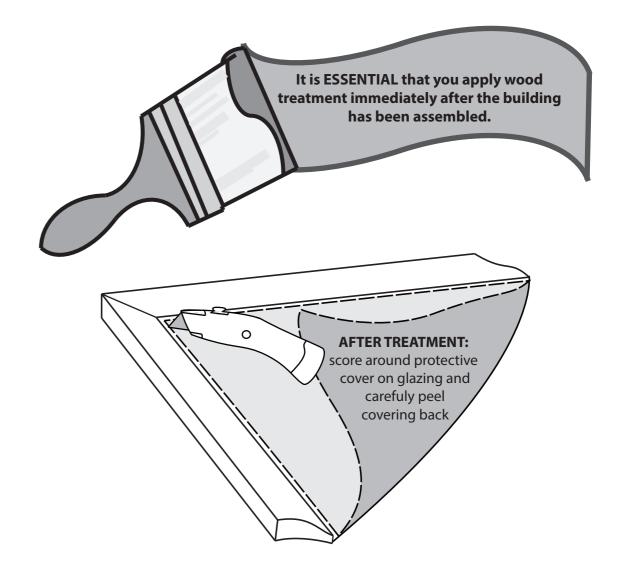


3x20mm screws.









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



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.



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.





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.

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.

Roof

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

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.

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

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.

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.

Airing

Airing your product regularly prevents the build up of condensation which can cause the timber to warp, bow, boards to pop, distortion, rot and mould. Condensation can build up over time or daily, it is caused by a rise and fall in temperature.

Excessive moisture levels within your building can cause water to collect on the roofs, walls and floors internally. Leaving doors and windows open regularly can help combat the natural moisture build up.

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!

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 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

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

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.





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.