

04LEAN0804-V1

8X4 GREENHOUSE LEAN-TO

BEFORE YOU START PLEASE READ INSTRUCTIONS CAREFULLY

- Check the pack and make sure you have all the parts listed.
- When you are ready to start, make sure you have the right tools at hand (not supplied) including a Phillips screwdriver, Stanley knife, Wood saw, Step ladder, Hammer and a Drill with 2mm bit.
- Ensure there is plenty of space and a clean dry area for assembly.

LOCATION FOR YOUR GARDEN BUILDING

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

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

TIMBER

As with all natural materials, timber can be affected during various weather conditions. For the duration of heavy or extended periods of rain, swelling of the wood panels may occur. Warping of the wood may also occur during excessive dry spells due to an interior moisture loss. Unfortunately, these processes cannot be avoided but can be helped. It is suggested that the outdoor building is sprayed with water during extended periods of warm sunshine and sheltered as much as possible during rain or snow.

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

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

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

Log Cabins - Are supplied untreated and require a preservative and waterproofing treatment.

BUILDING A BASE

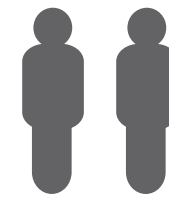
When thinking about where the building and base is going to be constructed: Ensure that there will be access to all sides for maintenance work and annual treatment.

Ensure the base is level and is built on firm ground, to prevent distortion. Refer to diagrams for the base dimensions, The base should be slightly smaller than the external measurement of the building, i.e. The cladding should overlap the base, creating a run off for water. It is also recommended that the floor be at least 25mm above the surrounding ground level to avoid flooding.

TYPES OF BASE

- Concrete 75mm laid on top of 75mm hard-core.
- Slabs laid on 50mm of sharp sand.

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



x2

All building's should be erected by two adults



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



2mm Drill bit

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



CAUTION

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

****Protim Aquatan T5 (621)****

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

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

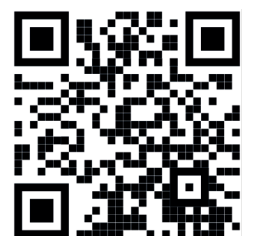
Aquatan is a decorative finish to colour the wood, which is applied industrially to timber fence panels and garden buildings.

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



REGISTER FOR YOUR
ANTI-ROT
GUARANTEE TODAY

PLEASE SCAN HERE:



For assistance please contact customer care on: **01636 821215**

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

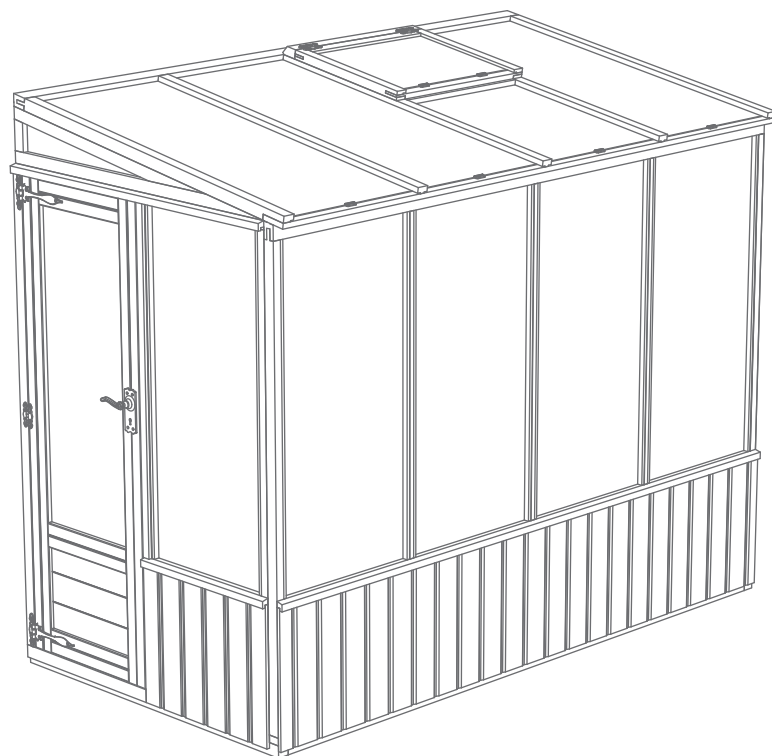
www.merciagardenproducts.co.uk

Overall Dimensions:

Length = 2492mm
Width = 1357mm
Height = 2070mm

Base Dimensions:

Length = 2492mm
Width = 1312mm



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

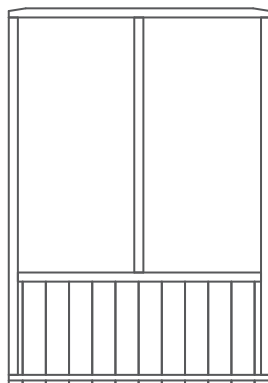


MADE IN GREAT BRITAIN

Please note that we don't include fixings with this product due to wall construction materials varying from house to house. If you are unsure on the fixings you require then we recommend that you consult with your local builders merchant or a knowledgeable DIY store.

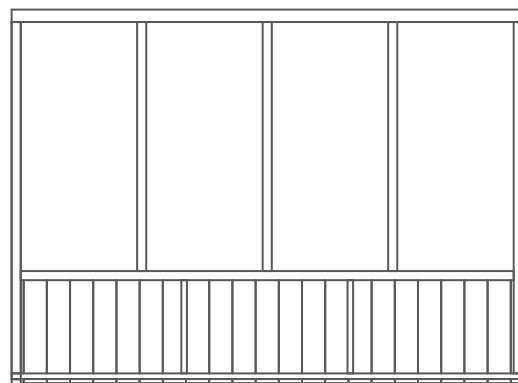
Building Content:

1



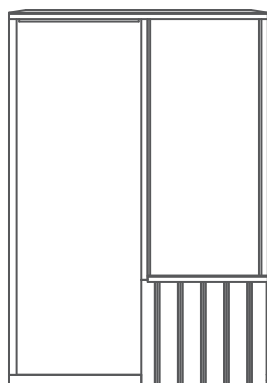
Rear Panel QTY 1
AI-04LEAN0804PG-V1

2



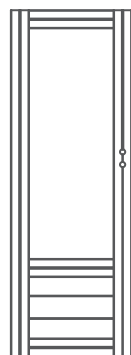
Large Side Panel QTY 1
AI-04LEAN0804LSP-V1

3



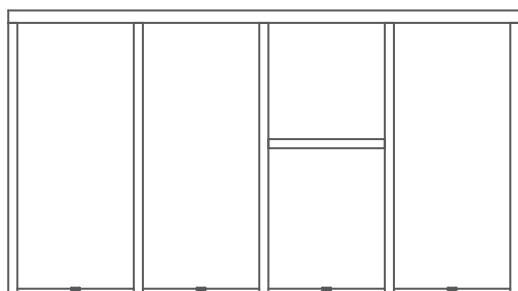
Door Panel QTY 1
AI-04LEAN0804DG-V1

4



Door QTY 1
AI-03SHHGMD600X1720-V1

5



Roof Panel QTY 1
AI-04LEAN0804R-V1

6



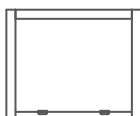
Gable Top Left QTY 1
AI-04LEAN0804GTL-V1

7



Gable Top Right QTY 1
AI-04LEAN0804GTR-V1

8



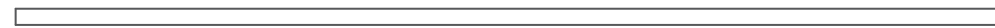
Window QTY 1
AI-04LEAN0804OW-V1

9



Cover Strip - 12x75x1262mm QTY 2
S1275-G-1262mm

10



Vertical Beading Strip - 12x20x1720mm QTY 2
S1220-1720mm

11



Large Panel Joist - 27x44x2380mm QTY 1
F2744-2380mm

12



Small Panel Joist - 27x44x1306mm QTY 2
F2744-1306mm

13



Horizontal Beading strip - 12x120x580mm QTY 1
S1220-580mm

14



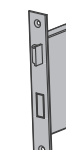
Window block - 65x35x650mm QTY 1
F6535-G-650mm

15



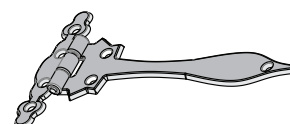
Small Hinge QTY 3
PI-07-0004

18



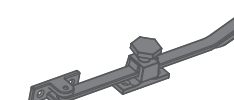
Mortice Lock QTY 1
PI-07-0017

16



Long Hinge QTY 2
PI-07-0002

19



Casement Stay QTY 1
PI-07-0080

17



Mortice Lock Handle QTY 2
PI-07-0006

20



Key Plate QTY 1
PI-07-0017

Nail Bag



70mm Screw x 31



30mm Screw x 39



50mm Screw x 16



30mm Black Screw x 20



40mm Screw x 6



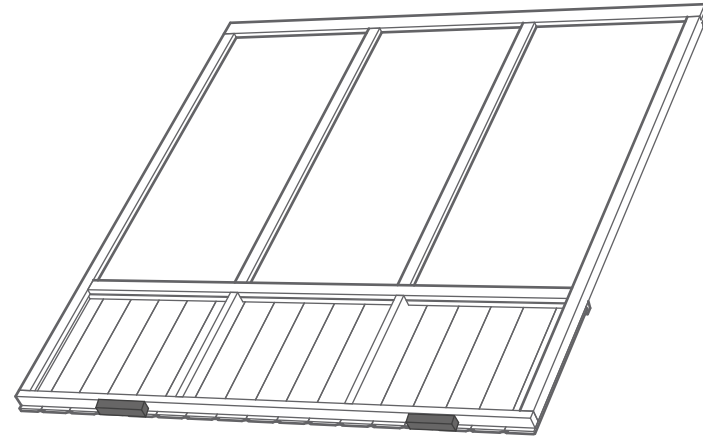
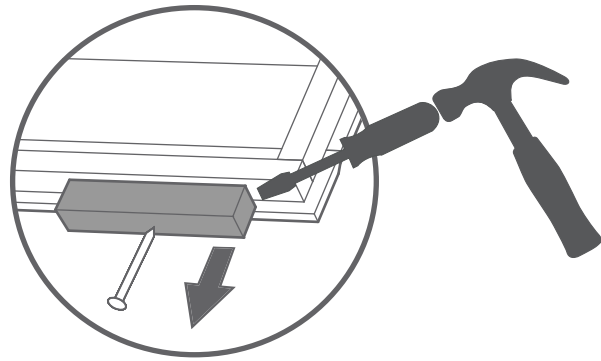
20mm Black Screw x 4

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.

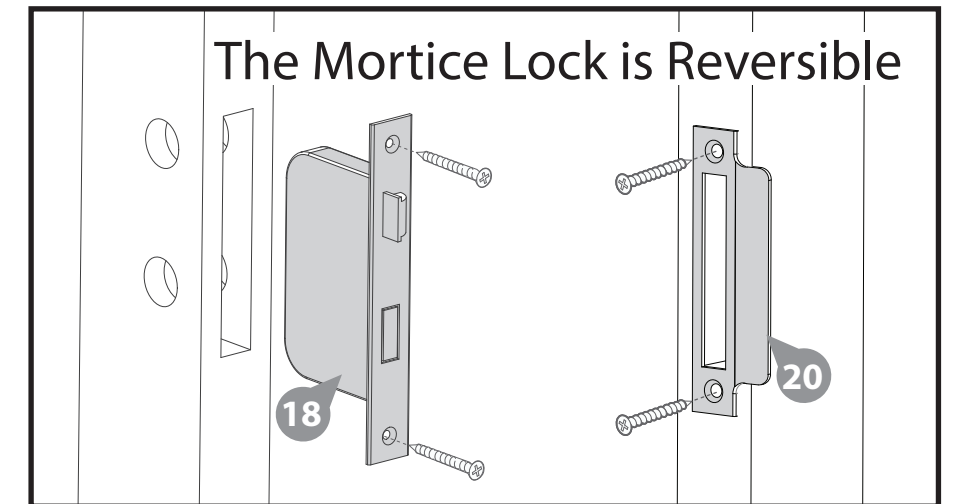


Step 2

Parts needed - No. 18 QTY 1
No. 20 QTY 1

Fit the mortice lock (No.18) into the recess and fix in place with the screws provided. Fit the key plate (No.20) to the inside of the door panel using the screws provided.

4x30mm Screws



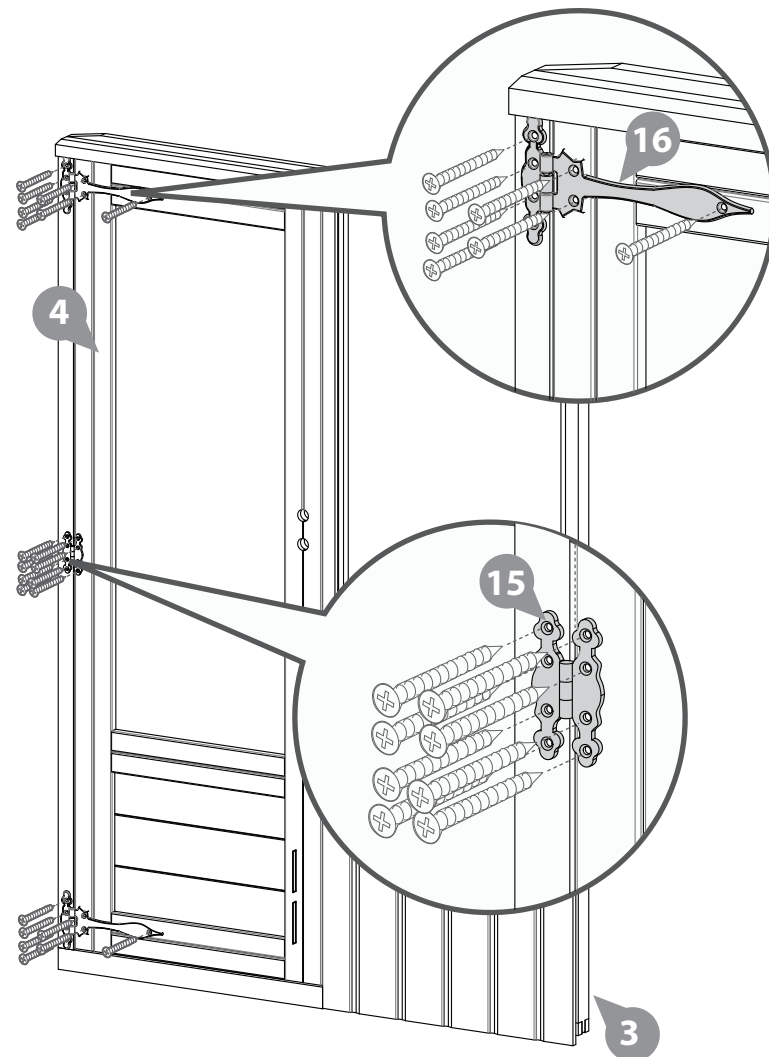
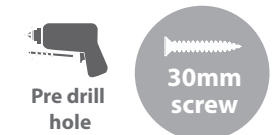
Step 1

Parts needed - No. 3 QTY 1
No. 4 QTY 1
No. 15 QTY 1
No. 16 QTY 2

Attach the Long hinges (No.16) to the Door (No.4) using 3x30mm screws per hinge. Attach the Short hinges to the door using 4x30mm screws.

Fix the Door (No.4) to the Door Gable (No.3) using 4x30mm Screws per long hinge and 4x30mm screws for the small hinge.

22x30mm Screws



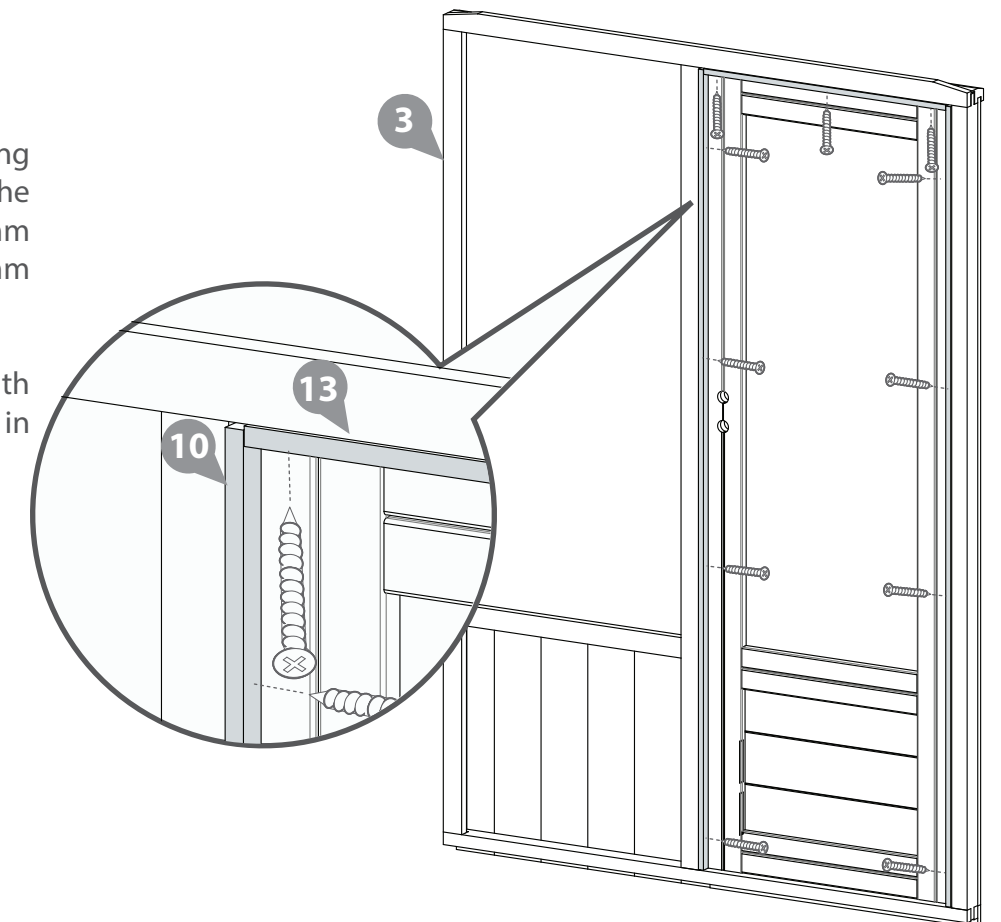
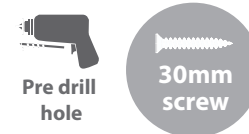
Step 3

Parts needed - No. 3 QTY 1
No. 10 QTY 2
No. 13 QTY 1

Fix the vertical and horizontal beading strips (No.10 & 13) to the inside of the door gable (No.3) using 4x30mm screws for the vertical, and 3x30mm screws for the horizontal.

Ensure that the beading sits flush with the back of the door gable as shown in the detailed view.

11x30mm Screws



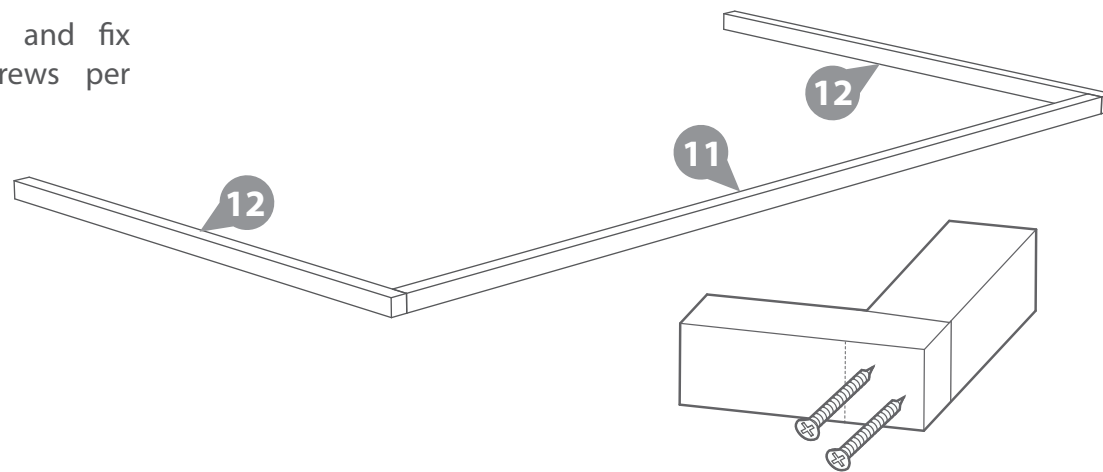
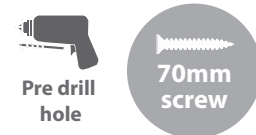
Step 4

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

Lay the panel joists (**No.11 & 12**) down as shown in the diagram 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 the base is square and fix together with 2x70mm screws per corner.

4x70mm Screws



Step 5

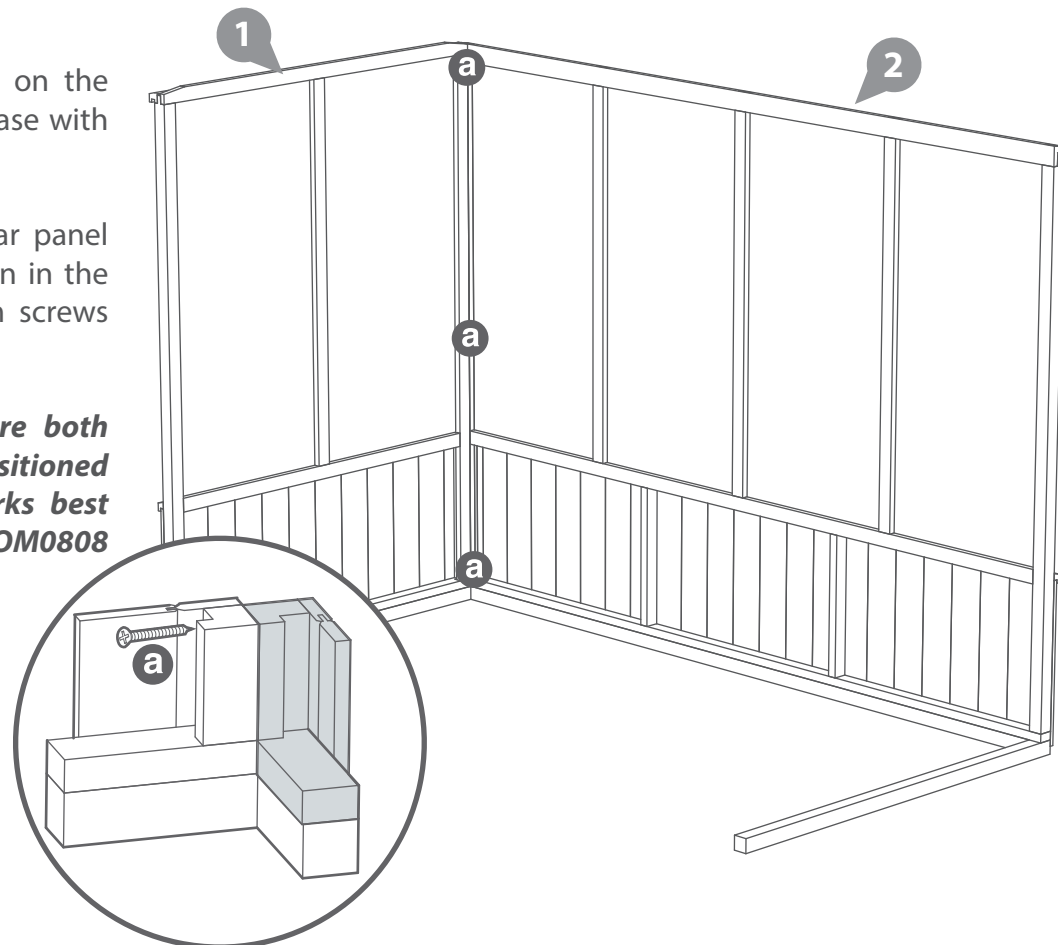
**Parts needed - No. 1 QTY 1
No. 2 QTY 1**

Position the rear panel (**No.1**) on the base, the frame sits onto the base with the cladding overlapping.

Locate the side (**No.2**) and rear panel (**No.1**) frame to frame as shown in the diagram and fix with 3x70mm screws using fixing method A.

The door and rear panel are both interchangeable and can be positioned either end, decide which works best before assembly. (see 04GRECOM0808 assembly)

3x70mm Screws



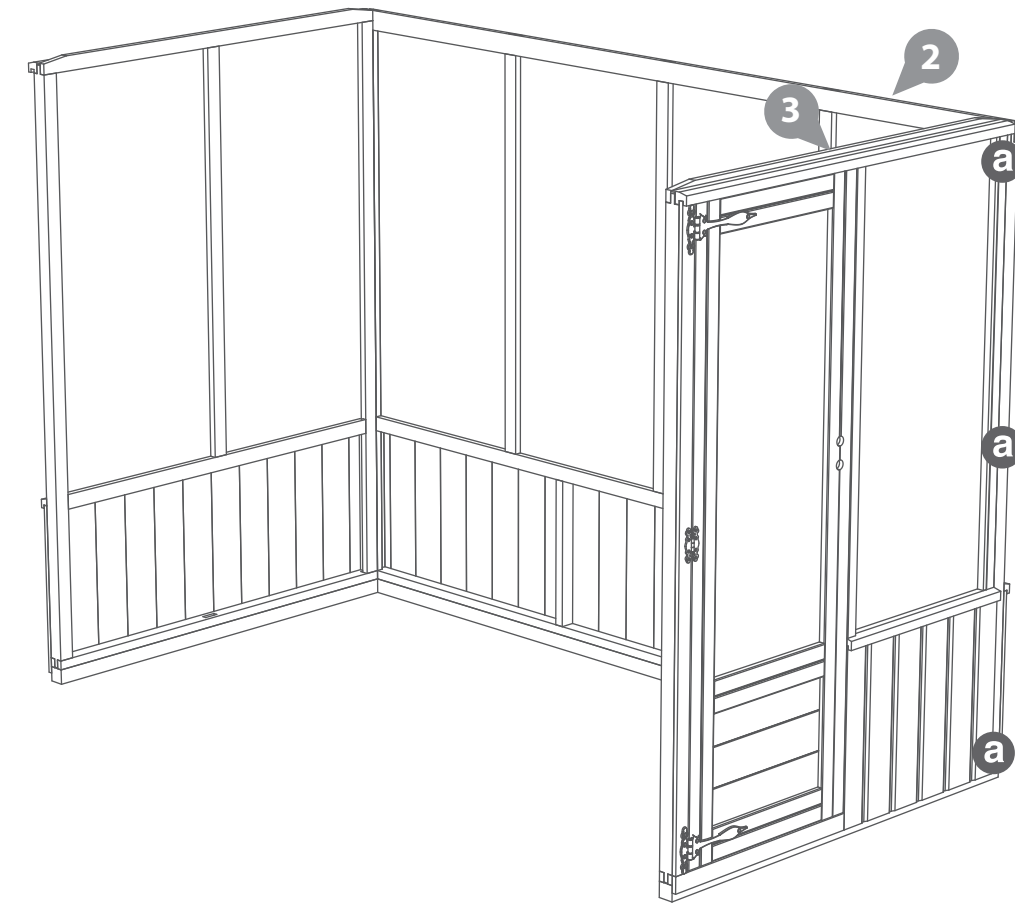
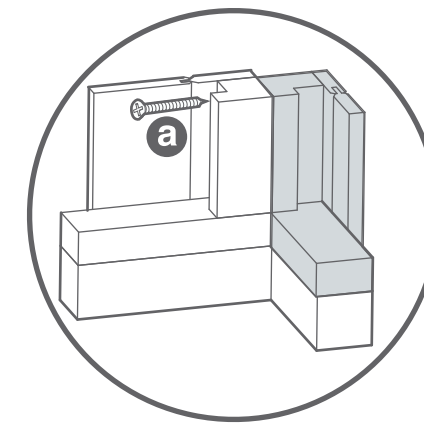
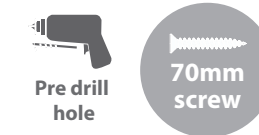
Step 6

Parts needed - No. 3 QTY 1

Locate the Door Panel (**No.3**) onto the base.

Fix to the side panel (**No.2**) using the same method shown in step 5.

3x70mm Screws



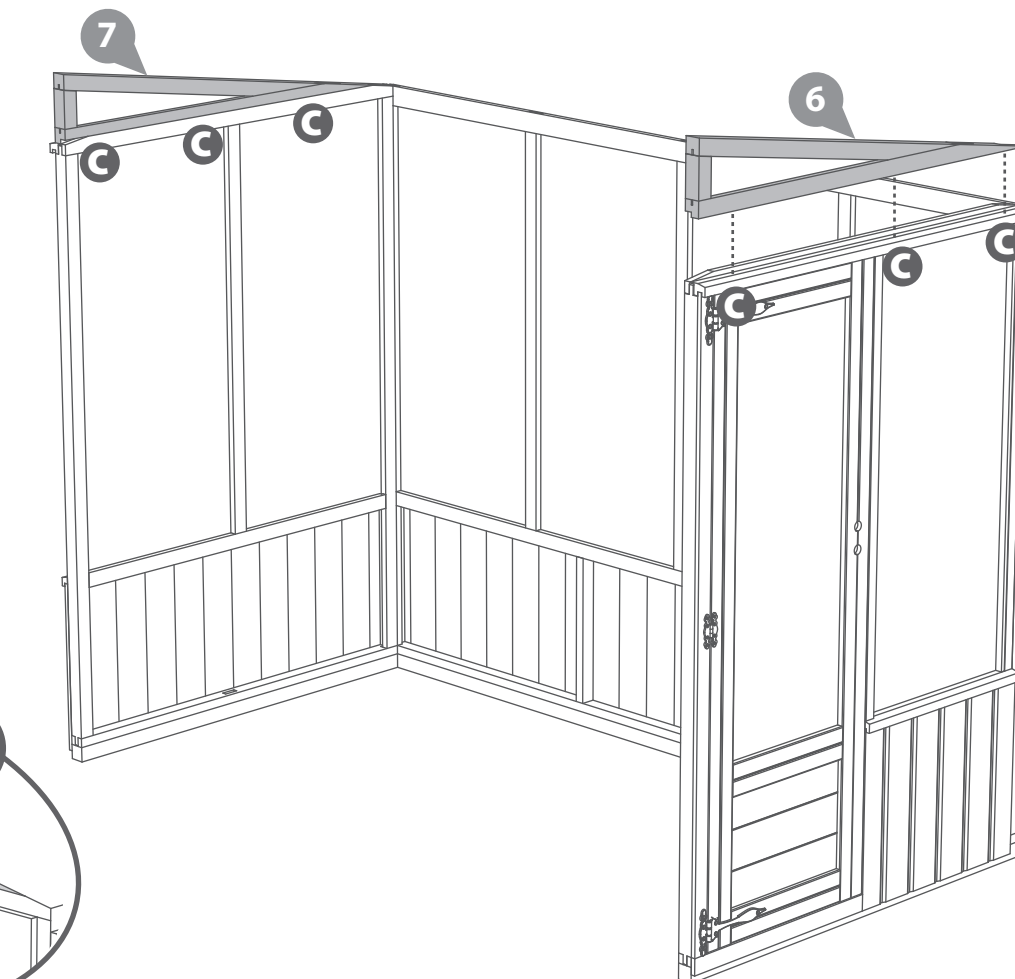
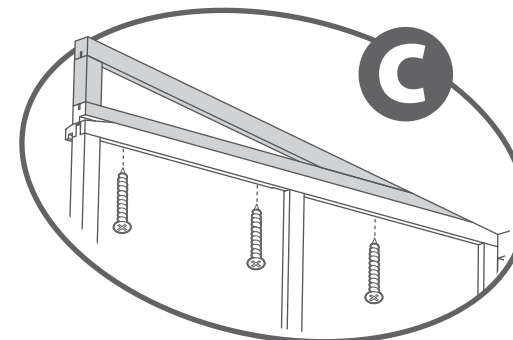
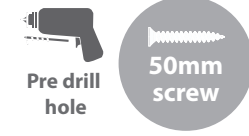
Step 7

**Parts needed - No. 6 QTY 1
No. 7 QTY 1**

Place the left and right gable tops (**No.6 & 7**) onto the top groove of each side. Secure in place using 3x50mm screws per side.

Pre drill holes first then fix screws from the side gable up into the gable top as shown in diagram C.

6x50mm screws



Step 8

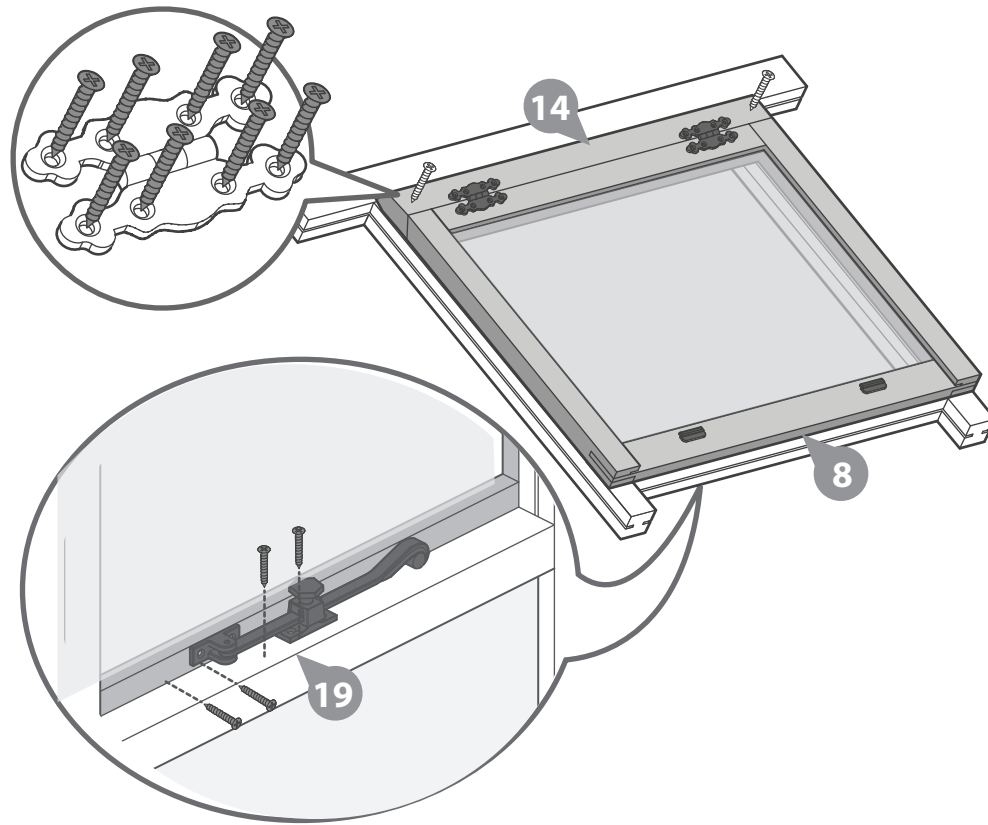
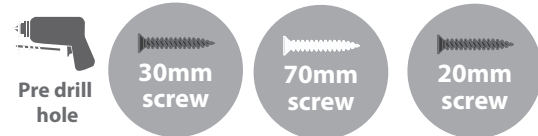
Parts needed - No. 8 QTY 1
 No. 14 QTY 1
 No. 15 QTY 2
 No. 19 QTY 1

Place the Window (No.8) and window block (No.14) on top of the open space in the roof panel. Fix the window block to the roof using 2x70mm screws.

Place the small hinges (No.15) on the window and window block, as shown in the diagram and fix with 8x30mm black screws.

Position the casement stay (No.19) onto the window, fix the stay and pins with 20mm screws.

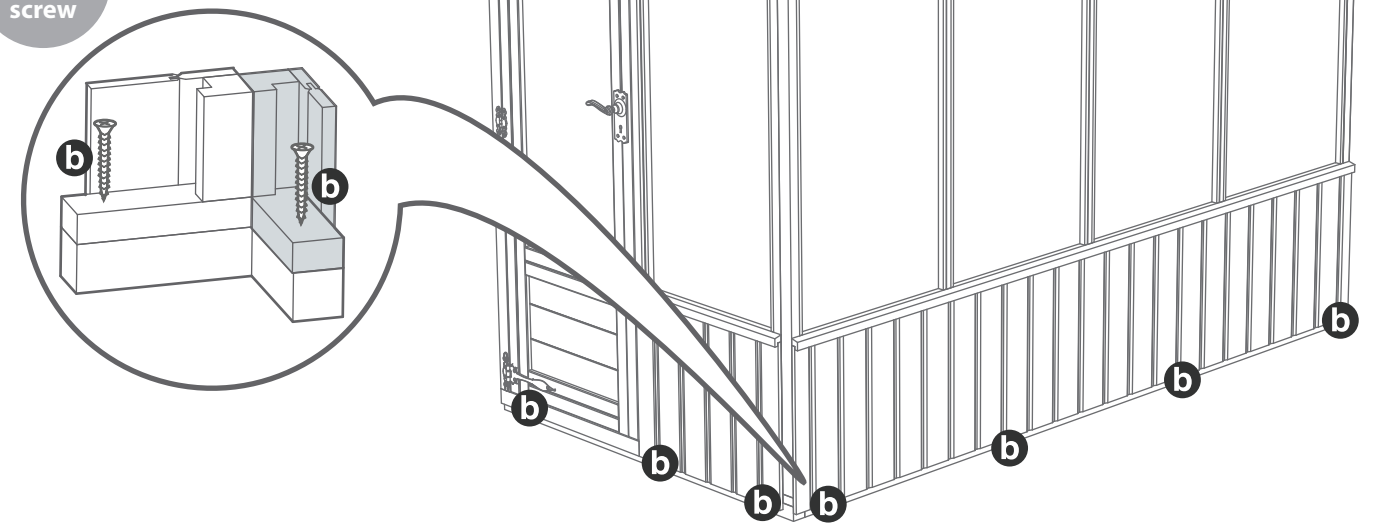
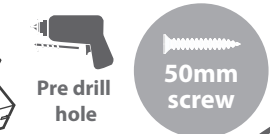
2 x 70mm screws
 16 x 30mm black screws
 4 x 20mm black screws



Step 10

Fix the door, rear and large side panel to the panel joists using 50mm screws, ensure the building is square before fixing in place. Pre-drill holes to prevent splitting.

10x50mm screws



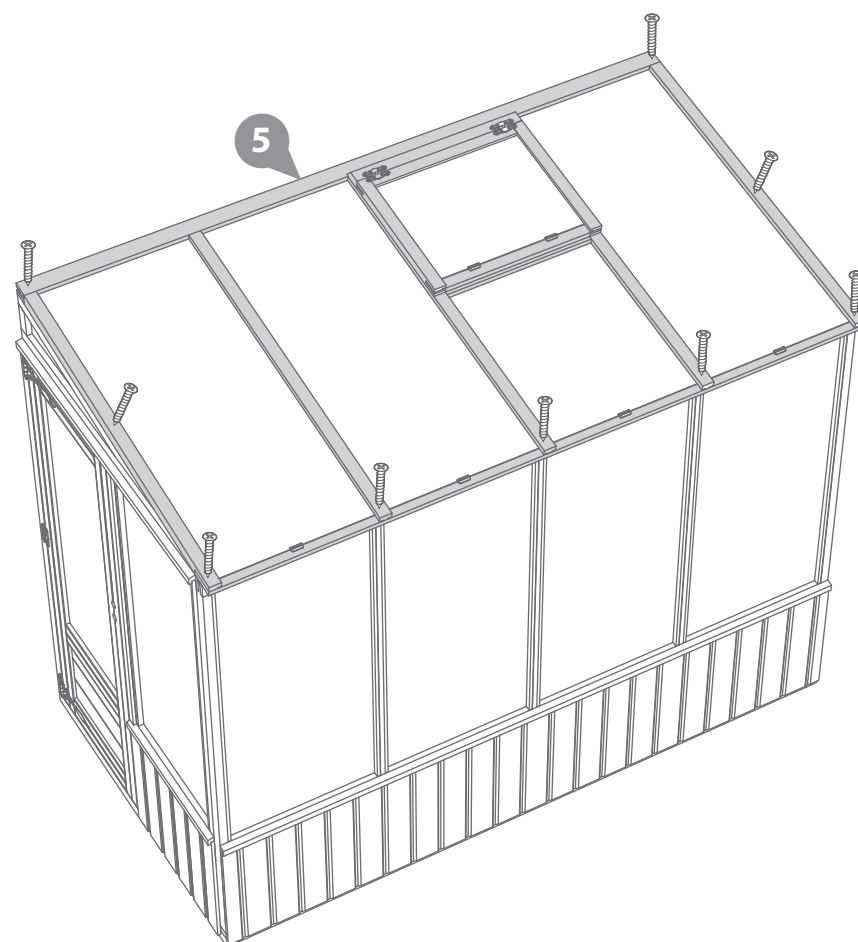
Step 9

Parts needed - No. 5 QTY 1

Slide the roof panel (No.5) on top of the building, the building may need moving around slightly to ensure the roof panels fit squarely.

When you are happy that everything fits correctly fix the roof (No.5) down with 9x70mm screws as shown in the diagram.

9x70mm screw

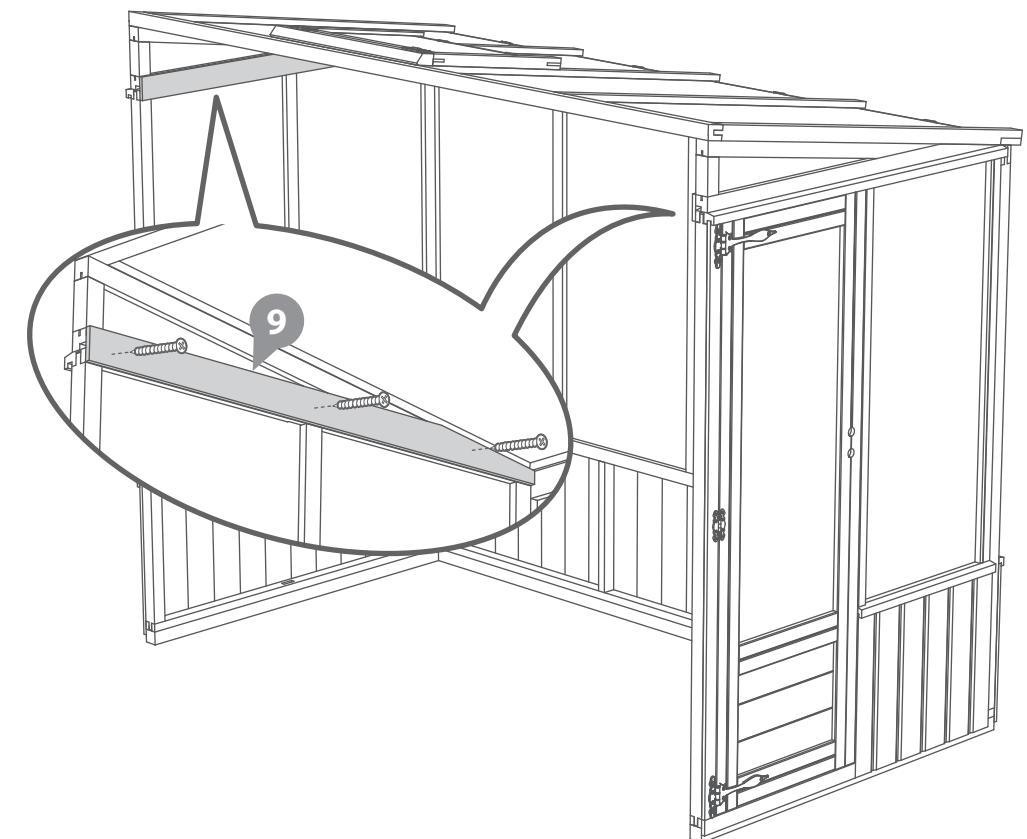
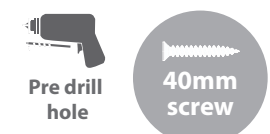


Step 11

Parts needed - No. 9 QTY 2

Fix the cover strips (No.9) to the inside of each gable side using 3 x 40mm screws.

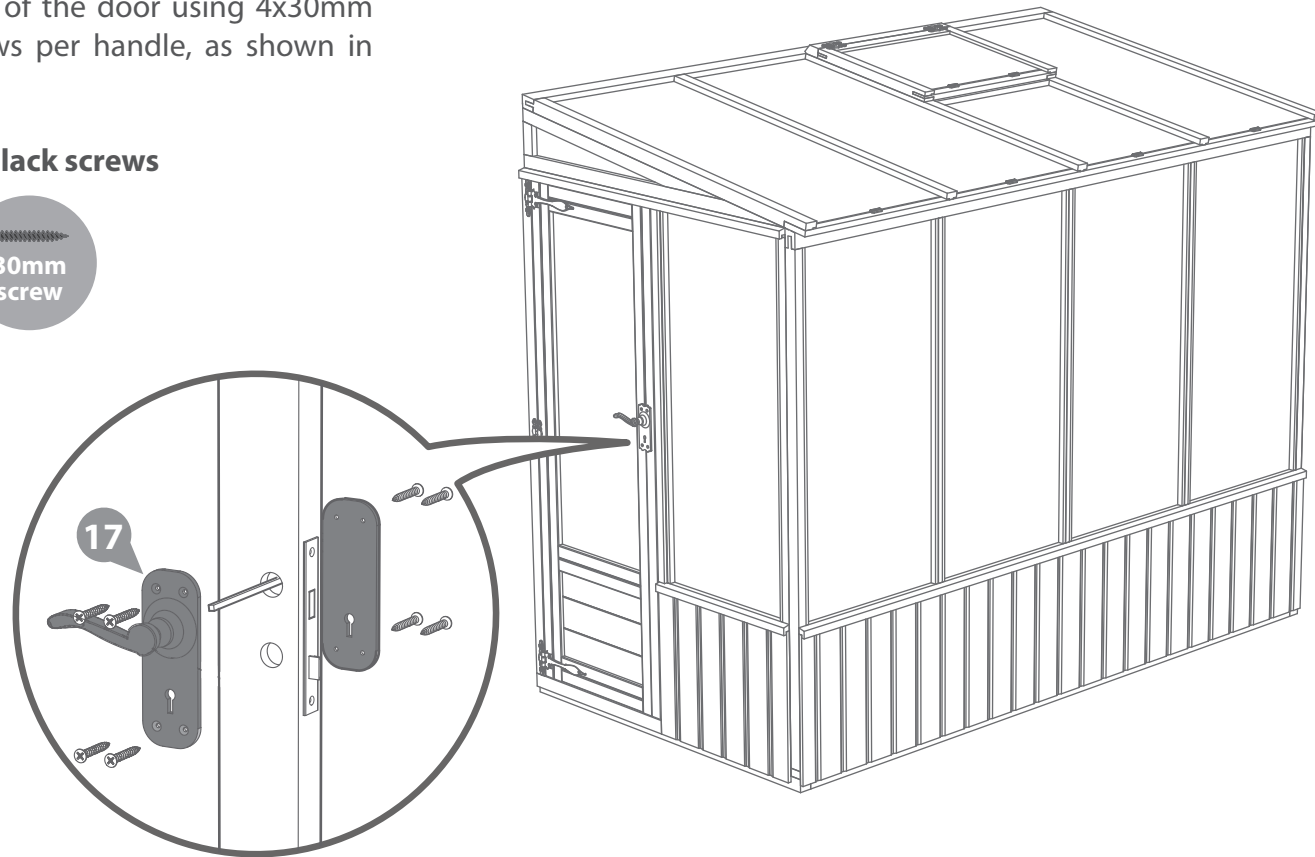
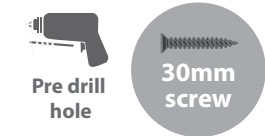
6x40mm screws



Step 12
Parts needed - No. 17 QTY 2

Fix the mortice lock handles (**No.17**) on either side of the door using 4x30mm black screws per handle, as shown in diagram

4x30mm black screws



Please note that we don't include fixings with this product due to wall construction materials varying from house to house. If you are unsure on the fixings you require then we recommend that you consult with your local builders merchant or a knowledgeable DIY store.

04GRECOM0808-V1 Assembly

Requires 01MODP0804-V1

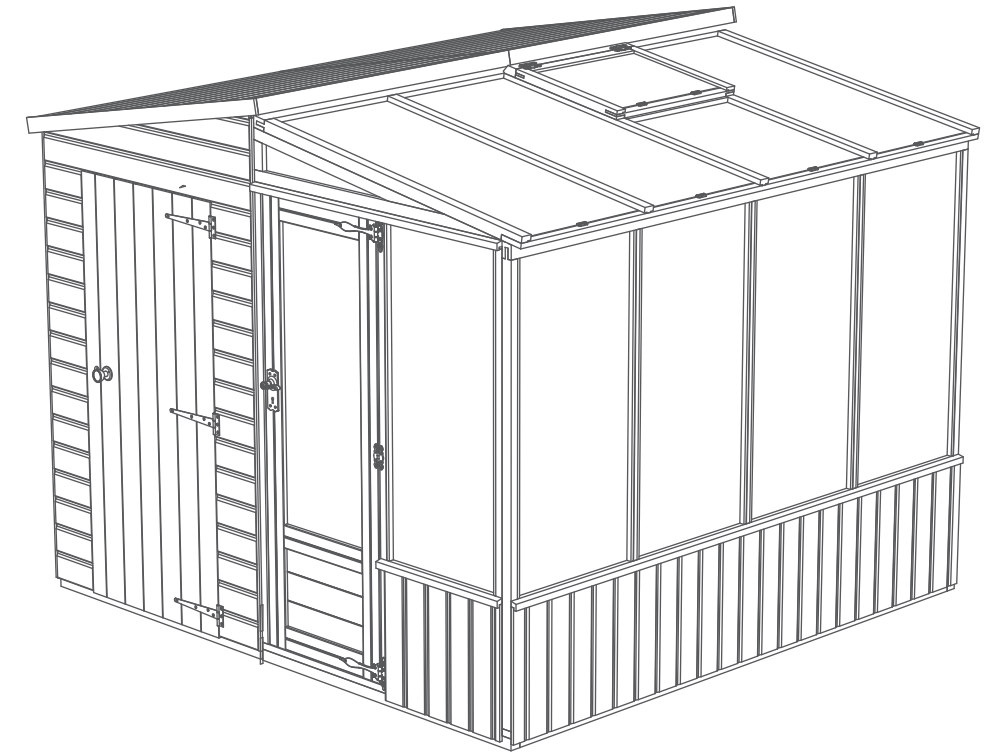
Length - 2490mm
Width - 2530mm
Height - 2150mm

Pre Assembly

Follow the instructions for the 8x4 Modular Pent (**01MODP0804-V1**)

Follow the instructions for the **04LEAN0804-V1** to assemble the pent greenhouse unit up against the side of the pent shed.

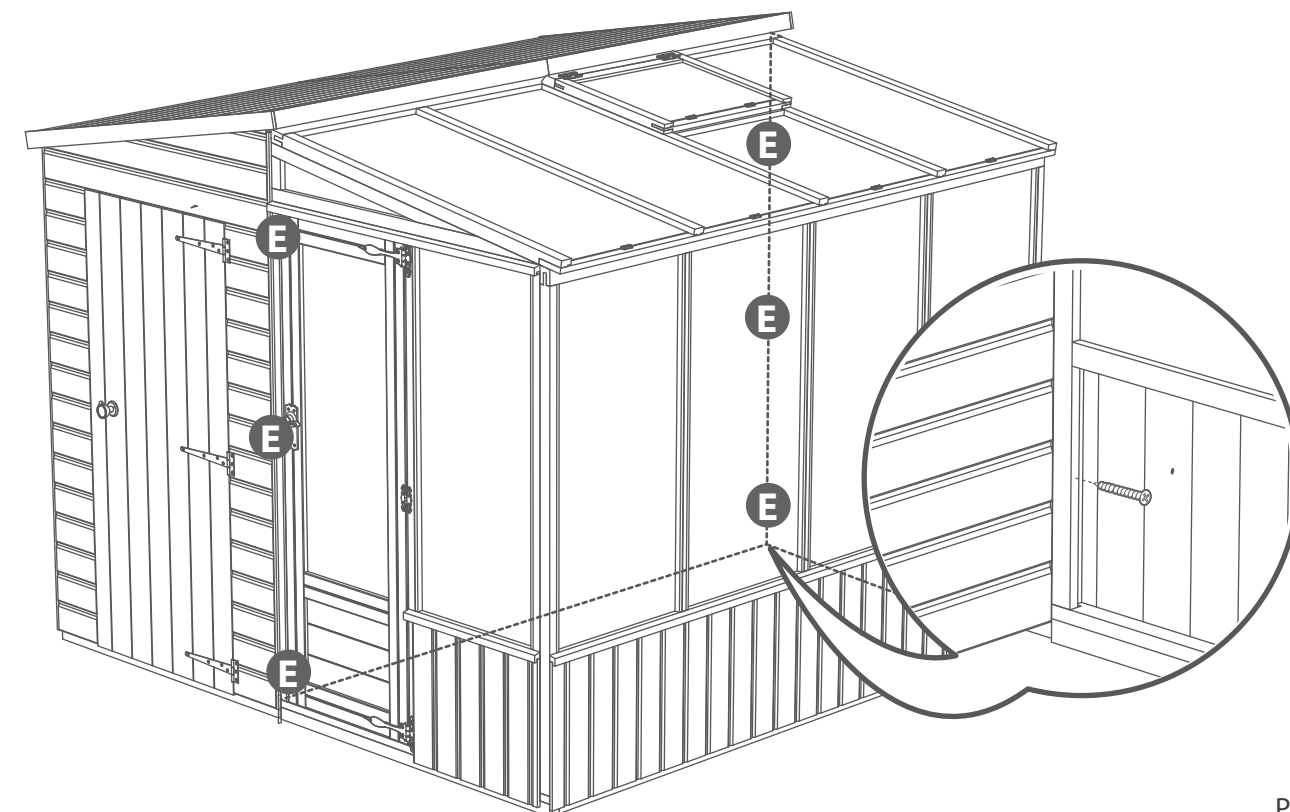
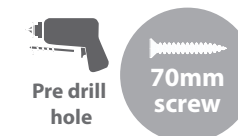
The buildings should look as shown.



Step 13

Secure the two buildings together using 70mm screws in the areas shown.

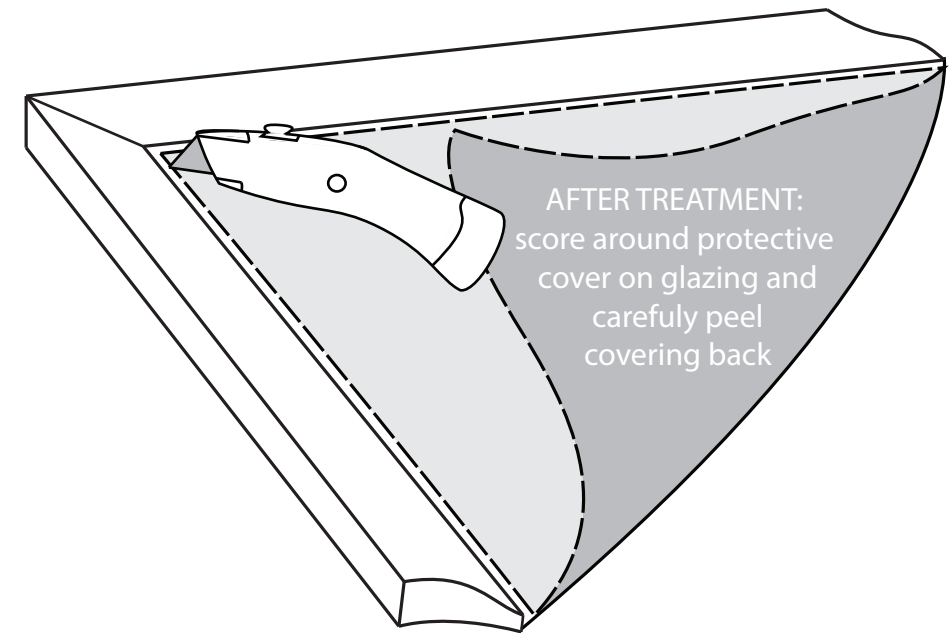
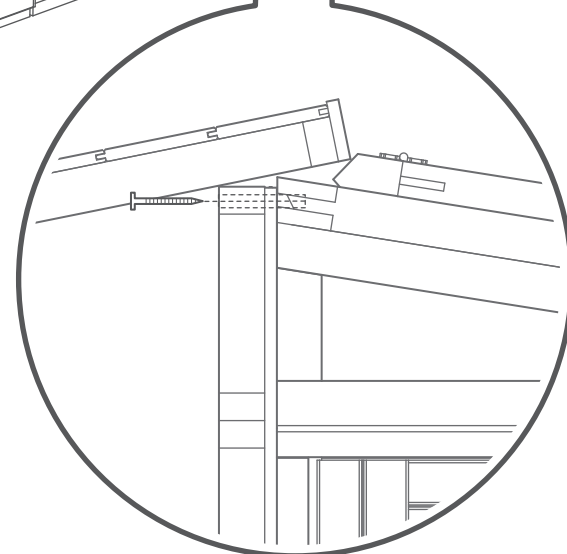
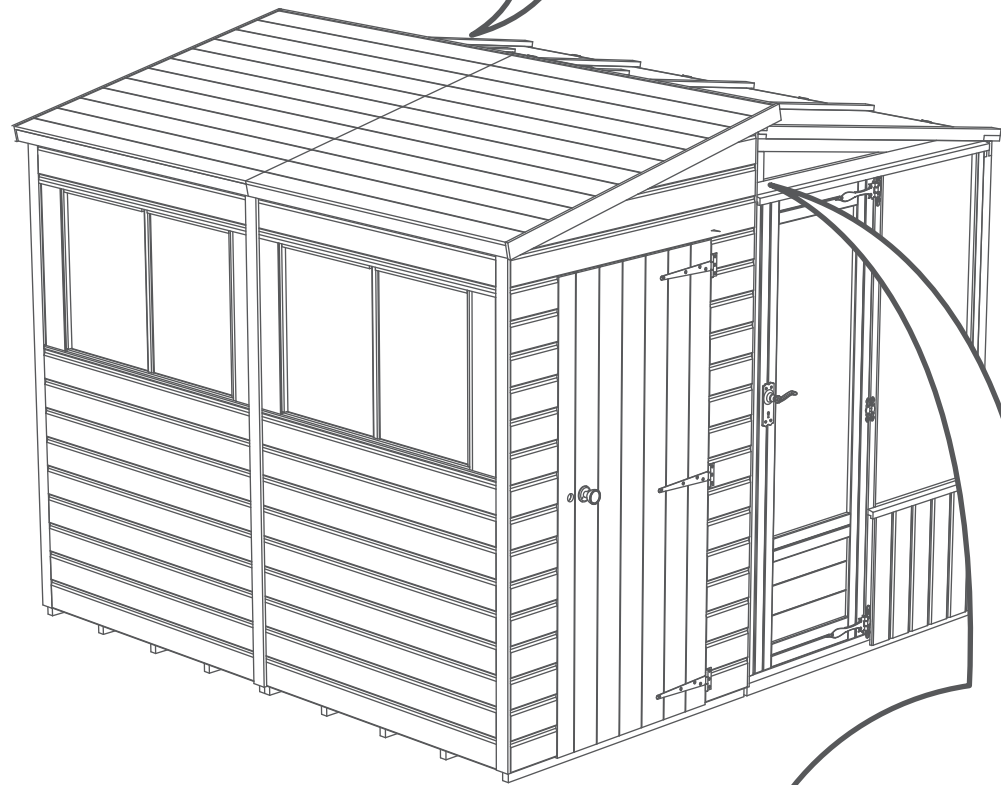
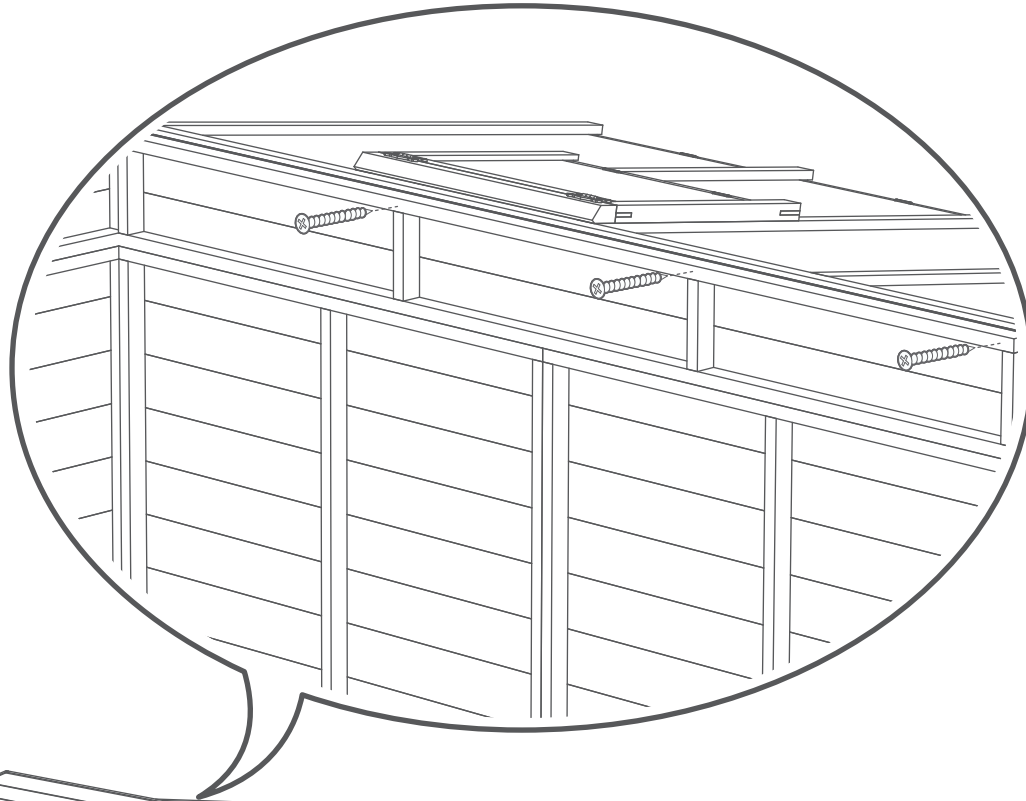
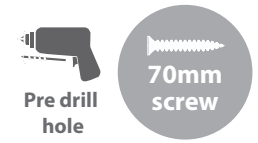
6x70mm screws



Step 14

Pre drill holes from the shed panel top straight into the green house roof panel. Use 4x70mm screws.

4x70mm screws



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.



REGISTER FOR YOUR
ANTI-ROT
GUARANTEE TODAY

PLEASE SCAN HERE:

