General Instructions

04VCGRO-V1

Victorian Growhouse

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 and drill with 2mm bit.
- Ensure there is plenty of space and a clean dry area for assembly.

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.

Our buildings are pre treated with a water based treatment**; this only helps to protect the product during transit and for upto 3 months against mould. To validate your guarantee and ensure longevity of the product, it is ESSENTIAL the building is treated with a wood preserver within the first three months of assembly and thereafter in accordance with the manufactures recommendations. Care must be taken to ensure the product is placed on a suitable base.

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 you specific product code



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.

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

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

Aquatan is a water-based concentrate which is diluted with water, the building has 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, aqueos mixture of sodium dioctyl sulphosuccinat and alcohols: 2, 4, 6-trichlorophenol.

For assistance please contact customer care on: 01636 880514

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

www.merciagardenproducts.co.uk

04VCGRO-V1

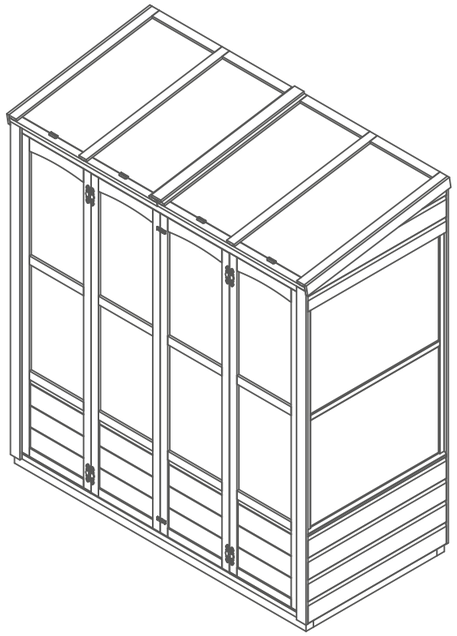
Please retain product label and instructions for future reference

Overall Dimensions:
Width =1778mm
Depth = 861mm
Height = 1944mm

Base Dimensions:
Width = 1730mm
Depth = 821mm

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

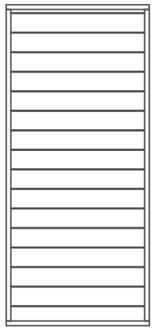
MADE IN GREAT BRITAIN



1

Left Side Panel
AI-04VCGROSPL821X1840-V1

2

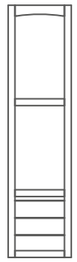


Back Panel
AI-04VCGROBP821X1840-V1
QTY 2

3

Right Side Panel
AI-04VCGROSPR821X1840-V1

4



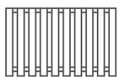
Door
AI-04VCGROD410X1640-V1
QTY 4

5



Roof
AI-04VCGROR876X860-V1
QTY 2

6



Shelf A
AI-04VCGROSHA440X715-V1
QTY 2

7



Shelf B
AI-04VCGROSHB275X821-V1

8



Framing *F2744-1642mm* **QTY 3**

9



Strip *S727-410mm* **QTY 2**

10



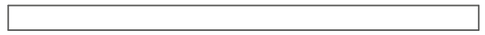
Cover trim *S1256-1840mm* **QTY 2**

11



Cover trim *S1256-1713mm* **QTY 2**

12



Door trim *S1256-1595mm*

13



Roof trim *S1256-860mm* **QTY 3**

14



Base framing *F4444-733mm* **QTY 2**

15



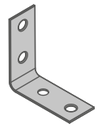
Base framing *F4444-1730mm* **QTY 2**

16



Roof support block *F2744-140mm*

17



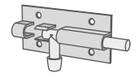
'L' Bracket
PI-07-0012
QTY 4

18



Turn button
PI-07-0182
QTY3

19



Tower bolt
PI-07-0114
QTY 2

20

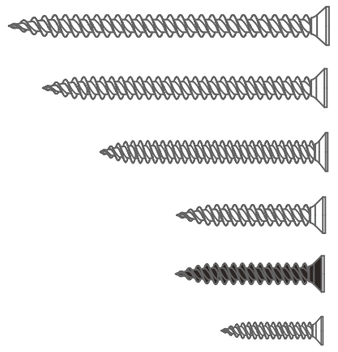


Butt hinge
PI-07-0114
QTY 2

21



Butterfly hinge
PI-07-0004
QTY 6



60mm Screw x 24

50mm Screw x 20

40mm Screw x 38

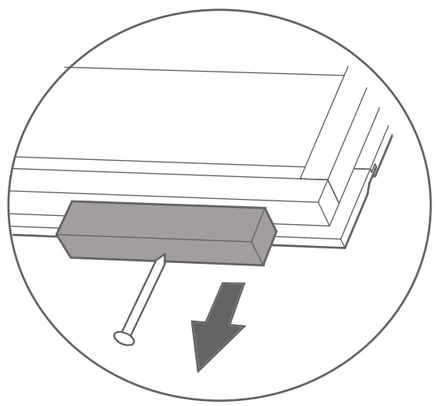
30mm Screw x65

30mm Black Screw x3

20mm Screw x16

Pre Assembly

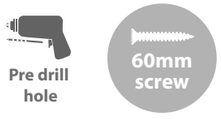
Remove the transportation blocks from the bottom of each panel before assembling the building.

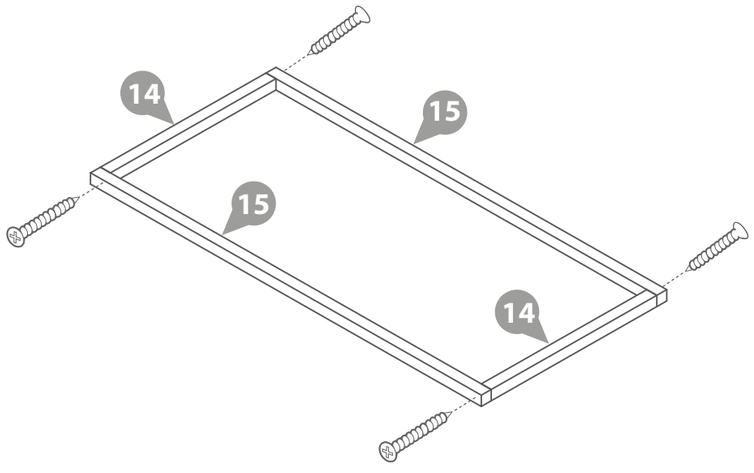


Step 1

Lay the Base framing **(No. 14** & **No. 15)** down on a flat level base and secure together as shown with 60mm screws.

4x60mm screws.



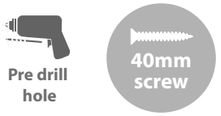


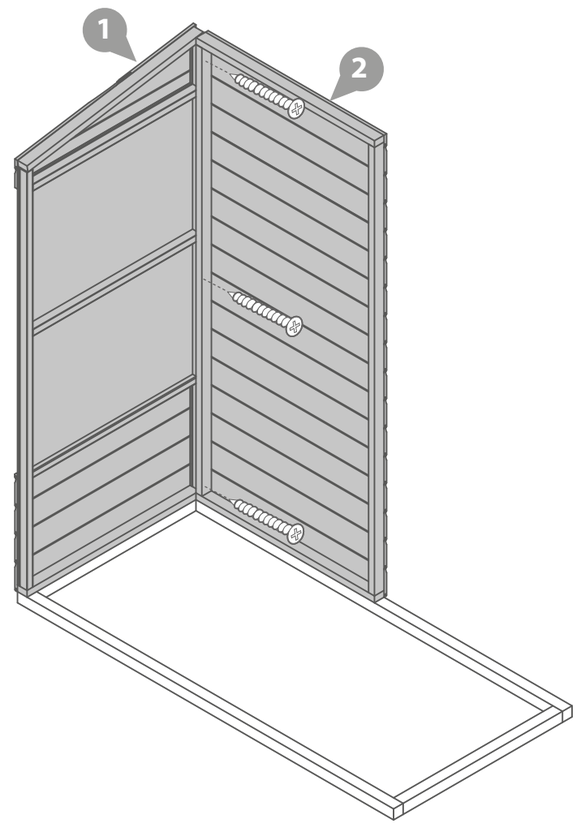
Step 2

Position the Left Side Panel **(No. 1)** next to the Back panel **(No. 2)** as shown and secure with 3x40mm screws.

*Do **NOT** secure to the base framing until the Roof is fitted.

3x40mm screws.





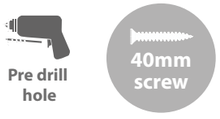
Step 3

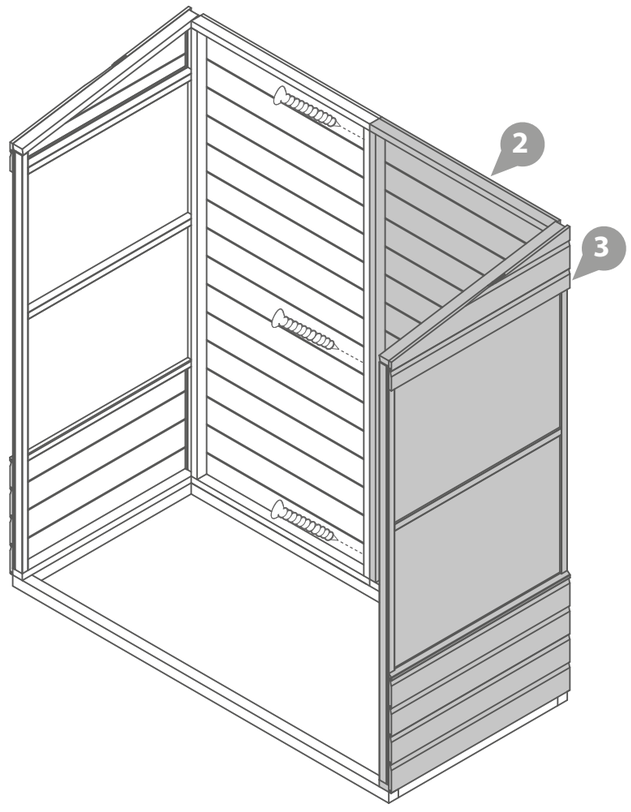
Fix the second Back panel **(No. 2)** side by side to the existing Back panel as shown with 3x40mm screws.

Position the Right Side Panel **(No. 3)** to next to the Back panel **(No. 2)** as previously shown and secure with 3x40mm screws.

*Do **NOT** secure to the base framing until the Roof is fitted.

6x40mm screws.

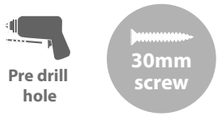


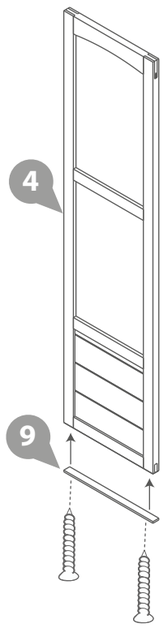


Step 4

In order for the static doors to be fixed in position. Fix the Strips **(No. 9)** to two of the doors as shown with 2x30mm screws per door.

4x30mm screws.





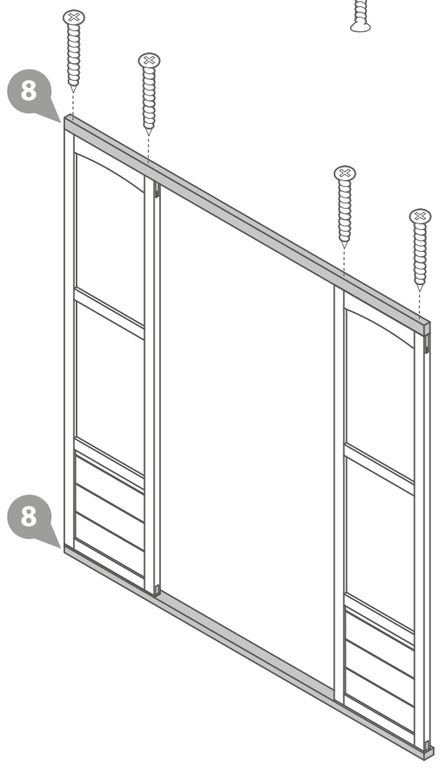
Step 5

Fix Framing **(No. 8)** to the top and bottom of the static Doors with 60mm screws at the top and 40mm screws at the bottom. This will create the static door frame.

Make sure the Doors are flush to one side of the framing.

8x40mm screws.
8x60mm screws.





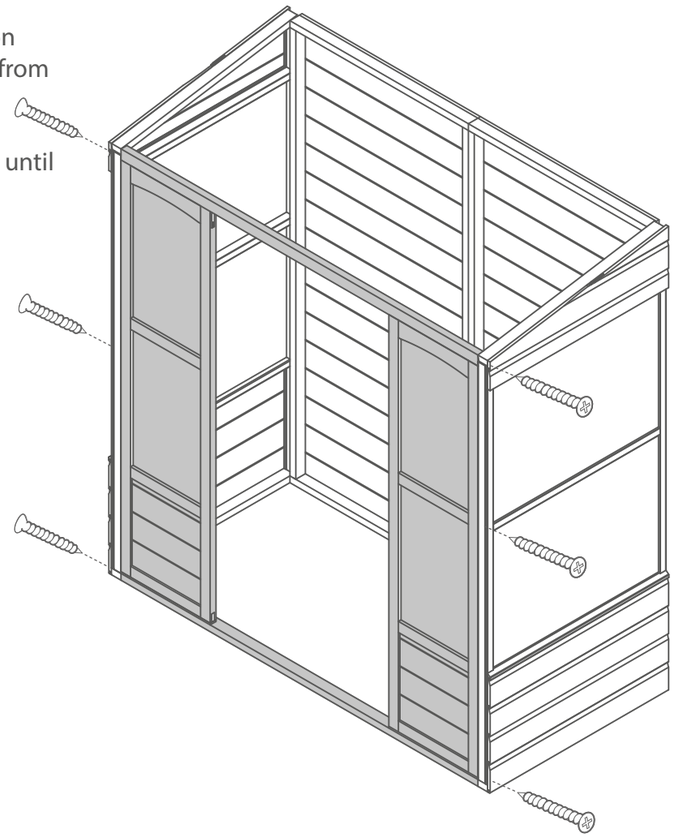
Step 6

Place the Static Door frame in postion and fix with 60mm screws, securing from the outside as shown.

*Do **NOT** secure to the base framing until the Roof is fitted.

6x60mm screws.



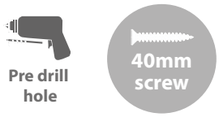


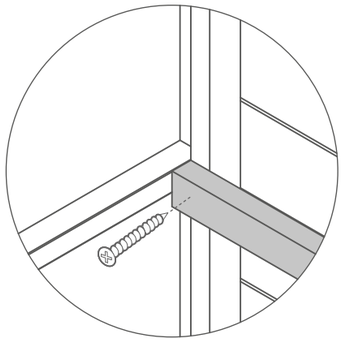
Step 7

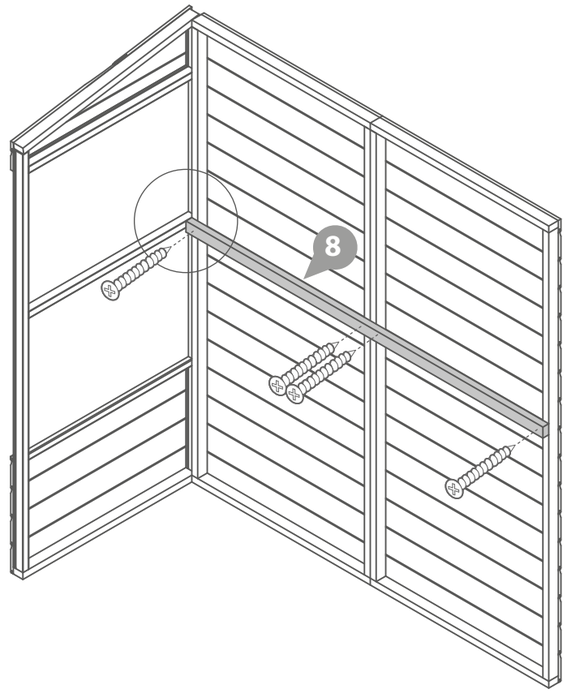
Fix the Shelf Framing **(No. 8)** into position with 4x40mm screws.

Make sure the framing is flush with the window mid-rail framing as shown.

4x40mm screws.







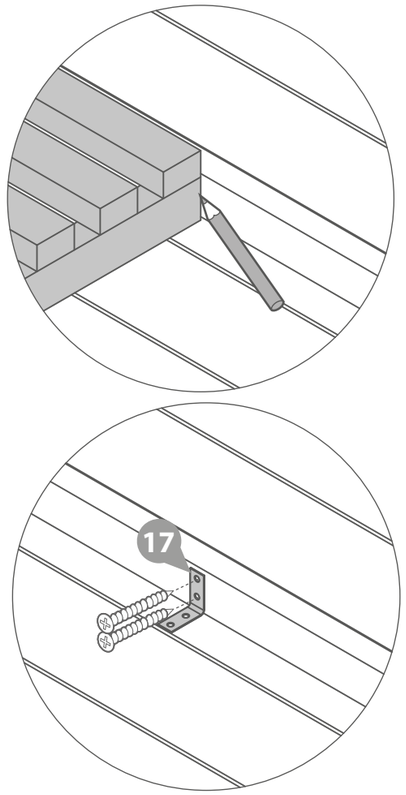
Step 8

Fix the 'L' brackets **(No. 17)** in postion with 2x20mm screws per bracket. To obtain the correct postion place Shelf A into the desired postion and mark the positon with a pencil.

Repeat for second shelf.

8x20mm screws.





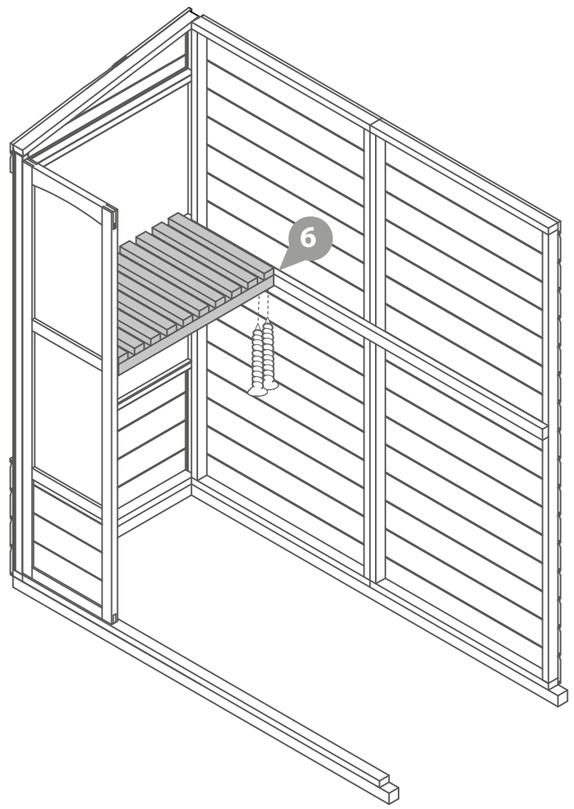
Step 9

Fix Shelf A **(No. 6)** into postion from underneath through the 'L' bracket with 2x20mm screws per bracket.

Repeat for second shelf.

8x20mm screws.



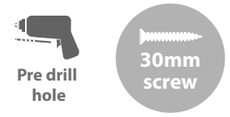


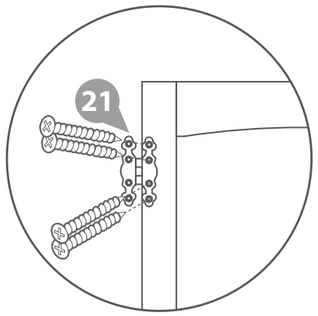
Step 10

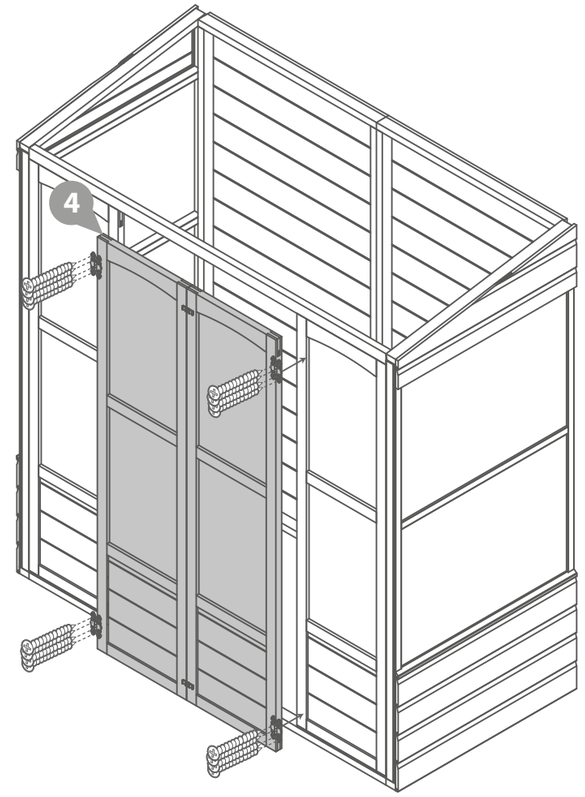
Attach the Butterfly hinges **(No. 21)** to the Doors **(No. 4)** using 4x30mm screws per hinge as shown.

Fix the Doors to the building as shown using 4x30mm screws

16x30mm screws.





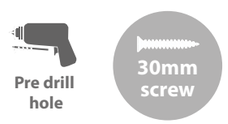


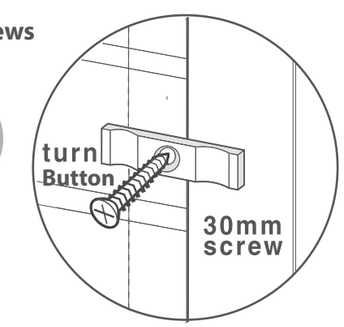
Step 11

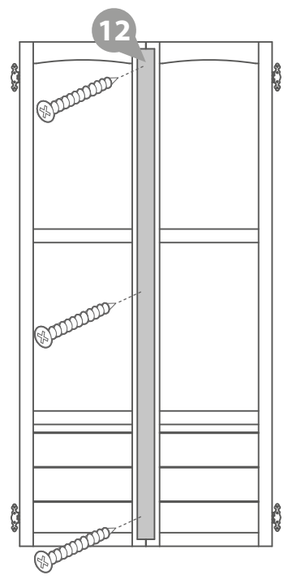
Once the Doors are fitted. Determine which door is to be the Master door and attach 2xTurn buttons **(No. 18)** to the outside of the door with 2x30mm black screws so that, when turned horizontal, they overlap both Doors.

To the Door designated as the slave Door attach the Door Trim **(No. 12)** with 3x30mm screws.

3x30mm screws.
2x30mm black screws







Step 12

To fix Shelf B **(No. 7)** into position, attach Butt hinges **(No. 20)** to the underside of the horizontal framing with 3x30mm screws per hinge as shown.

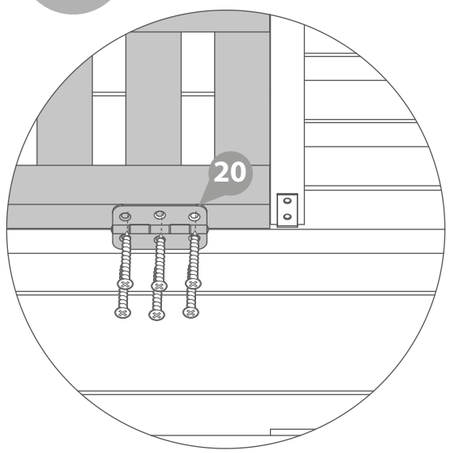
Fix the shelf to the hinges with 3x 30mm screws per hinge.

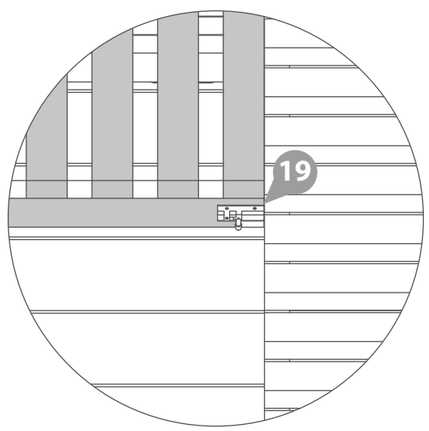
To allow for the shelf to be horizontal, fix the Tower bolts **(No. 18)** to the front of the shelf with 4x30mm screws per Tower bolt.

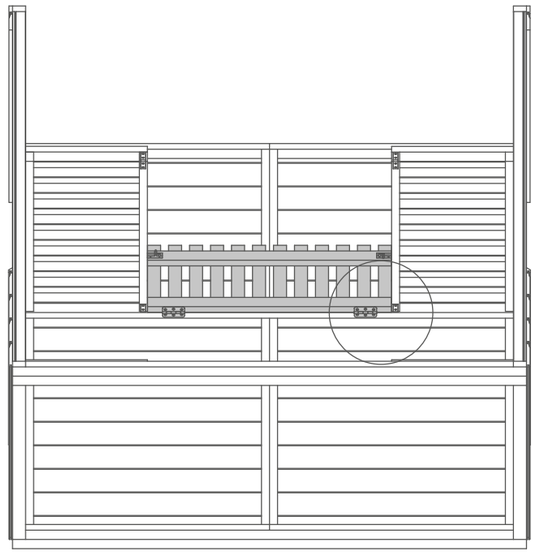
To allow for the tower bolt to be locked, drill a hole into Shelf A.

14x30mm screws.

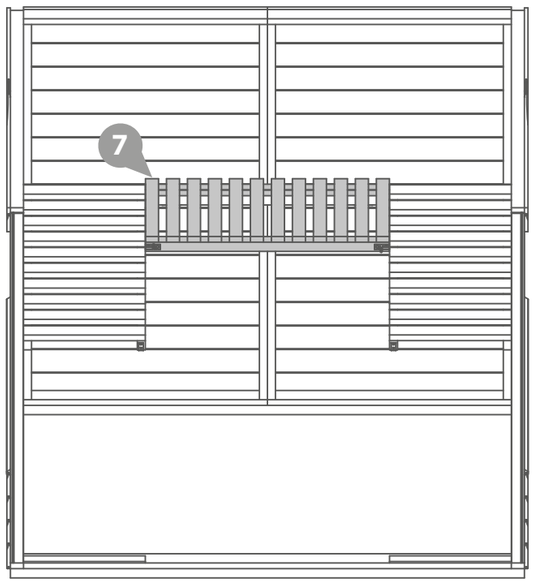








Lower view



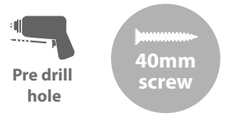
Upper view

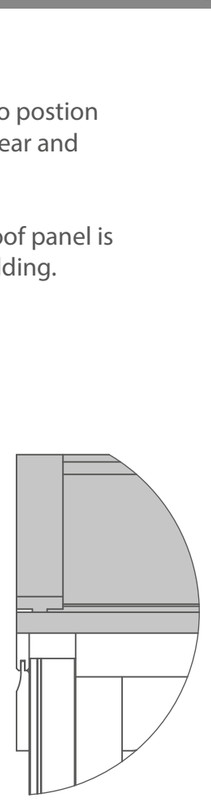
Step 13

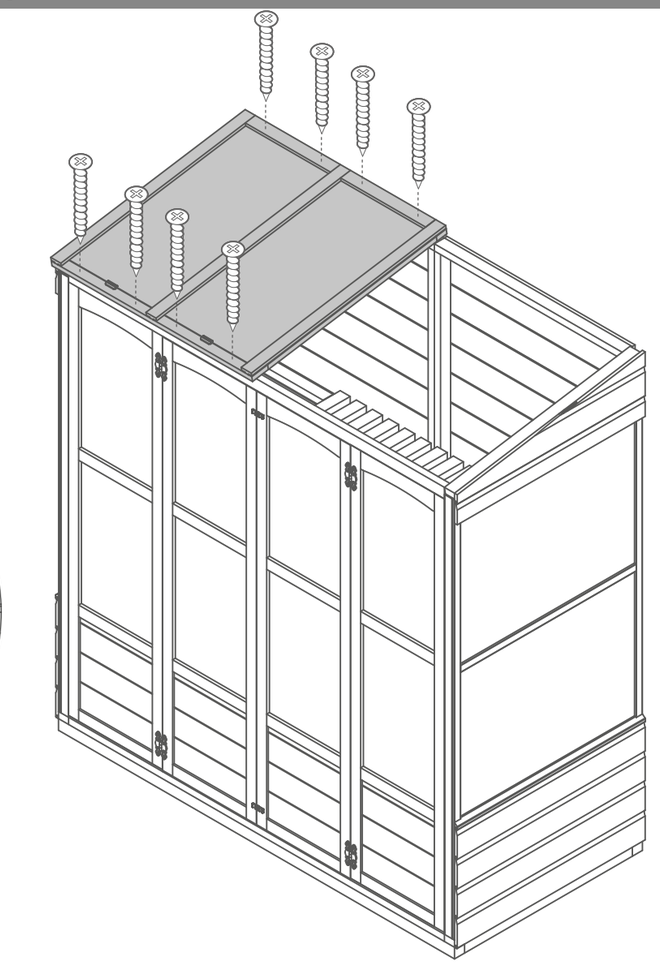
Fix the Static Roof **(No. 5)** into postion with 4x60mm screws at the rear and 4x40mm at the front.

*Make sure the side of the Roof panel is flush with the side of the building.

4x40mm screws.
4x60mm screws.







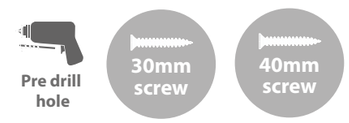
Step 14

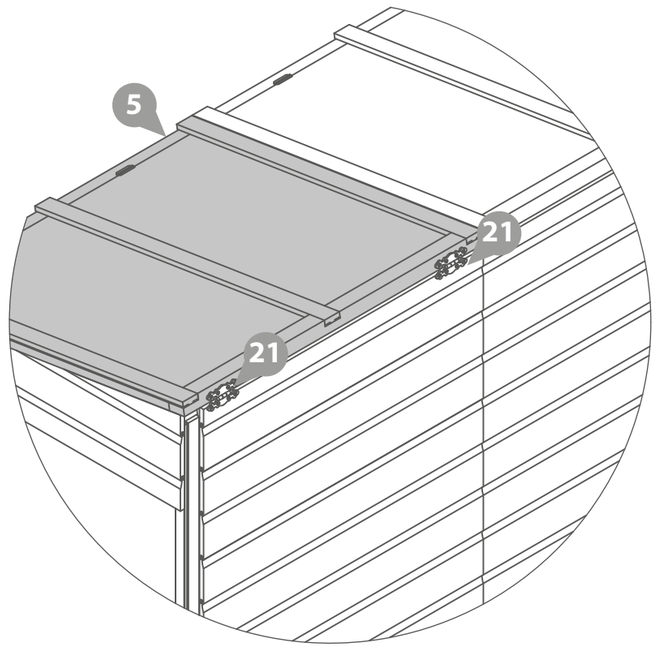
To fix the opening Roof **(No. 5)**, place in postion so it aligns with the fixed Roof.

*Make sure the side of the Roof panel is flush with the side of the building.

Once in position, fix in place with two Butterfly hinges **(No. 21)**. Fix to the building first with 4x40mm screws per hinge and then to the Roof with 4x30mm screws.

8x30mm screws.
8x40mm screws.



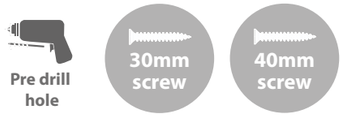


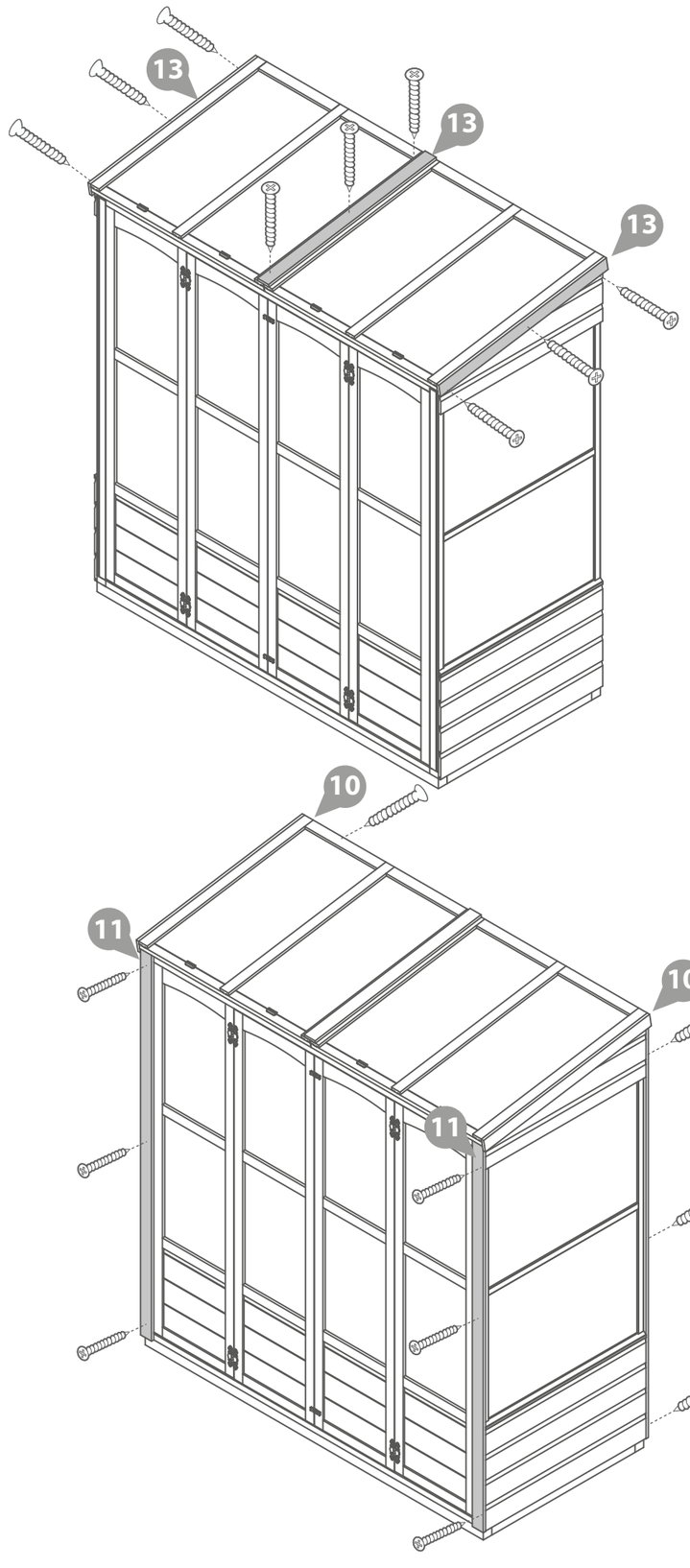
Step 15

Fix 2x Roof trim **(No. 13)** to the side of the Roof panels with 3x30mm screws per Roof trim.

Fix the remaining Roof Trim to the opening Roof, covering the gap between the Roof panels, with 3x 40mm screws.

6x30mm screws.
3x40mm screws.

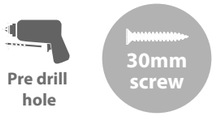




Step 16

Fix the Cover trims **(No. 10** & **No. 11)** as shown with 3x30mm screws per trim.

12x30mm screws.



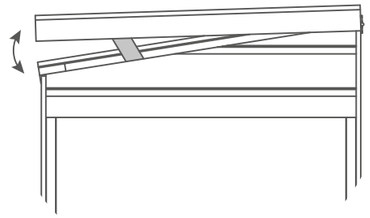
Step 17

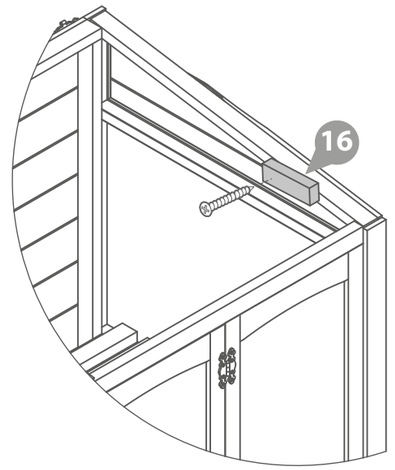
Fix the Roof support block **(No. 16)** to the inside of the side panel with 1x50mm screw.

This block allows for the Opening Roof to be kept open as shown.

1x50mm screws.



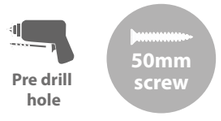


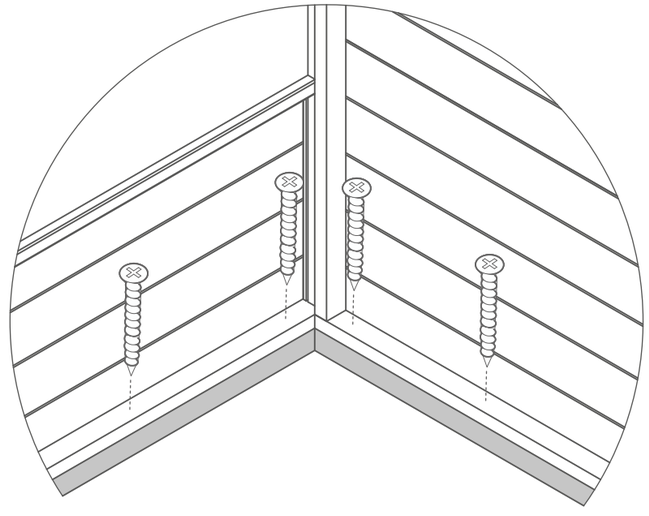


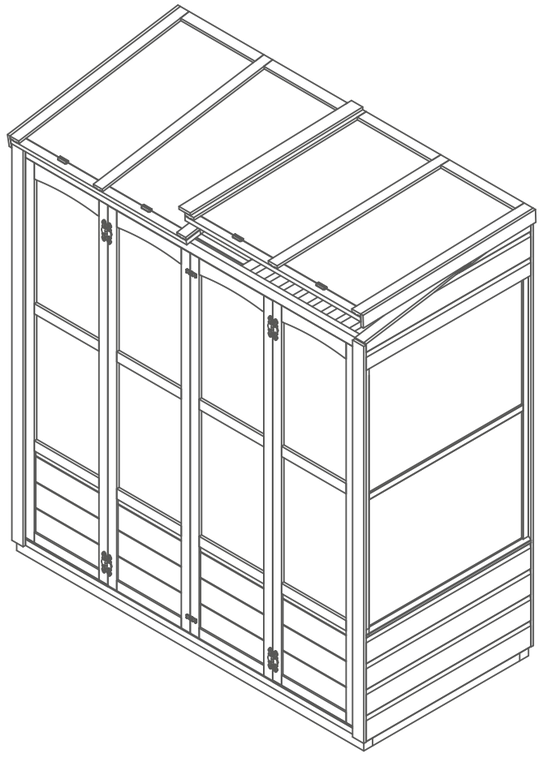
Step 18

Fix the building to the base with 50mm screws evenly spaced as shown.

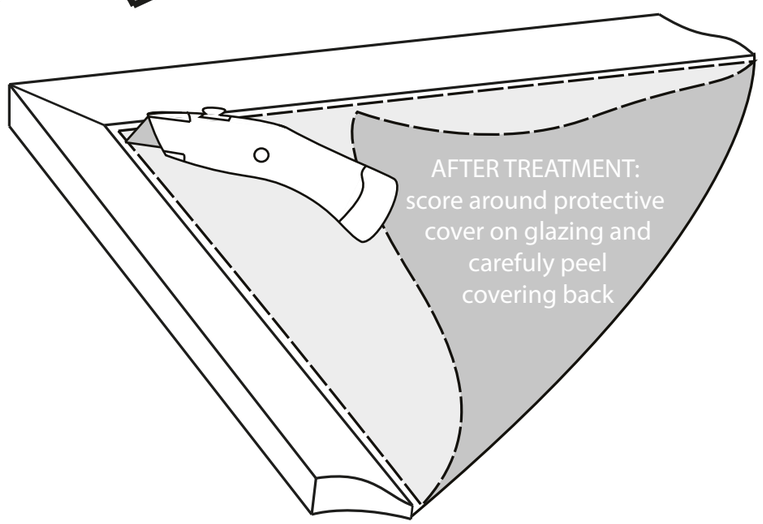
18x50mm screws.








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


AFTER TREATMENT:
score around protective cover on glazing and carefuly peel covering back