General Instructions

04GREENLEAN0804-V1

8x4 Lean-to Greenhouse

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.

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 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, 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

04GREENLEAN0804-V1

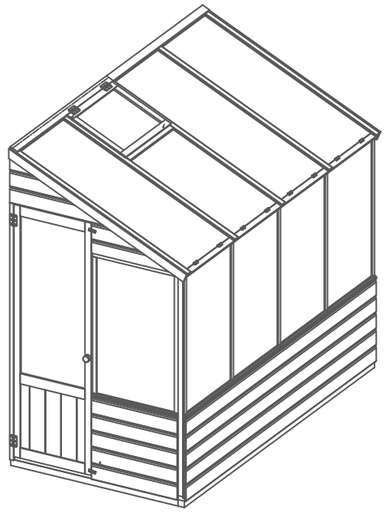
Please retain product label and instructions for future reference

Overall Dimensions:
Width = 2407mm
Depth = 1267mm
Height = 2178mm

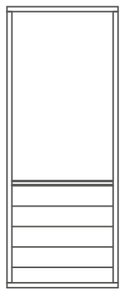
Base Dimensions:
Width = 2359mm
Depth = 1237mm

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

MADE IN GREAT BRITAIN

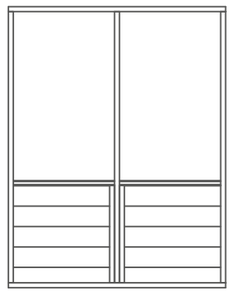


1



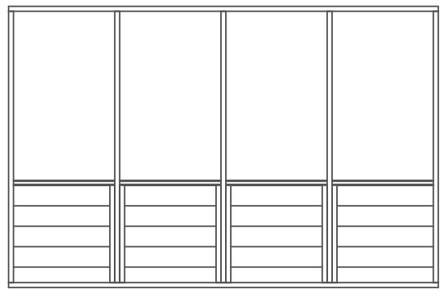
Door Side Panel
AI-04GREENDS610X1546-V2

2



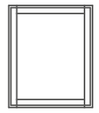
Back Side Panel
AI-04GREENWS1193X1543-V2

3



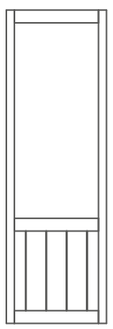
Window Side Panel
AI-04GREENWS2359X1543-V2

4



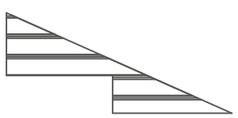
Window
AI-04GREENOW560X460-V1

5



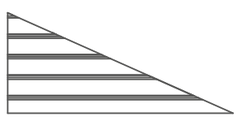
Door
AI-04GREENDOOR550X1720-V2

6



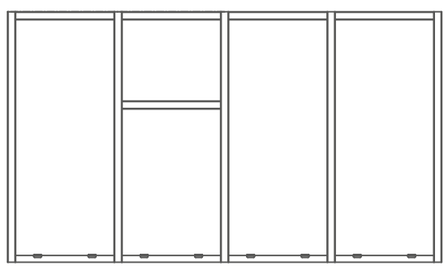
Door Gable Top
AI-04GREENLEAN0804-V1DGT

7



Plain Gable Top
AI-04GREENLEAN0804-V1PGT

8



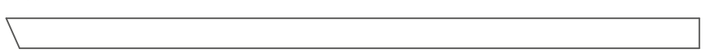
Roof
AI-04GREENLEAN0804-V1R

9



Roof Strip -12x53x1192mm QTY 2
S1253-1192mm

10



Fascia -12x60x1387mm QTY 2
S1260-1387mm (Angled)

11



Door Strip -12x27x1750mm
S1227-1750mm

12



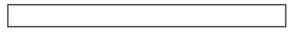
Ridge Bar - 27x44x2247mm
F2744-2247mm

13



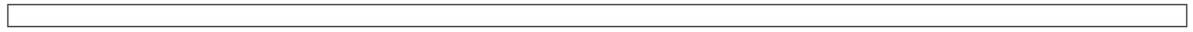
Door Frame - 27x44x2094mm
F2744-2114mm (Angled)

14



Door/Window Frame - 27x44x556mm QTY 2
F2744-556mm

15



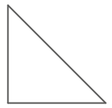
Base Frame - 44x44x2359mm
F4444-2359mm

16



Base Frame - 44x44x1193mm QTY 2
F4444-1193mm

17



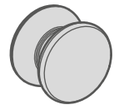
Ply Trangle
Ply Triangle

18



Butt Hinge QTY 4
PI-07-0066

19



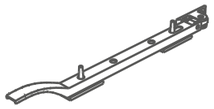
Door Knob
PI-04-0024

20



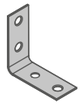
Turn Button QTY 2
PI-07-0034

21



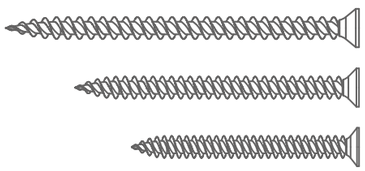
Casement Stay
PI-07-0007

22

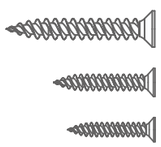


"L" Bracket QTY 2
PI-07-0012

Nail Bag



70mm Screws - 6
50mm Screws - 33
40mm Screws - 33



30mm Screws - 25
20mm Screws - 25
16mm Screws - 8

****Please note: Due to variations in house construction methods and materials, *NO* fixings are included with this product. If you are unsure to which fixings you require we recommend that you consult with your local builders merchants or DIY store.****

Step 1

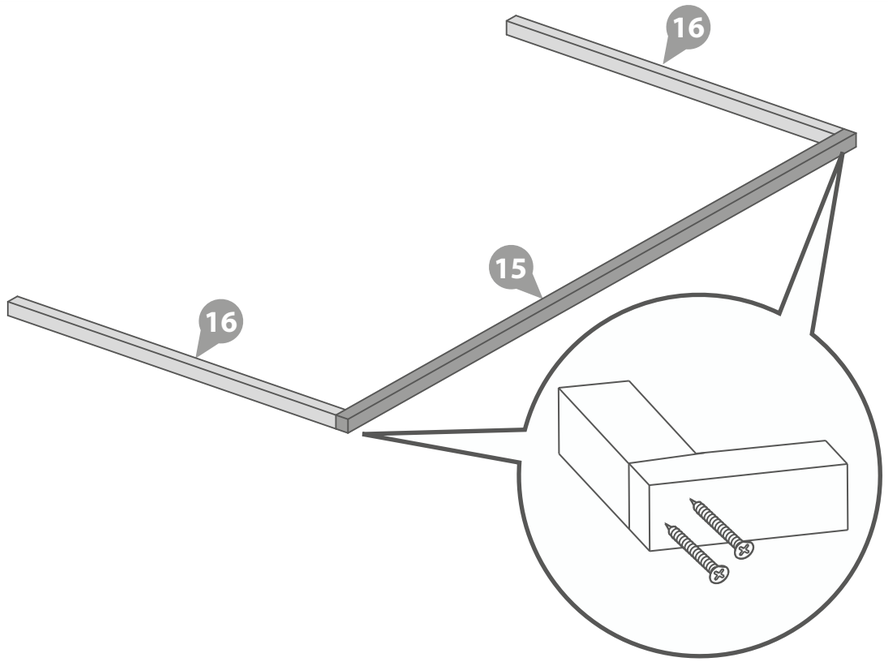
Arrange the base frame(*s*) (***No's. 15 & 16***) onto your base as shown in the illustration.

Ensure your base is square and layed onto a firm and level surface that has suitable drainage and is free from areas where standing water can collect.

4x70mm screws.

Pre drill hole

70mm screw



Step 2: Plain Gable Assembly

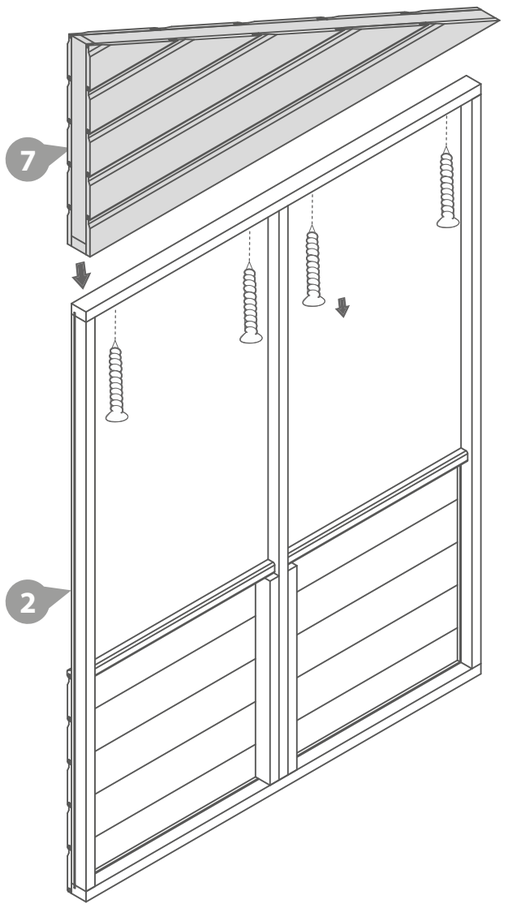
Place the plain gable top (***No. 7***) onto the back side panel (***No. 2***) and secure from underneath through the framing as shown in the illustration using 4x50mm screws.

***Ensure the framing is flush on the flat edge.**

4x50mm screws.

Pre drill hole

50mm screw



Step 3: Door Gable Assembly

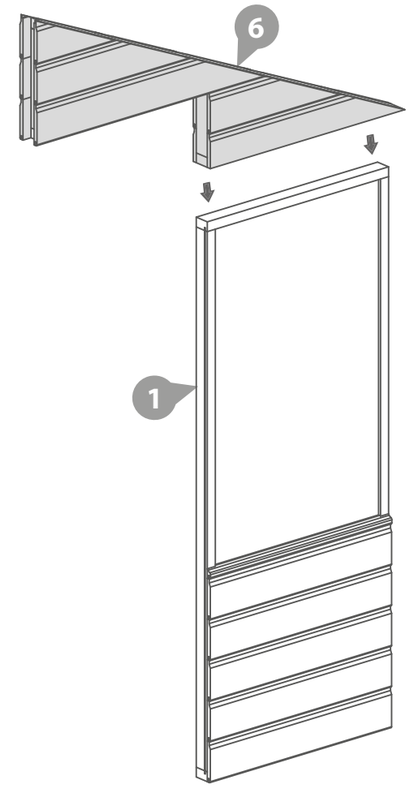
Following the same method outlined in **Step 2**, place the door gable top (***No. 6***) onto the door side panel (***No. 1***) and secure from underneath through the framing using 2x50mm screws.

***Ensure the framing is flush on the flat edge.**

2x50mm screws.

Pre drill hole

50mm screw



Step 4: Door Gable Assembly

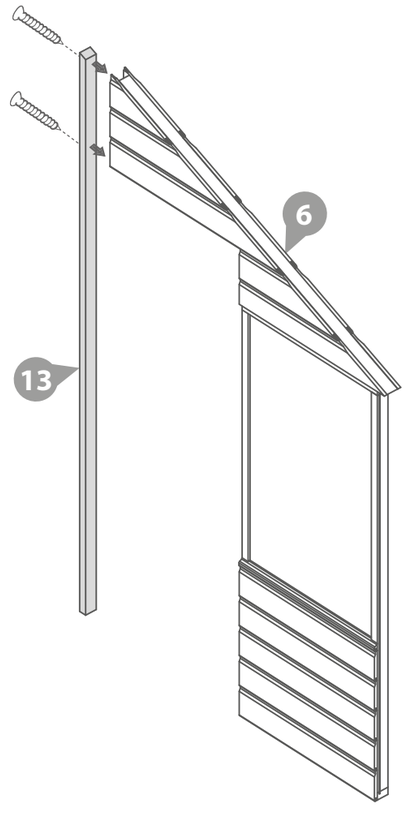
Attach the door frame (***No. 13***) to the door gable assembly, fixing the frame into the overhanging boards on the door gable top (***No. 6***) using 2x50mm screws.

***Ensure to screw into the framing on the door gable top.**

2x50mm screws.

Pre drill hole

50mm screw

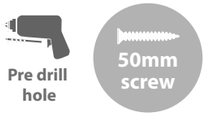


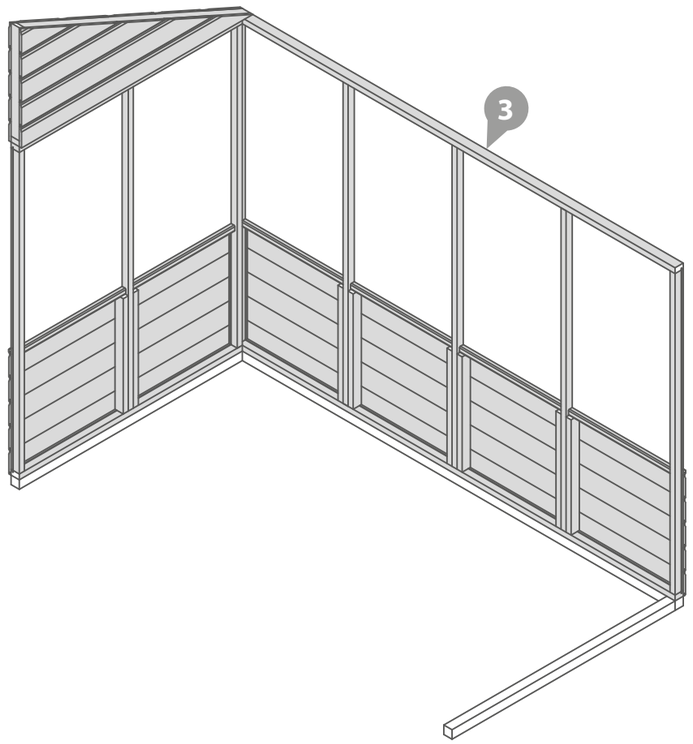
Step 5

Place the assembled plain gable and window side panel (***No. 3***) onto the base frame(*s*) and fix at the corners using 3x50mm screws.

Secure the panels to the base using 12x50mm screws, screwing through the panels into the base frame(*s*)

15x50mm screws.





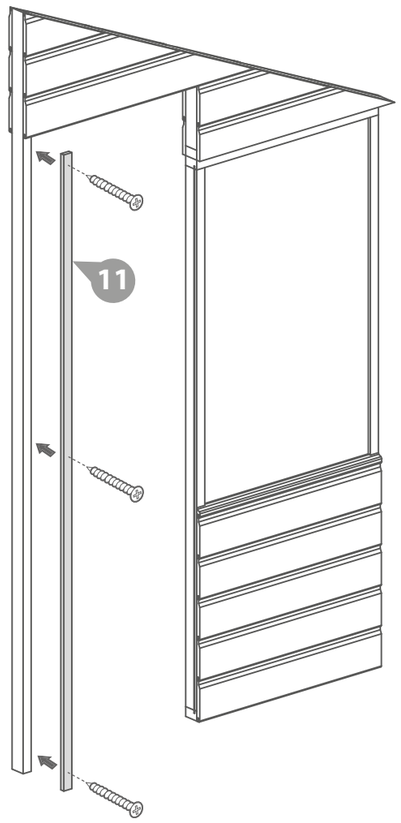
Step 6

Fix the door strip (***No. 11***) onto the door frame (***No. 13***) using 3x30mm screws as shown in the illustration.

***Ensure the strip is flush to the inside of the door aperture.**

3x30mm screws.



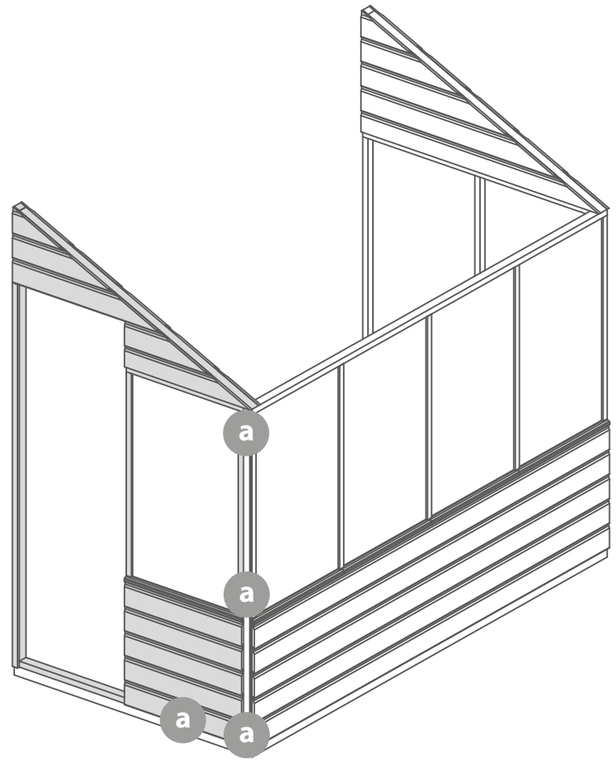


Step 7

Following the same method outlined in **Step 5** attach the assembled door gable onto the building using 7x50mm screws.

7x50mm screws.





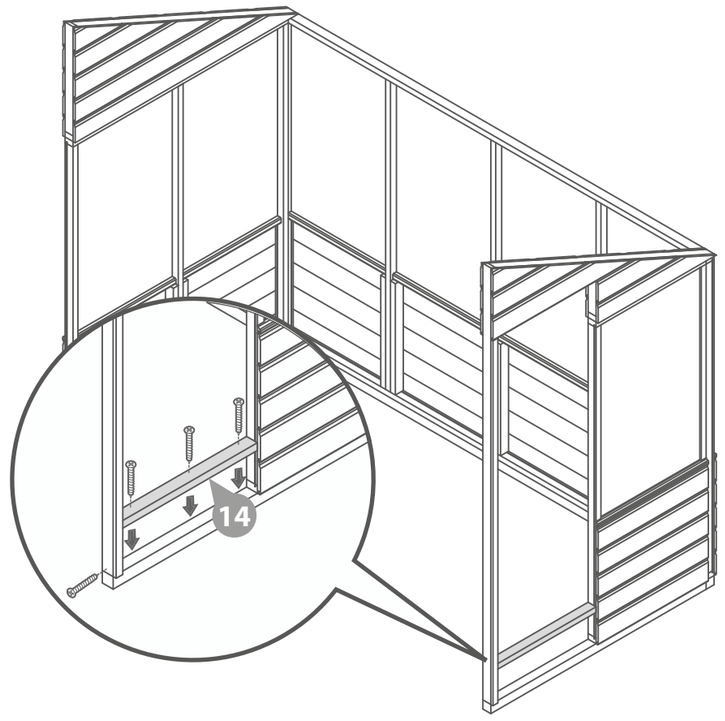
Step 8

Place a door/window frame (***No. 14***) into the door aperture against the door side panel (***No. 1***) and secure to the base frame using 3x40mm screws.

Once in place secure the door frame (***No. 13***) to the door/window framing using1x50mm screw as shown in the illustration.

3x40mm screws
1x50mm screw





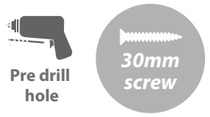
Step 9

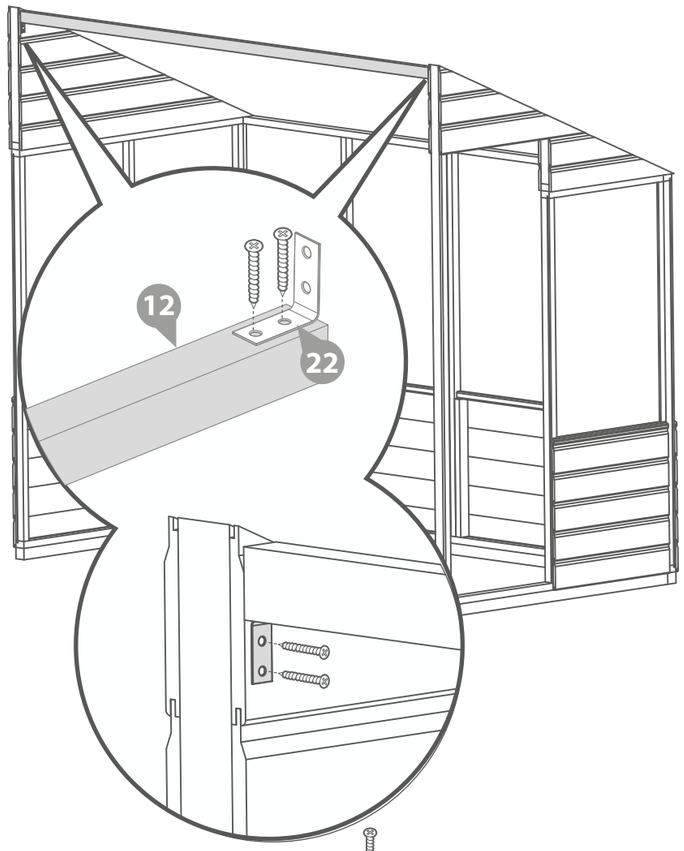
Attach the "L" brackets (***No. 22***) to either end of the ridge bar (***No. 12***) using 4x30mm screws.

*Ensure the "L" brackets are flush with each end of the ridge bar.

Secure the ridge bar between the gables (**internally**) and secure in place using 4x30mm screws, making sure the framing aligns with the pitch of the gables.

8x30mm screws



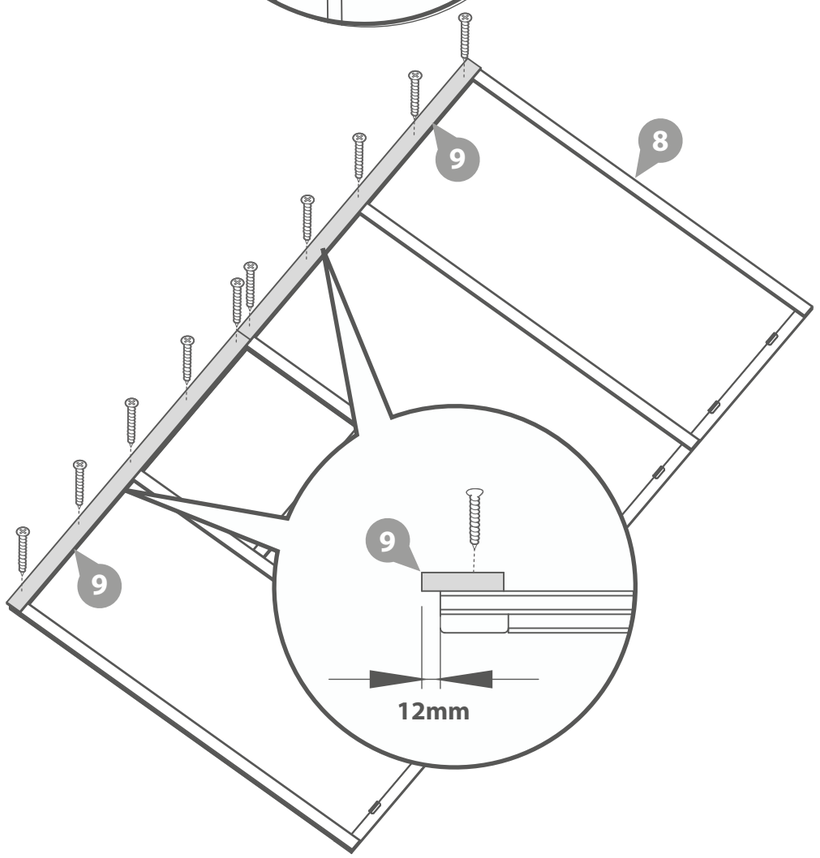


Step 10

Fix the roof strips (***No. 9***) to the top of the roof (***No. 8***) using 20mm screws, making sure that the strip overhangs the roof by 12mm as shown in the illustration.

10x20mm screws

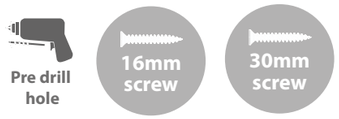


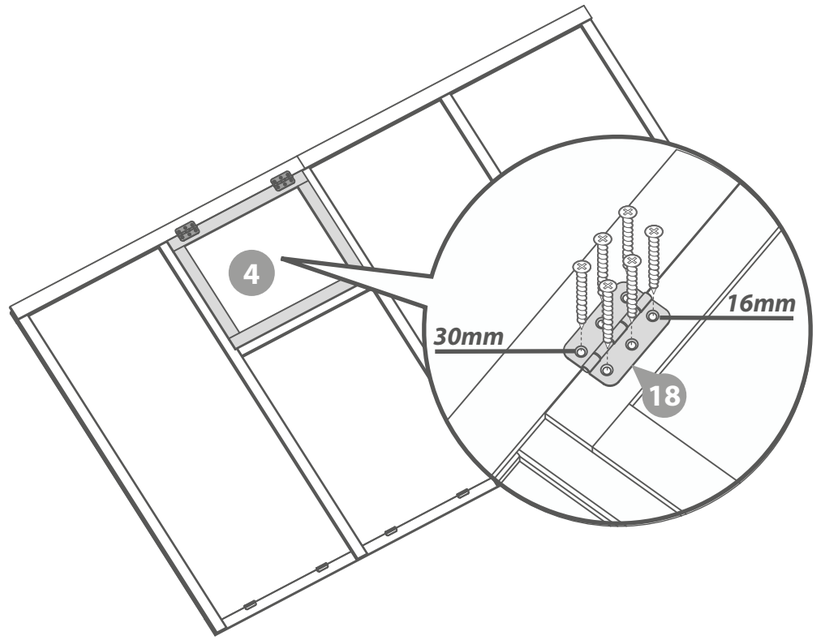


Step 11

Place the window (***No. 4***) into the gap in the roof (***No. 8***) and secure into position with 2x butt hinges (***No. 18***) using 6x16mm screws on the window side and 6x30mm screws on the roof strip.

6x16mm screws
6x30mm screws



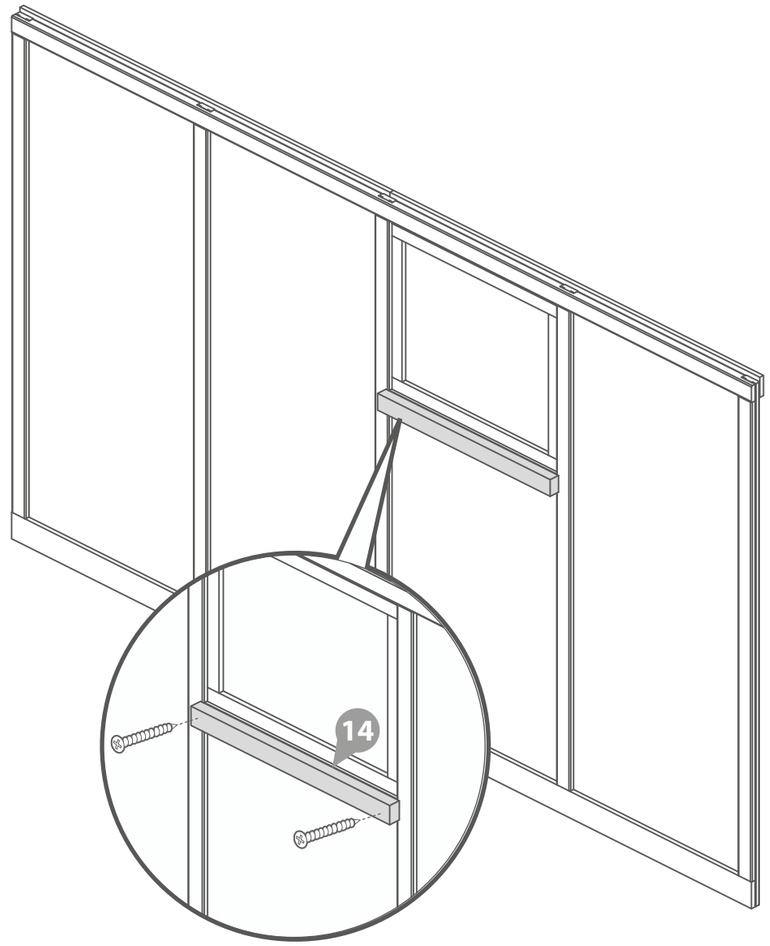


Step 12

Secure the remaining door/window frame (***No. 14***) to the reverse of the of the roof (*centrally between the window gap*) and screw into position using 2x40mm screws.

2x40mm screws



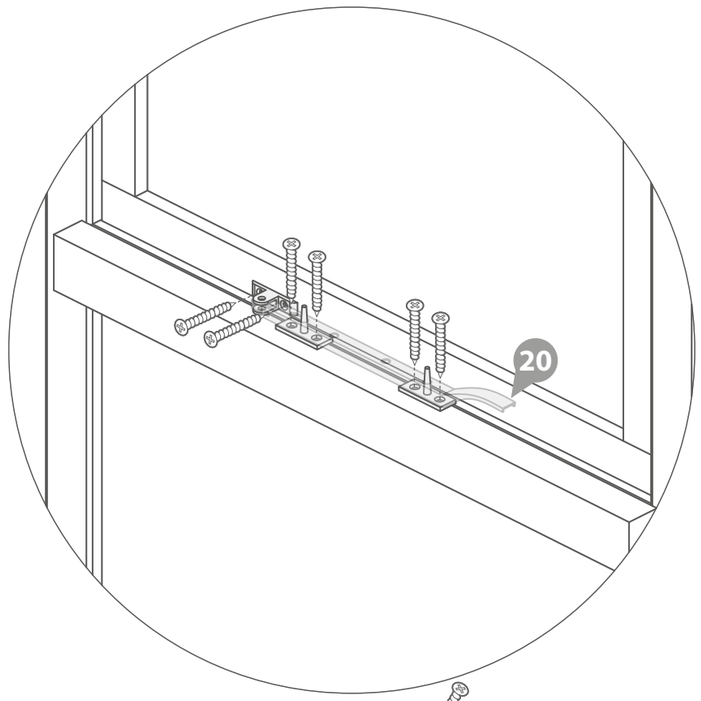


Step 13

Fix the casement stay (**No. 21**) to the back of the opening window and the pins to door/window frame as shown in the illustration using 6x20mm screws.

6x20mm screws





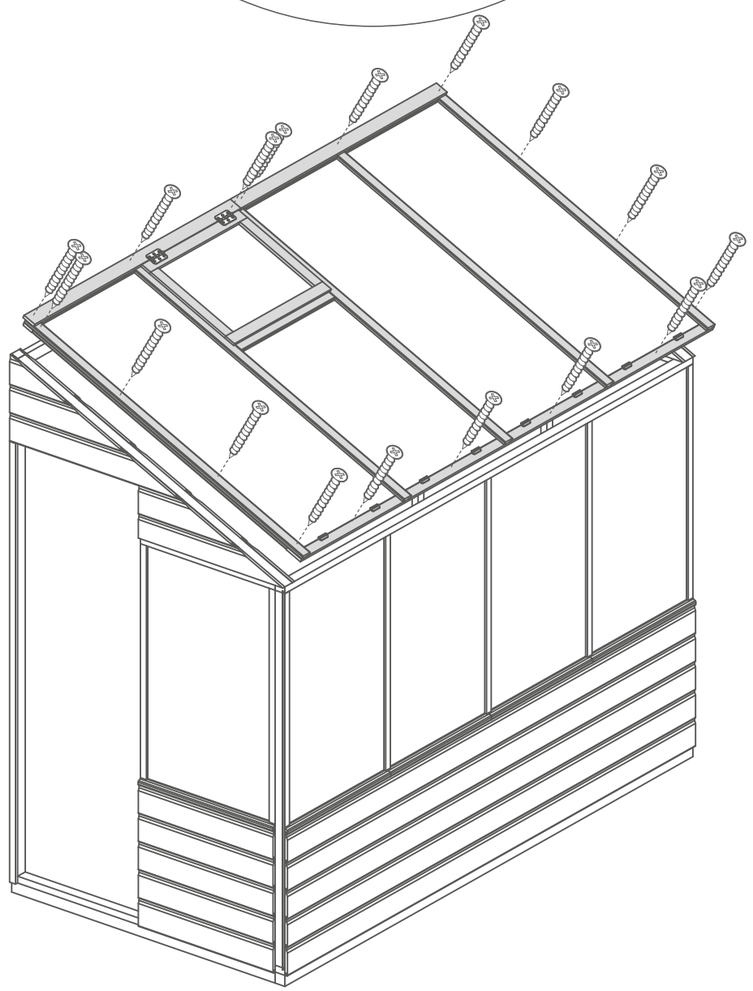
Step 14

Place the roof onto the building making sure the back edge of the roof sits flush against the back of the gable. Once in position secure the roof to the building using 18x40mm screws.

***Ensure to screw through the roof into the framing below.**

18x40mm screws





Step 15

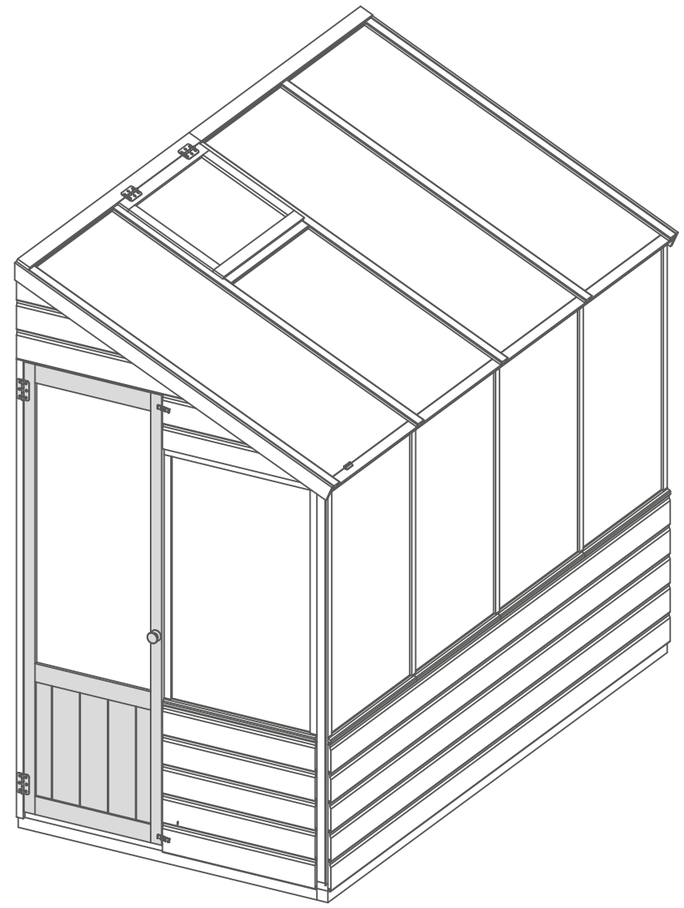
a. Rest the door (No. 5) into the aperture (*in the door gable*) and secure to the building with 2x butt hinges (**No. 18**) using 6x20mm (*on the door*) and 6x30mm screws (*on the door frame*) as shown in the illustration.

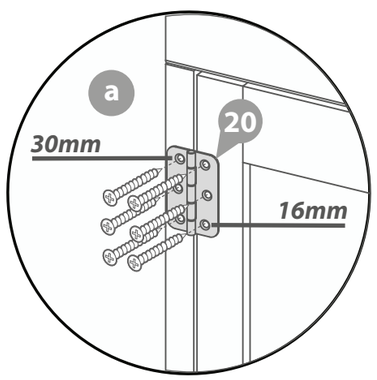
b. Attach the turn buttons (**No. 20**) to the top and bottom of the assembled door gable using 1x30mm screw per turn button.

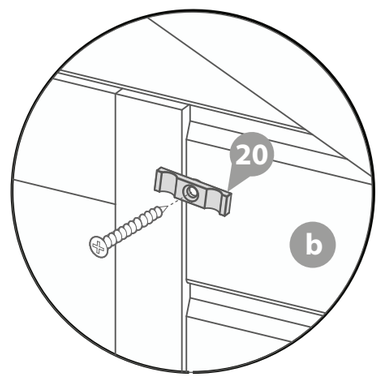
c. Screw the door handle (***No. 19***) into the front of the door - *it is advisable to pre drill to avoid splitting the door.*

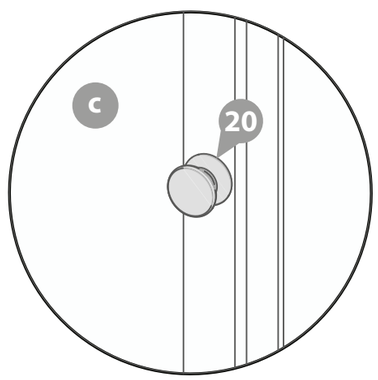
6x20mm screws
8x30mm screws











Step 16

Attach the fascia's (***No. 10***) to the top of the building, securing into position using 4x40mm screws per fascia.

8x40mm screws



