General Instructions

01GRODB1008-V3

10x8 Groundsman Dutch Barn

BEFORE YOU START PLEASE READ INSTRUCTIONS CAREFULLY

- Check the pack and make sure you have all the parts listed.
- When you are ready to start, make sure you have the right tools at hand (not supplied) including a Phillips screwdriver, Stanley knife, wood saw, step ladder 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 instruction pages for your 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.

****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 sulphosuccinate 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

01GRODB1008-V3

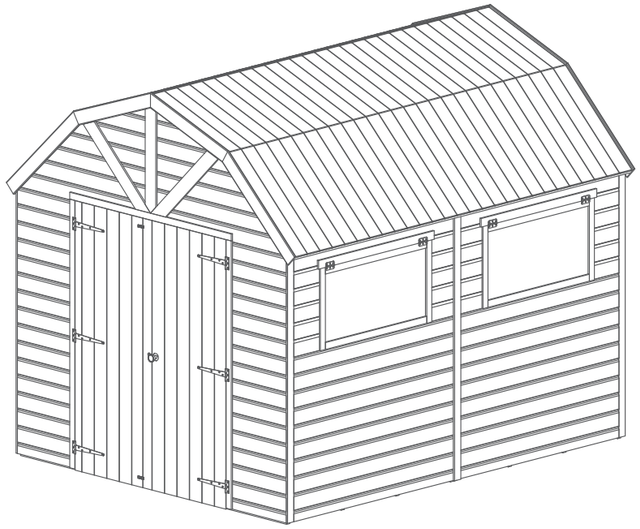
Please retain product label and instructions for future reference

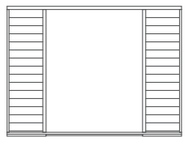
Overall Dimensions:
Length = 3055mm
Width = 2583mm
Height = 2588mm

Base Dimensions:
Length = 2998mm
Width = 2388mm

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

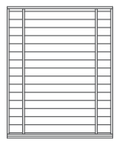
MADE IN GREAT BRITAIN

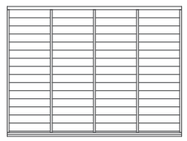


1

Door Panel
01GRODBDP2413X1796-V1

2

Window Panel
01GRODBWS1459X1816-V1
QTY 2

3

Plain Panel
01GRODBPS1459X1816-V1
QTY 2

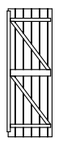
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Back Panel
01GRODBBPP2413X1796-V1

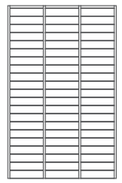
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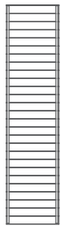
Gable Top
01GRODBPGT2418X810-V1
QTY 2

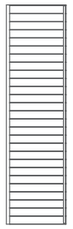
6

Master Door
01MBMD1770X743-V1

7

Slave Door
01MBSD1770X607-V1

8

Floor
01TAGF2388X1499-V1
QTY 2

9

Sml Roof
01GRODB1008-V3SR
QTY 2

10

Lrg Roof
01GRODB1008-V3LR
QTY 2

11

Window
01OW-V1
QTY 2

12

Gable Strip - 12x121x2300mm QTY 2
WB-2300mm

13

Cover Strip - 12x56x1765mm QTY 6
S1256-1765mm

14

Door Strip - 12x45x1764mm QTY 2
S1245-1764mm

15

Door Strip - 12x45x1449mm
S1245-1449mm

16

Window Strip - 12x56x1037mm
S1256-1037mm

17

Barge Board - 12x95x691mm
S1295-691mm

18

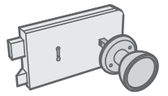
Barge Board - 12x95x760mm QTY 2
S1295-760mm

19

Fascia Board - 12x95x835mm QTY 4
S1295-835mm

20

Fascia Board - 12x95x739mm
S1295-739mm QTY 4

21

Rim Lock
PI-07-0019

22

Butt Hinge QTY 6
PI-07-0066

23

Barrel Bolt QTY 2
PI-07-0068

24

Turn Button QTY 2
PI-07-0034

25

T-hinge QTY 6
PI-07-0021

26

Casement Stay QTY 2
PI-07-0007

Nail Bag


60mm Screw x18


50mm Screw x64


40mm Screw x38


30mm Screw x108


30mm Black Screw x16

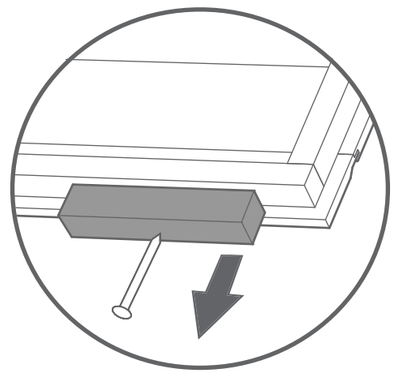

20mm Screw x22


16mm Screws x14


Felt Tacks x190

Pre Assembly

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

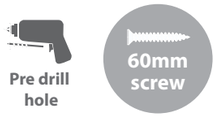


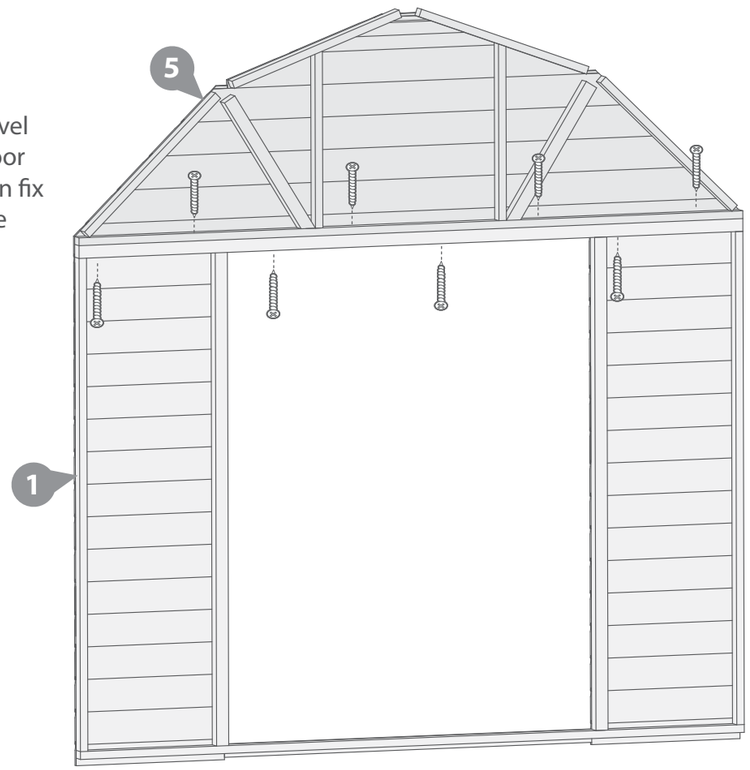
01GRODB1008-V3

Step 1

Lay the Door Panel and Gable Top on a level floor place the gable top on top of the door panel ensure they are level at the top then fix together using 60mm screws. Stagger the screws so they do not collide.

8x60mm Screws

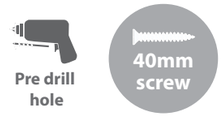




Step 2

Line a Gable Strip up to the assembled gable ensuring the bottom of the strip lines up with the underneath of the door panel framing as shown in the illustration and fix in place using 40mm screws.

6x40mm Screws

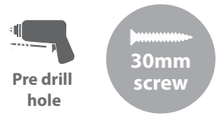


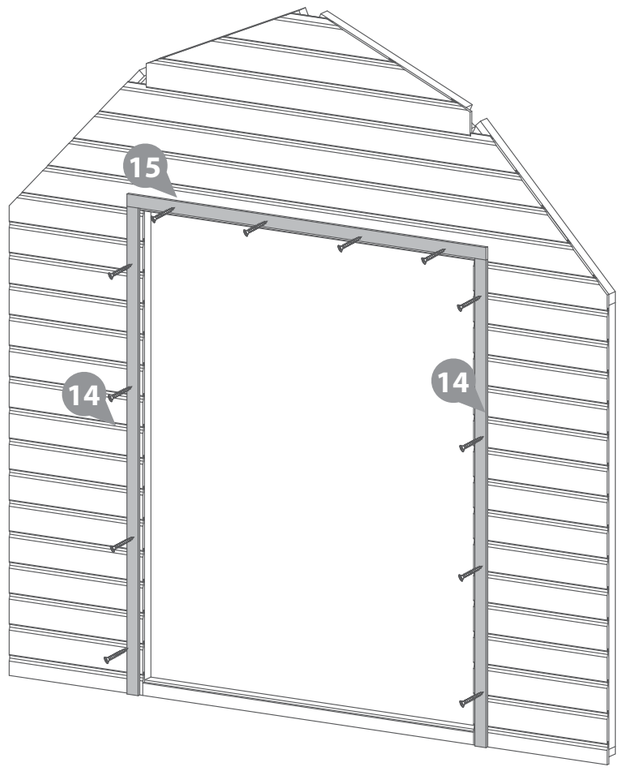


Step 3

Fix the door strips onto the front gable using 4x30mm screws for each strip

12x30mm Screws

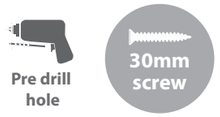


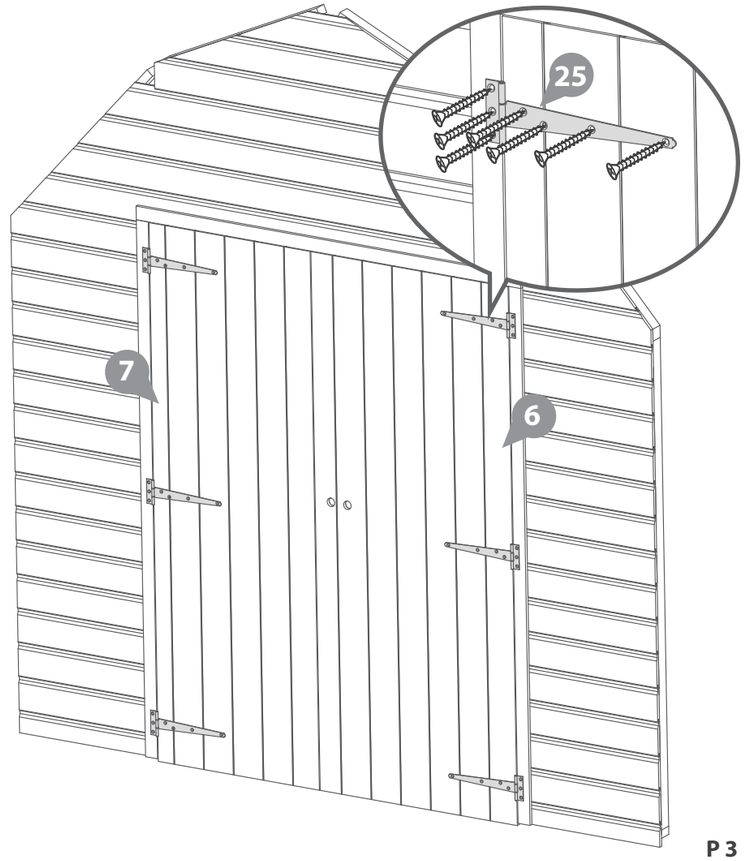


Step 4

Fix the T Hinges onto the doors and door frame as shown above. Ensure that each hinge is 720mm apart and that there is a 1 70mm gap from the top of the door and the middle screw of the T Hinge.

42x30mm Screws



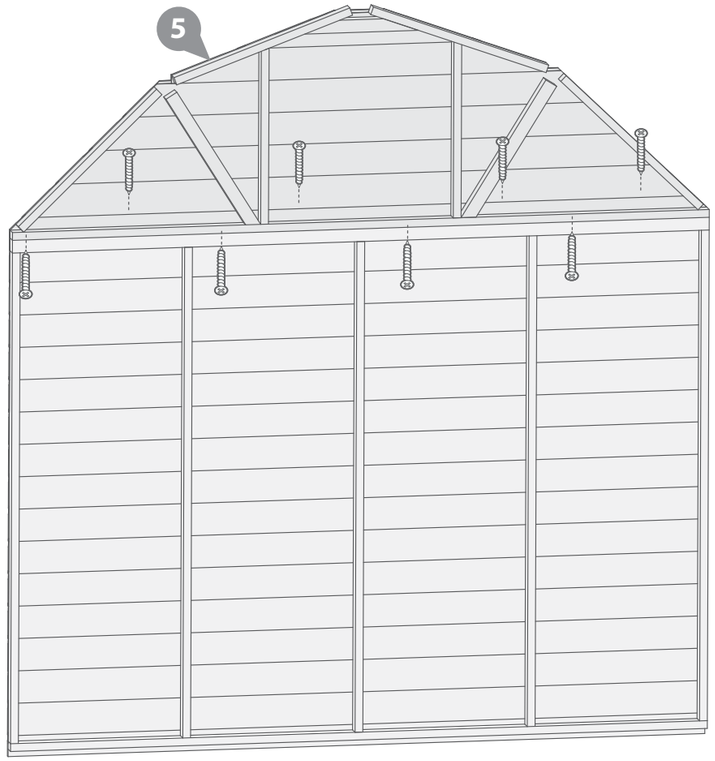


Step 5

Lay the plain back panel and the remaining gable top on a level floor place the gable top on top of the plain back panel ensure they are level at the top then fix together using 60mm screws. Stagger the screws so they do not collide.

8x60mm Screws



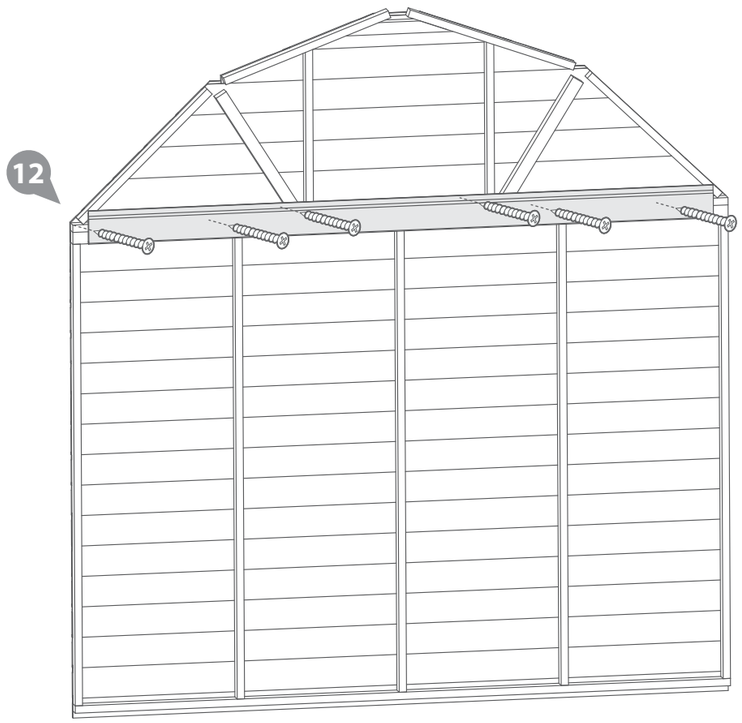


Step 6

Line the remaining Gable Strip up to the assembled gable. Ensure the bottom of the strip lines up with the underneath of the plain back panel framing as shown in the illustration and fix in place using 40mm screws.

6x40mm Screws





Step 7

Place the cover strip 13mm above the gap in the window panel and fix into place using 3x30mm screws.

Measure and trim the strip before fitting.

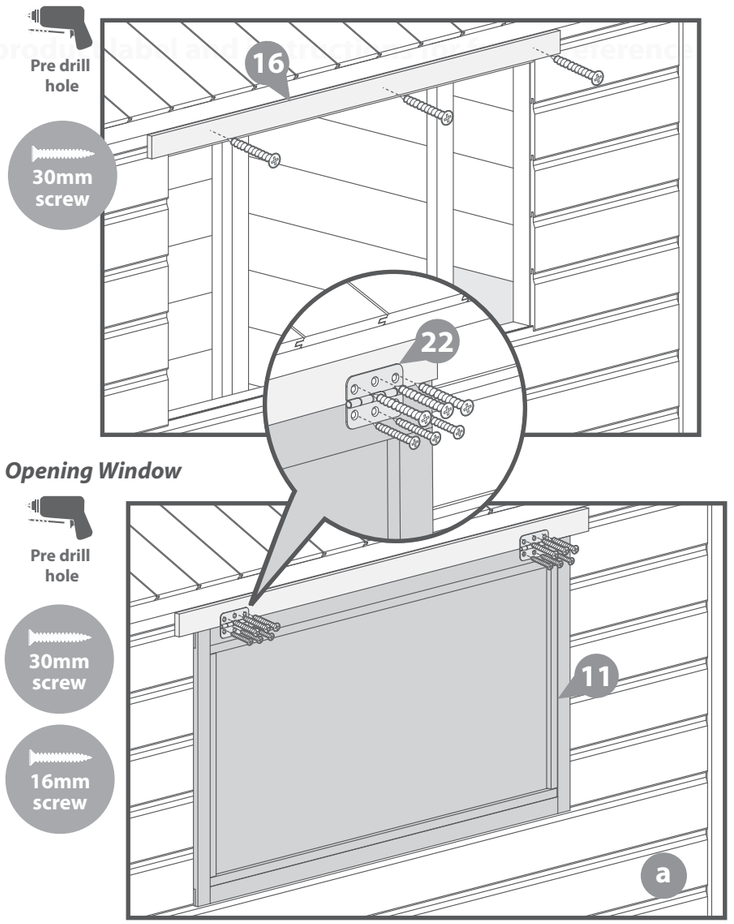
6x30mm Screws

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

12x16mm Screws
12x30mm Screws

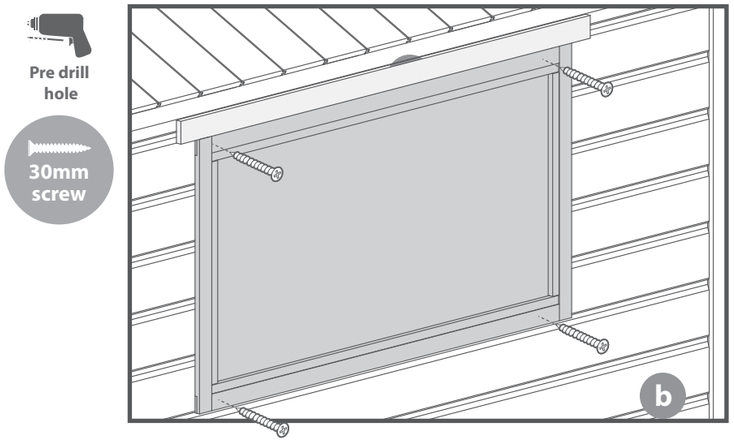
b If you would like the window to be fixed, secure the window into the gap using 4x30mm screws. Ensure to screw through the window into the panel framing.

8x30mm Screws



Opening Window

Fixed Window



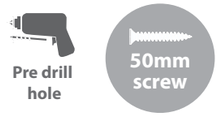
Step 8

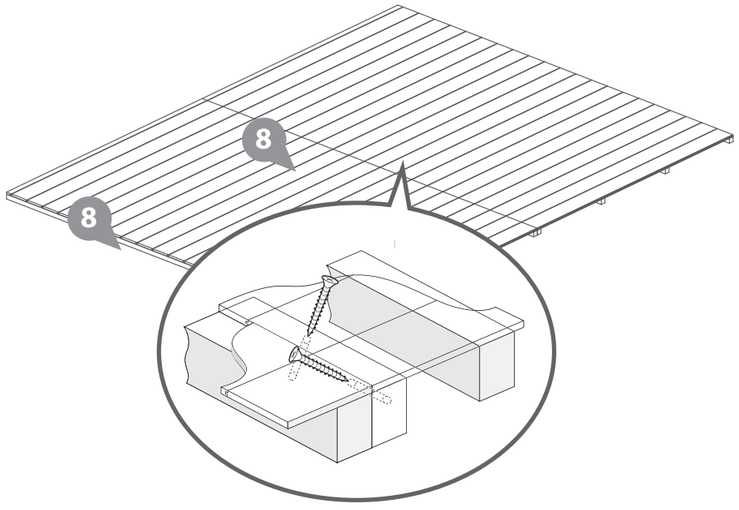
Place floors on a firm and level base, ensure base has suitable drainage free from areas where standing water can collect. (***see front page on base requirements***).

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

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

8x50mm Screws





Step 9

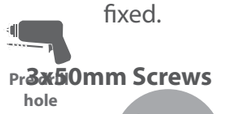
Place the assembled plain gable and first plain side onto the floor and fix in place.

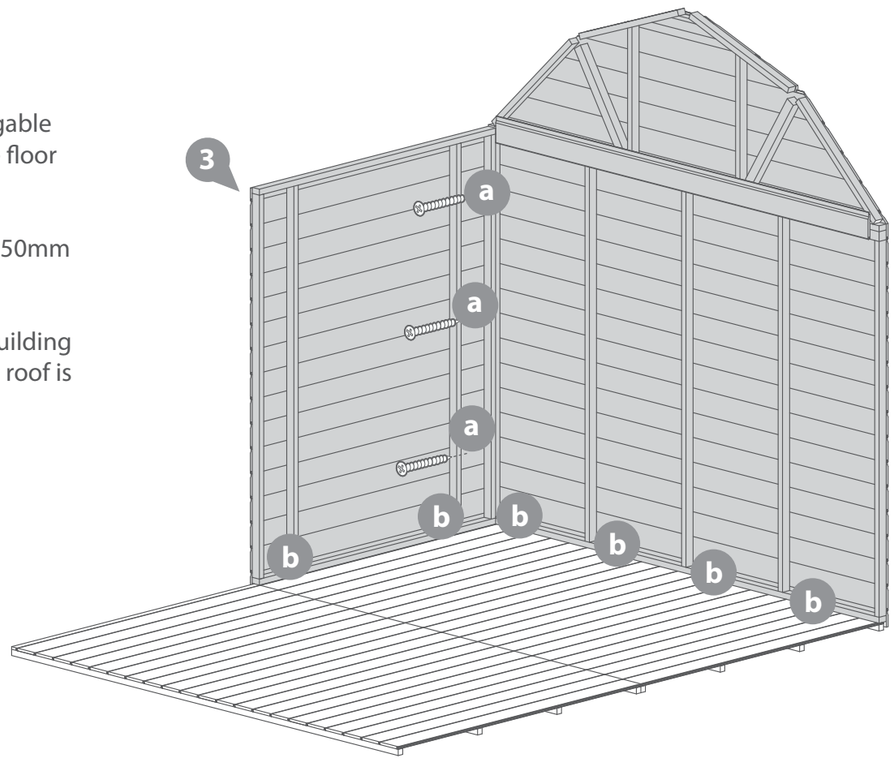
a

b Fix the corners with 50mm screws.

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

3x50mm Screws





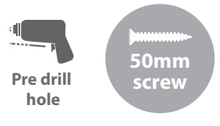
Step 10

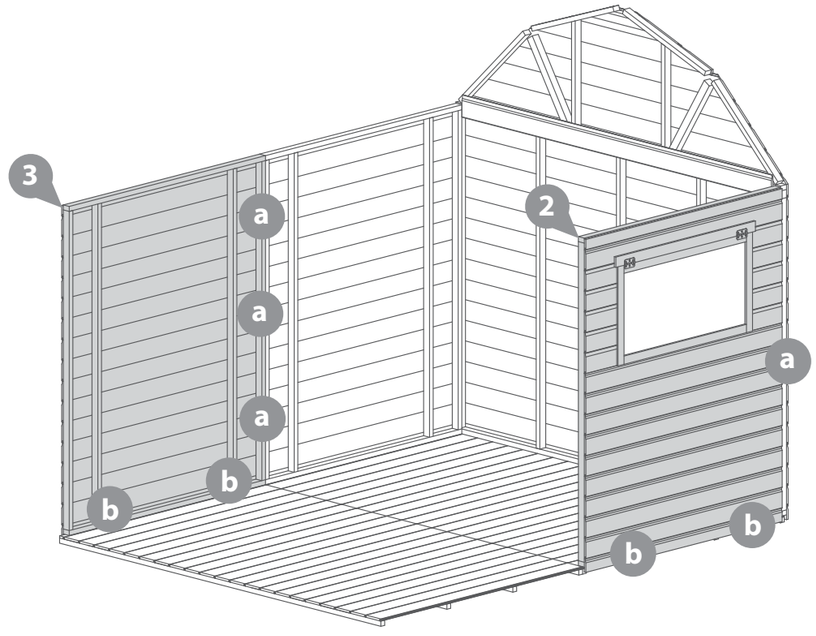
Following the same method outlined in step 9, attach the next plain side & the window side onto the assembly.

a Fix the panels with 50mm screws.

b Do not secure the building to the floor until the roof is fixed.

6x50mm Screws





Step 11

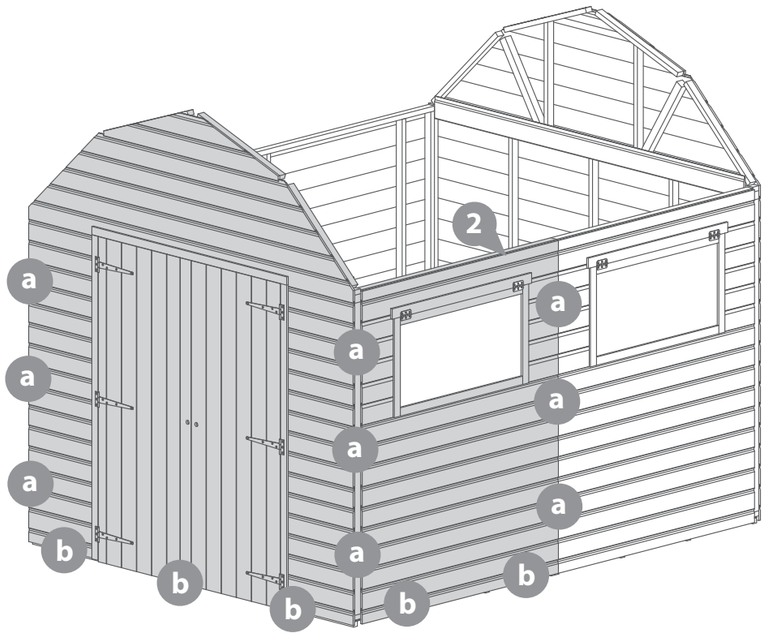
Following the same method outlined in step 9, attach the door gable & the remaining window side onto the assembly.

a Fix the panels with 50mm screws.

b Do not secure the building to the floor until the roof is fixed.

9x50mm Screws





Step 12

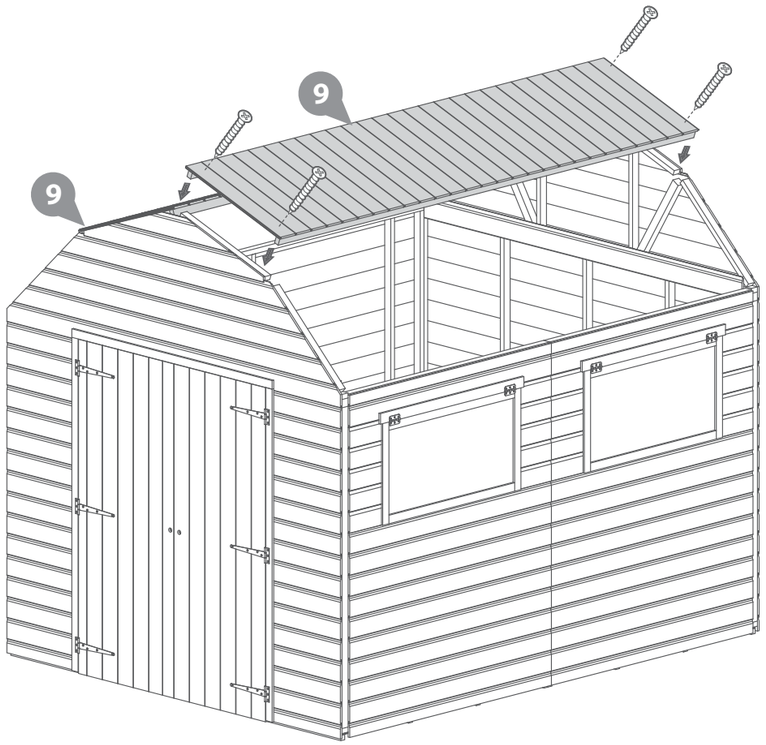
Place the sml roofs onto the gables as shown in the illustration.

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

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

8x30mm Screws





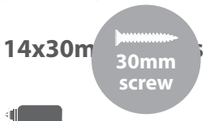
Step 13

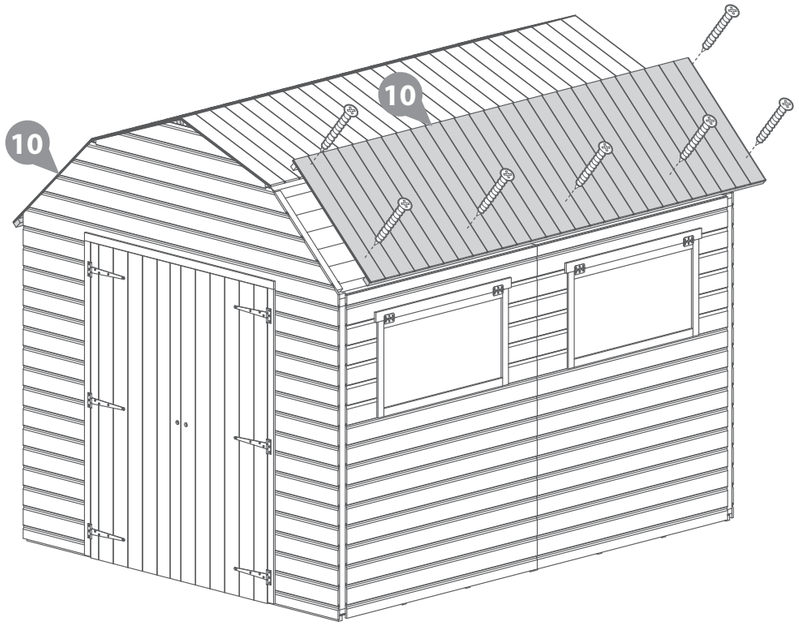
Place the lrg roofs onto the gables as shown in the illustration.

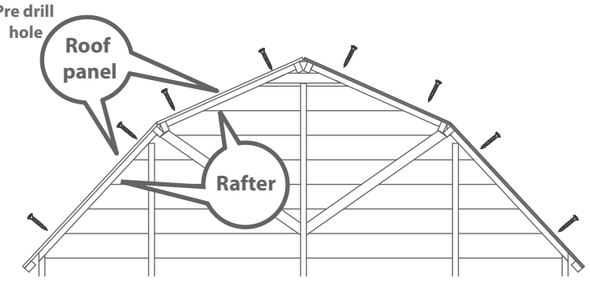
Ensure the roof framing sits into the cut out sections and rest on the framing.

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

14x30m





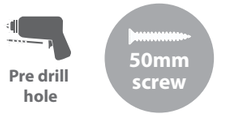


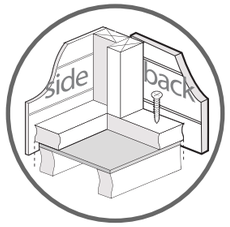
Step 14

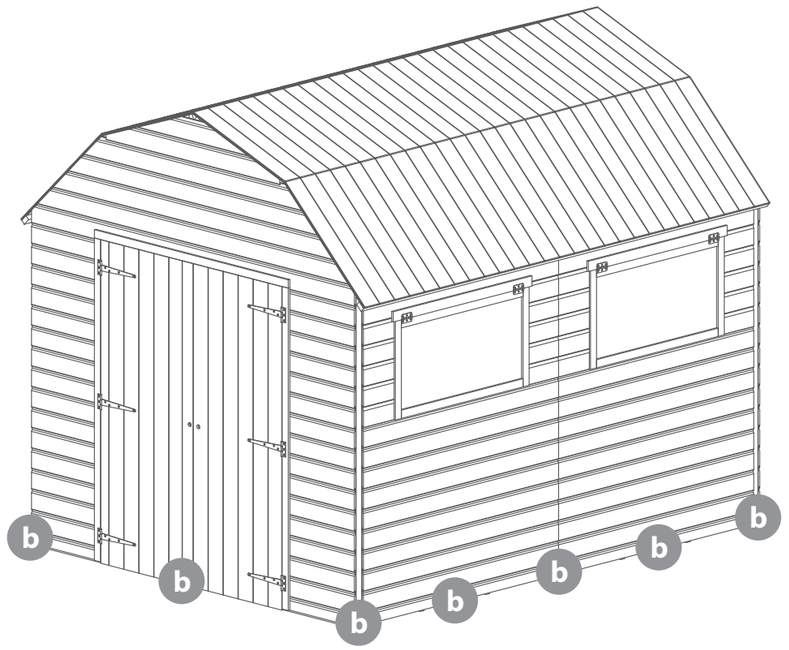
b

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

36x50mm Screws







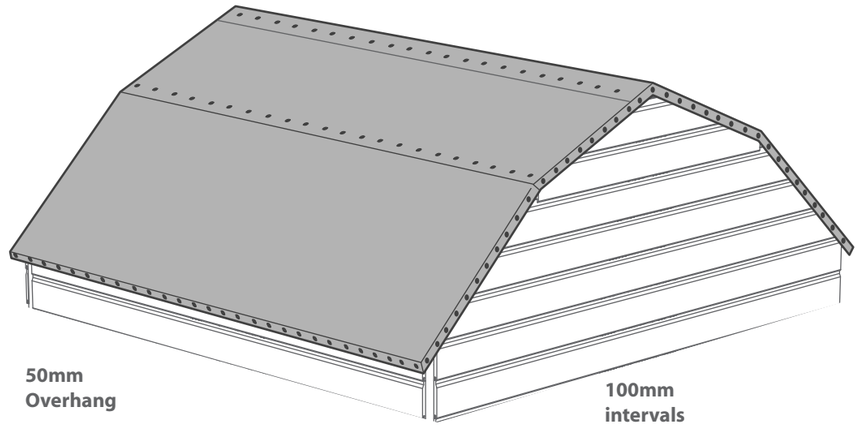
Step 15

Cut the felt into 4 sheets & lay onto the roof as shown in the illustration below, ensuring there is approximately 50mm of overhang around the building.

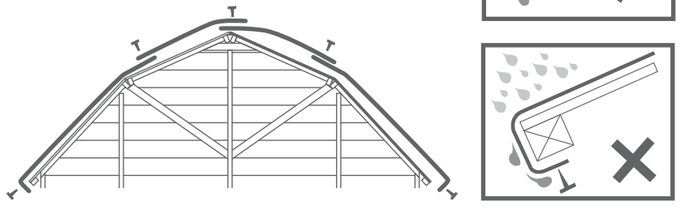
Secure the felt into place using 190x felt tacks at 100mm intervals.

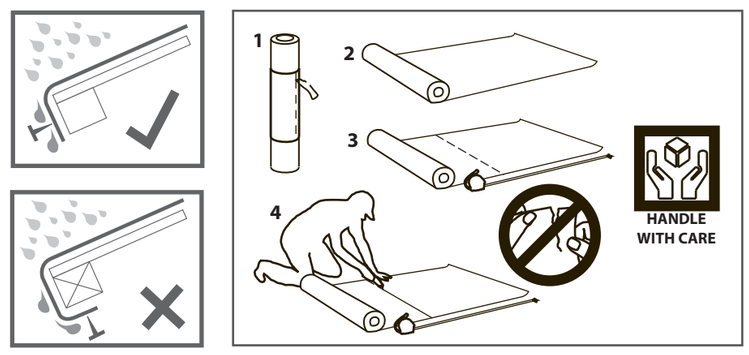
190x Felt tacks





Felt size: 3155mm



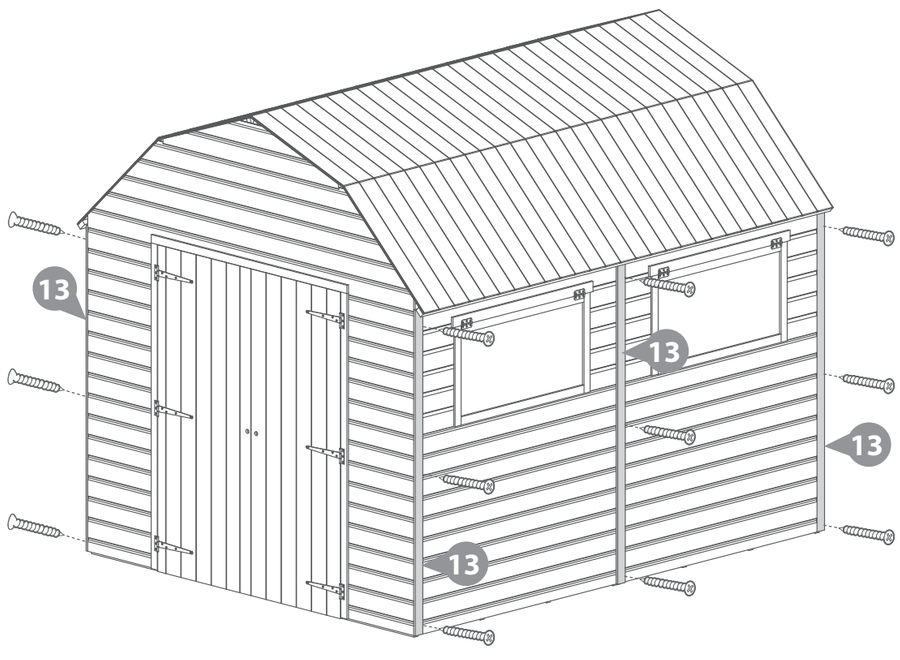


Step 16

Fix the cover trims around the building (***as shown in the illustration***) securing each trim into place using 3x30mm screws.

12x30mm Screws



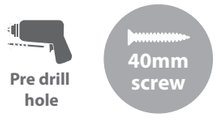


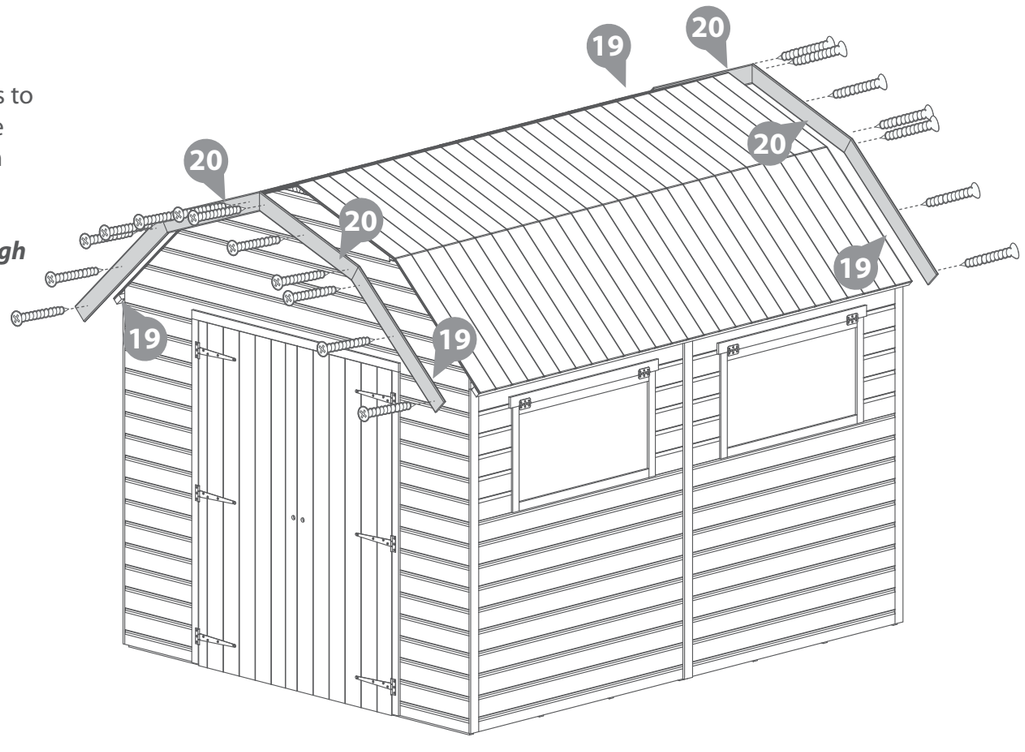
Step 17

Attach the fascia boards to the front and rear of the building using 3x40mm screws per fascia.

Ensure to screw through the boards into the framing.

24x40mm Screws

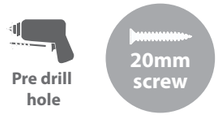


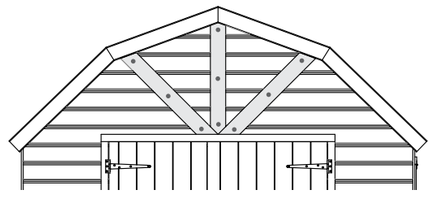


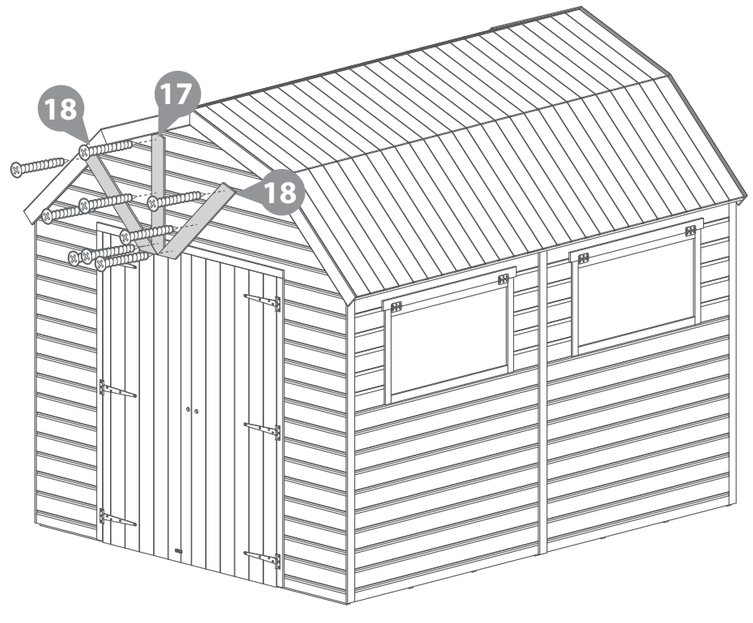
Step 18

Fix the barge boards to the front of the building using 3x20mm screws per board.

9x20mm Screws





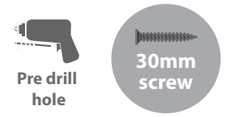


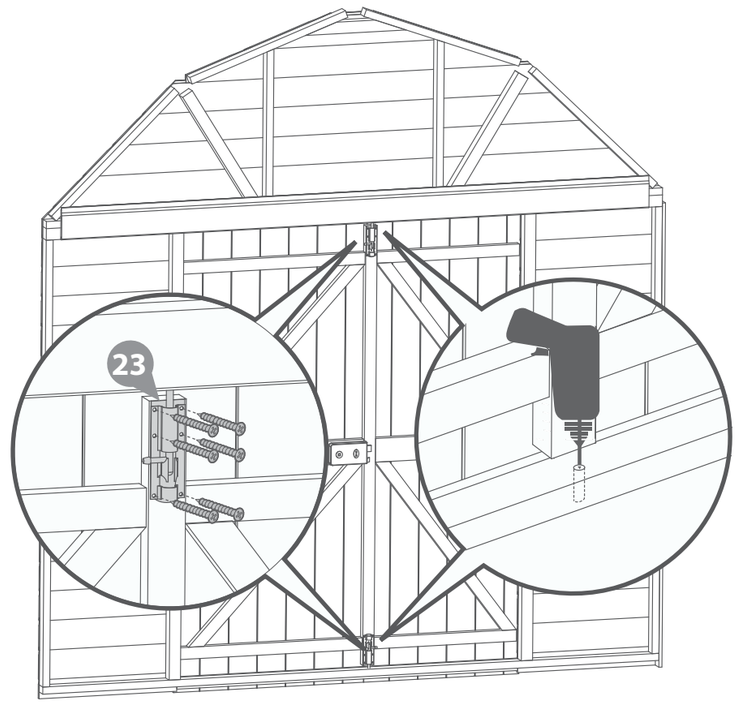
Step 19

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

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

12x30mm Black Screws





Step 20

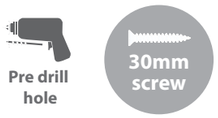
Rim lock fixing

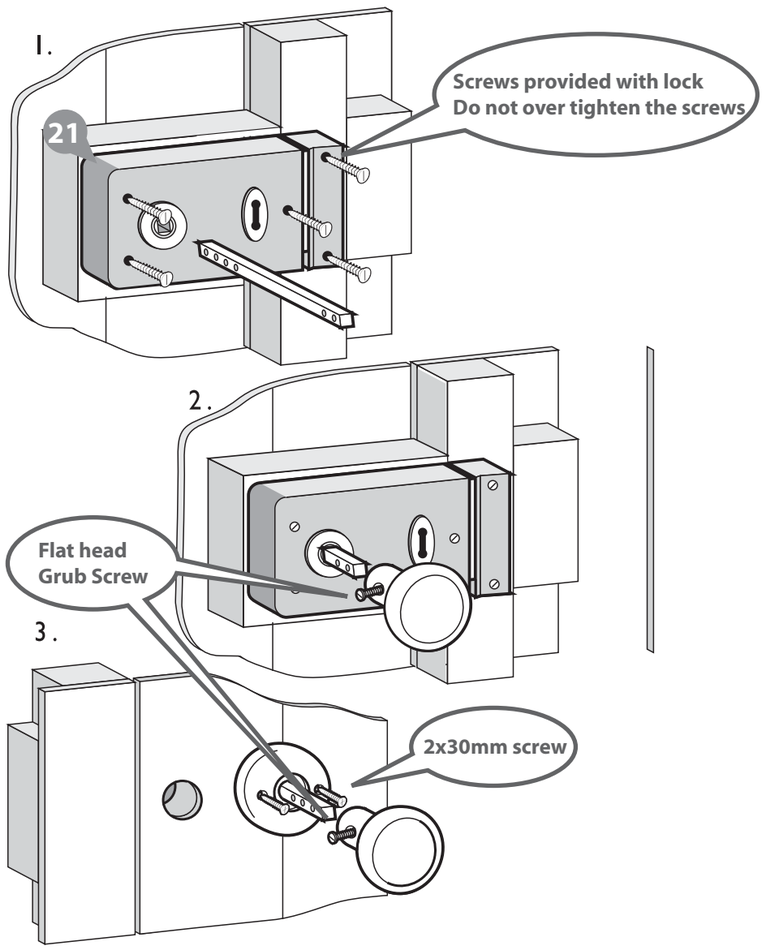
Fig 1. (internal view)
Place the lock onto internal horizontal framing ensure alignment with the pre drilled holes before fixing. Align Lock keep with lock and fix with screws provided.
Do not over tighten the screws, otherwise the locking mechanism will not work.

Fig 2.
Place door handle bar through the lock as in diagram, fix door handle onto bar with the flat headed grub screw.

Fig 3. (External view)
Fir the door handle cover over the bar and fix with 2x30mm screws provided. Fix the door handle onto bar with the flat headed grub screw as in diagram.

2x30mm Screws





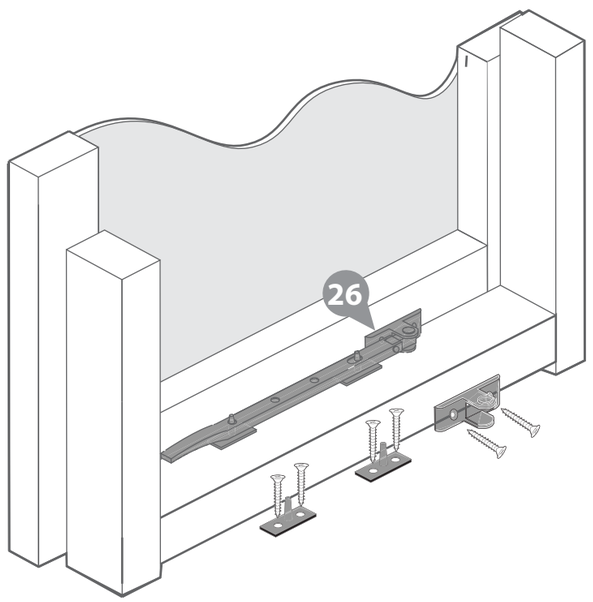
Step 21

Fix the casement say to the window then align the fixings to the window panel.

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

12x20mm Screws



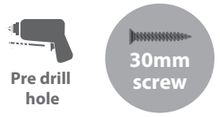


Step 22

Attach the turn buttons to the top and bottom of the slave door using 1x30mm black screw per turn button.

Ensuring the turn buttons catch the master door.

2x30mm Black Screws



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

