

0628POPA0603FGDD3TW-V2
 28MM LOG CABIN, PENT WITH OUTDOOR PATIO AREA, 6M X 3M, FULLY GLAZED DOUBLE DOOR, THREE TALL WINDOWS.

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.

BUILDING A BASE

When thinking about where the building and base are going to be constructed: Ensure that there will be access (60cm) 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 your specific product code



All buildings 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.



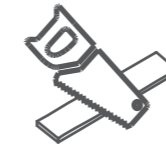
CAUTION
 Every effort has been made during the manufacturing process to eliminate the prospect of splinters on rough surfaces of the timber. You are strongly advised to wear gloves when working with or handling rough sawn timber.



For ease of assembly use a rubber mallet to fit the log boards. Do **NOT** use a heavy hammer.



Ensure to measure and check before cutting boards.



It is advisable to use a hand saw when cutting roof and floor boards.



To ensure log boards are even, use a spirit level to check each layer has been installed correctly.

Screws & Nails



Bolts



To identify the fixings required for each step use a measuring tape.

For assistance please contact customer care on: 01636 821215

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www.merciagardenproducts.co.uk



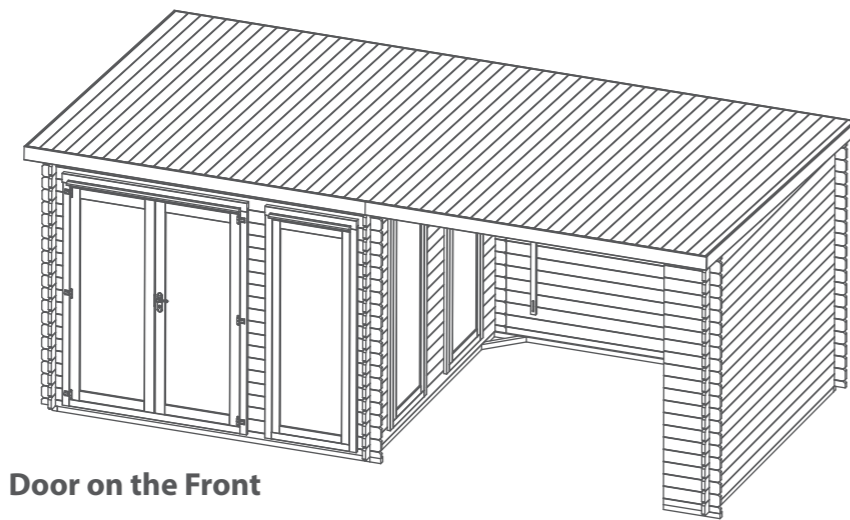
Overall Dimensions:
 Width = 6024mm
 Depth = 3326mm
 Height = 2491mm

Base Dimensions:
 Width = 5896mm
 Depth = 2804mm

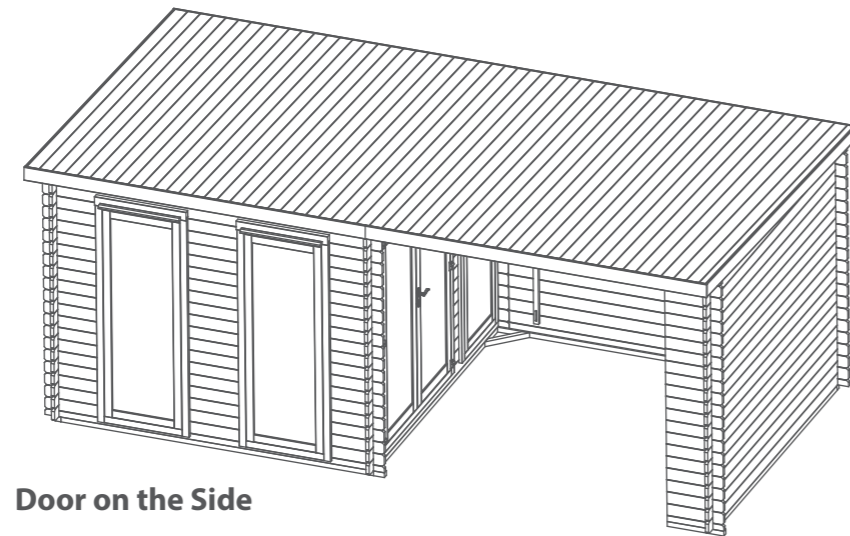
Before assembly
 please make sure you have a
 suitable base ready to erect your
 building



MADE IN GREAT BRITAIN

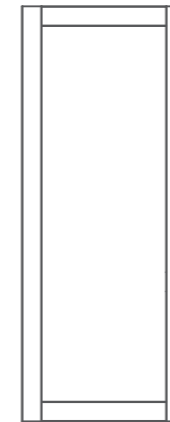


Door on the Front



Door on the Side

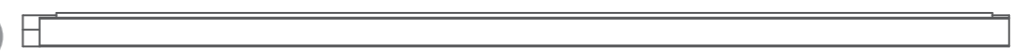
Double Door Contents



Master Door QTY 1
 (Morticed for lock)
 AI-06LOGDGFMD750X1900-V3



Secondary Door QTY 1
 AI-06LOGDGFSD750X1900-V3



Door Frame Left Upright - 71x70x2065mm QTY 1
 AI-0628LOGDUFL-V3



Door Frame Right Upright - 71x70x2065mm QTY 1
 AI-0628LOGDUFV-V3



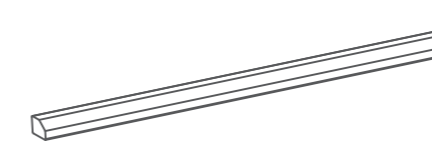
Door Frame Top - 84x125x1632mm QTY 1
 AI-0628LOGDDTF-V3



Door Frame Bottom - 71x70x1508mm QTY 1
 AI-0628LOGDDBF-V3



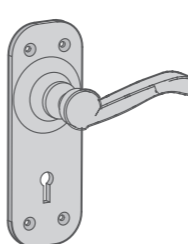
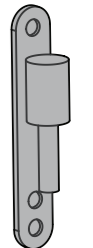
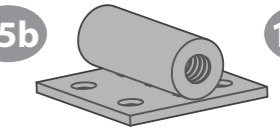
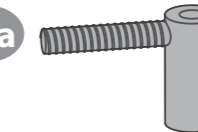
Door Strip - 16x60x1880mm QTY 1
 S1660-1880mm



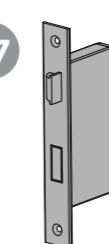
Rain Guard QTY 1
 RG2844-1520 (28x44x1520mm)



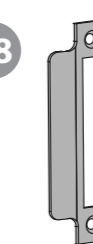
Adjustable Hinge QTY 6 PI-07-0209



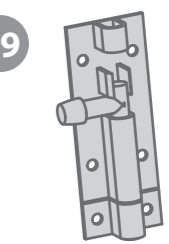
Handles (Pair) QTY 1
 PI-07-0188



Mortice Lock QTY 1
 PI-07-0017

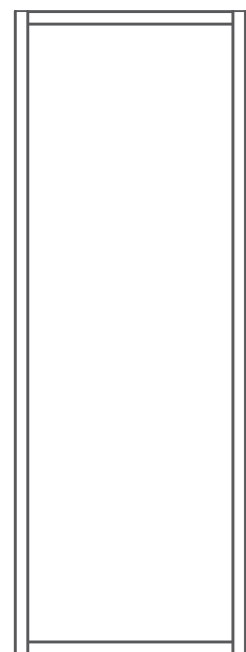


Key Plate QTY 1
 PI-07-0017

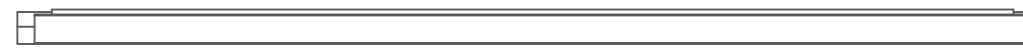


Tower Bolt QTY 2
 PI-07-0114

Tall Window Contents



Window QTY 3
 AI-06LOGDGW684X1905-V3



Window Frame Left Upright - 71x70x2065mm QTY 3
 AI-0628LOGDUFL-V3



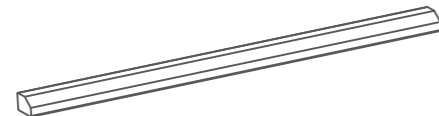
Window Frame Right Upright - 71x70x2065mm QTY 3
 AI-0628LOGDUFV-V3



Window Frame Top - 84x125x805mm QTY 3
 AI-0628LOGTWTF-V3



Window Frame Bottom - 71x70x685mm QTY 3
 AI-0628LOGTWBF-V3



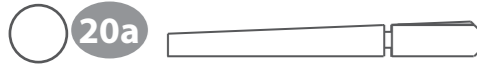
Rain Guard QTY 3
 RG2844-710 (28x44x710mm)



20

Left Gable QTY 1

AI-0628POPA0603FGDD3TW-LG-V1



20a

Left Gable Point QTY 1

AI-0628POPA0603FGDD3TW-LG-V1



21

Middle Gable QTY 1

AI-0628POPA0603FGDD3TW-MG-V2



21a

Middle Gable Point QTY 1

AI-0628POPA0603FGDD3TW-MG-V2



22

Right Gable QTY 1

AI-0628POPA0603FGDD3TW-RG-V1



22a

Right Gable Point QTY 1

AI-0628POPA0603FGDD3TW-RG-V1



23

Starter Board - 66x28x2996mm QTY 2

LB28RT66-A-2996



24

Starter Board - 66x28x2996mm QTY 1

LB28RT66-B-2996



25

Starter Board - 66x28x500mm QTY 1

LB28RT66-B-500



26

Log Board - 120x28x2996mm QTY 62

LB28-A-2996



27

Log Board - 120x28x2996mm QTY 20

LB28-B-2996



28

Log Board - 120x28x229mm QTY 36

LB28-B-229



29

Log Board - 120x28x229mm QTY 18

LB28-C-229



30

Log Board - 120x28x500mm QTY 56

LB28-B-500



31

Log Board - 120x28x500mm QTY 18

LB28-C-500



32

Log Board - 120x28x2996mm QTY 1

LB28-AD-2996 (1 X Double Door cut out, 1X Window cut out)



33

Log Board - 120x28x2996mm QTY 1

LB28-AD-2996 (2X Window cut outs)



34

Log Board - 120x28x2872mm QTY 1

LB28-B-2872



35

Log Board - 120x28x3092mm QTY 1

LB28-B-3092



36

Finisher Board - 50x28x3092mm QTY 1

LB28RG50-B-3092



37

Finisher Board - 50x28x2996mm QTY 1

LB28RG50-B-2996



38

Finisher Board - 50x28x2872mm QTY 1

LB28RG50-B-2872



39

Finisher Board - 50x28x2996mm QTY 1

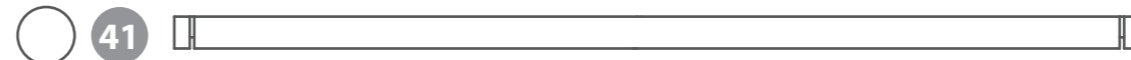
LB28RG50-A-2996



40

Roof Purlin - 45x120x2996mm QTY 2

F45120-A-2996mm



41

Roof Purlin - 45x120x3216mm QTY 2

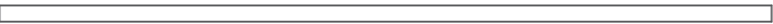
F45120-A-3216mm

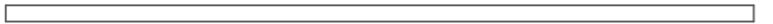


42


Bearer - 44x44x2996mm QTY 1


F4444-2996-PT


43  **Bearer - 44x44x2804mm QTY 2**
F4444-2804-PT


44  **Bearer - 44x44x2716mm QTY 11**
F4444-2716-PT


45  **Bearer - 44x44x500mm QTY 1**
F4444-500-PT


46  **Bearer - 44x44x96mm QTY 1**
F4444-96-PT


47  **Bearer - 44x44x400mm QTY 2**
F4444-G-440-PT (400mm finished length)

48  **Roof Board - 121x16x3300mm QTY 55**
MB16-3300


49  **Floor Board - 121x16x2744mm QTY 26**
MB16-2744

50  **Fascia - 16x120x3100mm QTY 4**
S16120-3100

51  **Fascia - 16x20x16x3600mm QTY 2**
S16120-3600

52  **Double Storm Brace - 16x120x2110mm QTY 2**
S16120-2110

53  **Eaves Frame - 27x44x2995mm QTY 4**
F2744-2995

54  **Closure Trim - 16x28x2400mm (approx length) QTY 15**
S1628-2400

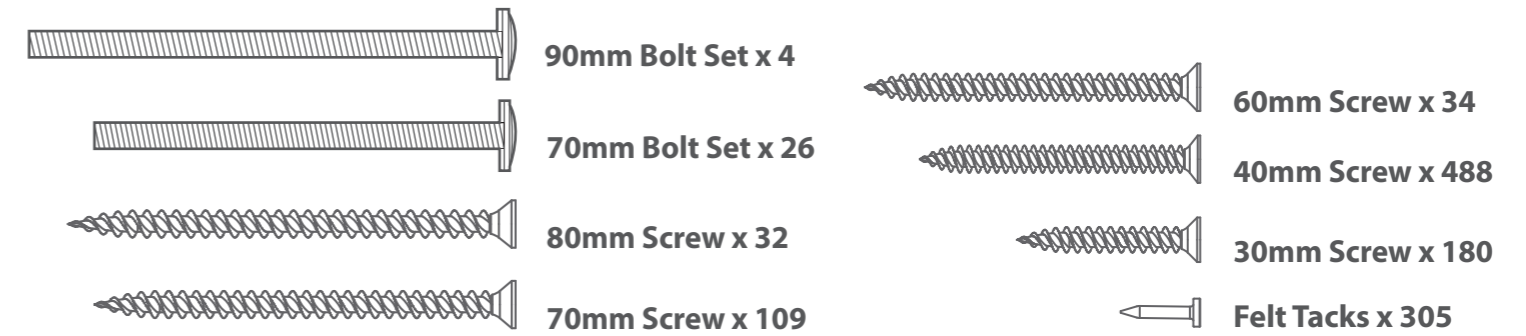
55  **Storm Brace - 44x27x2000mm QTY 13**
F2744-2000

56  **Felt**

57  **Roof Spacers QTY 5**
PI-07-0208 (20x100x2mm)

Nail Bag

There may be extra screws present in the nail bag

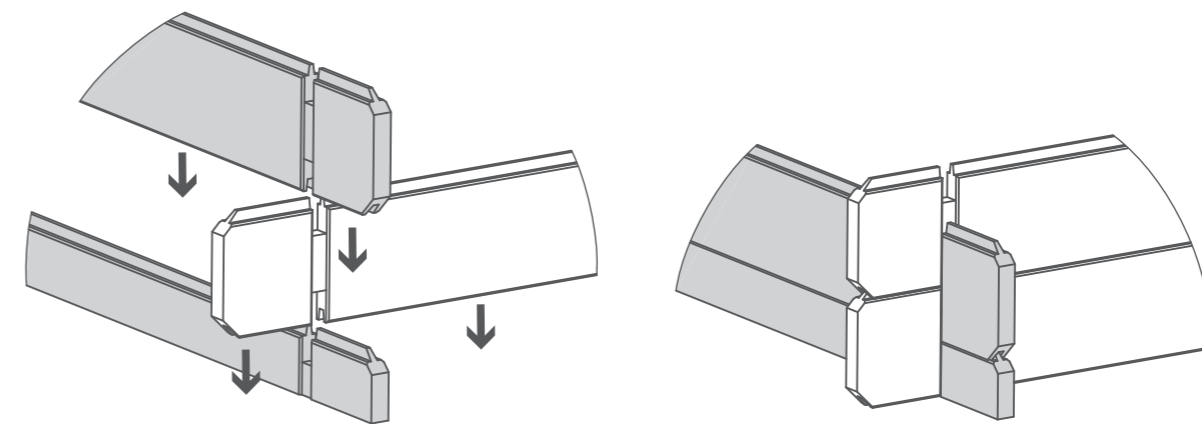


Pre-assembly

***Please note:**

Each board interlocks at either end in a staggered pattern.

Before securing ensure that the boards are fitted properly in their respective tongues and grooves.



Step 1

**Parts Needed - No. 43 QTY 2
No. 44 QTY 2**

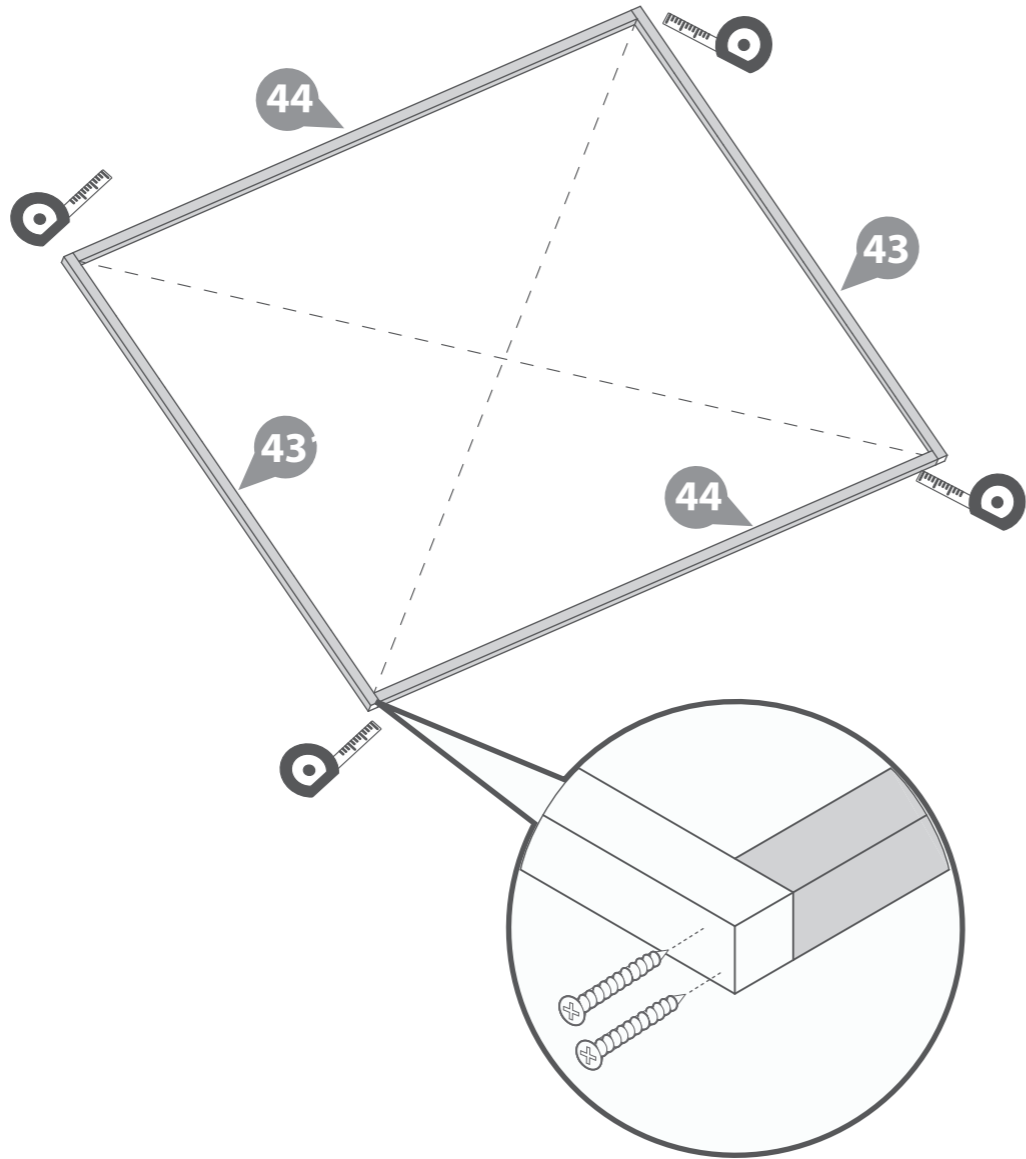
Lay the bearers (**No. 43 & 44**) onto a firm and level surface (**free from areas where standing water can collect**) as shown in the illustration.

Fix the bearers together at each corner using 2 screws per corner using 8x70mm screws in total, ensuring the bearers are flush.

Once fully assembled, ensure the bearers are square by measuring from corner to corner as illustrated, making sure the measurements are equal.

If the bearers are not aligned equally, unscrew, adjust and re-align accordingly.

8x70mm Screws



Step 2

Parts Needed - No. 44 QTY 8

Following the same method, arrange the remaining bearers (**No. 44**) inside the assembled frame.

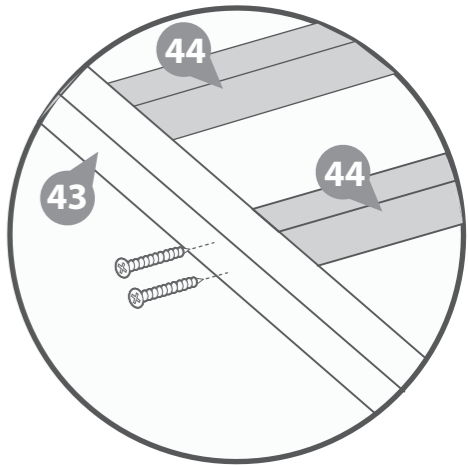
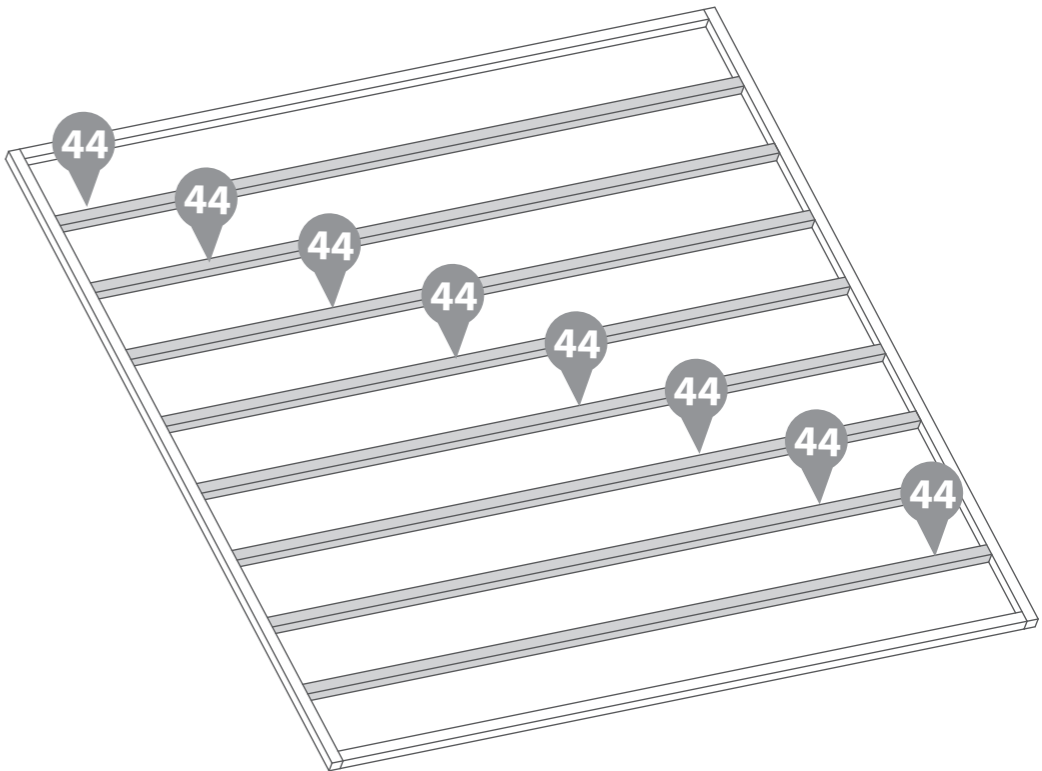
***Ensure there is an equal amount of space between each frame.**

Secure each of the bearers in place using 2x70mm screws for each side of the bearer, ensuring the bearers remain level.

32x70mm Screws



IMPORTANT: Pre-drill before fixing screws.



Step 3

Parts Needed - No. 42 QTY 1
 No. 44 QTY 1
 No. 47 QTY 2

***Please note:**

You can position your Patio Area on either side of the log cabin, depending on which side you attach the bearers.

For illustration purposes, the instructions will show the Patio area on the right of the log cabin.

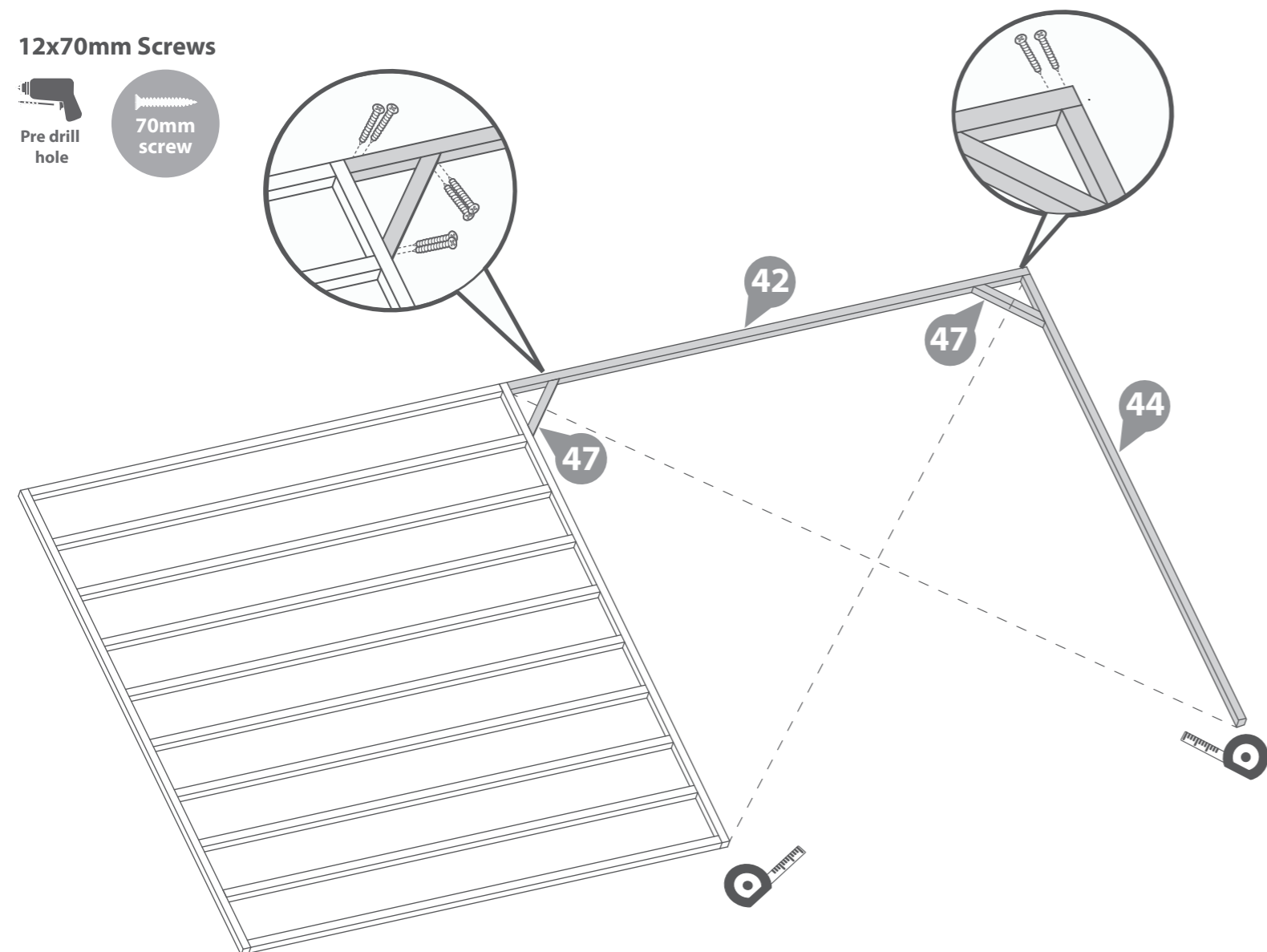
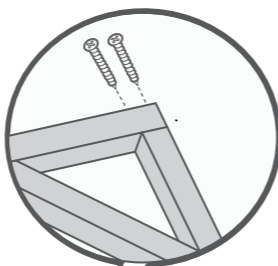
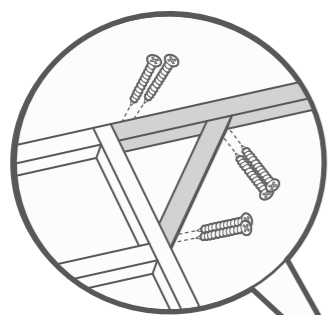
Arrange the bearers (No. 42, 44 & 47) onto the previously constructed bearers, as shown in the illustration.

Secure each of the bearers in place using 70mm screws. For bearers (No. 42 & 47) direct the screws through at an angle to fix through to the next bearer, as shown in the illustration, ensuring the bearers remain level.

Using the same method as in Step 1, ensure the bearers are square by measuring from corner to corner as illustrated, making sure the measurements are equal.

If the bearers are not aligned equally, unscrew, adjust and re-align accordingly.

12x70mm Screws



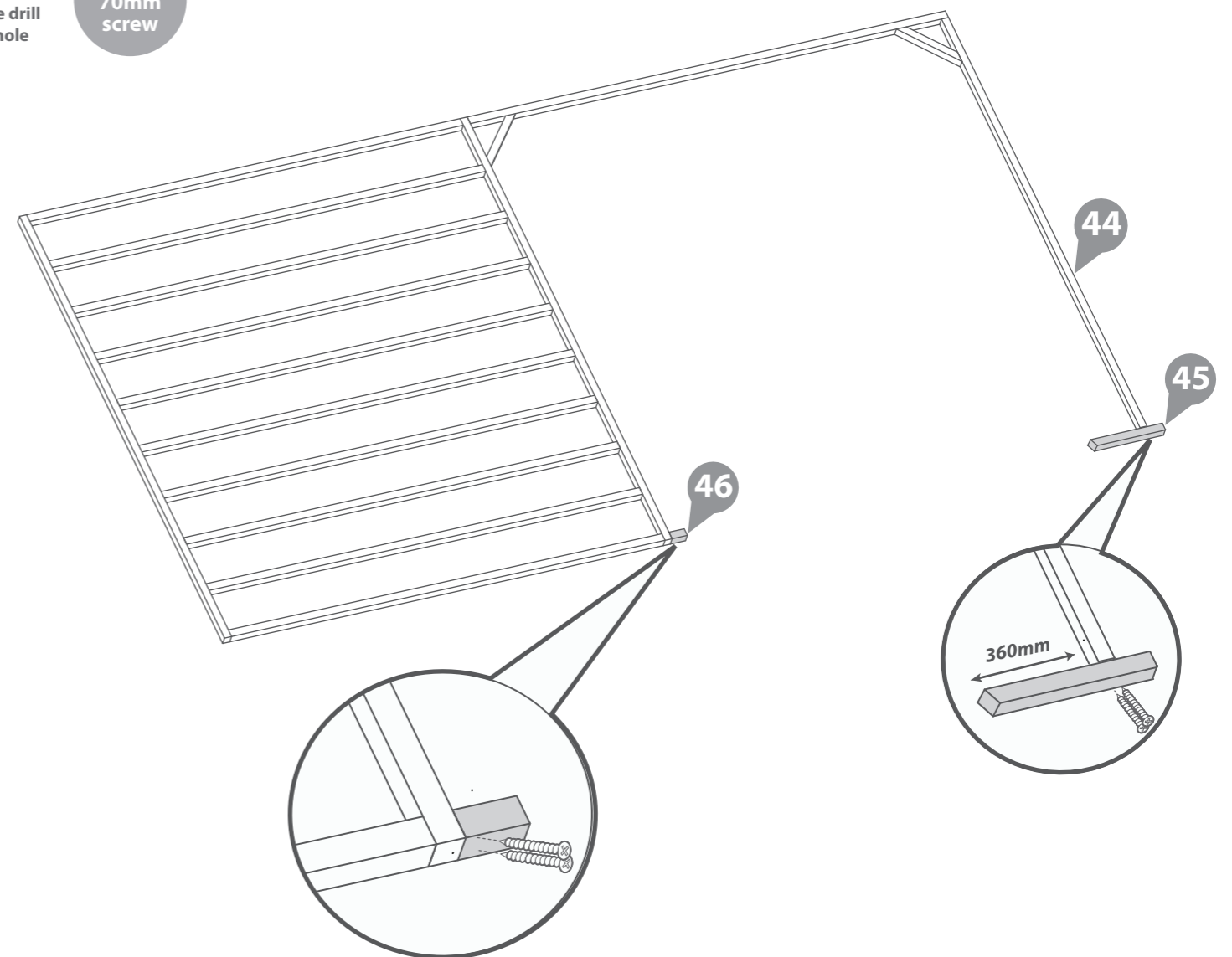
Step 4

Parts Needed - No. 45 QTY 1
 No. 46 QTY 1

Arrange the remaining bearers (No. 45 & 46) onto the previously constructed bearers, ensuring (No.45) is positioned 360mm from bearer (No. 44), as shown in the illustration.

Secure each of the bearers in place using 70mm screws, ensuring to screw through (No.46) at an angle, as shown in the illustration.

4x70mm Screws



Step 5

- Parts Needed - No. 23 QTY 2**
No. 24 QTY 1
No. 25 QTY 1
No. 26 QTY 3

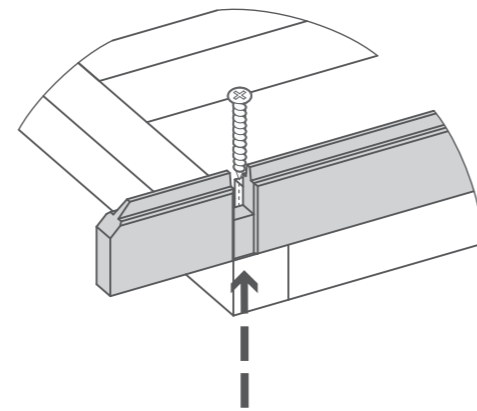
IMPORTANT: Pre-drill before fixing screws.

Place the starter boards (**No. 23, 24 & 25**) on to the assembled bearers and place the first three log boards (**No. 26**) in the notches as shown.

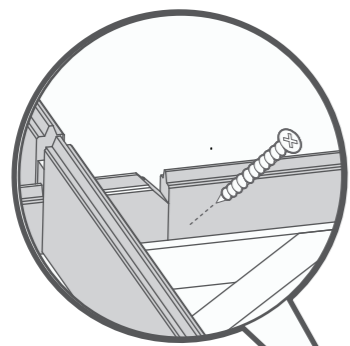
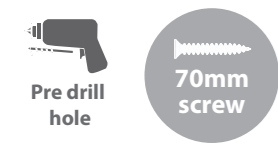
Ensure the boards sit square on the base using the same method used in Step 1. Measure corner to corner, making sure the measurements are equal.

Once the boards are square, lift up the log boards (**No. 26**) and fix the starter boards in place by screwing through the notch into the bearer below, using 1x70mm screw per notch.

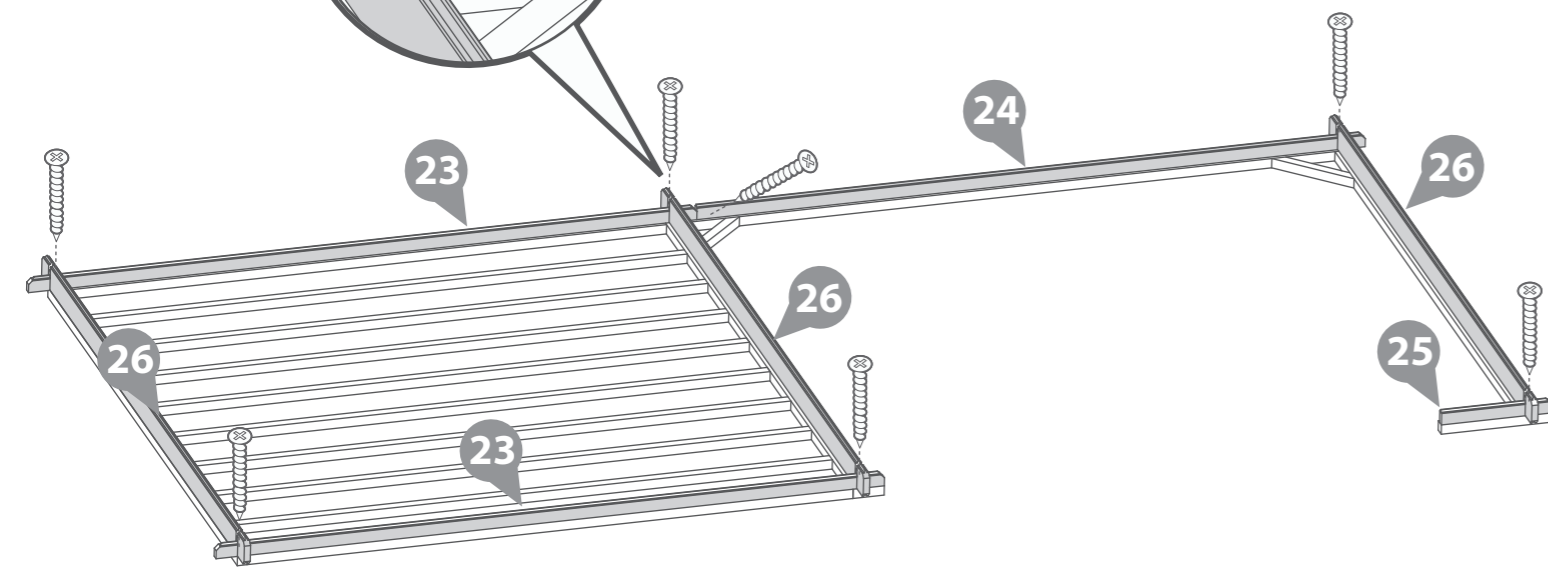
Secure board **No.23** in place by screwing at an angle through the side of the starter board into the bearer below, as shown in the illustration.



7x70mm Screws



**Ensure boards sit flush*



Step 6

- Parts Needed - No. 26 QTY 18**
No. 27 QTY 6
No. 28 QTY 6
No. 30 QTY 12

***Please note:**
You can construct your cabin to have the Doors on the front or the Doors on the side, dependant on your needs. (See contents page image for reference) Please ensure to construct your Log Cabin by following either the 'Doors on the front' or 'Doors on the side' instructions, dependant on which side you choose.

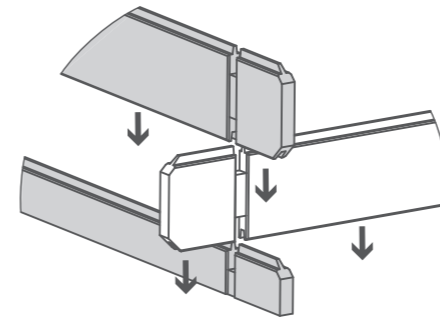
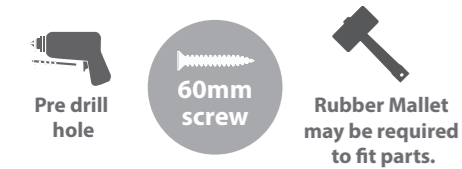
Following the method shown in the illustration, lay the first 6 boards (**No. 25, 26, 27, 28, 29 & 30**) off of the starter boards to create your first level.

***Ensure that the boards are level and flush with each other as you lay each one.**

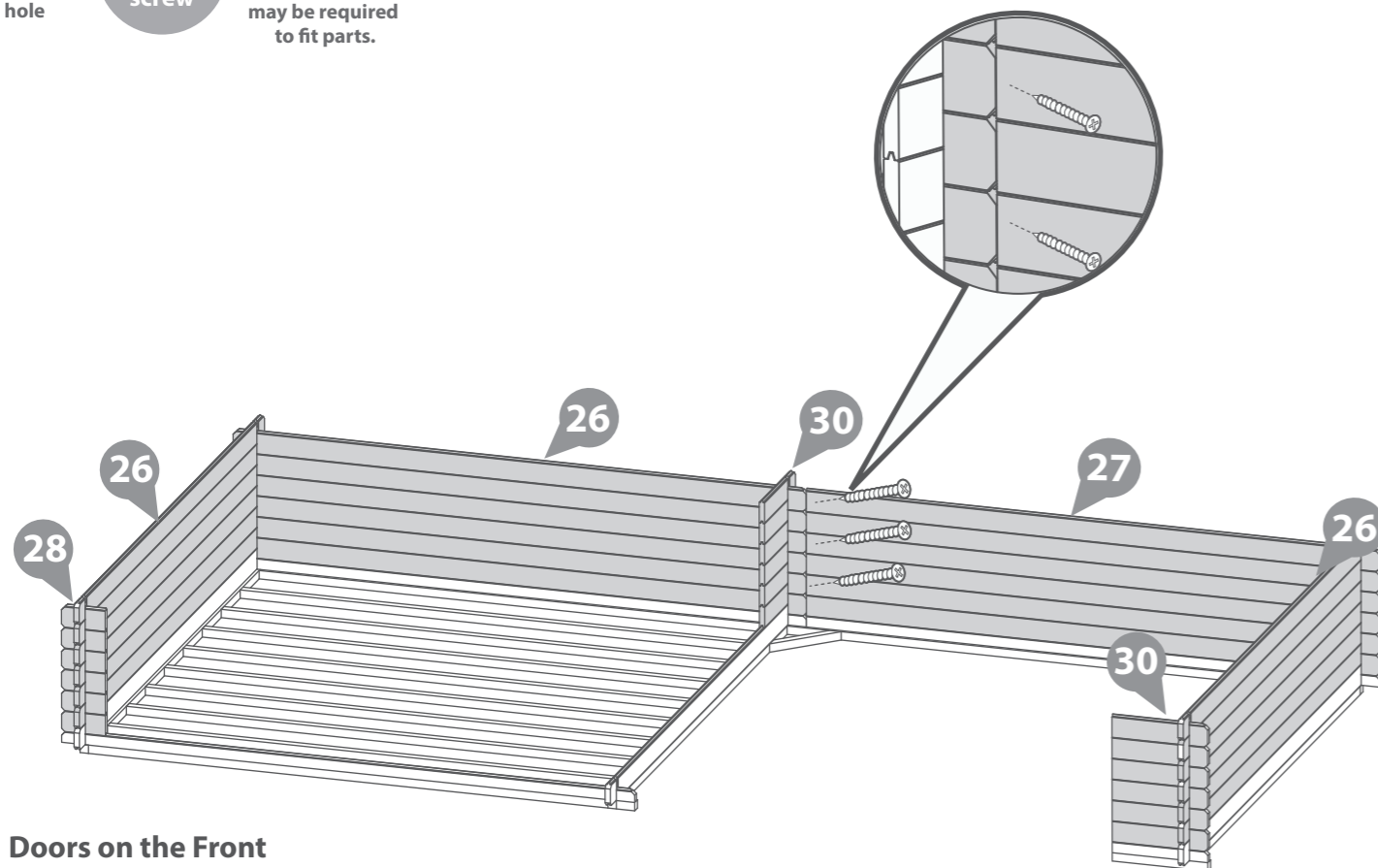
Ensure the boards (**No.27**) are level, flush and in line with the boards next to them.

Secure every other board (**No. 27**) in place by screwing through the side of the board at an angle into the end of the board next to it (**No. 26**), using 1x60mm screw per board.

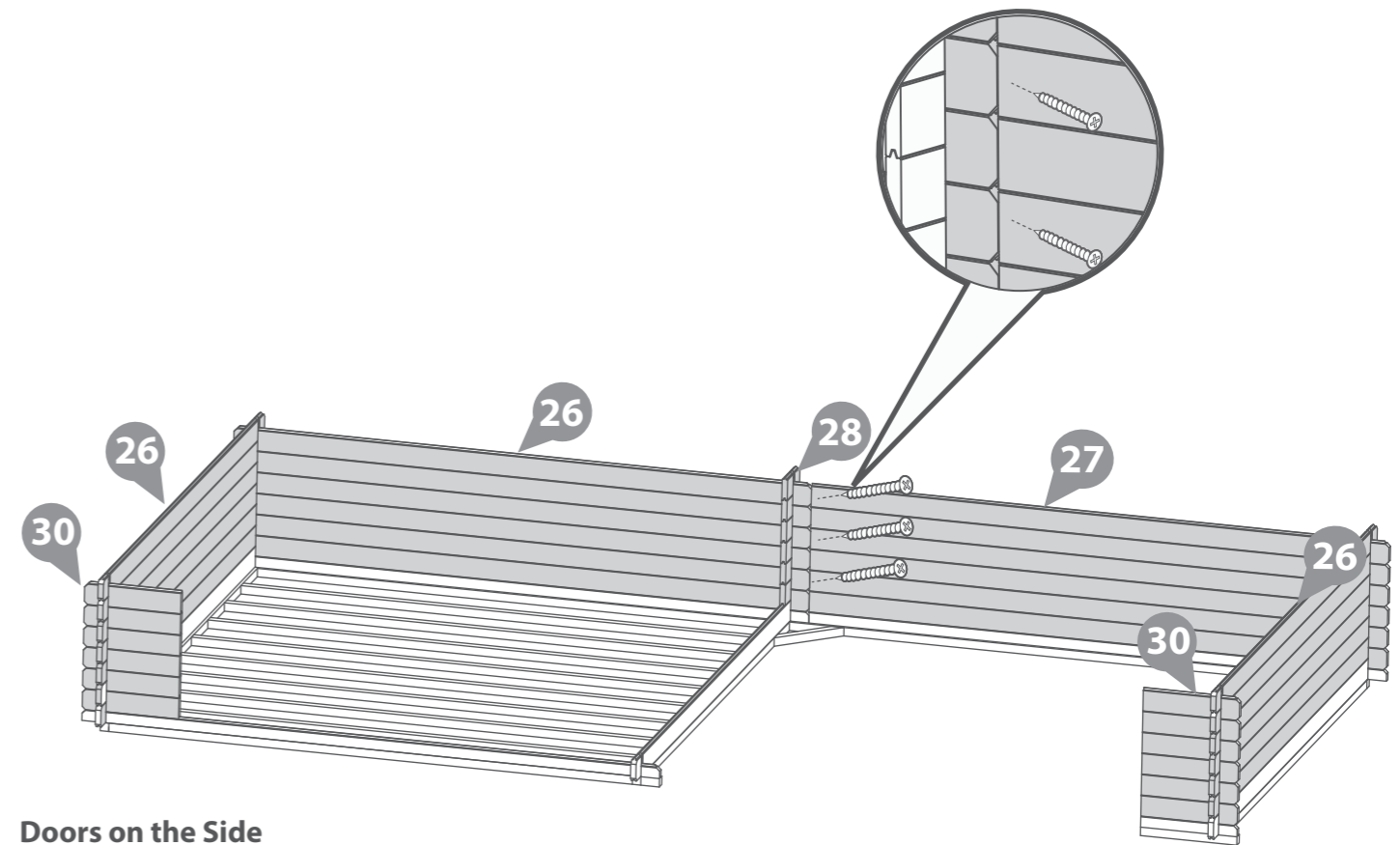
3x60mm Screws



IMPORTANT: Pre-drill before fixing screws.



Doors on the Front



Doors on the Side

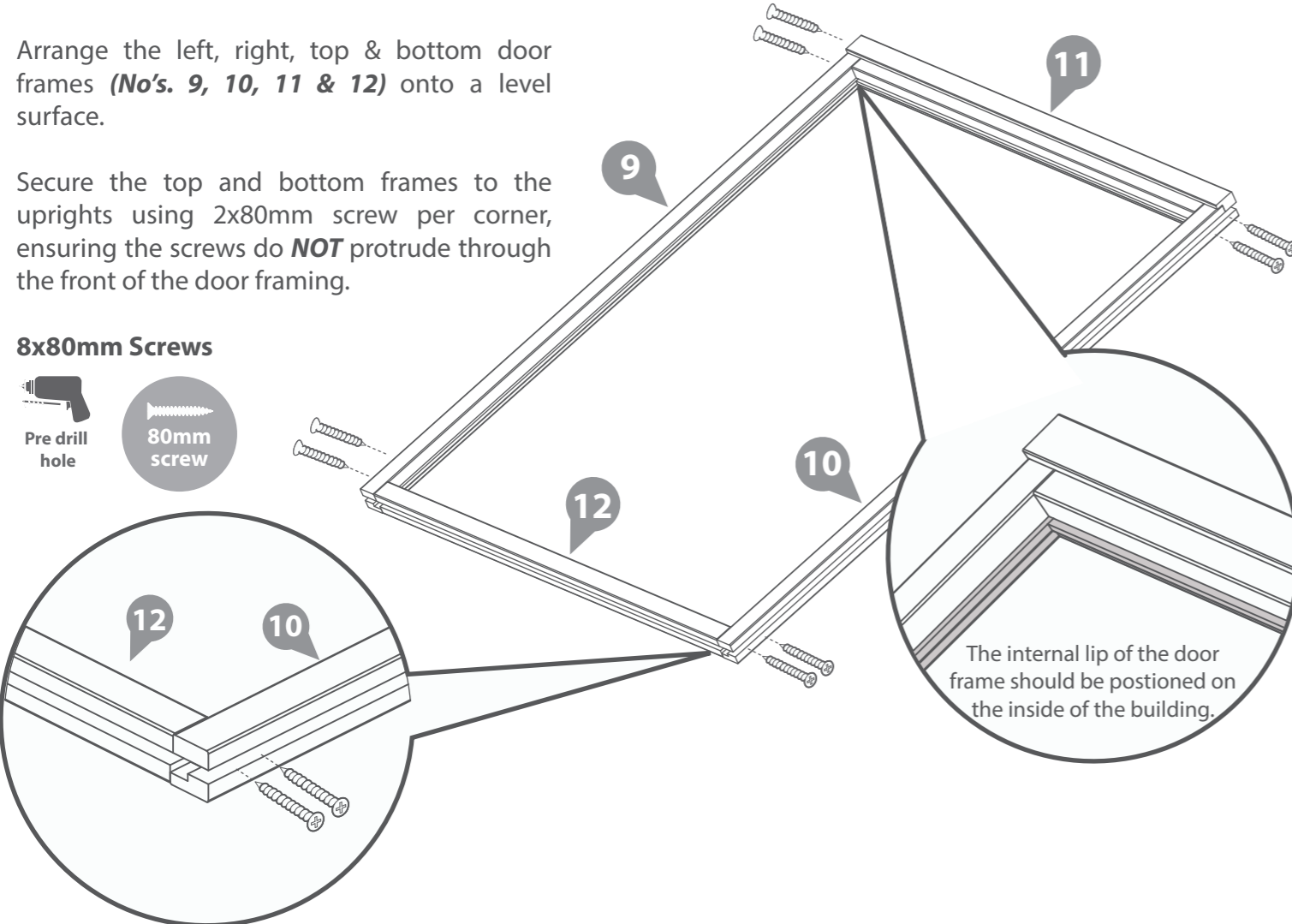
Step 7

- Parts Needed - No. 9 QTY 1
No. 10 QTY 1
No. 11 QTY 1
No. 12 QTY 1**

Arrange the left, right, top & bottom door frames (No's. 9, 10, 11 & 12) onto a level surface.

Secure the top and bottom frames to the uprights using 2x80mm screw per corner, ensuring the screws do **NOT** protrude through the front of the door framing.

8x80mm Screws



IMPORTANT : Pre-drill before fixing screws.

Step 8

- Parts Needed - No. 7 QTY 1
No. 8 QTY 1
No. 15 QTY 6**

a The Adjustable Door Hinge (No.17) comes in three parts.

Fasten No. 17a into 17b as shown in the illustration.

b Place the master and secondary doors (No.7 & 8) into the assembled double door frame and fix 3 x Adjustable door hinges (No.15c) to each door using 3x30mm screws per hinge.

Fix 3 x Adjustable Door Hinges (No. 15a&b) onto the door frame using 4x30mm screws per hinge.

***Ensure the hinges are fitted to the external of the door frame so the doors open outwards from the log cabin.**

Locate the doors into the hinges Place the doors on the hinges ensuring there is equal spacing on each side between the door and door frame, and the doors open & close freely without restriction.

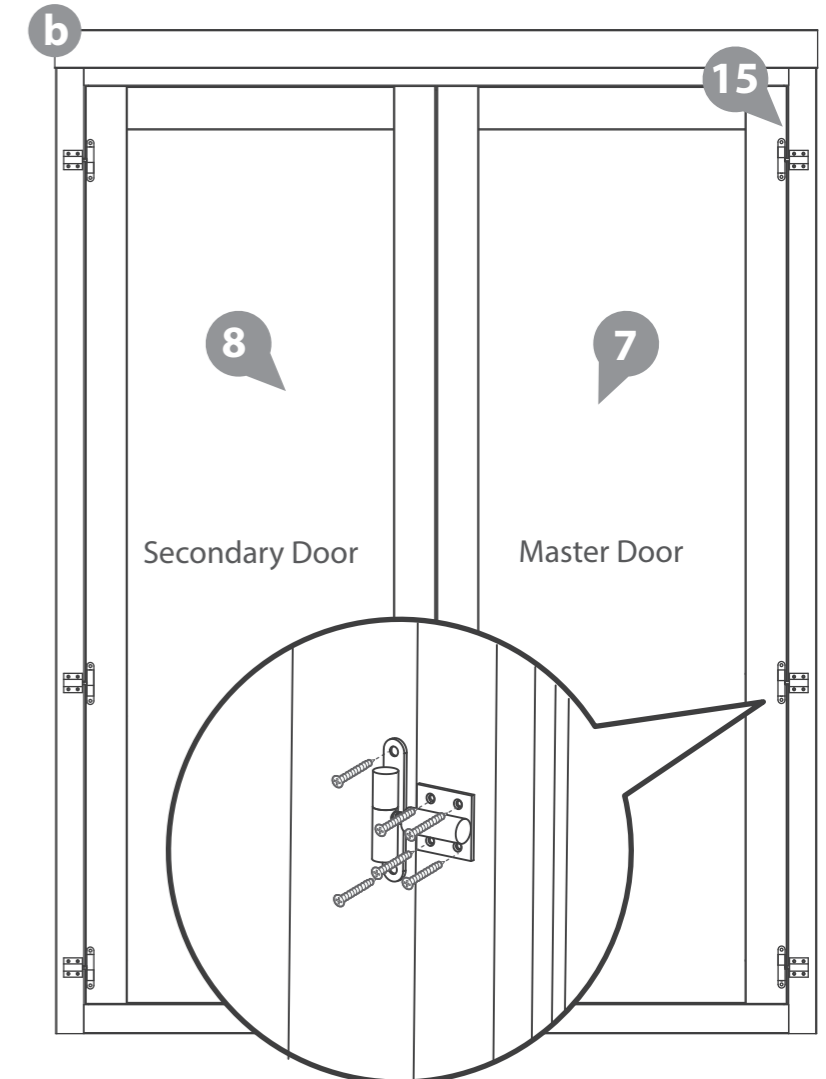
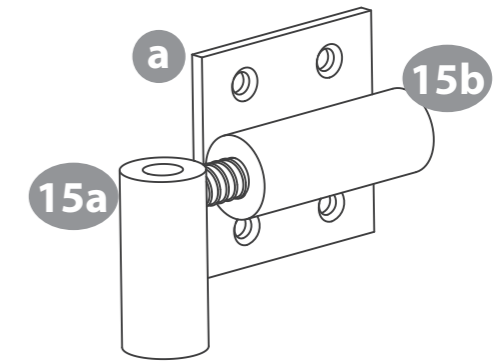
It is important to fit the doors within the frames at this stage so that you can establish the position of the hinges. The hinges come in three parts. Remove the doors from the frame after fitting.

***Ensure to screw into the framing and not into the channel.**

42x30mm Screws



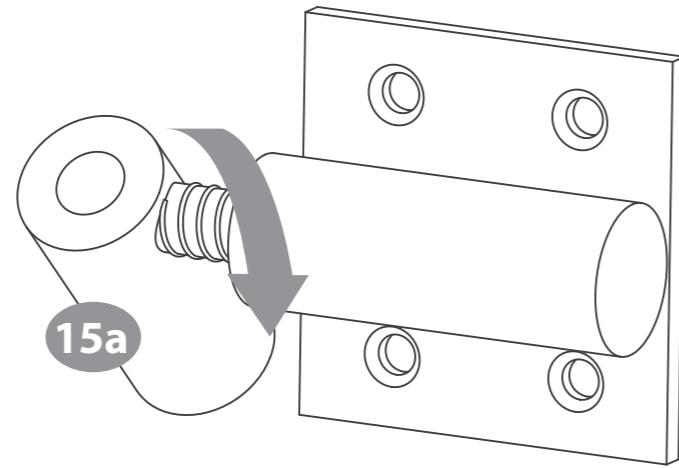
IMPORTANT : Pre-drill before fixing screws.



Step 9

To adjust and align your doors:

1. Lift up the doors to separate the two parts of the hinge.
2. Turn the rotating barrel (**No.15a**) in / out to move the position of the doors either in or away from each other.
3. You can then place the door(s) back on to the hinge and check whether they require more / less adjustments, if further adjustments are required repeat number 2.



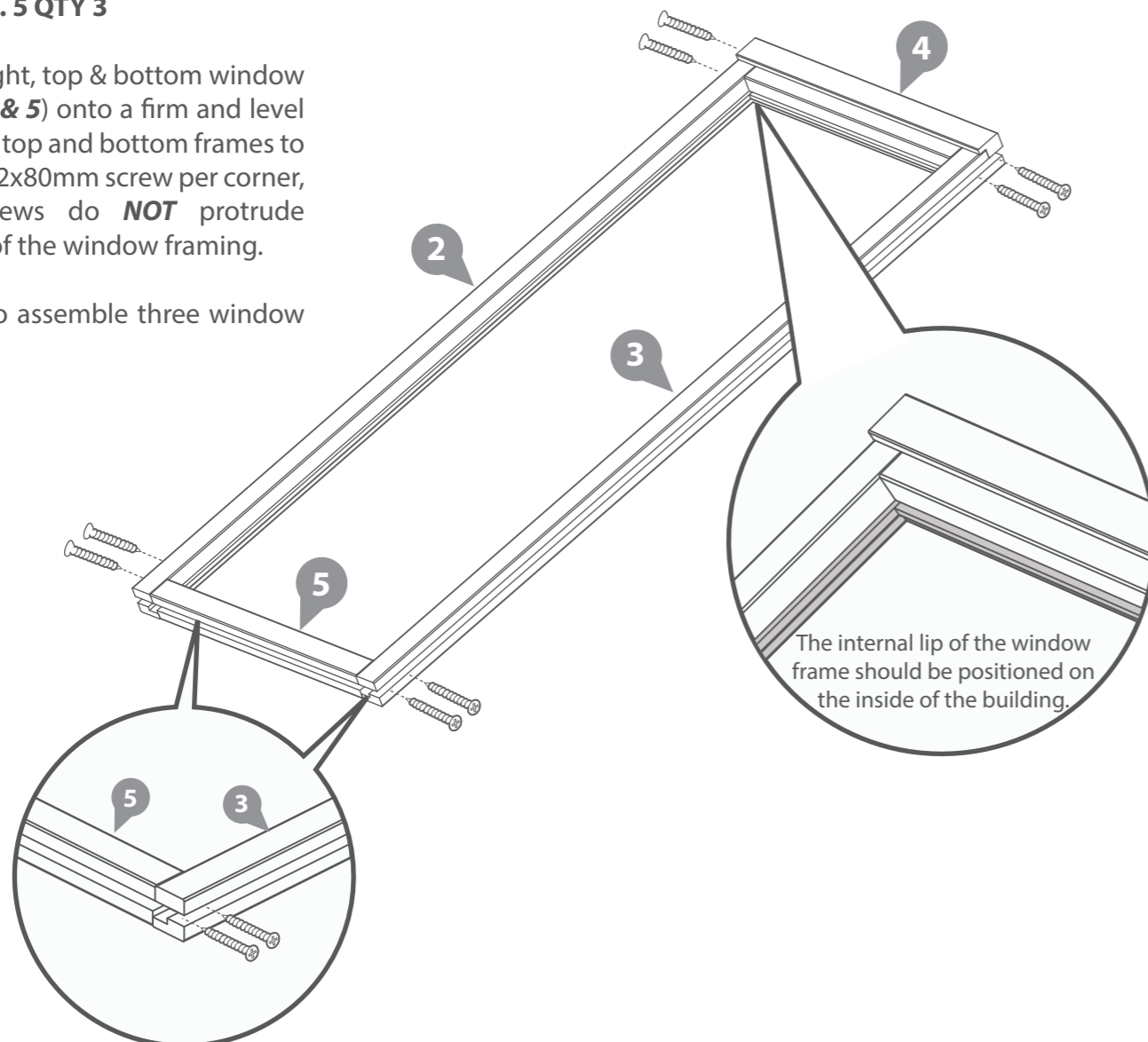
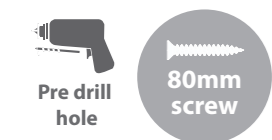
Step 10

- Parts Needed - No. 2 QTY 3**
No. 3 QTY 3
No. 4 QTY 3
No. 5 QTY 3

Arrange the left, right, top & bottom window frames (**No. 2, 3, 4, & 5**) onto a firm and level surface. Secure the top and bottom frames to the uprights using 2x80mm screw per corner, ensuring the screws do **NOT** protrude through the front of the window framing.

Use this method to assemble three window frames.

24x80mm Screws



IMPORTANT : Pre-drill before fixing screws.

Step 11

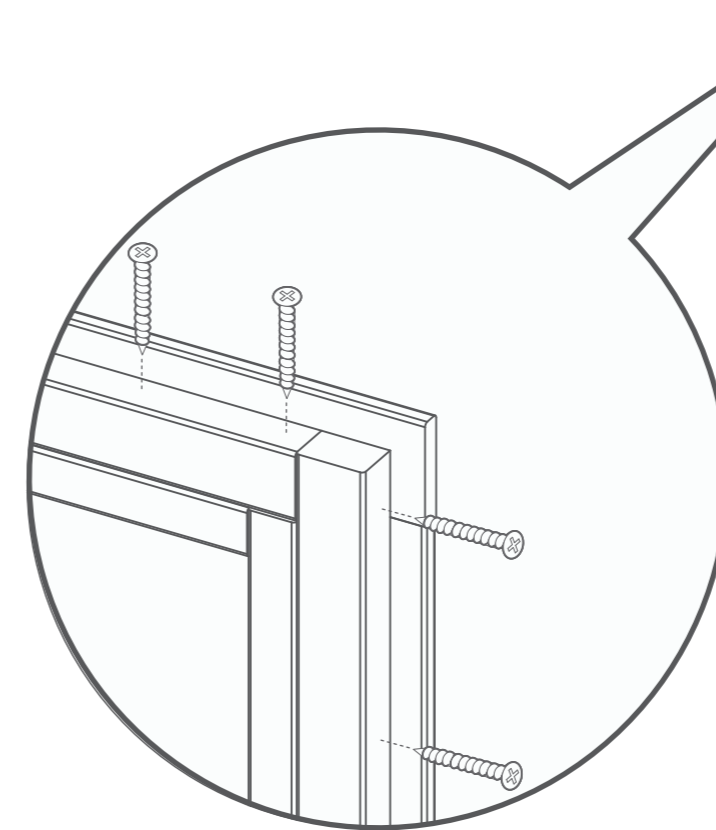
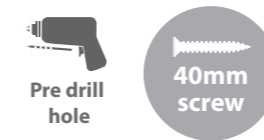
Parts Needed - No. 1 QTY 3

Rest the window (**No. 1**) into the assembled window frame as shown in the illustration, and secure into position by screwing through the framing into the window, using 4x40mm screws per side.

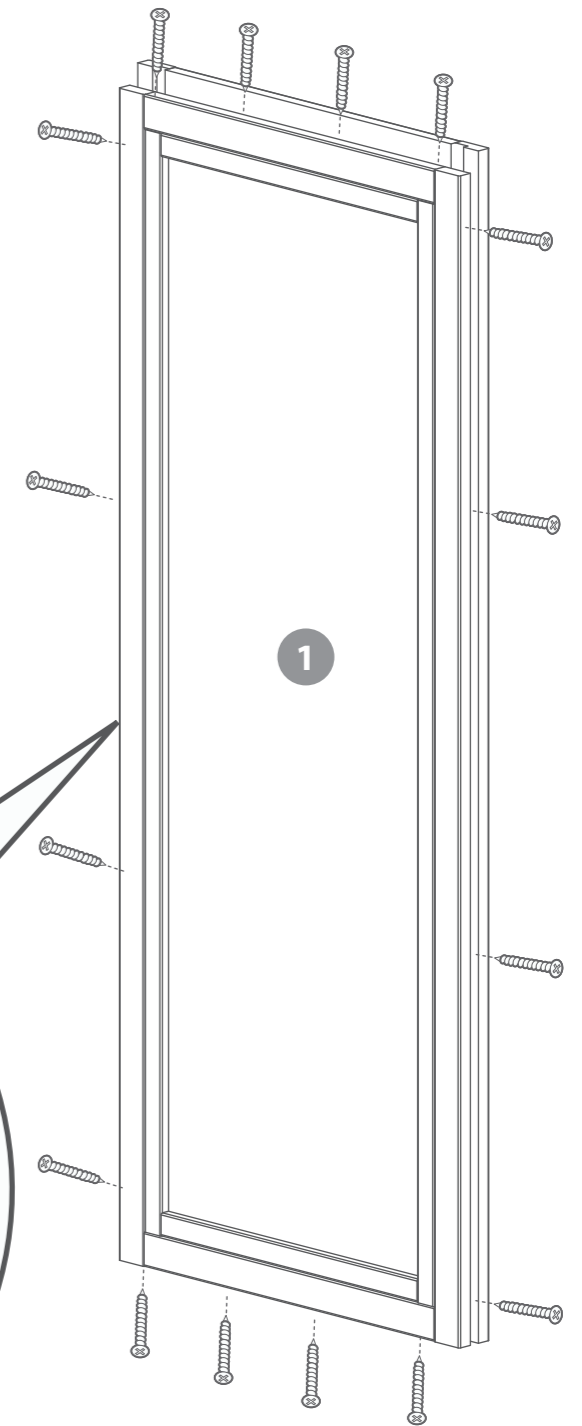
***Place the frame & window flat onto a level surface to help fix into place.**

Use this method to assemble three windows.

48x40mm Screws



IMPORTANT: Pre-drill before fixing screws.



Step 12 - Doors on the Front

Parts Needed - No. 31 QTY 18

a Once you have laid 6 boards (off of the starter) locate one of the assembled window frames onto the inside corner of the log cabin as shown in the illustration.

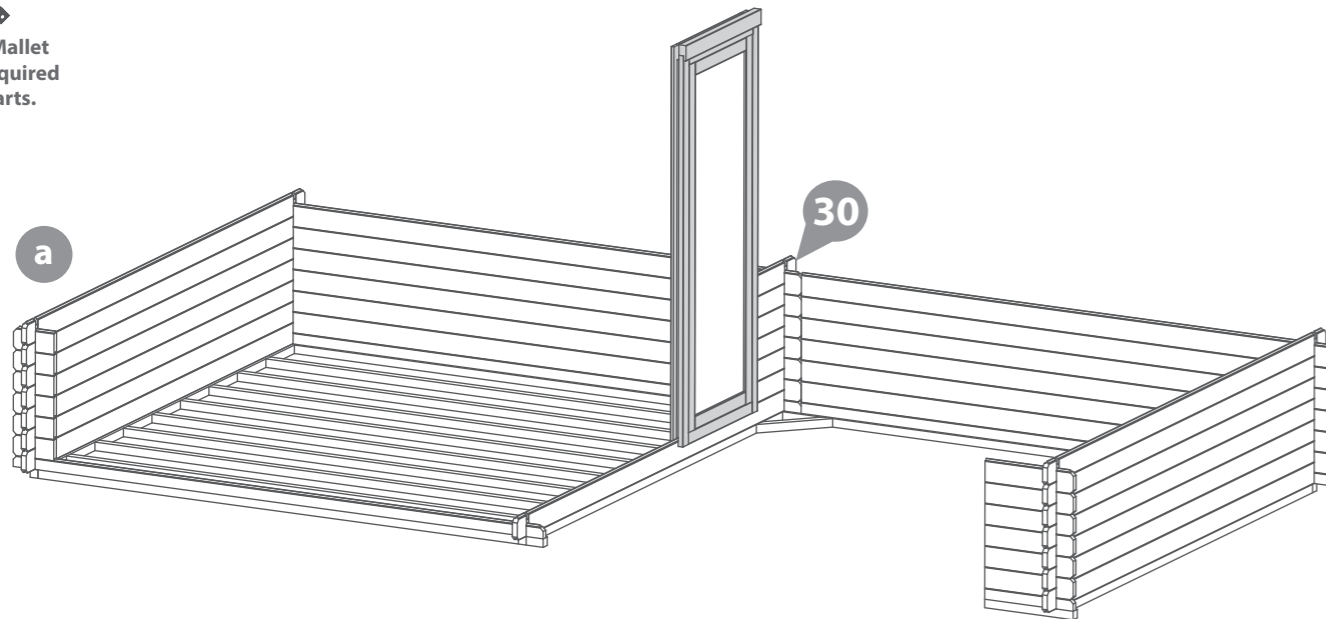
Ensure the window frame is resting on top of the log board and the log boards (**No.30**) are locted flush into one side of the window frame.

***If you have not yet assembled your window frames please refer to steps 10 & 11.*

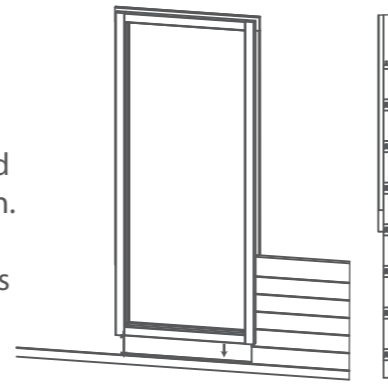
b Once the window frame is in position, place the log boards (**No.31**) flush into the other side of the window frame, securing it in place.

**Ensure that the boards are level and flush with each other as you lay each one.*


Rubber Mallet
may be required
to fit parts.



Doors on the Front



Step 12 - Doors on the Side

Parts Needed - No. 29 QTY 18

a Once you have laid 6 boards (off of the starter) locate one of the assembled window frames onto the inside corner of the log cabin as shown in the illustration.

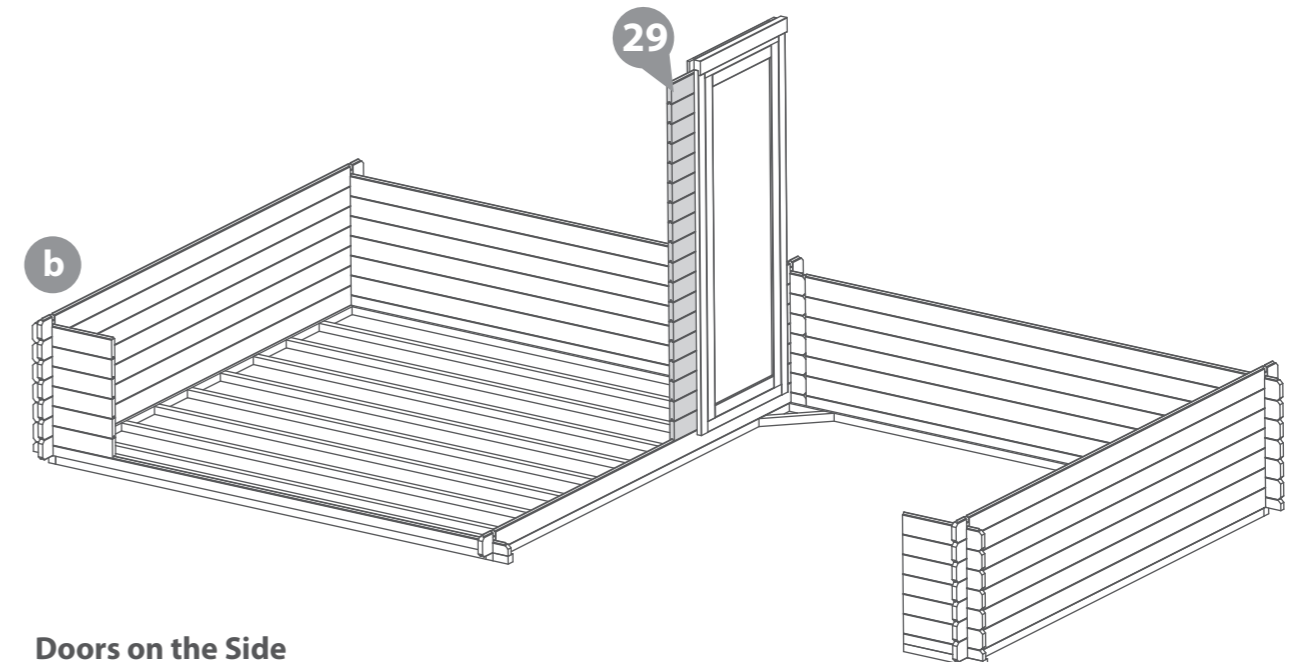
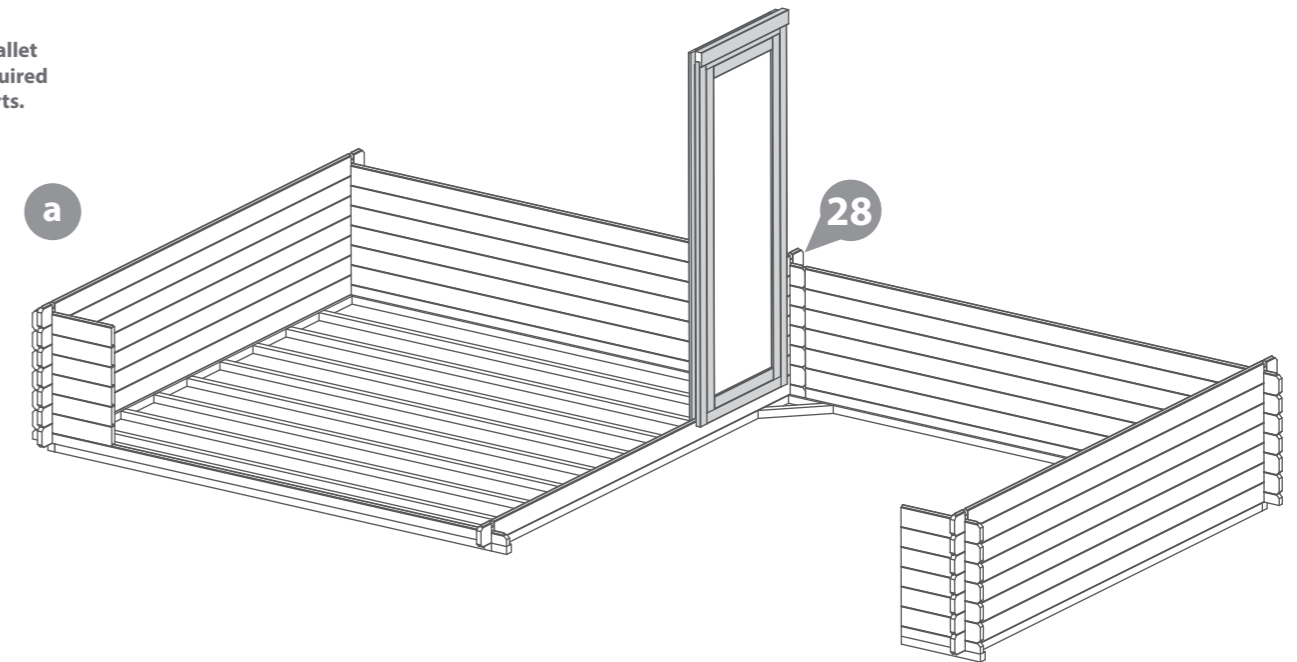
Ensure the window frame is resting on top of the log board and the log boards (**No.28**) are locted flush into one side of the window frame.

***If you have not yet assembled your window frames please refer to steps 10 & 11.*

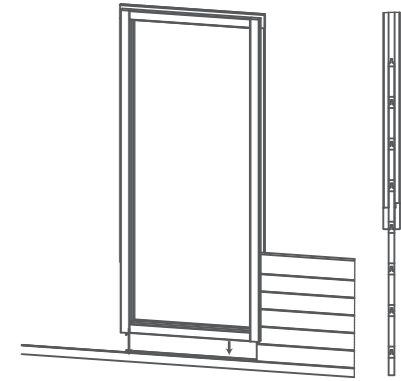
b Once the window frame is in position, place the log boards (**No.29**) flush into the other side of the window frame, securing it in place.

**Ensure that the boards are level and flush with each other as you lay each one.*


Rubber Mallet
may be required
to fit parts.



Doors on the Side



Step 13 - Doors on the Front

Parts Needed - No. 29 QTY 18

a Once you have positioned the first window and boards, locate another one of the assembled window frames onto the log cabin as shown in the illustration.

Ensure the window frame is resting on top of the log board and the log boards (**No.31**) are locked flush into one side of the window frame.

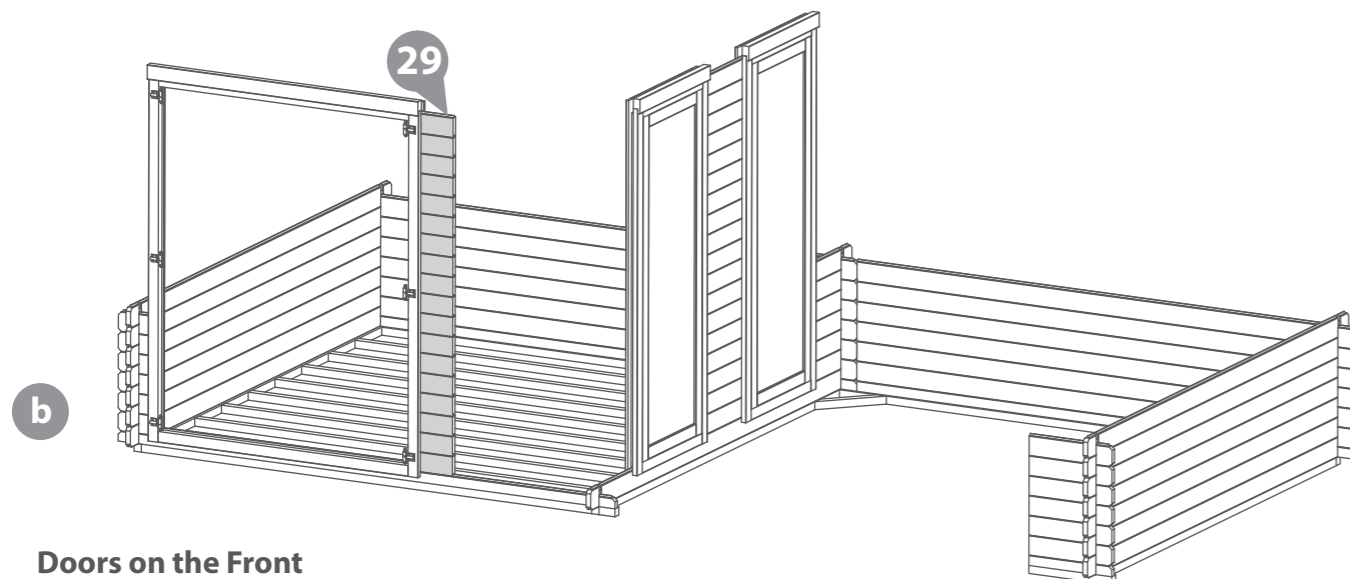
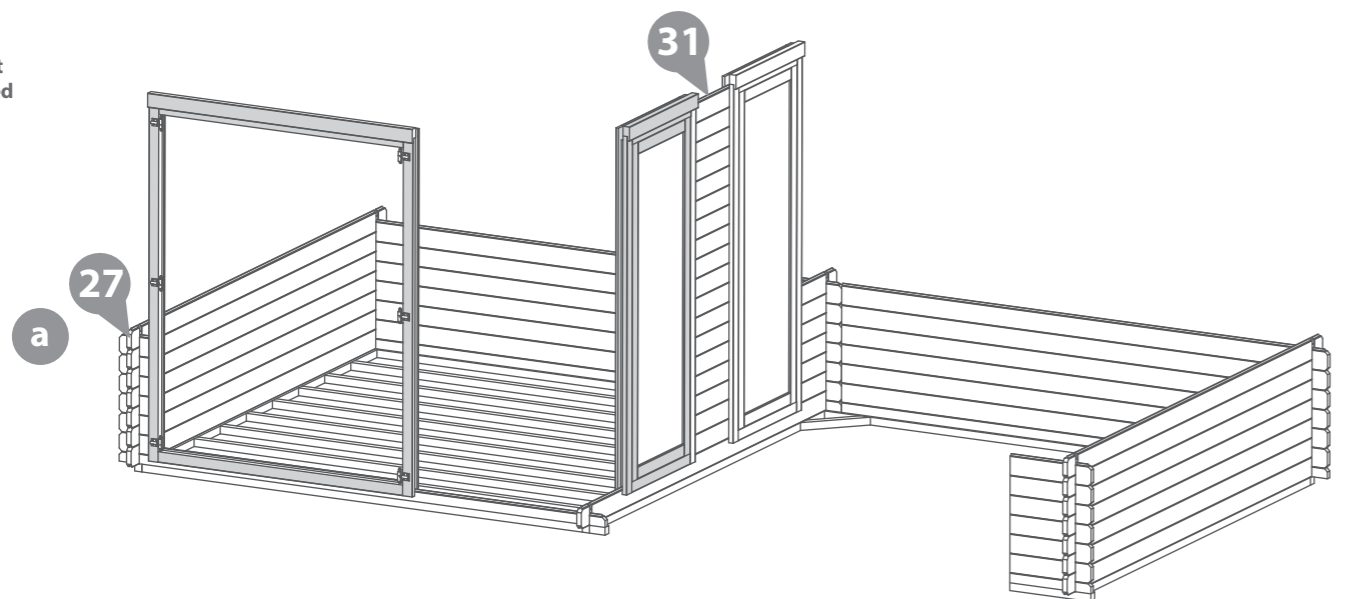
Locate the assembled door frame onto the the log cabin as shown in the illustration, ensuring it is resting on top of the starter board and the log boards (**No.28**) are located flush into one side of the frame.

***If you have not yet assembled your window or door frames please refer to steps 7-11.*

b Once the door frame is in position, place the log boards (**No.28**) flush into the other side of the door frame, securing it in place.

**Ensure that the boards are level and flush with each other as you lay each one.*


Rubber Mallet
may be required
to fit parts.



Doors on the Front

Step 13 - Doors on the Side

Parts Needed - No. 31 QTY 18

a Once you have positioned the first window and boards, add the assembled door frame onto the log cabin as shown in the illustration.

Ensure the door frame is resting on top of the log board and the log boards (**No.29**) are locked flush into one side of the door frame.

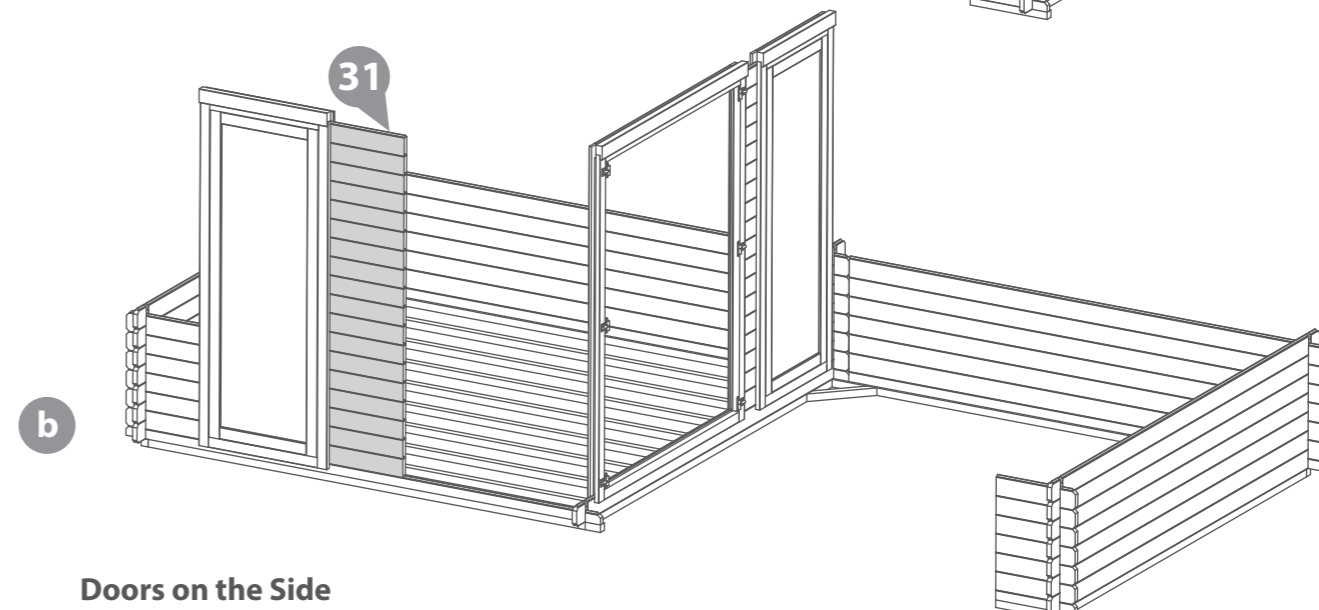
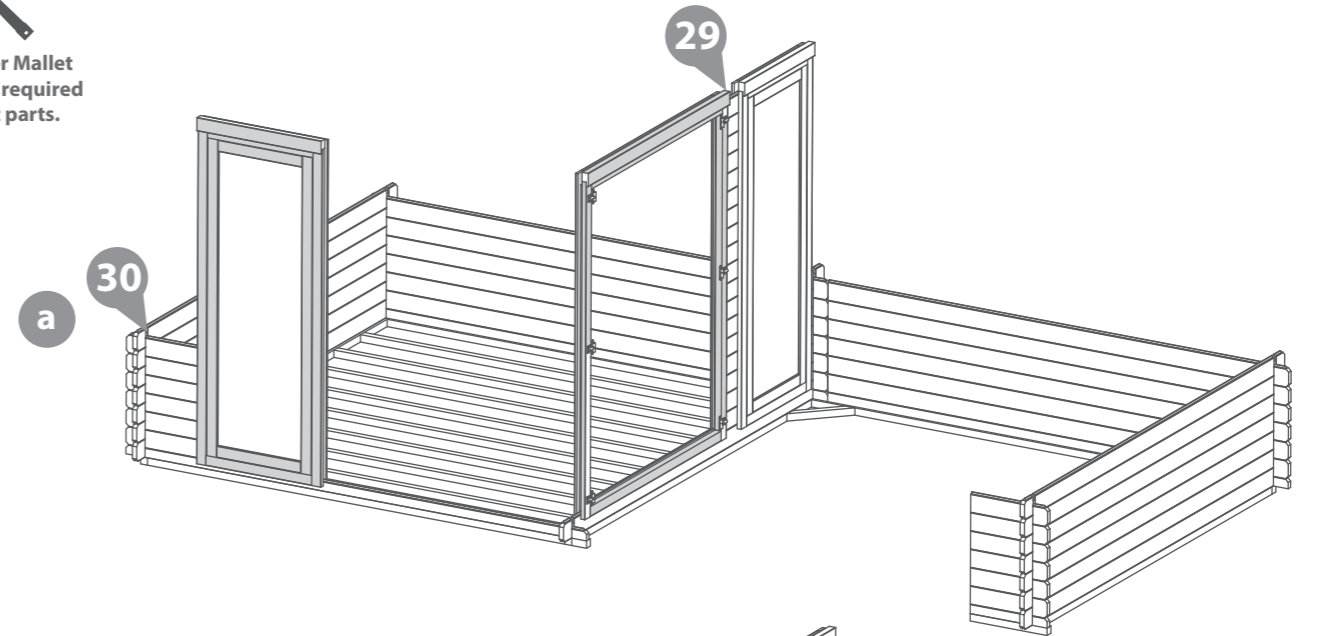
Locate one of the assembled window frames onto the the log cabin as shown in the illustration, ensuring it is resting on top of the starter board and the log boards (**No.30**) are located flush into one side of the frame.

***If you have not yet assembled your window or door frames please refer to steps 7-11.*

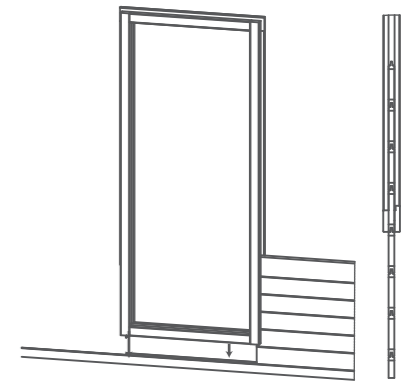
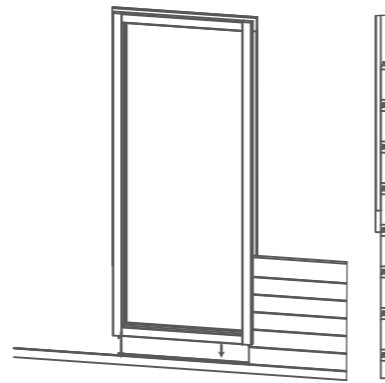
b Once the frames are in position, place the log boards (**No.31**) flush into the other side of the window frame, securing it in place.

**Ensure that the boards are level and flush with each other as you lay each one.*


Rubber Mallet
may be required
to fit parts.



Doors on the Side



Step 14

**Parts Needed - No. 28 QTY 18
No. 30 QTY 18**

a Locate the last assembled window frame onto the log cabin as shown in the illustration.

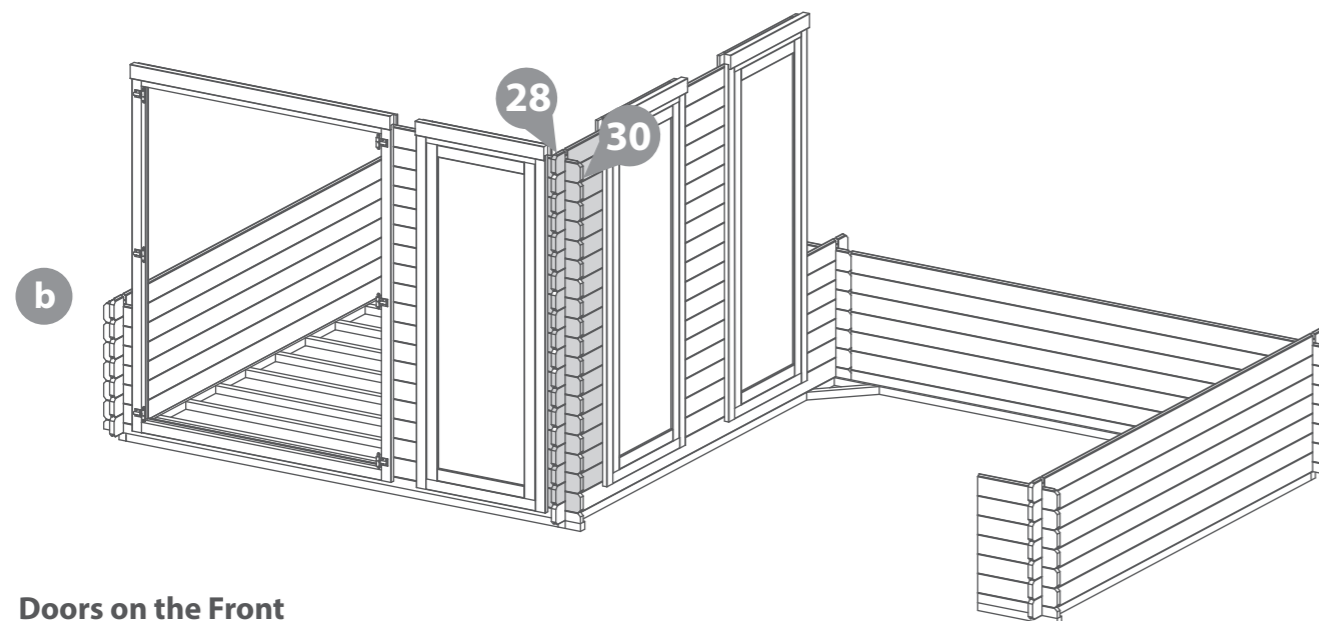
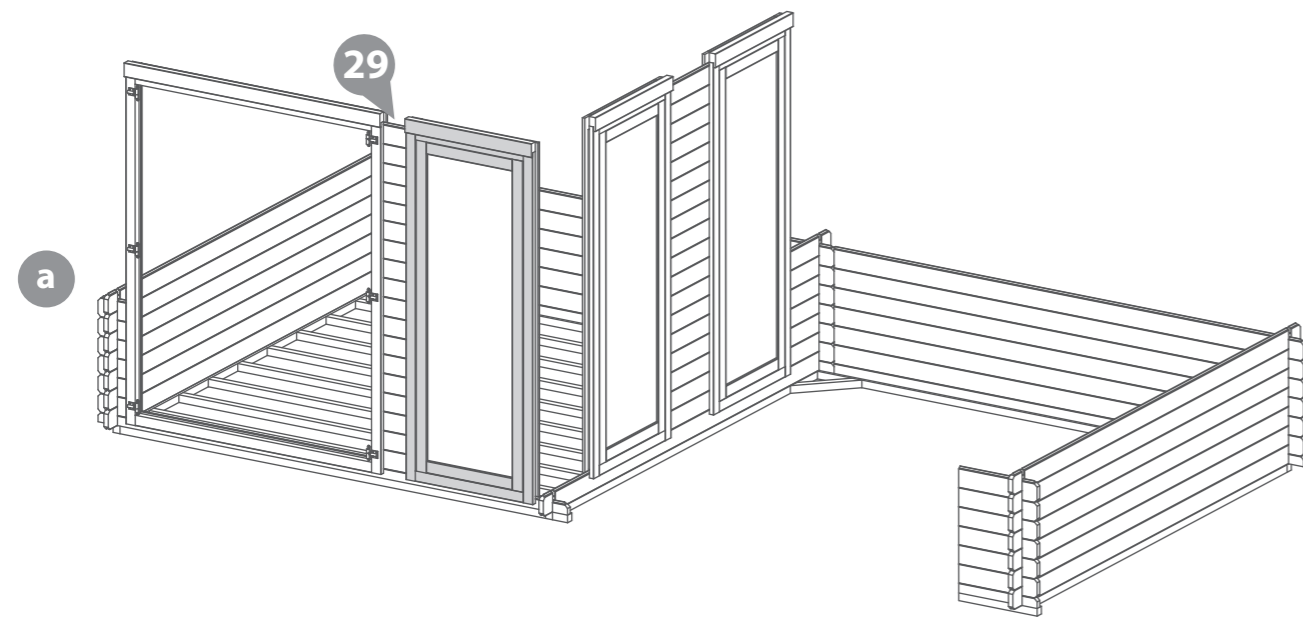
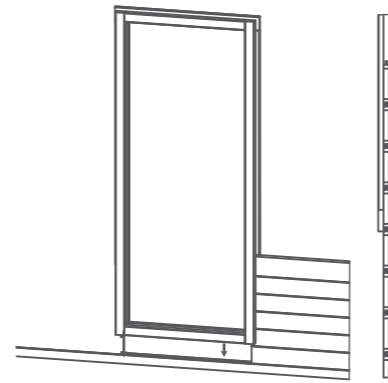
Ensure the window frame is resting on top of the starter board and the log boards (**No.31 or 29**) are locked flush into one side of the window frame.

***If you have not yet assembled your window or door frames please refer to steps 10 & 11.*

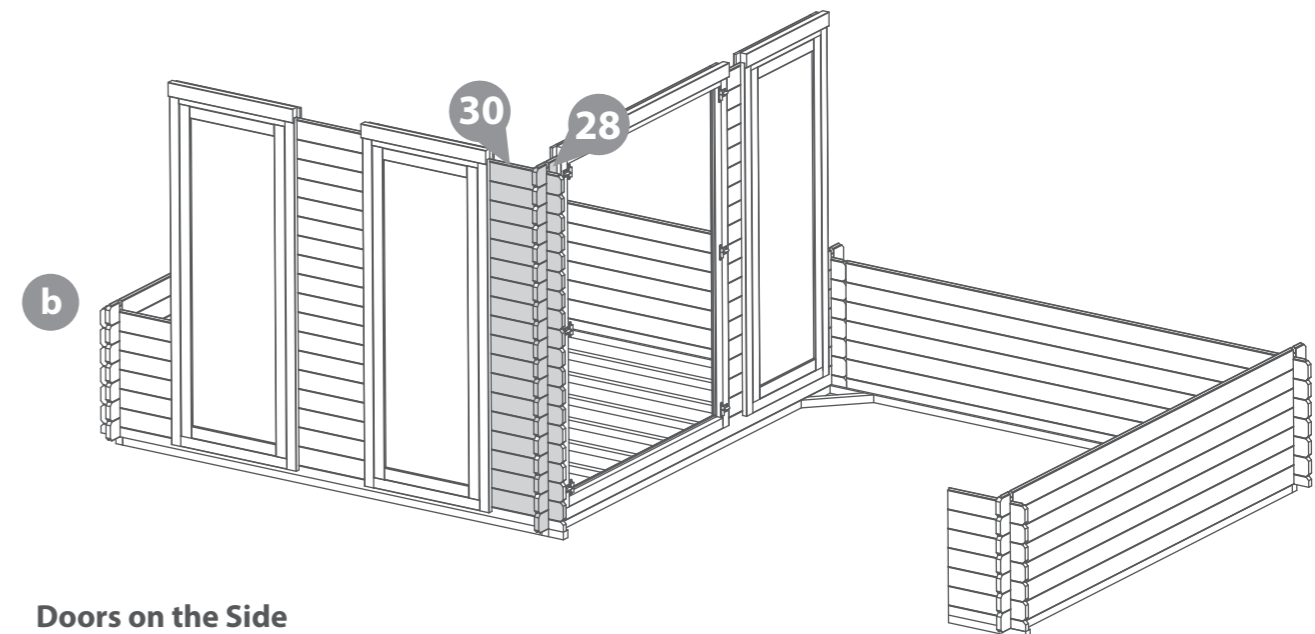
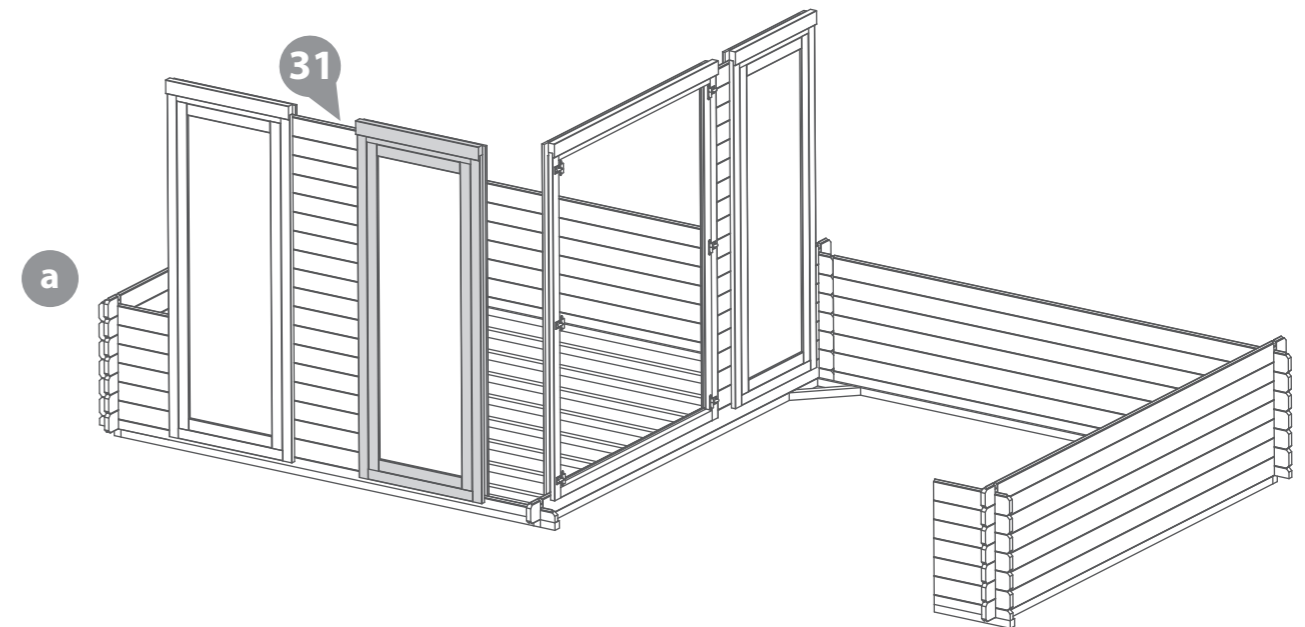
b Once the frame is in position, lay the log boards (**No.28 &30**) flush into the sides of the windows/door frames, interlocking each board to build up the front corner, securing the windows/door in place.

**Ensure that the boards are level and flush with each other as you lay each one.*


Rubber Mallet
may be required
to fit parts.



Doors on the Front



Doors on the Side

Step 15

**Parts Needed - No. 26 QTY 18
No. 27 QTY 6
No. 28 QTY 6
No. 30 QTY 12**

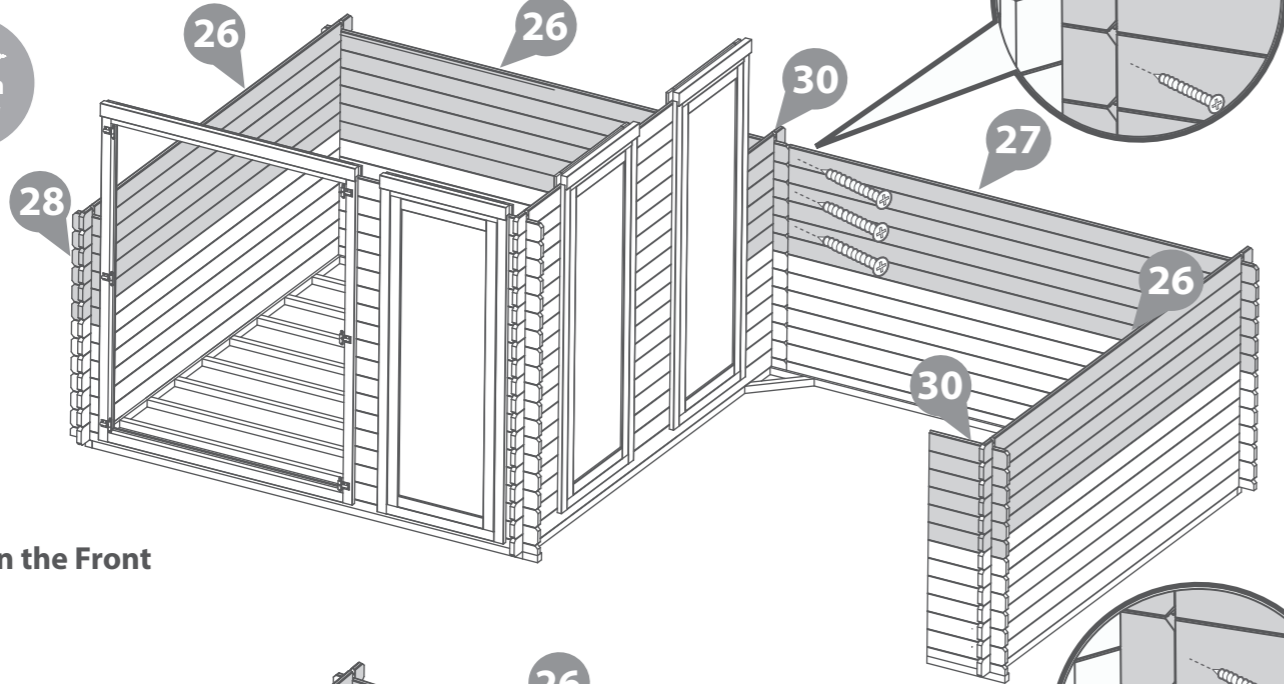
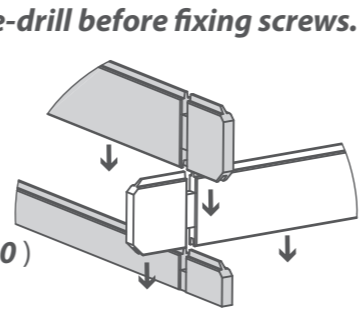
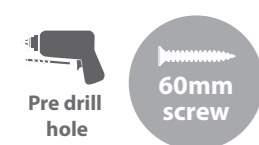
Following the method shown in the illustration, lay the next 6 boards (**No. 26, 27, 28 & 30**) onto the log cabin to create your second level.

***Ensure that the boards are level and flush with each other as you lay each one.**

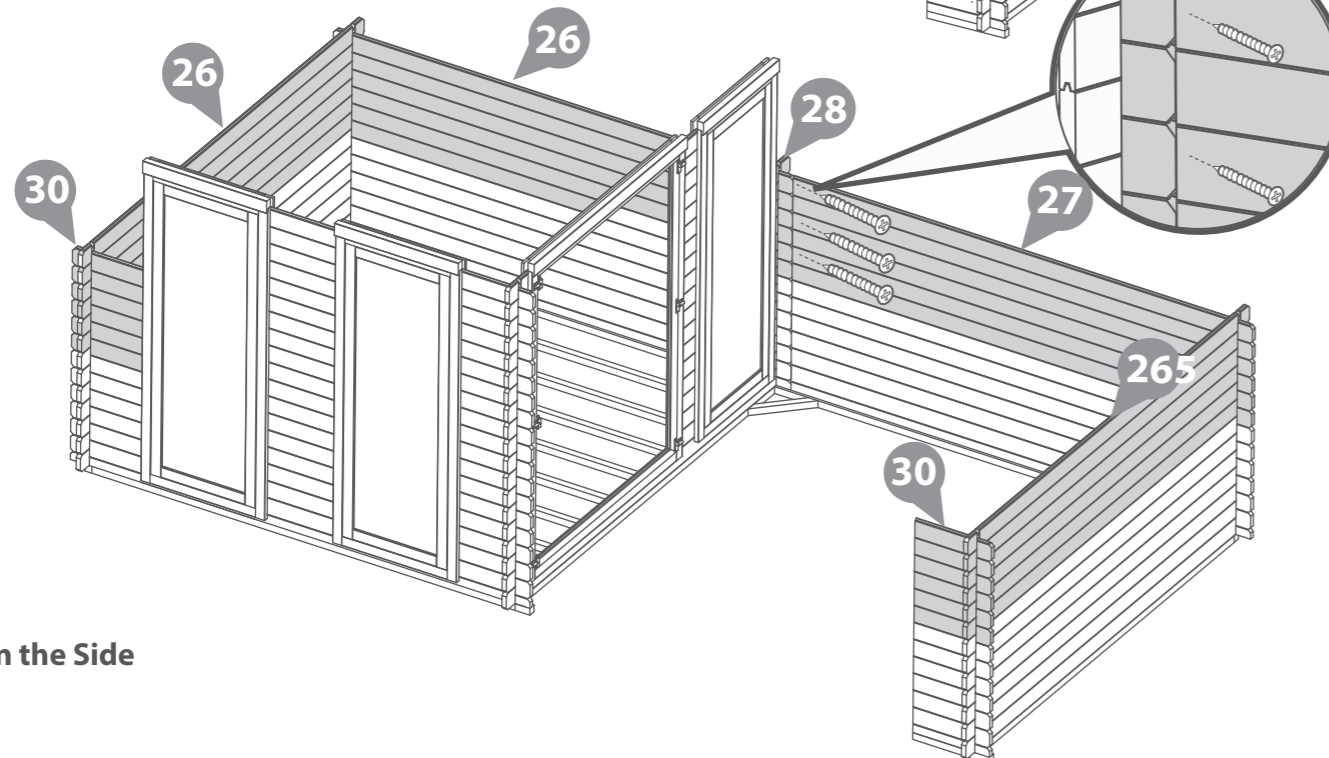
Ensure the boards (**No.27**) are level, flush and in line with the boards next to them.

Secure every other board (**No. 27**) in place by screwing through the side of the board at an angle into the end of the board next to it (**No. 26**), using 1x60mm screw per board.

3x60mm Screws



Doors on the Front



Doors on the Side

Step 16

**Parts Needed - No. 26 QTY 18
No. 27 QTY 6
No. 28 QTY 6
No. 30 QTY 12**

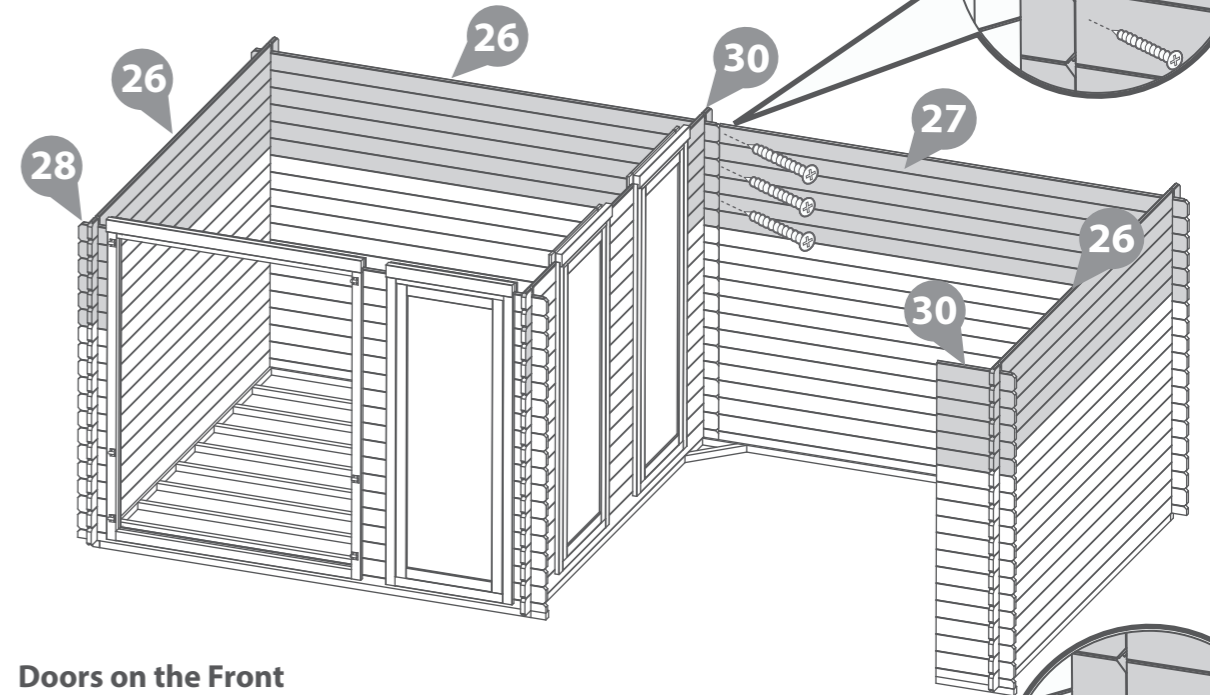
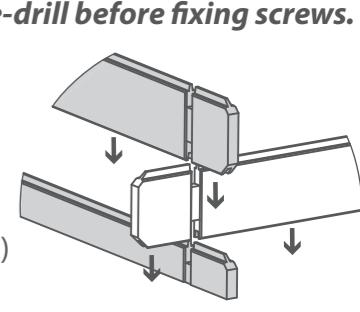
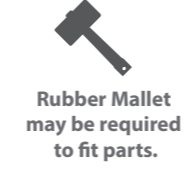
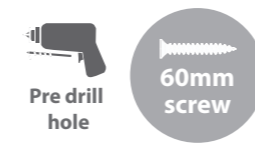
Following the method shown in the illustration, lay the next 6 boards (**No. 26, 27, 28 & 30**) onto the log cabin.

***Ensure that the boards are level and flush with each other as you lay each one.**

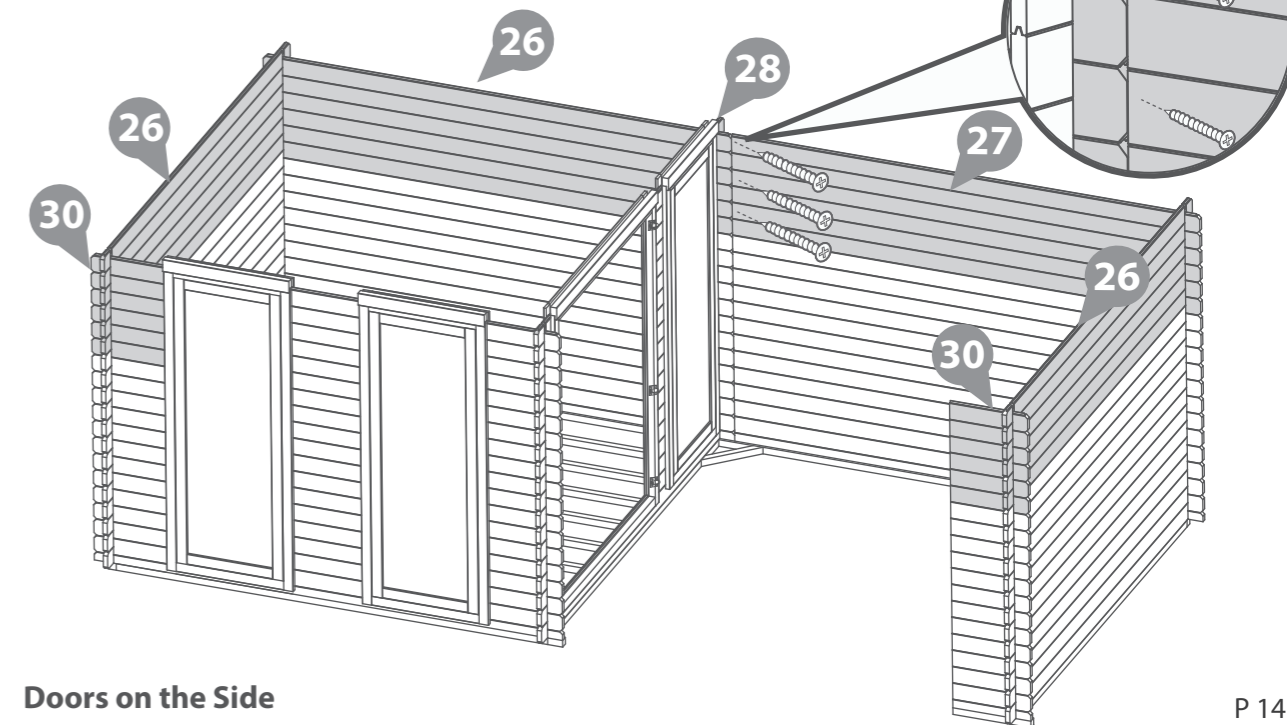
Ensure the boards (**No.27**) are level, flush and in line with the boards next to them.

Secure every other board (**No. 27**) in place by screwing through the side of the board at an angle into the end of the board next to it (**No. 26**), using 1x60mm screw per board.

3x60mm Screws



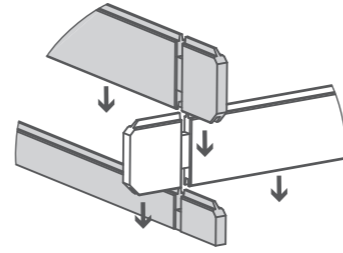
Doors on the Front



Doors on the Side

Step 17

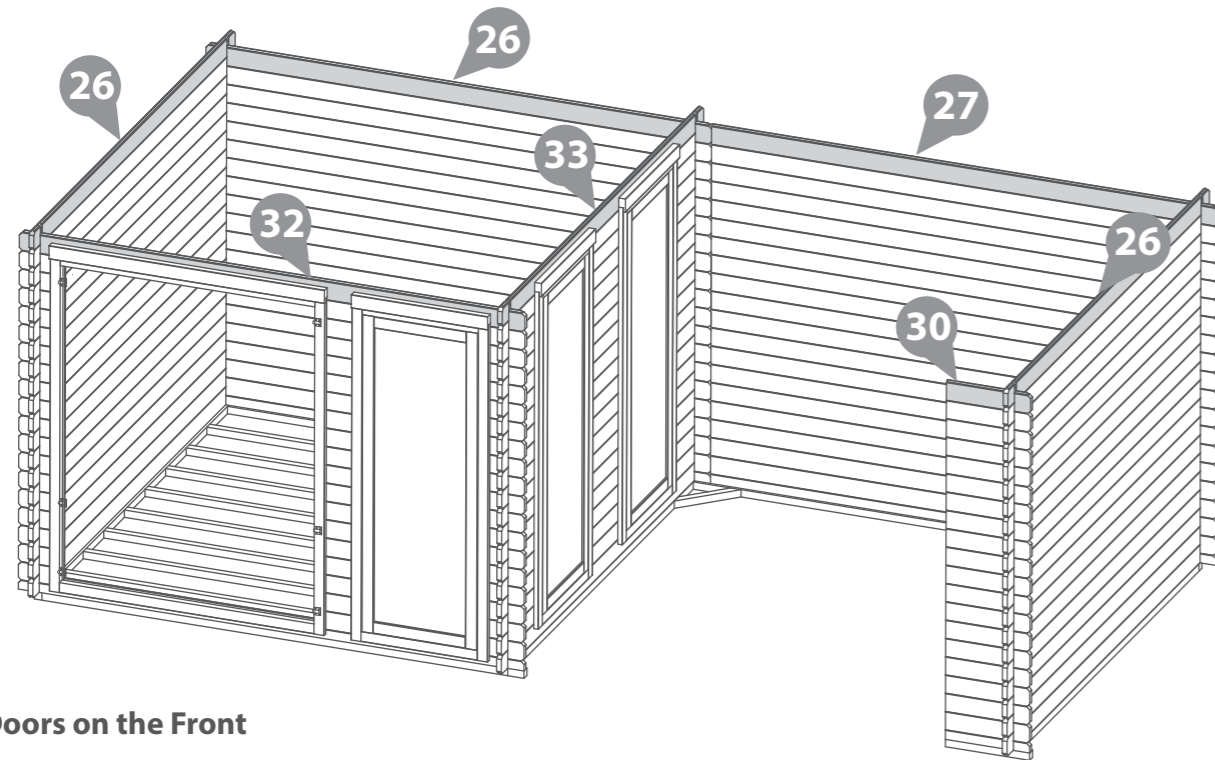
- Parts Needed - No. 26 QTY 3**
No. 27 QTY 1
No. 30 QTY 1
No. 32 QTY 1
No. 33 QTY 1



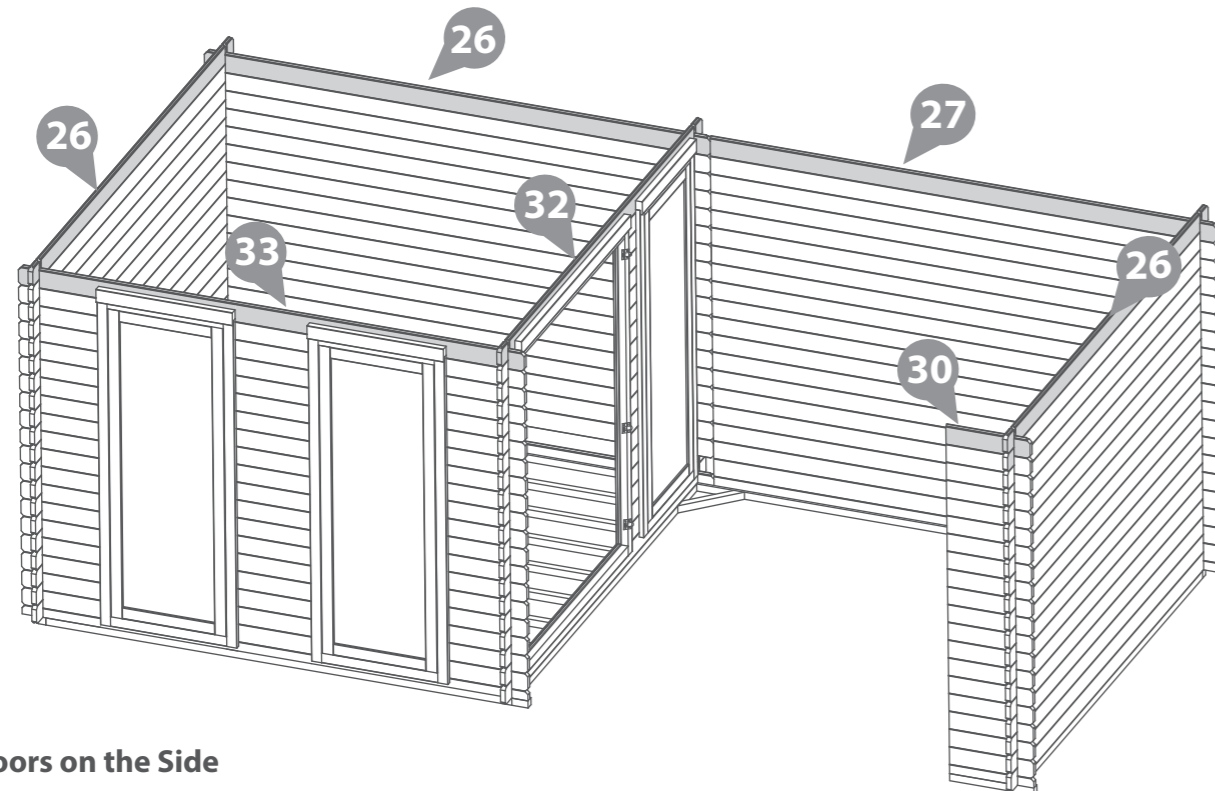
Following the method shown in the illustration, lay the next layer of boards (**No. 26, 27, 30, 32 & 33**) onto the log cabin

***Ensure that the boards are level and flush with each other as you lay each one.**

 Rubber Mallet may be required to fit parts.



Doors on the Front



Doors on the Side

Step 18

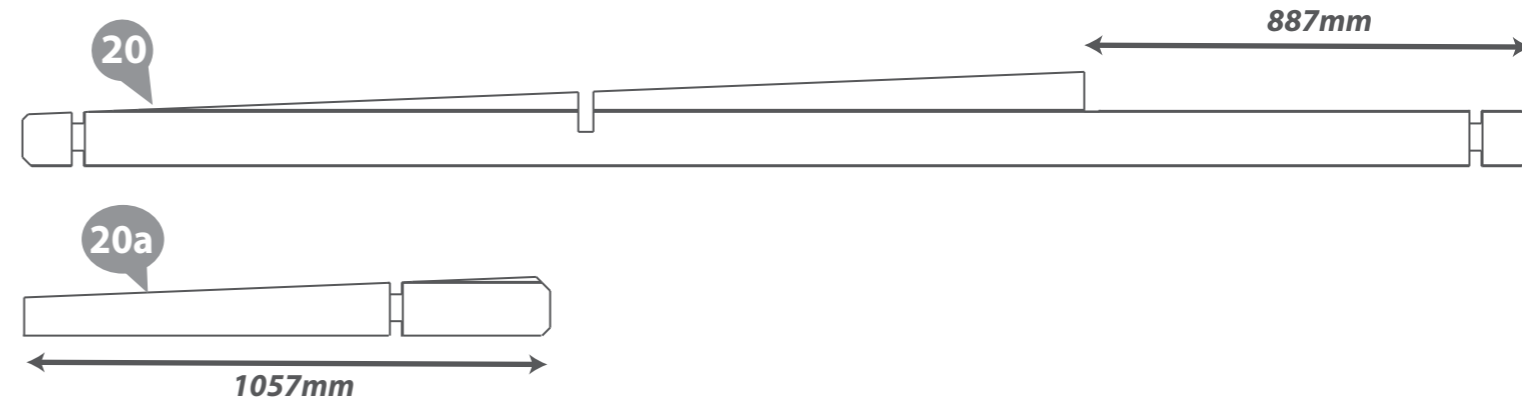
- Parts Needed - No. 20 QTY 1**
No. 21 QTY 1
No. 22 QTY 1

To ensure the building and roof are assembled correctly, the gables need to be located onto the correct sides of the log cabin. To do this the gables need to be measured and organised.

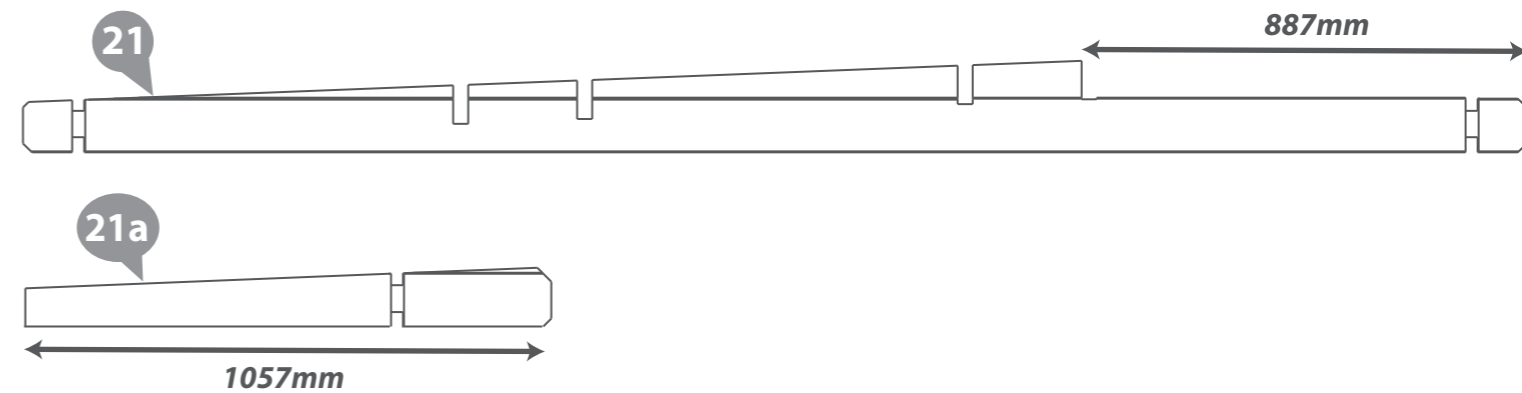
To find and organise your gables (**No. 20, 21 and 22**) use a tape measure to measure from the end of the bottom log board to the first cut out, as shown below.

To find and organise your gable points (**No. 20a, 21a and 22a**) use a tape measure to measure from one end of the log board to the other, as shown below.

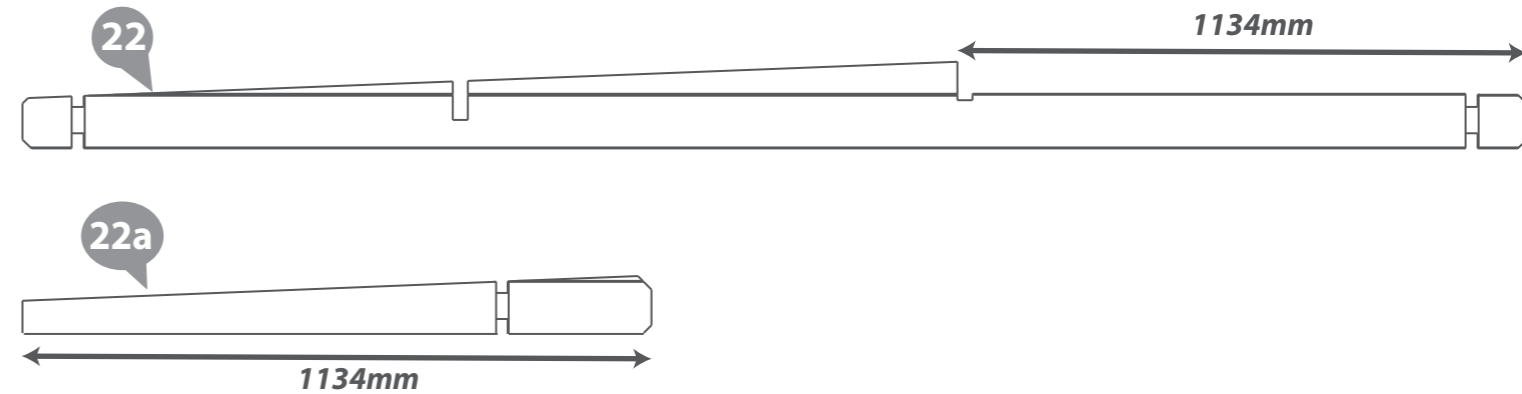
Left Gable (No.20 and 22a)



Middle Gable (No.21 and 21a)

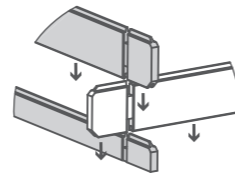


Right Gable (No.22 and 22a)



Step 19
Parts Needed - No. 20 QTY 1 **No. 26 QTY 2**
No. 21 QTY 1 **No. 27 QTY 1**
No. 22 QTY 1 **No. 30 QTY 1**

IMPORTANT : Pre-drill before fixing screws.



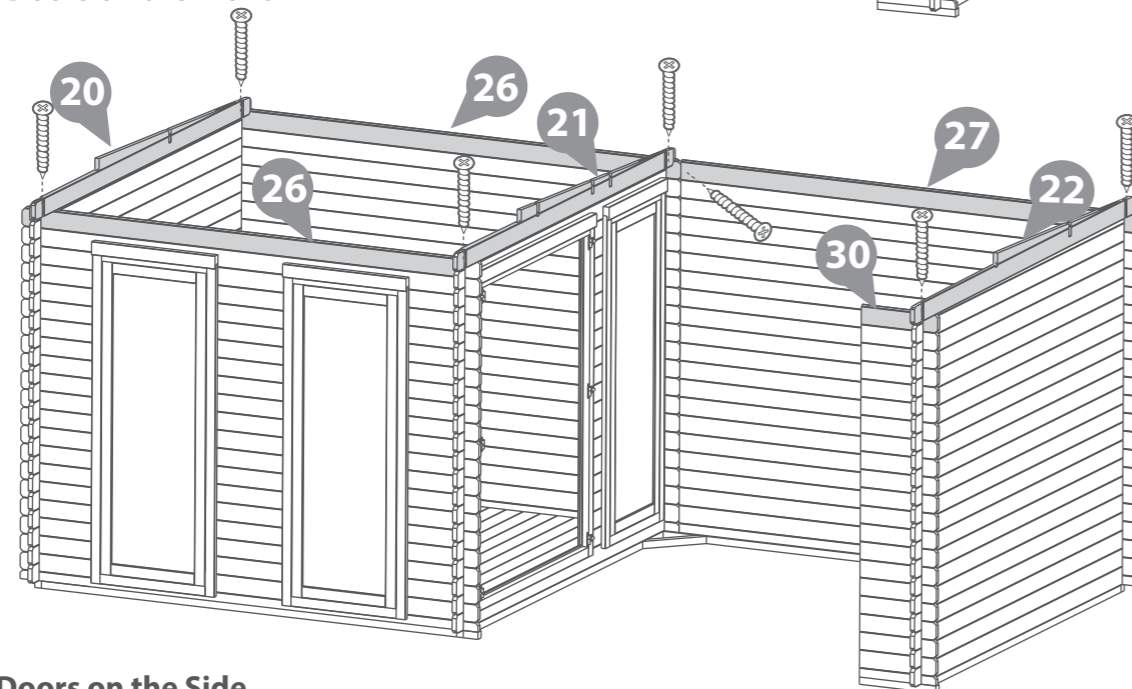
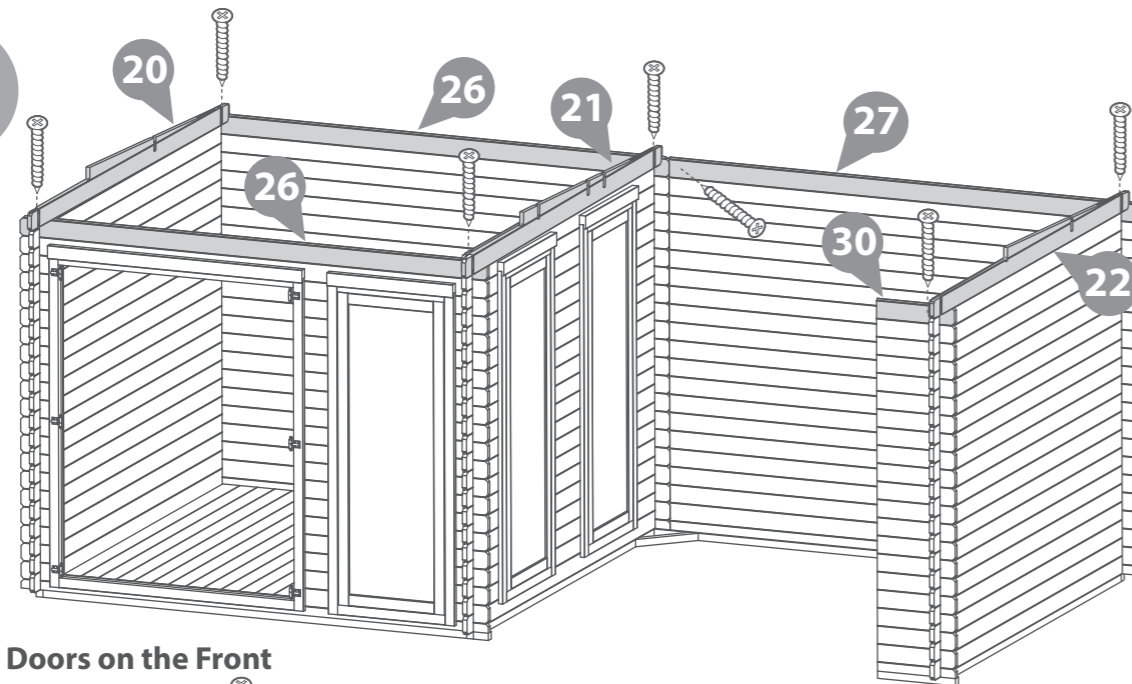
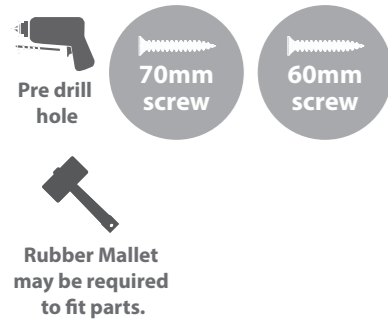
Following the method shown in the illustration, place the Log boards (**No. 26 , 27 & 30**), the Left Gable (**No. 20**), the Middle Gable (**No. 21**) and the Right Gable (**No.22**) onto the log cabin.

***Ensure that the boards are level and flush with each other as you lay each one.**

Fix each board to the one below by screwing through the notch using 1x70mm screw per corner, as shown in the illustration

Secure board (**No.27**) in place by screwing through the side of the board at an angle into the end of the board next to it (**No. 26**), using 1x60mm screw.

6x70mm Screws
1x60mm Screw



Step 20
Parts Needed - No. 20a QTY 1
No. 21a QTY 1
No. 34 QTY 1

IMPORTANT : Pre-drill before fixing screws.

Following the method shown in the illustration, place the Left Gable Point (**No. 20a**), the Middle Gable Point (**No. 21a**) and the Log board (**No. 34**) onto the Cabin area of the Log Cabin, as shown in the illustration.

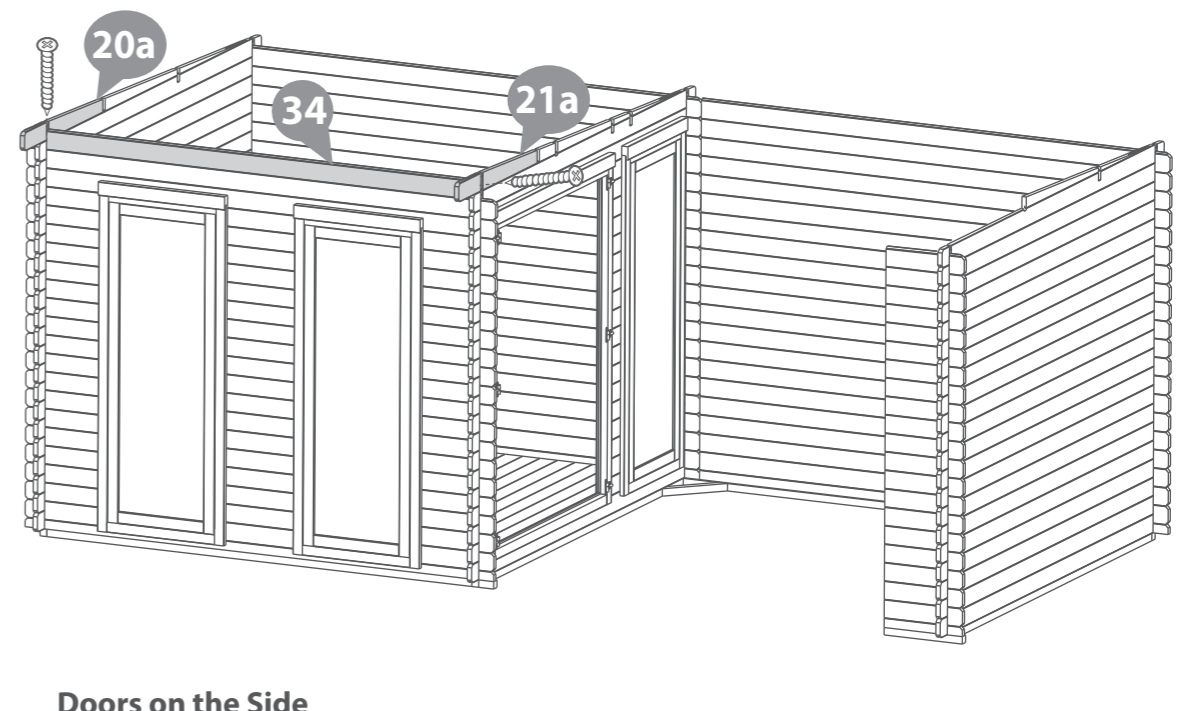
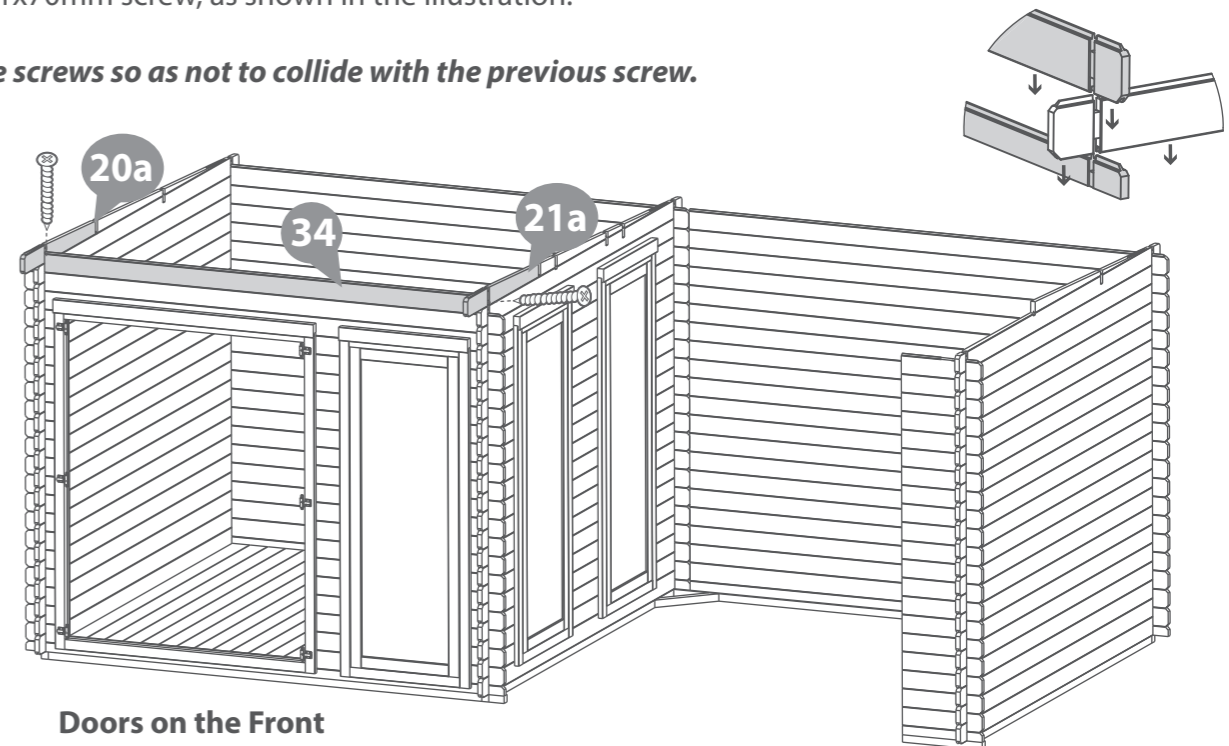
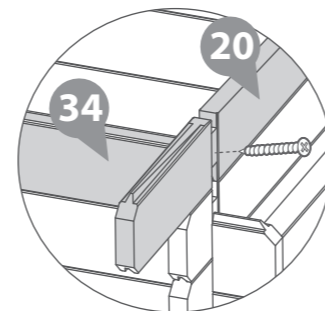
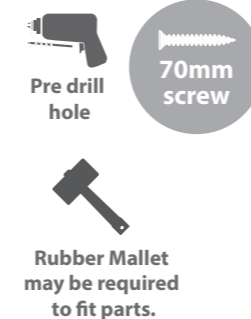
***Ensure that the boards are level and flush with each other as you lay each one.**

Fix to fix the Left Gable Point (**No. 20a**) to the Left Gable (**No. 20**) below by screwing through the notch/board using 1x70mm screw, as shown in the illustration

Secure board (**No.34**) in place, by screwing through the notch of the Middle Gable Point (**No.21a**) into the end of board (**No.34**) using 1x70mm screw, as shown in the illustration.

****Ensure to stagger the screws so as not to collide with the previous screw.**

2x70mm Screws



Step 21

**Parts Needed - No. 22a QTY 1
No. 35 QTY 1**

IMPORTANT : Pre-drill before fixing screws.

Following the method shown in the illustration, place the Right Point (**No. 22a**) and the Log board (**No. 35**) onto the Patio area of the Log Cabin, as shown in the illustration.

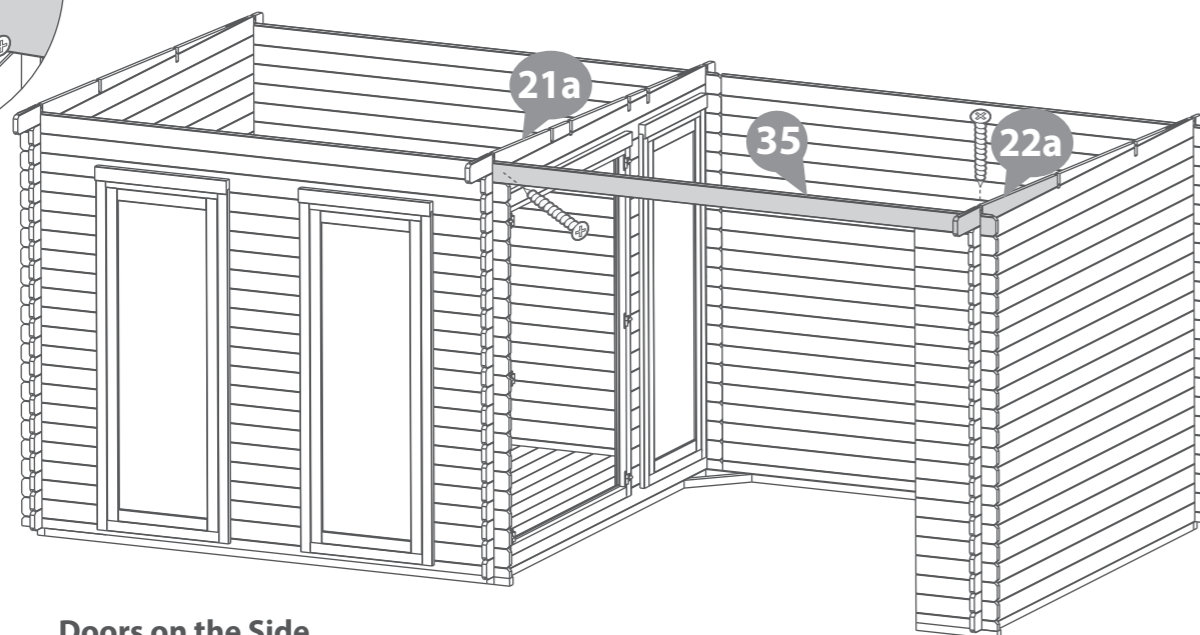
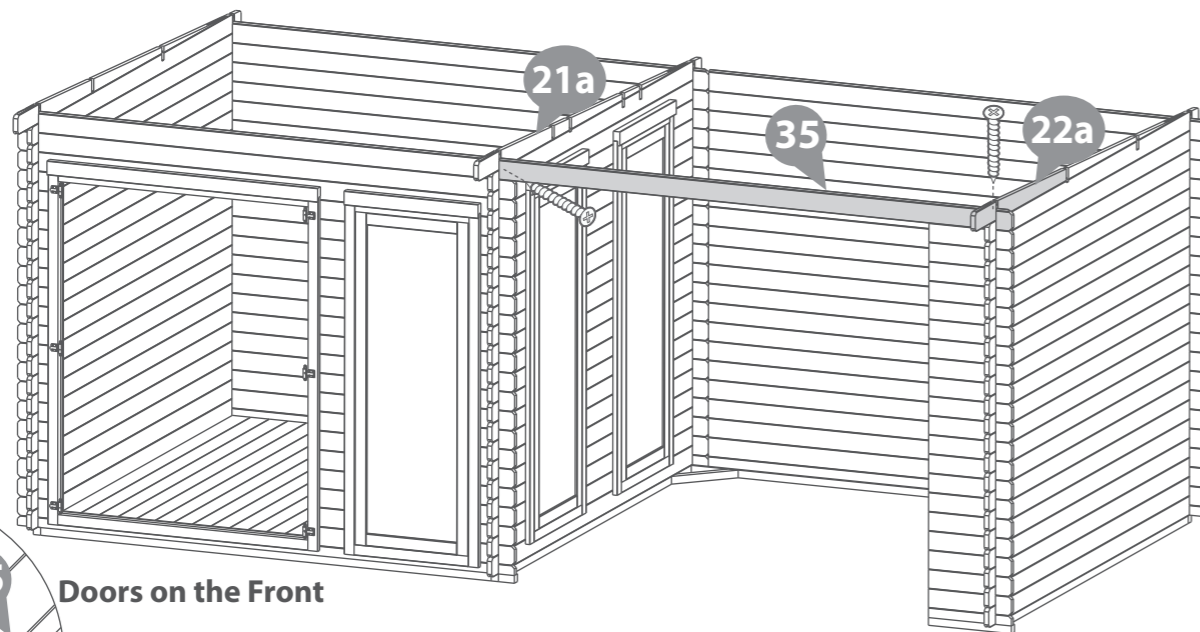
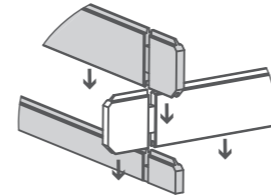
***Ensure that the boards are level and flush with each other as you lay each one.**

Fix to fix the Right Gable Point (**No. 22a**) to the Right Gable (**No. 22**) below by screwing through the notch/board using 1x70mm screw, as shown in the illustration

Secure board (**No.35**) in place by screwing at an angle through the side of the board (**No.35**) into the Middle Gable Points notch (**No.21a**) using 1x70mm screw, as shown in the illustration.

****Ensure to stagger the screws so as not to collide with the previous screw.**

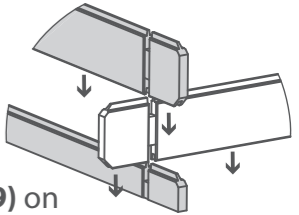
2x70mm Screws



Step 22

**Parts Needed - No. 36 QTY 1
No. 37 QTY 1
No. 38 QTY 1
No. 39 QTY 1**

IMPORTANT : Pre-drill before fixing screws.



Following the method shown in the illustration, place the finisher boards (**No. 36, 37, 38 & 39**) on to the Log Cabin.

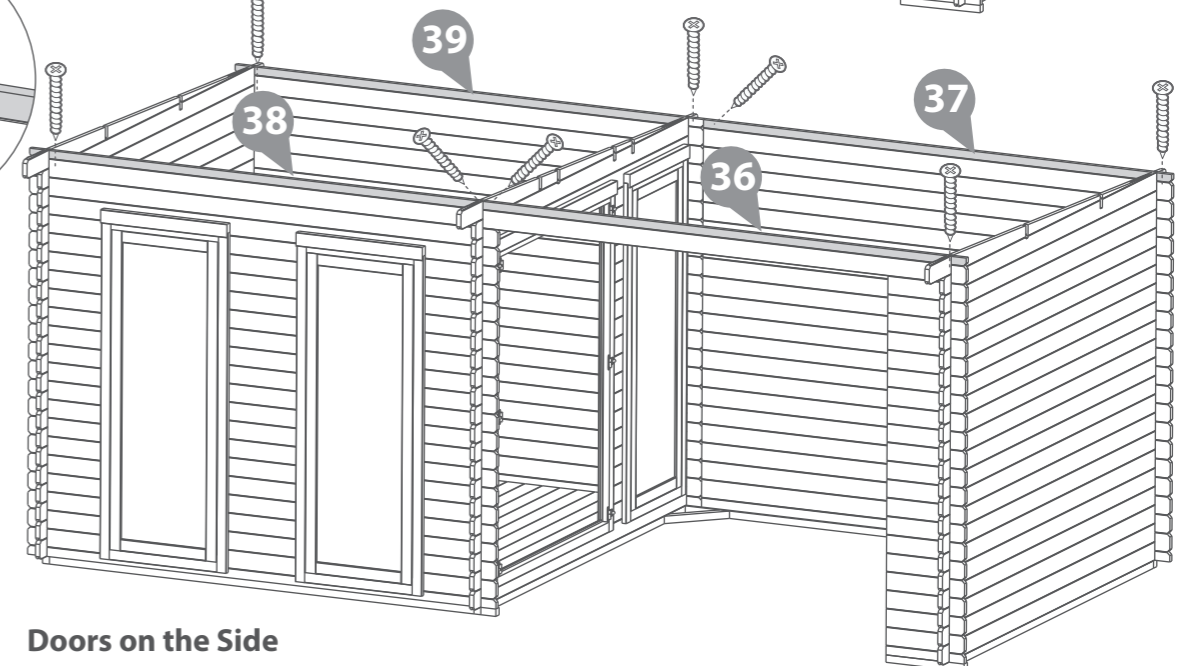
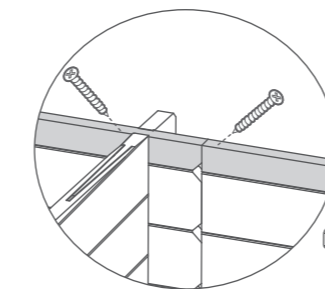
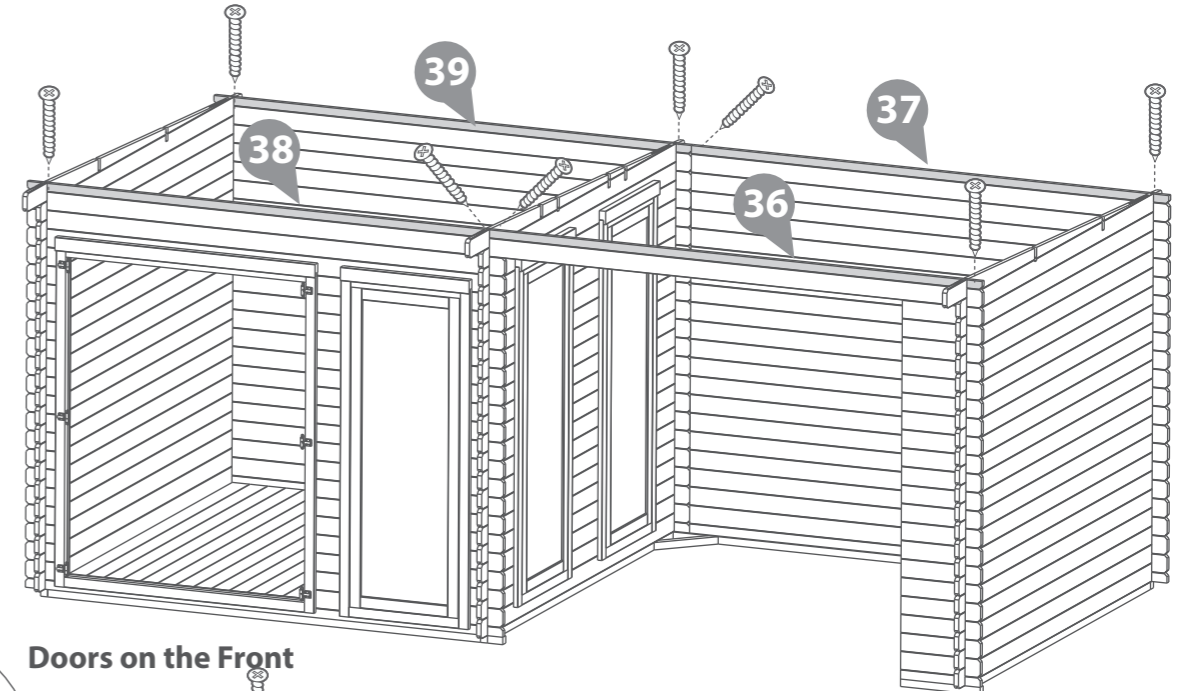
***Ensure that the boards are level and flush with each other as you lay each one.**

Fix each board to the one below by screwing through the notch/board using 1x70mm screw per corner, as shown in the illustration

Secure boards (**No.36 & 37**) in place by screwing through the board at an angle into the adjacent gable/board using 70mm screws, as shown in the illustration

****Ensure to stagger the screws so as not to collide with the previous screw.**

8x70mm Screws



Step 23

Parts needed - No. 52 QTY 2

IMPORTANT : Pre-drill before fixing screws.

Place the double storm braces (No.52) on either side of the patio area, (internally and externally) ensuring to locate it centrally over where the middle log boards sit flush, as shown in the illustration.

***Ensure the storm braces are secured at the highest point possible on each side.**

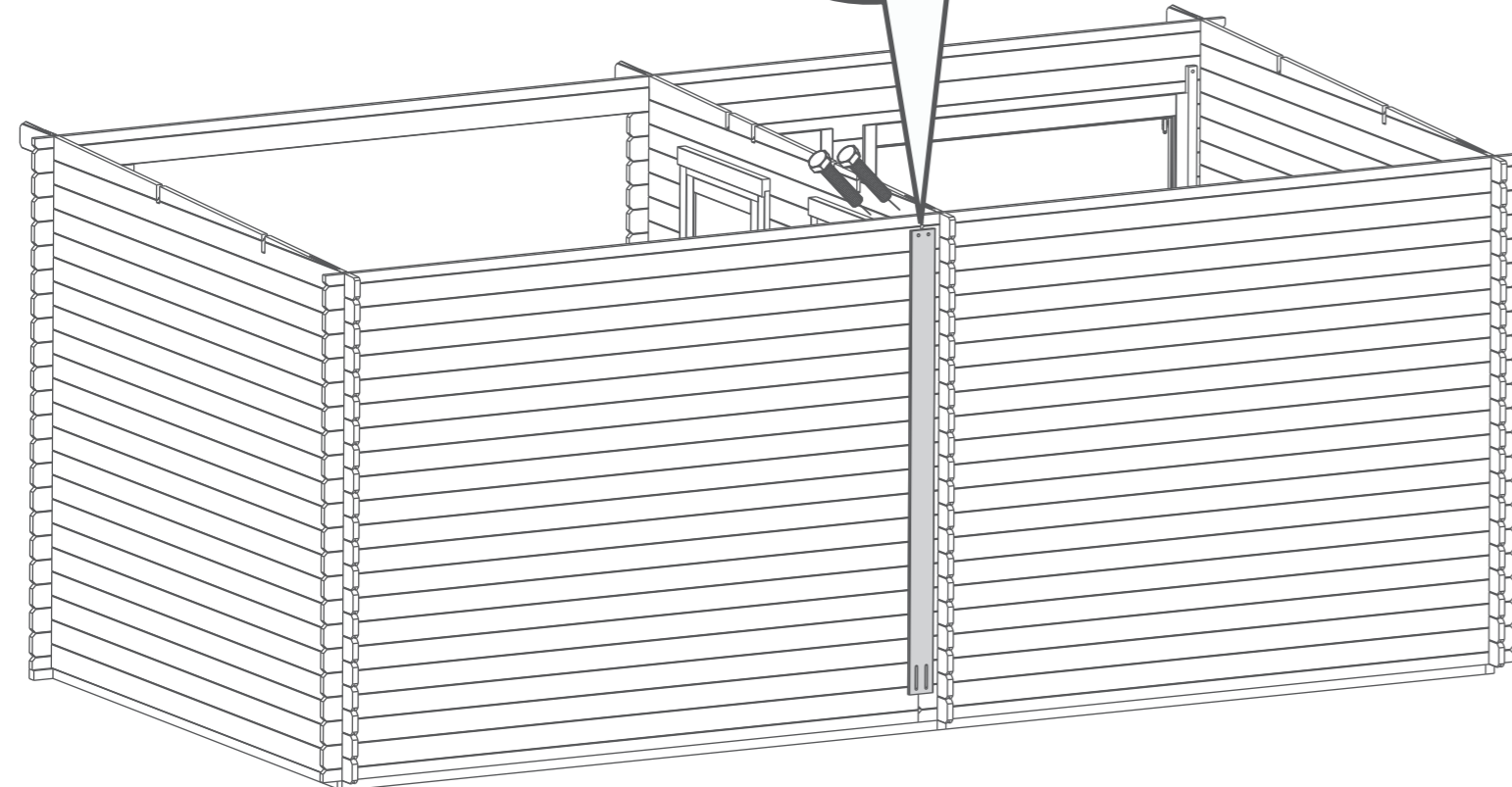
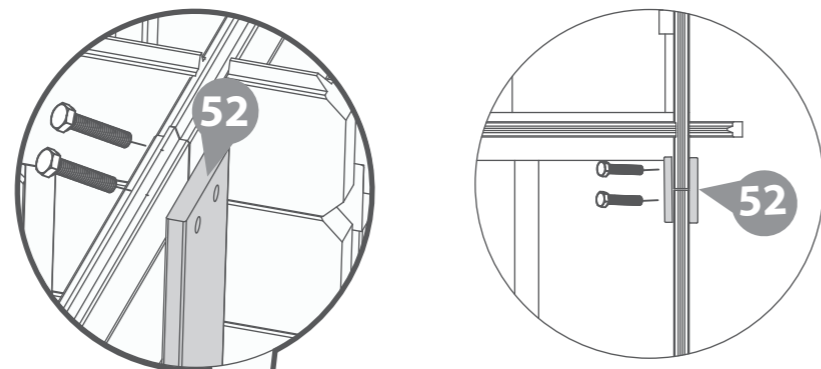
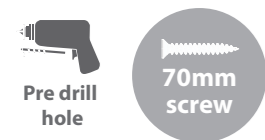
The storm braces will need to be altered during the buildings life as the moisture content within the log boards changes. The boards will expand during periods of high moisture (Winter) and shrink during periods of low moisture (Summer.)

****Storm braces will help your building expand and contract properly.**

*****It is important that each bolt is tightened using a washer so as not to damage the log boards.**

Secure the double storm braces into position from the inside of the cabin using 4x90mm bolts (2 at the top, 2 at the bottom), making sure the washer & nut are tightened from the outside of the logcabin. Ensure the bolts go through both the internal and external double storm brace.

4x90mm Bolts



Step 24

Parts needed - No. 40 QTY 1
No. 41 QTY 1

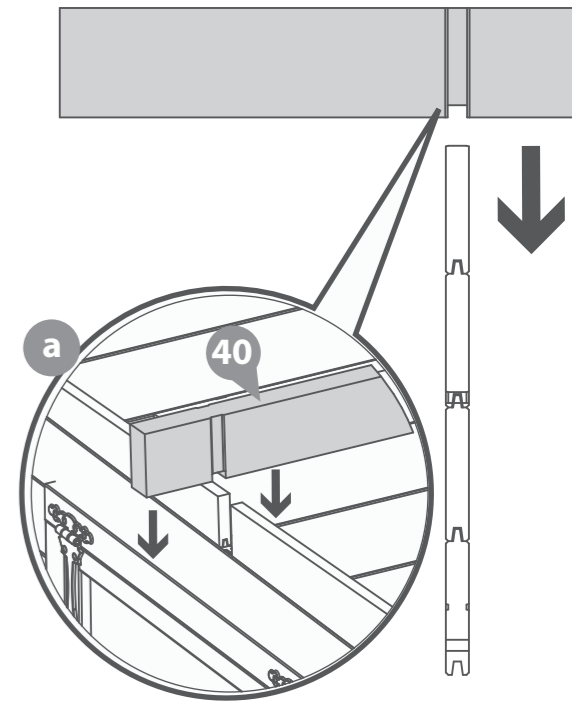
IMPORTANT : Pre-drill before fixing screws.

Align the 2996mm Roof Purlins (No.40) into the cut out notches on the cabin side of the log cabin, ensuring they interlock. The purlins should interlock with the notches in the Left Gable (No.20) and the 1st and 3rd notches on the Middle Gable (No.21).

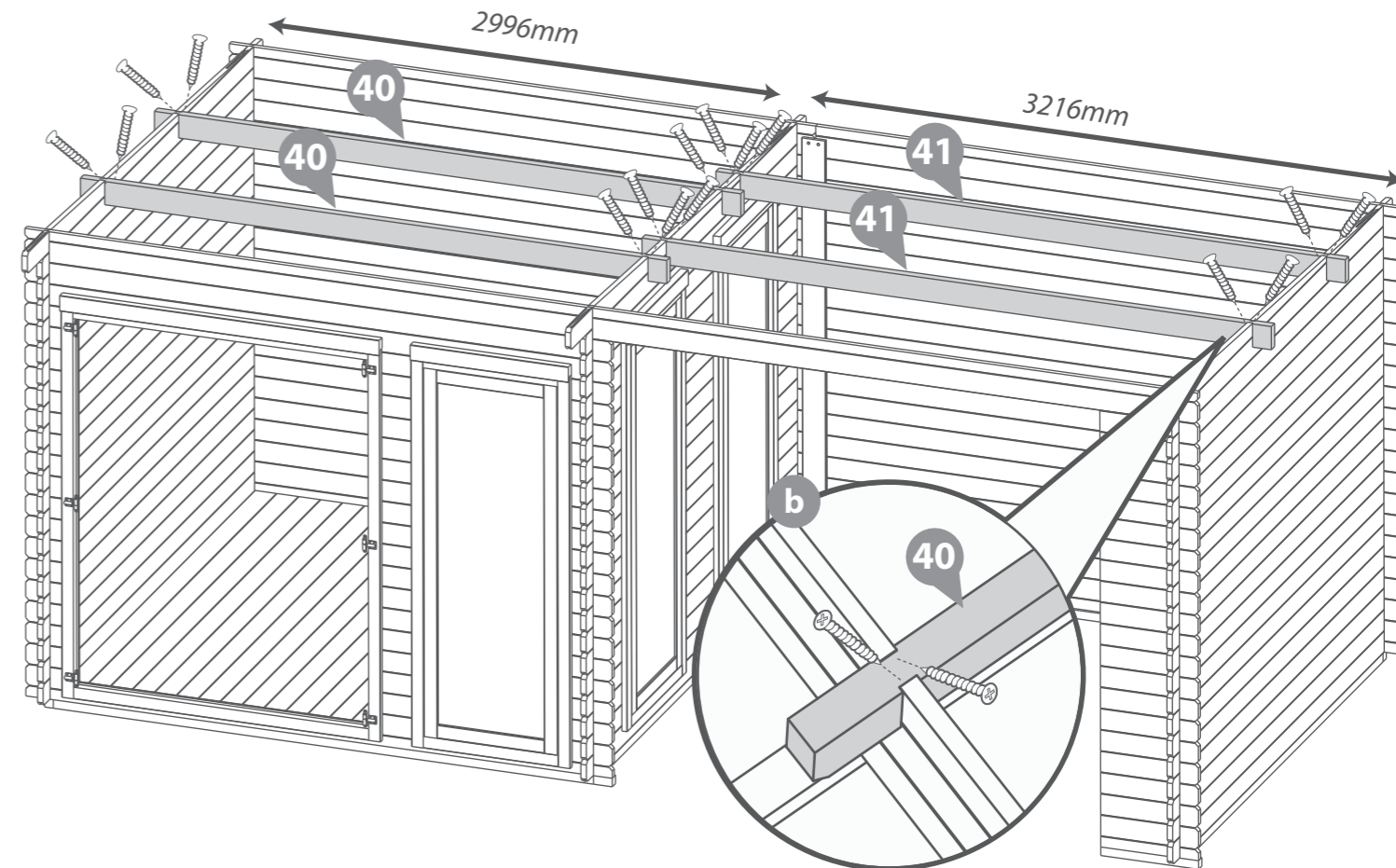
Align the 3216mm Roof Purlins (No.41) into the cut out notches on the patio side of the log cabin, ensuring they interlock. The purlins should interlock with the notches in the Right Gable (No.22) and the 2nd and 4th notches on the Middle Gable (No.21).

Secure the roof purlins by screwing through the purlin into the gable (ensure to pre-drill to avoid the boards splitting) using 2x70mm screws per notch.

***Please note:** The gable shown is for illustrative purposes and may differ in width from your choice in product. Nevertheless, despite any differences the process of fixing the purlins is the same.



16x70mm Screws



Step 25

Parts needed - No. 48 QTY 55

IMPORTANT : Pre-drill before fixing screws.

a Place the first roof board (**No. 48**) onto the log cabin, making sure the boards are flush to the end of the roof purlin. Ensure there is an even amount of overhang between the log boards and roof board at the front and back of the cabin. Once in position fix to the purlins, front and back of the log cabin using 4x40mm screws.

Ensure the roof boards are not laid too close together, use the spacers (**No.57**) provided to create a 2mm gap. Adjusting the spacing between the boards allows the wood to swell in damp weather.

Continue to place the roof boards onto the roof, ensuring each roof board is interlocked and level. Once in position fix the roof boards to the purlin, front and back of the log cabin using 4x40mm screws per roof board.

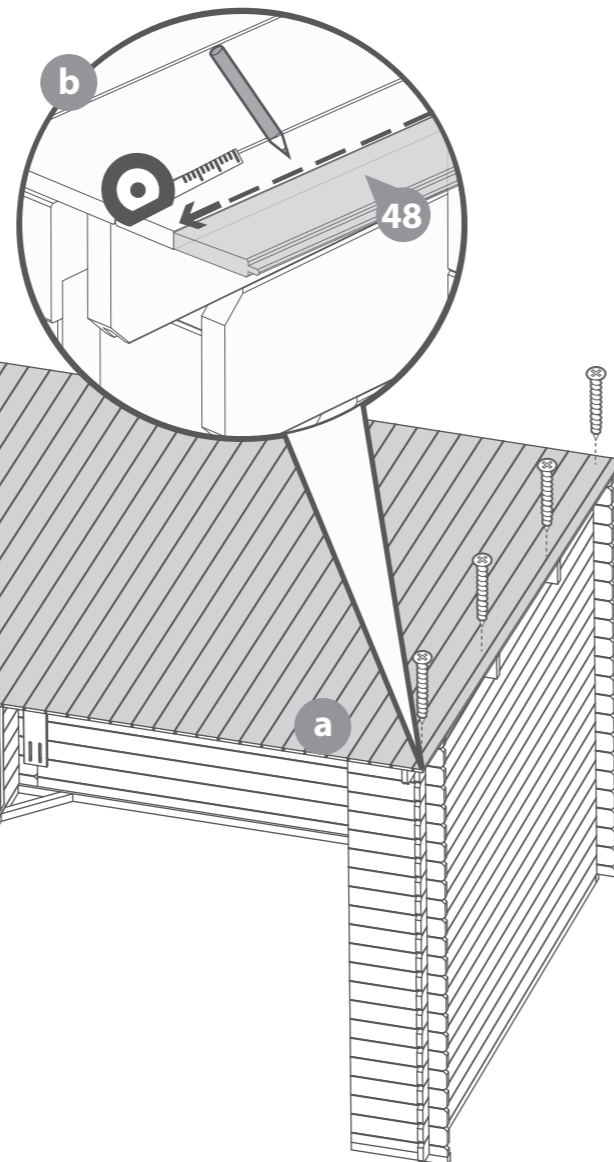
You have been issued with 55 roof boards, but in reality you may only need to use 54.

b The last board will overhang. Using a straight edge and a pencil, mark out a line as a guide.

Cut along the pencil mark and remove the excess. Place the cut down board's back onto the roof and secure into place using 4x40mm screws per board.

**Please Note: This image is for illustrative purposes and may differ from your choice in product. Nevertheless the process of cutting and fitting the last roof board(s) is the same.*

220x40mm Screws



Step 26

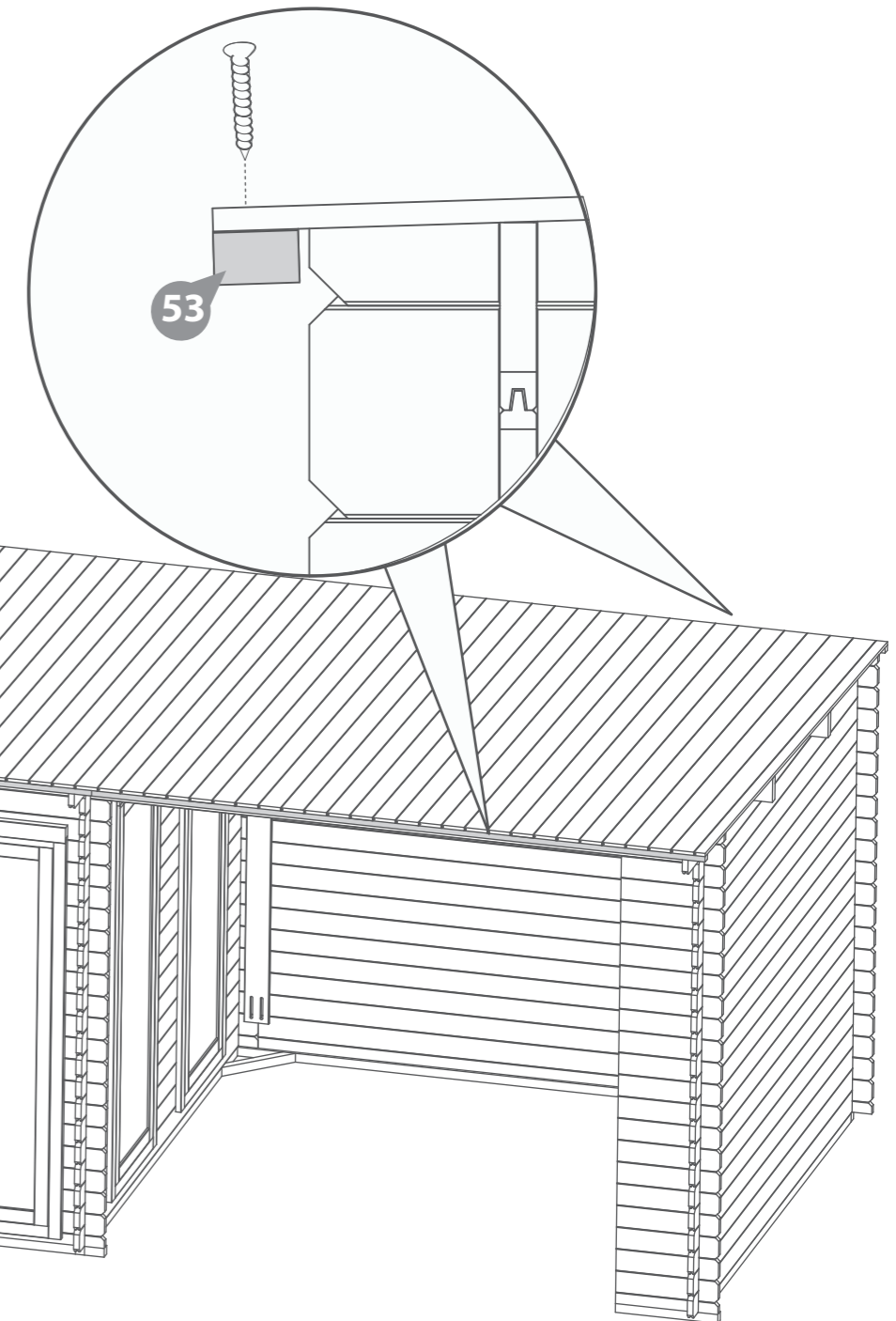
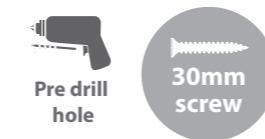
Parts Needed - No. 53 QTY 4

IMPORTANT : Pre-drill before fixing screws.

Ensuring the roof boards are flush at the overhanging side, fix the eaves frames (**No. 53**) to the underside of the roof boards using 9x30mm screws per frame, as shown in the illustration

**Please Note: This image is for illustrative purposes and may differ from your choice in product. Nevertheless the process of fixing the eaves frames is the same.*

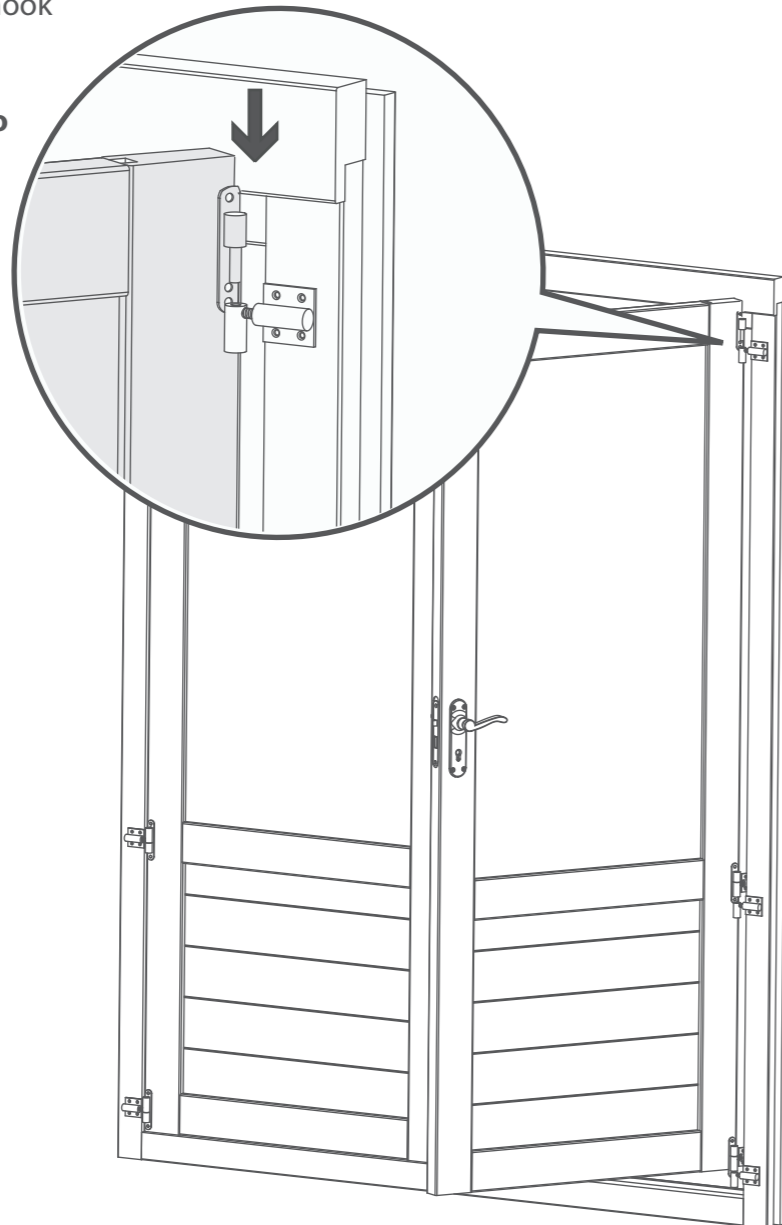
36x30mm Screws



Step 27

Lift each door onto the already existing hooks on the door frame, ensuring the hook and bands connect.

***Some adjustment may be required to align properly.**



Step 28

**Parts Needed - No. 16 QTY 1
No. 17 QTY 1
No. 18 QTY 1**

a Fit the Mortice lock (**No. 17**) into the recess in the master door (**No. 7**) and secure using the screws provided. Attach the Key plate (**No. 18**) to the secondary door (**No. 8**) with 4x30mm screws.

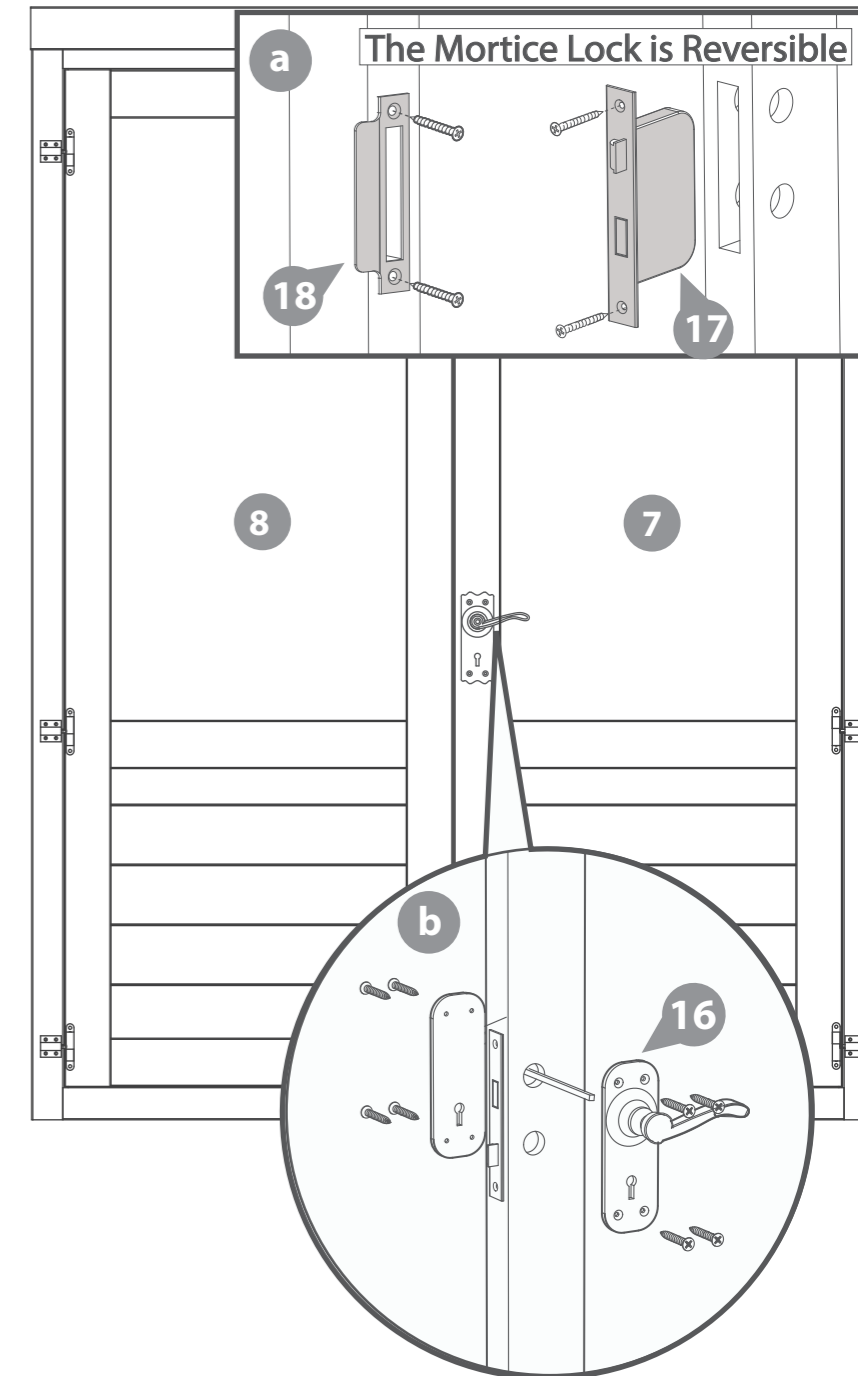
b Fit the door handles (**No. 16**) and connect with the metalbar to the mortice lock using 8x30mm screws. Ensure the lock mechanism closes correctly. If not, remove the lock and turn the catch around using the small grub screw.

***Please note:** This image is for illustrative purposes and may differ from your choice in product (**regarding ironmongery**). Nevertheless the process of fixing the frames is the same. Once components have been fitted, try closing doors to ensure the doors can be closed and the lock works. If your doors do need adjusting please look at step 9.

12x30mm Screws



IMPORTANT : Pre-drill before fixing screws.



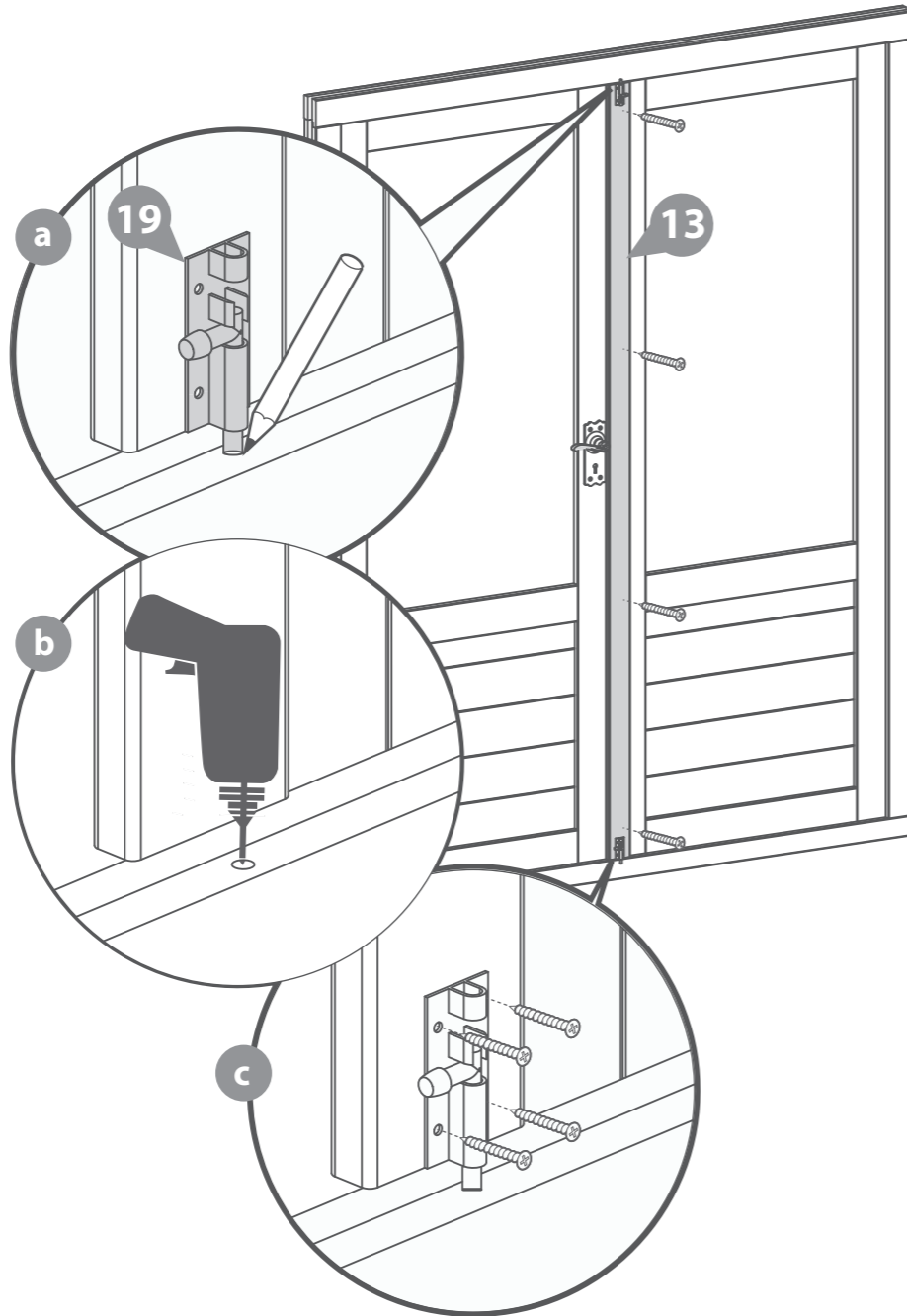
Step 29
Parts Needed - No. 13 QTY 1
No. 19 QTY 2

Attach the Door Strip (**No. 13**) to the back of the secondary door using 4x40mm screws as shown.

a Once fixed, place the Tower Bolts (**No. 19**) roughly into position at the top/bottom of the door strip. With a pencil mark the around the bolt.

b After marking the bolt onto the frame, drill a hole for the barrel bolt to locate into.

c Following the hole being drilled, place the tower bolts into position and secure using 4x40mm screws per bolt.



12x40mm Screws



Pre drill hole

40mm screw

IMPORTANT : Pre-drill before fixing screws.

Step 30
Parts Needed - No. 49 QTY 26

Place the first floor board (**No. 49**) inside the building flush to the log board on one side. Continue adding the floor boards (*internally*) making sure to interlock each individual board.

You have been issued with 26 floor boards, but in reality you may only need to use 25.

***Do NOT secure the boards until the last board has been measured and cut.**

Following the same method outlined previously measure the gap between the bottom of the tongue (**on the last board placed**) and the log board.

Using a straight edge mark out the measurement onto the last floor board (**No. 49**) and cut along the length removing the excess.

****Please note:** Mark the final board 2mm under the measurement; This will allow the timber to expand and contract correctly.

Once all the floor boards are in position secure each board into position using 8x40mm screws per board.

*****Please Note:** Ensure to screw through each of the floor boards into the floor bearers.

208x40mm Screws



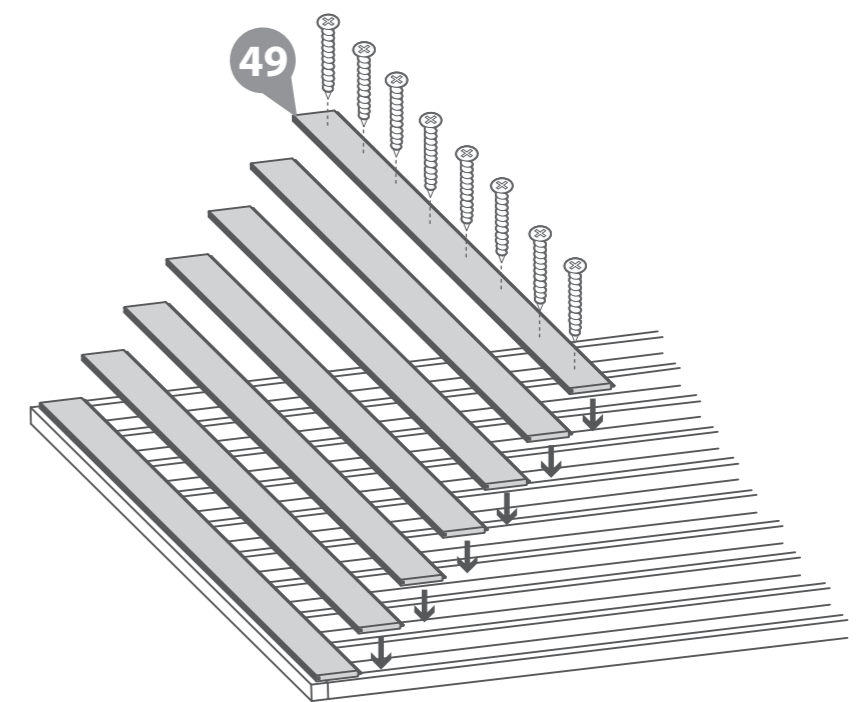
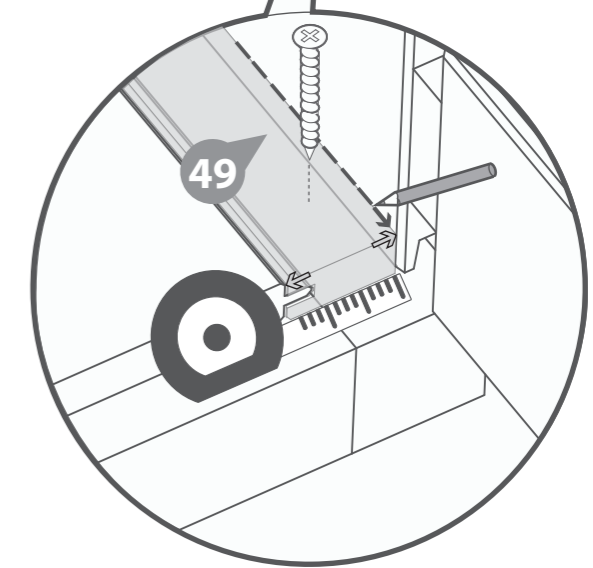
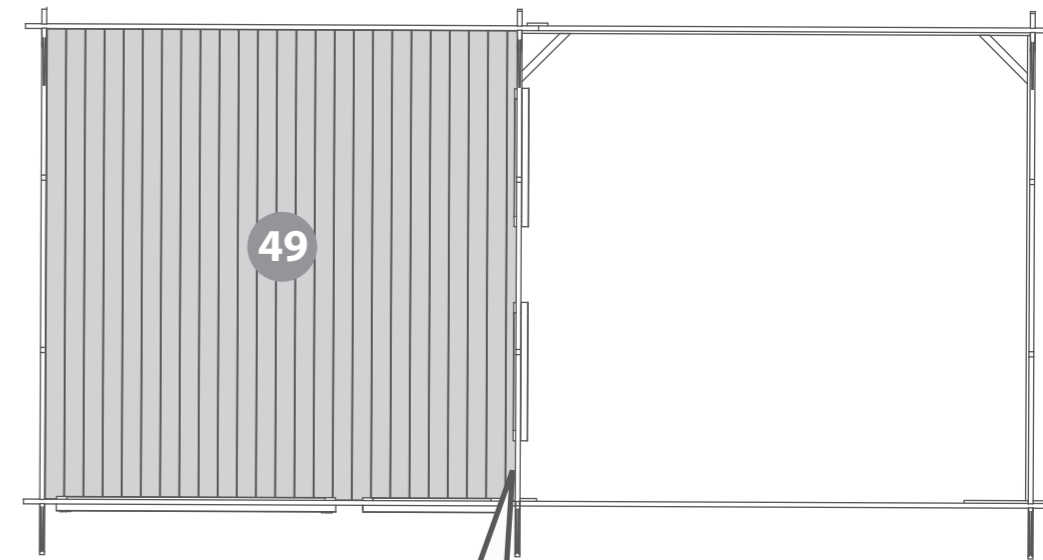
*Cut to fit



Pre drill hole

40mm screw

IMPORTANT : Pre-drill before fixing screws.



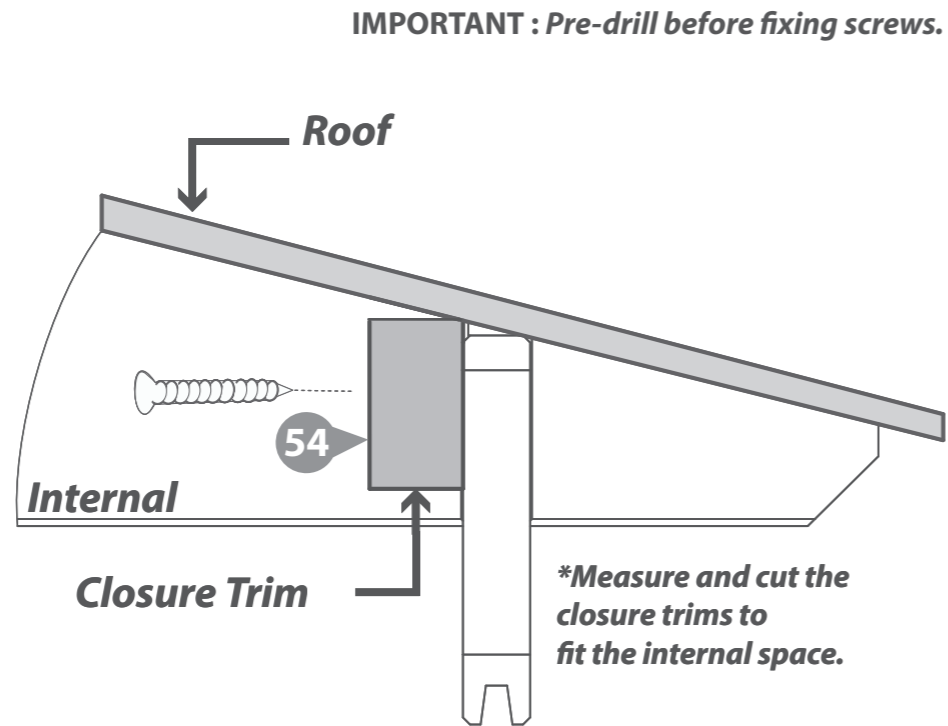
Step 31
Parts needed - No. 54 QTY 8

Inside the building place the closure trim (No. 54) against the boarding and align with the roof as shown in the illustration.

**Measure and cut the closure trims to fit the internal space.*

Once in position fix each trim into place by pre drilling a pilot hole and using 6x30mm screws per trim, equally spacing them along the face of the board.

48x30mm Screws



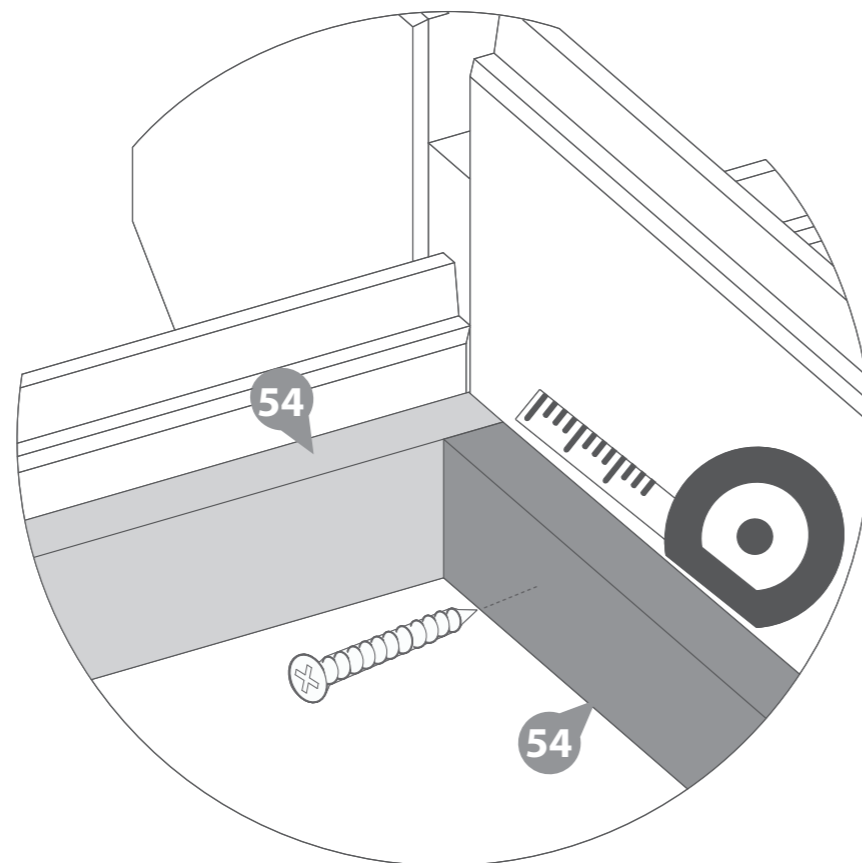
Step 32
Parts needed - No. 54 QTY 7

Once the floor has been laid arrange the closure trim (No. 54) around the outside edge of floor (*internally*), measure and cut down accordingly to best match the internal space.

Secure each trim section into place using 6x30mm spaced equally along the board as shown in the illustration.

**Do NOT fix the closure trim to the floor boards.*

42x30mm Screws



Step 33
Parts needed - No. 56

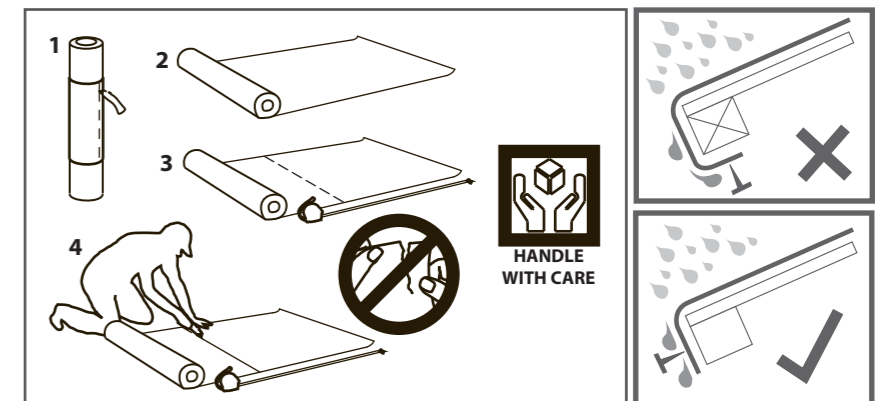
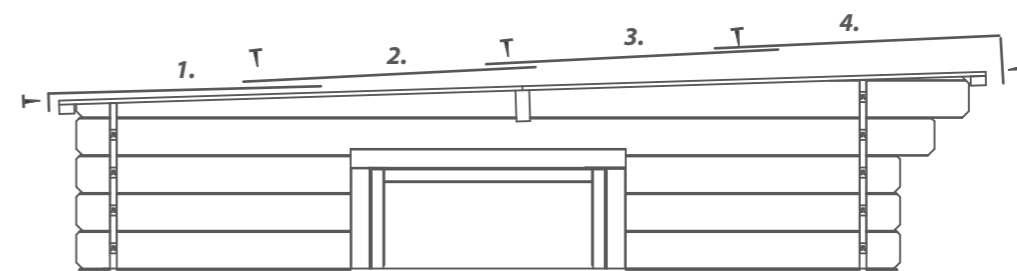
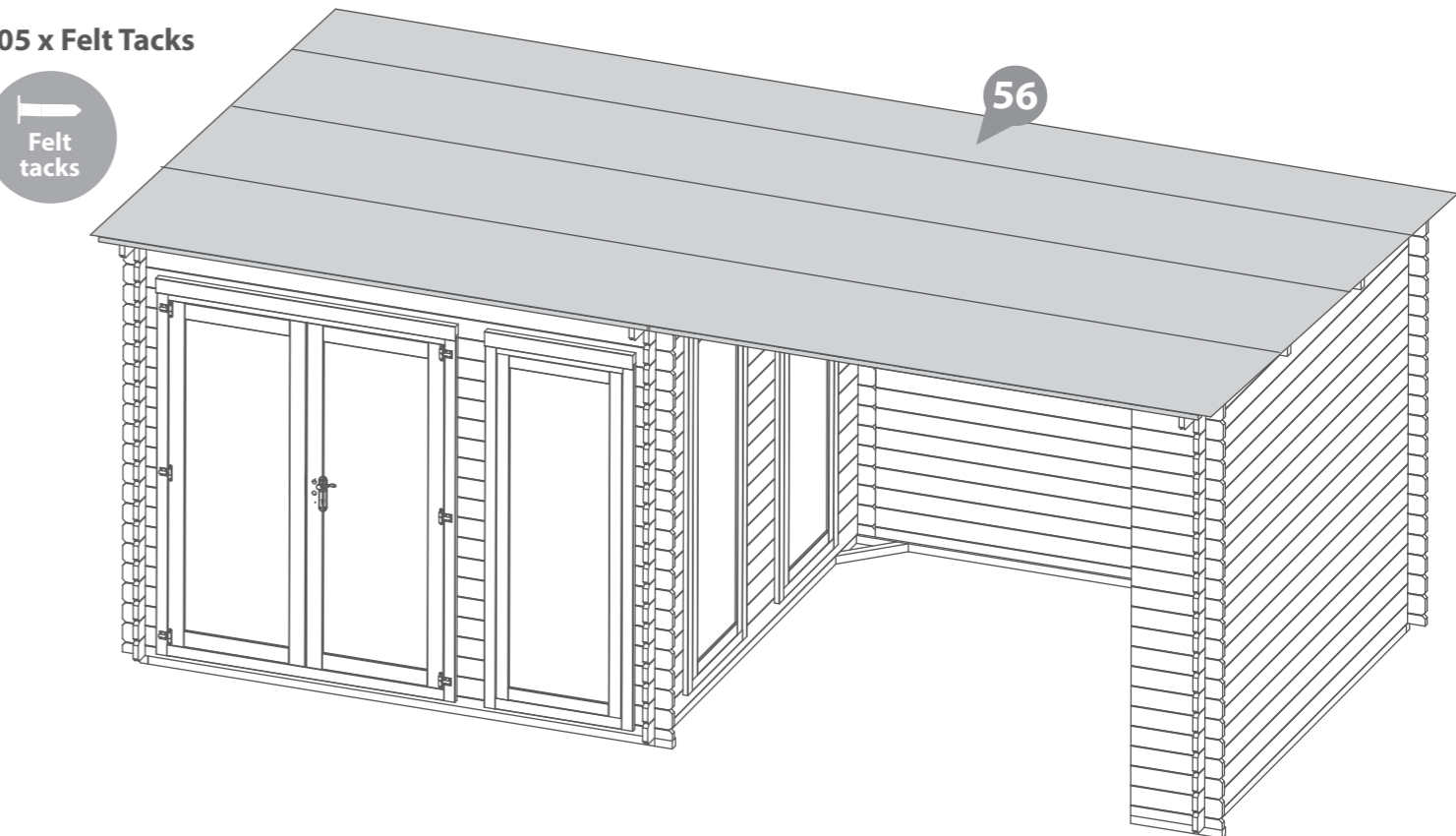
Cut the felt into four strips (6100mm (L) X 1000mm (W)) and lay onto the roof in the order shown in the illustration.

**Ensure there is approximately 50mm of overhanging felt each side.*

Once the felt is laid out fix to the roof using felt tacks at 100mm intervals.

**Felt size: 6100mm (L) X 1000mm (W)*

305 x Felt Tacks



Step 34

Parts Needed - No. 50 QTY 4
No. 51 QTY 2

IMPORTANT : Pre-drill before fixing screws.

Attach the fascia's (**No. 51**) to the sides of the log cabin (**ensuring to trap the felt in between the fascia's**) securing in place by screwing through the fascia into the purlins using 4x60mm screws per fascia.

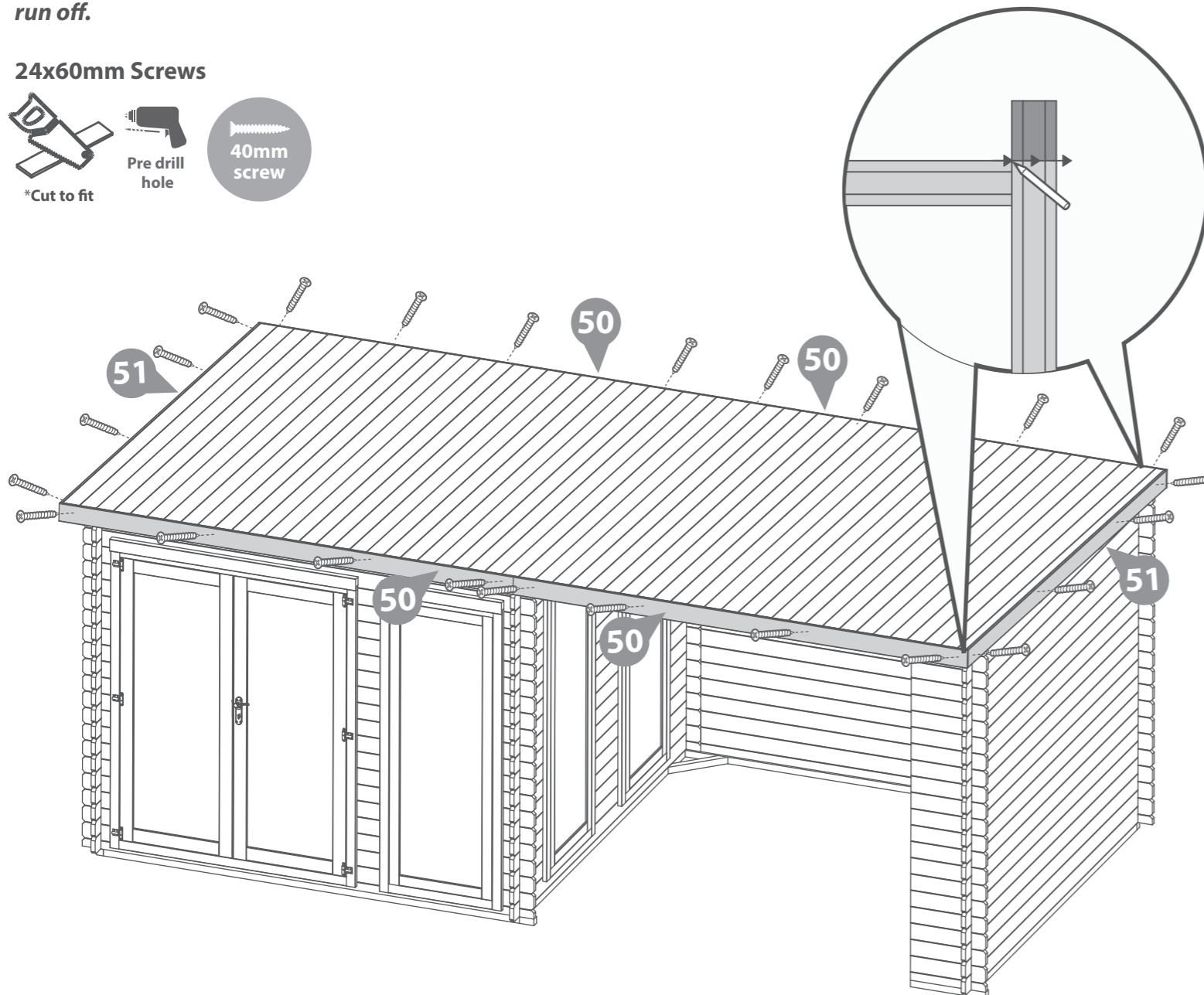
Once in place mark the excess fascia with a pencil and trim the fascias to follow the shape of the building as shown in the illustration.

Align the fascias (**No. 50**) centrally to the front and back of the log cabin (**ensuring to trap the felt in between the fascia's**) and secure in place using 4x60mm screws per fascia.

Once in place, repeat the above method to trim the fascias to follow the shape of the building.

Ensure the fascias at the back of the log cabin sit level or lower than the felt to allow water to run off.

24x60mm Screws



Step 35

Parts needed - No. 55 QTY 13

IMPORTANT : Pre-drill before fixing screws.

Arrange the storm braces (**No.55**) around the building (**internally**).

Inside the Cabin area, place two storm braces per wall. In the Patio area, place two storm braces on the back wall and three on the side wall.

Fix in place using 2 x 70mm bolts per brace, making sure the washer & nut are tightened from the outside of the building.

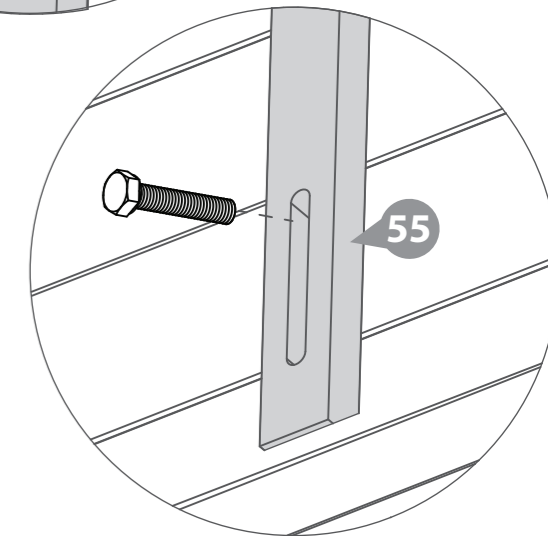
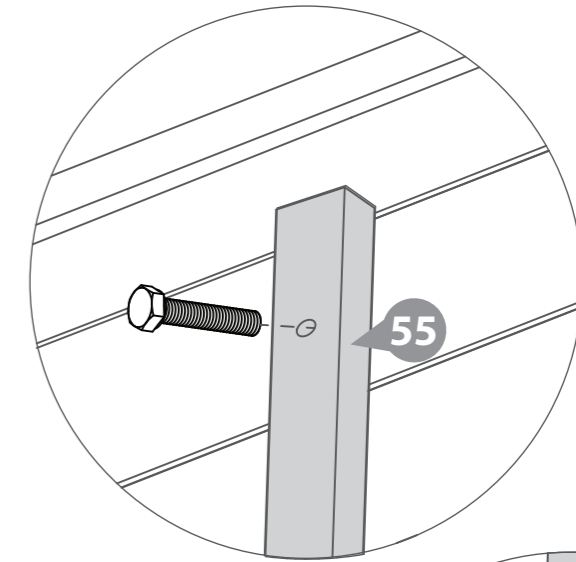
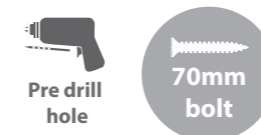
***Ensure the storm braces are secured at the highest point possible on each side.**

The storm braces will need to be altered during the buildings life as the moisture content within the log boards changes. The boards will expand during periods of high moisture (Winter) and shrink during periods of low moisture (Summer.)

****Storm braces will help your building expand and contract properly.**

*****Important: Ensure each bolt is tightened using a washer so as not to damage the log boards.**

26x70mm Bolt Sets



Step 36
Parts Needed: No. 6 QTY 3
No. 14 QTY 1

IMPORTANT : Pre-drill before fixing screws.

Attach the Rain Guards (**No. 6**) to the Window frame, fixing in place onto the framing above the window using 3x70mm screws per rain guard.

Attach the Rain Guard (**No. 14**) to the Door frame, fixing in place onto the framing above the Door using 3x70mm screws.

12x70mm Screws.

