

0634RARE0302ND1SW-V1

34MM LOG CABIN, REVERSE APEX, CORNER LODGE (GRANDE), 5M X 3M, HALF GLAZED DOUBLE DOORS, THREE SHORT 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.



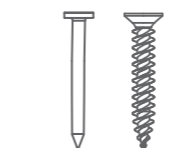
Ensure to measure and check before cutting boards.



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

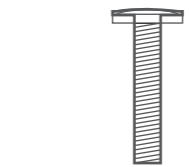


To ensure log boards are even, use a spirit level to check each layer has been installed correctly.



Screws & Nails

—
Measure overall length
—



Bolts

—
Measure under the head
—

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

For assistance please contact customer care on: 01636 821215

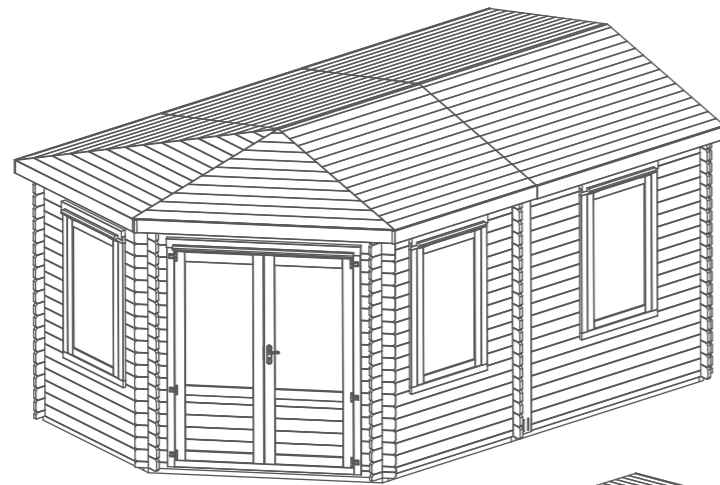
Mercia Garden Products Limited,
Sutton On Trent,
Newark,
Nottinghamshire,
NG23 6QN

www.merciagardenproducts.co.uk

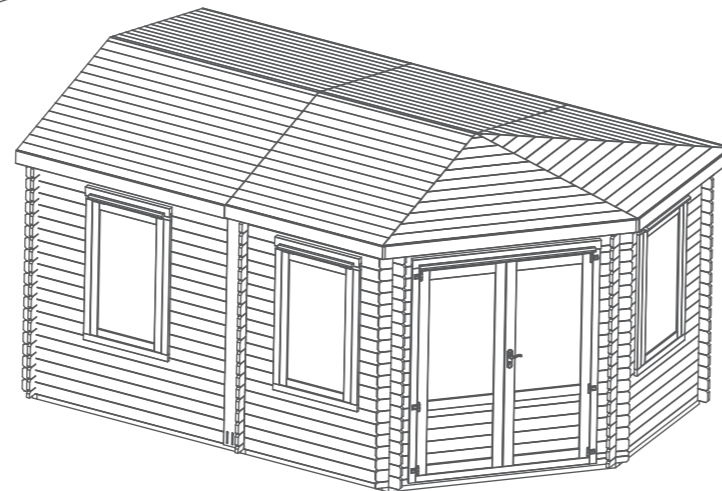


Overall Dimensions:
 Width = 5088mm
 Depth = 3182mm
 Height = 2742mm

Base Dimensions:
 Width = 4809mm
 Depth = 2808mm



Left Handed













Right Handed




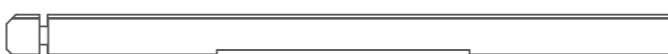


















****All components and the nail bag from 3m x 3m corner cabin (0634CSNE0303HGDD2SW-V1) will be required to construct the 5m x 3m corner lodge.****

These components are shown in the 3m x 3m corner cabin instructions.

5x3 Log Cabin Contents:

- 
75 
Starter Board - 34x66x232mm QTY 2 (Right Handed only)
LB34RT66-B-232
- 
76 
Starter Board - 34x66x2000mm QTY 2 (Left handed only)
LB34RT66-B-2000
- 
77 
Log Board - 34x120x2000mm QTY 27
LB34-B-2000
- 
78 
Log Board - 34x120x232mm QTY 38
LB34-B-232
- 
79 
Log Board - 34x120x625mm QTY 12
LB34-B-625

- 
80 
Log Board - 34x120x625mm QTY 12
LB34-C-625
- 
81 
Log Board - 34x120x2000mm QTY 1
LB34-BD-2000 (1 x Window Notch cut out)
- 
82 
Finisher Board - 34x66x2000mm QTY 2 (Right handed only)
LB34-BH66-2000 (66mm height board)
- 
83 
Finisher Board - 34x80x886mm QTY 4
LB34RG80-C-886
- 
84 
Finisher Board - 34x80x70mm QTY 2
LB34RG80-C-70
- 
85 
Roof Purlin - 45x120x3522mm QTY 1
F45120-AE-3522
- 
86 
Bearer - 44x58x1884mm QTY 11
F4458-1884-PT
- 
87 
Floor Board - 16x121x2736mm QTY 19
MB16-2736
- 
88 
Roof Board - 16x121x2000mm QTY 32
MB16-2000
- 
89 
Double Storm Brace - 16x120x2110mm QTY 4
S16120-2110

****Please note;**
 The components you have been provided with will allow you to construct your cabin to be either left handed or right handed, however not all components are needed for both.
 Depending if you construct your cabin to be left handed or right handed, you will have some parts left over that are not needed for your cabin.

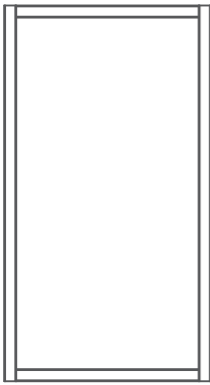
***Please note**

The components listed below are featured in both contents lists for the 3m x 3m Corner Cabin (0634CSNE0303HGDD2SW) as well as the 5m x 3m Corner Lodge.

The component numbers listed below are the same component numbers as listed in the 3m x 3m Corner Cabin instructions, some numbers may be out of chronological order or skipped to satisfy this.

Please see the **total combined quantity required** for the 5m x 3m Corner Lodge (3m x 3m Corner + 3m x 2m Pack B) listed next to the components below.

1 Window QTY 1 - Combined Total Required x 3
AI-06LOGDGW684X1244-V3



2 Window Frame Left Upright - 71x70x1412mm QTY 1 - Combined Total Required x 3
AI-0634LOGWUFL-V3



3 Window Frame Right Upright - 71x70x1412mm QTY 1 - Combined Total Required x 3
AI-0634LOGWUFR-V3



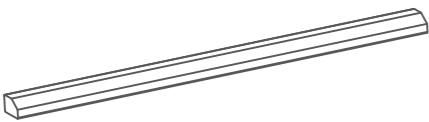
4 Window Frame Top - 84x125x805mm QTY 1 - Combined Total Required x 3
AI-0634LOGWTF-V3



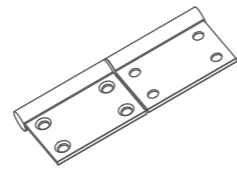
5 Window Frame Bottom - 71x70x805mm QTY 1 - Combined Total Required x 3
AI-0634LOGWBF-V3



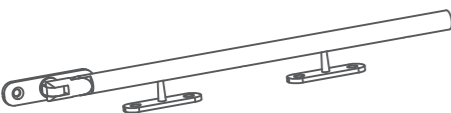
6 Rain Guard QTY 1 - Combined Total Required x 3
RG2844-710 (28x44x710mm)



7 Flag Hinge QTY 2 - Combined Total Required x 6
PI-07-0211



8 Casement Stay QTY 1 - Combined Total Required x 3
PI-07-0187



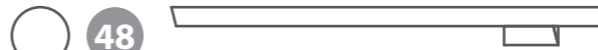
39 Finisher Board - 34x64x3000mm QTY 1 - Combined Total Required x 2 (Left handed only)
LB34-AH64-3000 (64mm high board)



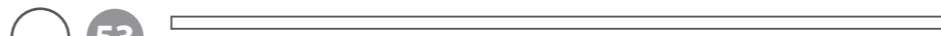
41 Log Board - 34x120x3000mm QTY 1 - Combined Total Required x 41
LB34-A-3000



48 Roof Truss - 40x140x1604mm QTY 6 - Combined Total Required x 11
AI-06LOGC3RTA-V1



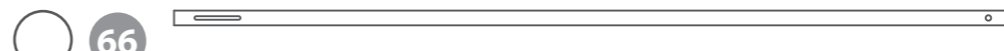
53 Bearer - 44x58x2808mm QTY 2 - Combined Total Required x 3
F4458-2808-PT



64 Fascia - 16x120x2000mm QTY 2 - Combined Total Required x 4
SR16120-2000



66 Storm Brace - 27x44x2000mm QTY 4 - Combined Total Required x 12
F2744-2000



67 Closure Trim - 16x28x2400mm (approx length) QTY 4 - Combined Total Required x 18
S1628-2400



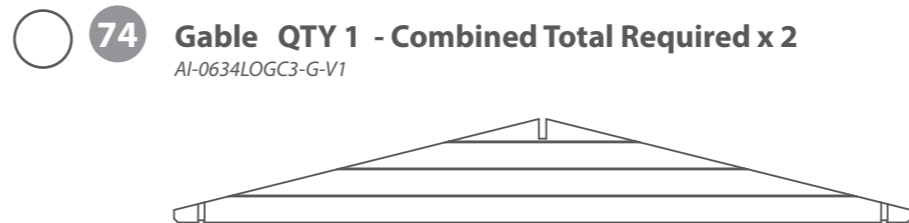
68 Felt



69 Roof Spacers QTY 5 - Combined Total Required x 10
PI-07-0208 (20x100x2mm)

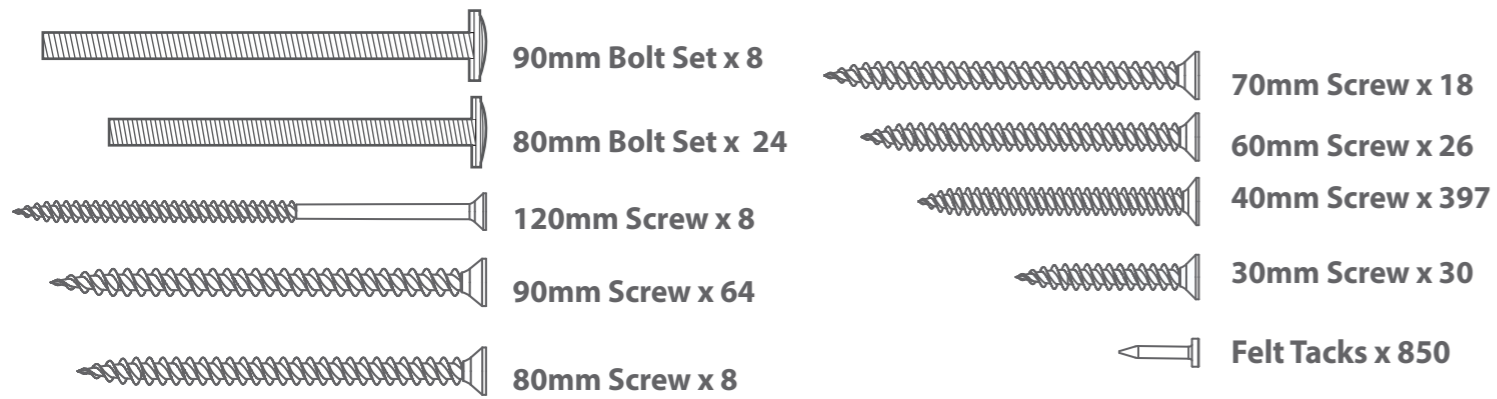


74 Gable QTY 1 - Combined Total Required x 2
AI-0634LOGC3-G-V1



Nail Bag

There may be extra screws present in the nail bag

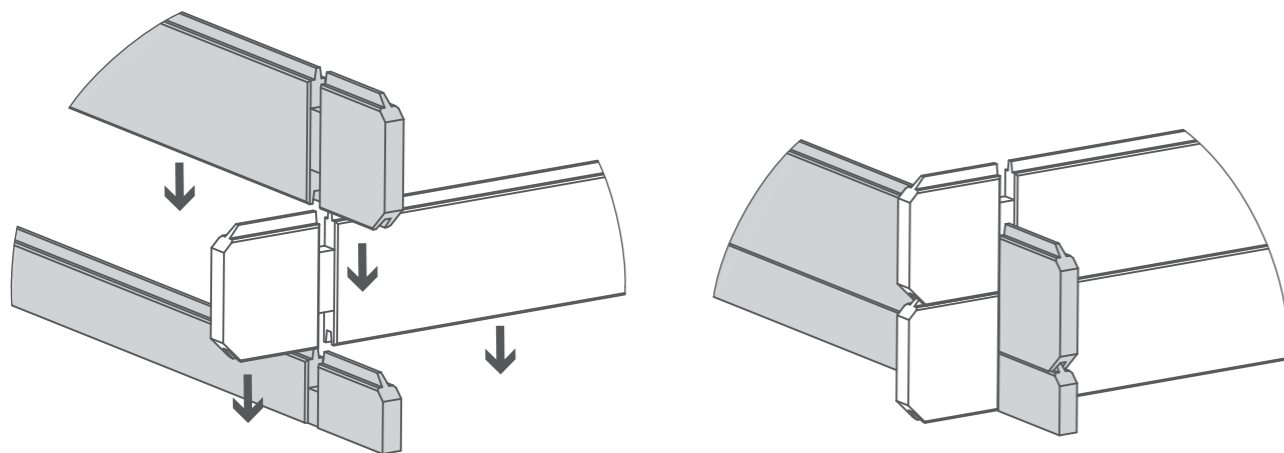


Pre-assembly

**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.



Pre - Assembly

**Please note*

To construct the 5m x 3m Corner Lodge, **all components from the 3m x 3m Corner Cabin (0634CSNE0303HGDD2SW) will be required as well as all components from this set of instructions.**

Components for the 3m x 3m Corner Cabin can be found in the contents of the 3m x 3m Corner Cabin instructions.

****DO NOT CONSTRUCT USING THE 3M X 3M CORNER CABIN INSTRUCTIONS IF YOU ARE CONSTRUCTING THE 5M X 3M CORNER LODGE.****

Step 1

- Parts needed - No. 53 QTY 1
 No. 54 QTY 1
 No. 59 QTY 1
 No. 60 QTY 1
 No. 61 QTY 1

Lay the bearers (No. 53, 54, 59, 60 & 61) onto a firm and level surface (**free from areas where standing water can collect**) as shown in the illustration.

***Ensure the 58mm side of the bearer is laying on the base, so that you can screw the bearers together on the 44mm side.**

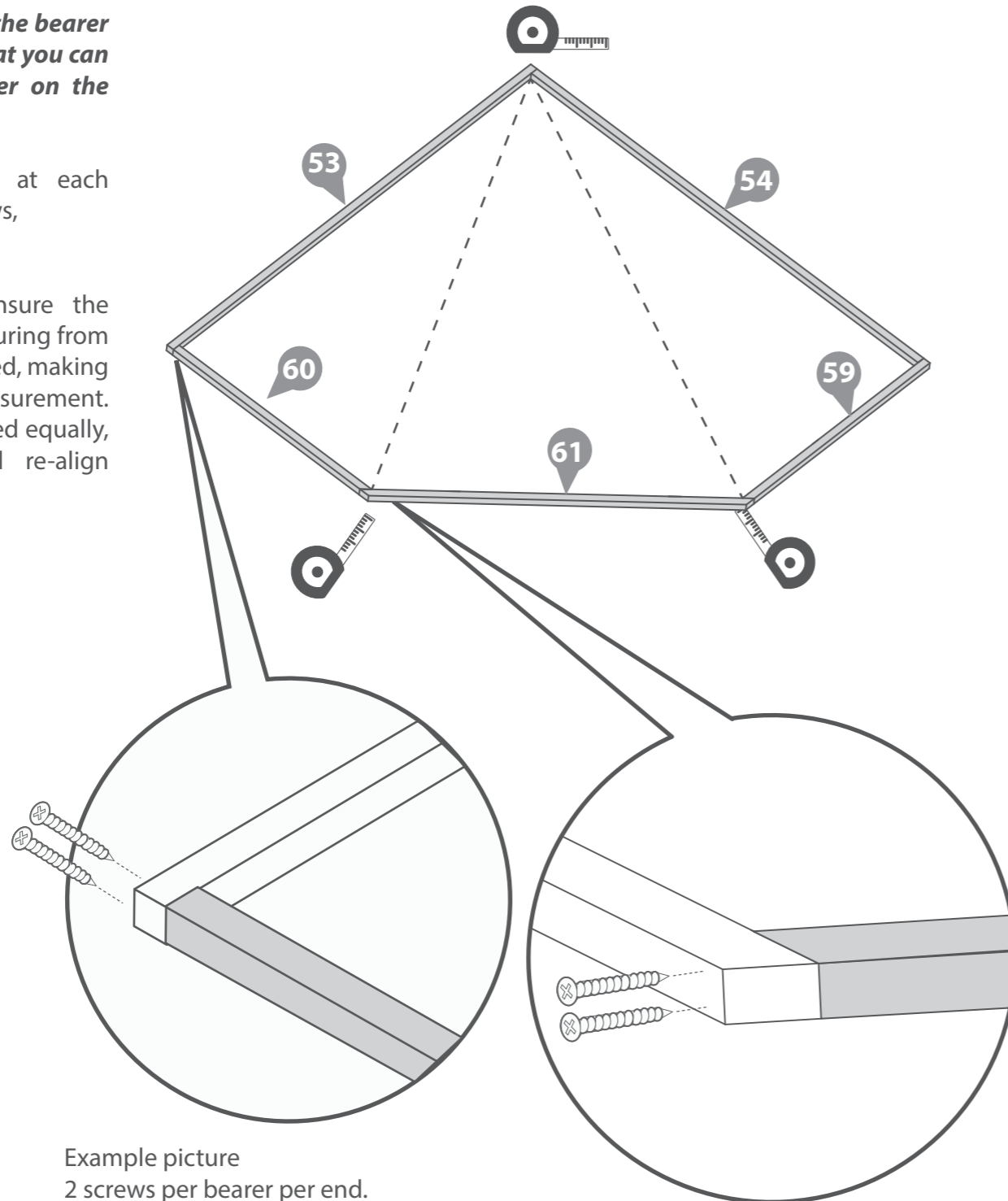
Fix the bearers together at each corner using 2x90mm screws, ensuring the frame is flush.

Once fully assembled, ensure the bearers are square by measuring from corner to corner, as illustrated, making sure they are an equal measurement. If the bearers are not aligned equally, unscrew and adjust and re-align accordingly.

10x90mm Screws



IMPORTANT: Pre-drill before fixing screws.



Example picture
2 screws per bearer per end.

Step 2

- Parts needed - No. 54 QTY 5
 No. 55 QTY 1
 No. 56 QTY 1
 No. 57 QTY 1
 No. 58 QTY 1

Arrange the remaining framing (No. 54, 55, 56, 57, 58) as shown in the illustration.

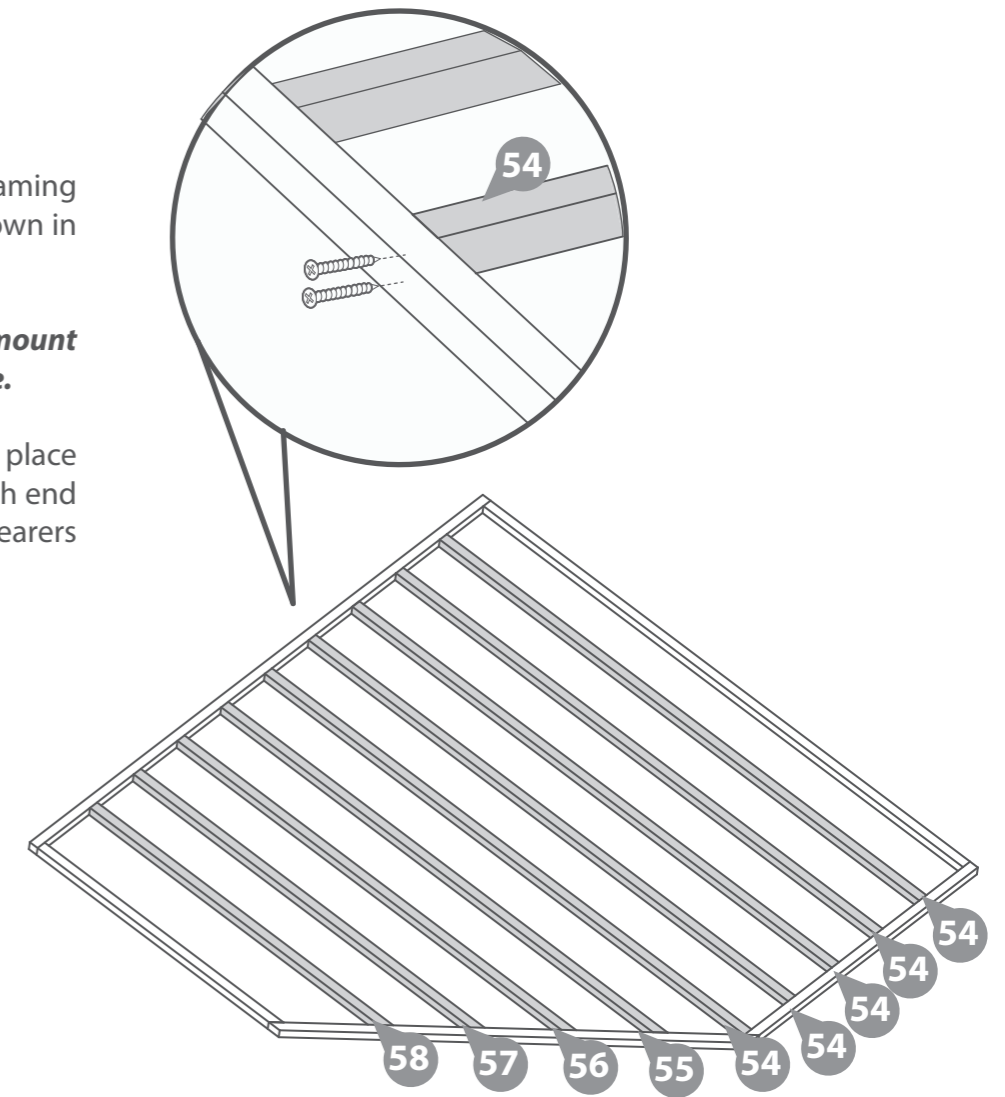
***Ensure there is an equal amount of space between each frame.**

Secure each of the frames in place using 2x90mm screws for each end of each bearer, ensuring the bearers remains level.

36x90mm Screws



IMPORTANT: Pre-drill before fixing screws.



Step 3
Parts needed - No. 53 QTY 2
No. 86 QTY 2

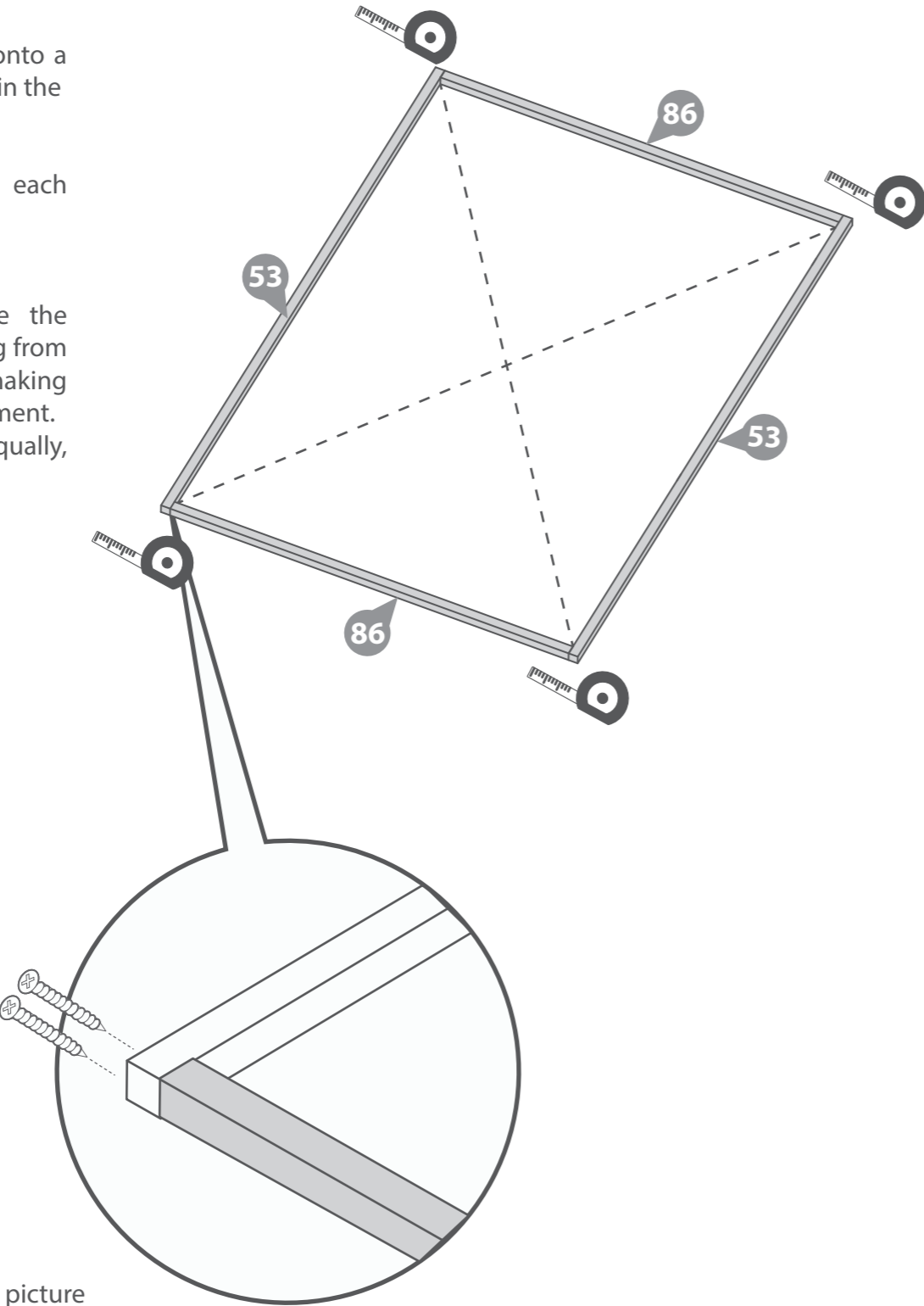
IMPORTANT: Pre-drill before fixing screws.

Lay the bearers (**No. 53 & 86**) onto a firm and level surface as shown in the illustration.

Fix the bearers together at each corner using 2x90mm screws, ensuring the frame is flush.

Once fully assembled, ensure the bearers are square by measuring from corner to corner, as illustrated, making sure they are an equal measurement. If the bearers are not aligned equally, unscrew, adjust and re-align accordingly.

8x90mm Screws



Example picture
2 screws per bearer per end.

Step 4
Parts needed - No. 86 QTY 9

IMPORTANT: Pre-drill before fixing screws.

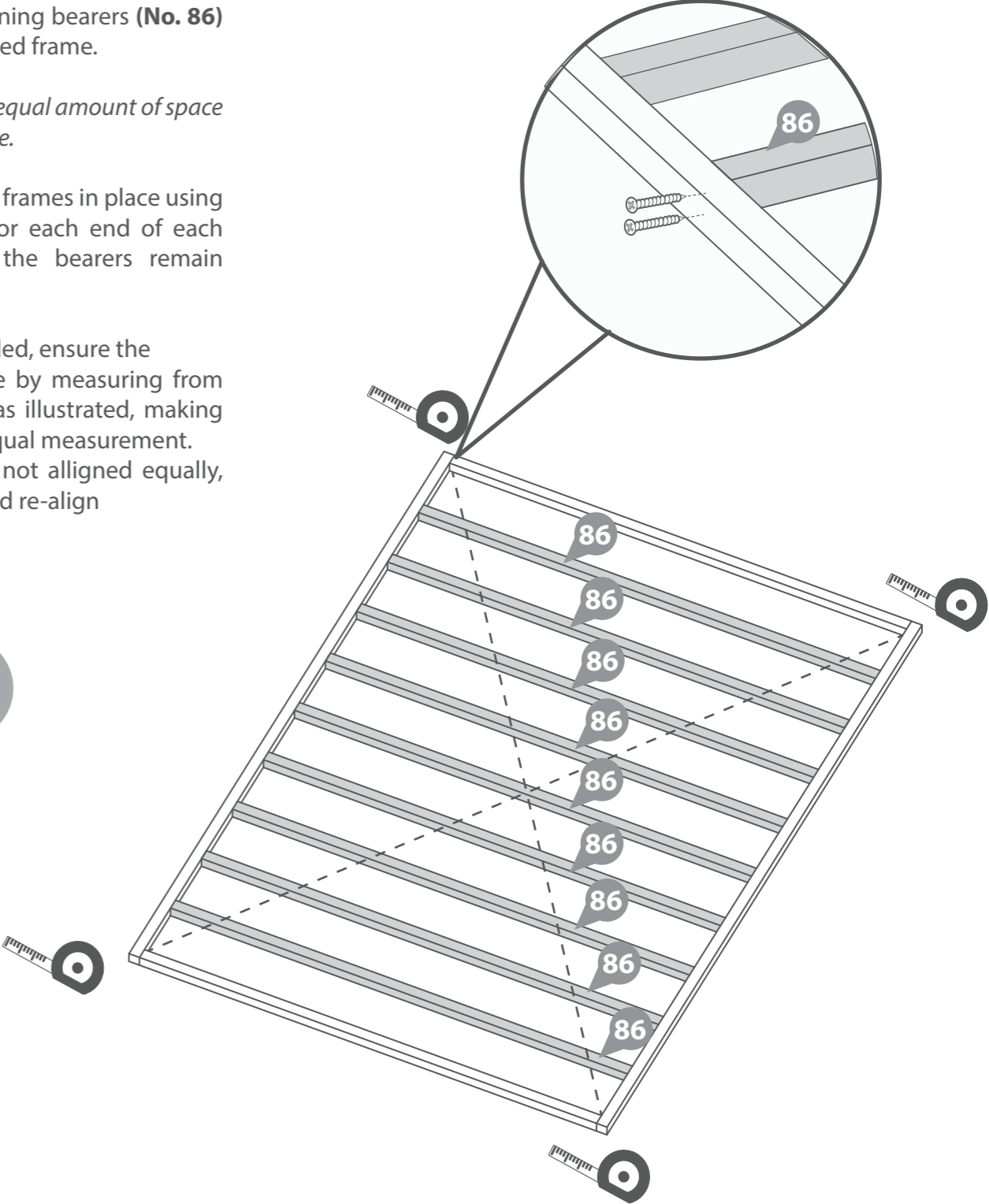
Arrange the remaining bearers (**No. 86**) inside the assembled frame.

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

Secure each of the frames in place using 2x90mm screws for each end of each bearer, ensuring the bearers remain level.

Once fully assembled, ensure the bearers are square by measuring from corner to corner, as illustrated, making sure they are an equal measurement. If the bearers are not aligned equally, unscrew, adjust and re-align accordingly.

36x90mm Screws



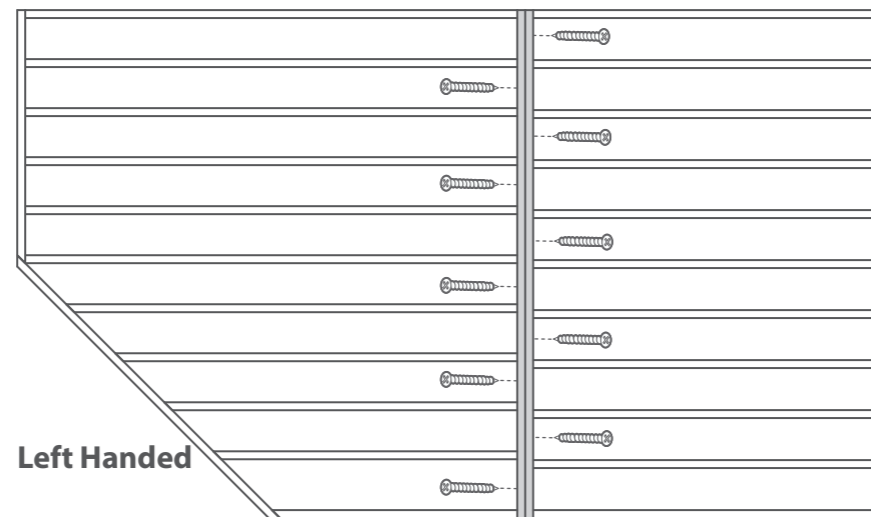
Step 5

**** Please Note:**
Your log cabin can be either Right Handed or Left Handed, dependant on your wants and needs. (See Contents for image reference)

Please ensure to construct your Log Cabin by following either the 'Left Handed' or 'Right Handed' instructions dependant on which side you choose.

Align the two bases together by the longest bearer as shown in the illustration.

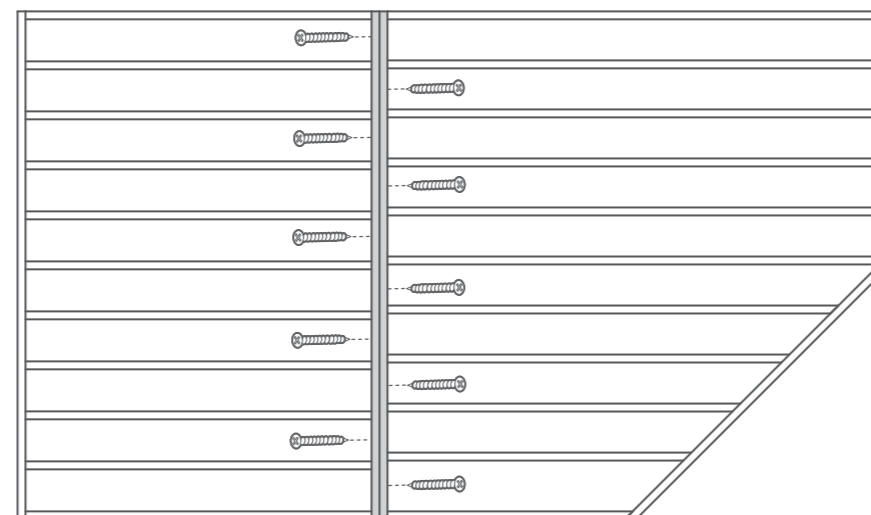
Secure the base sections together using 10x90mm screws, ensuring to stagger the screws so they do not collide.



10x90mm Screws



70mm screw



Right Handed

Step 6 - Left Handed

- Parts Needed - No. 22 QTY 1
 No. 32 QTY 1
 No. 36 QTY 1
 No. 40 QTY 1
 No. 41 QTY 1
 No. 76 QTY 2
 No. 78 QTY 2

IMPORTANT: Pre-drill before fixing screws.

Place the starter boards (**No. 22, 32, 40 & 76**) on to the assembled base frame and place the first three log boards (**No. 36, 41 & 78**) sitting in the notches as shown.

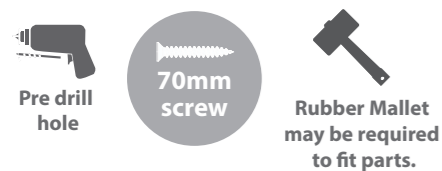
Ensure the boards sit square on the base using the same method used in Step 1. Measure from corner to corner and ensure they are equal in measurement.

Once the boards are square, fix the starter boards (**No. 22, 32, 40 & 76**) in place, lift up the log boards (**No. 36, 41 & 78**) and fix each starter board in place using 1x70mm screw per notch.

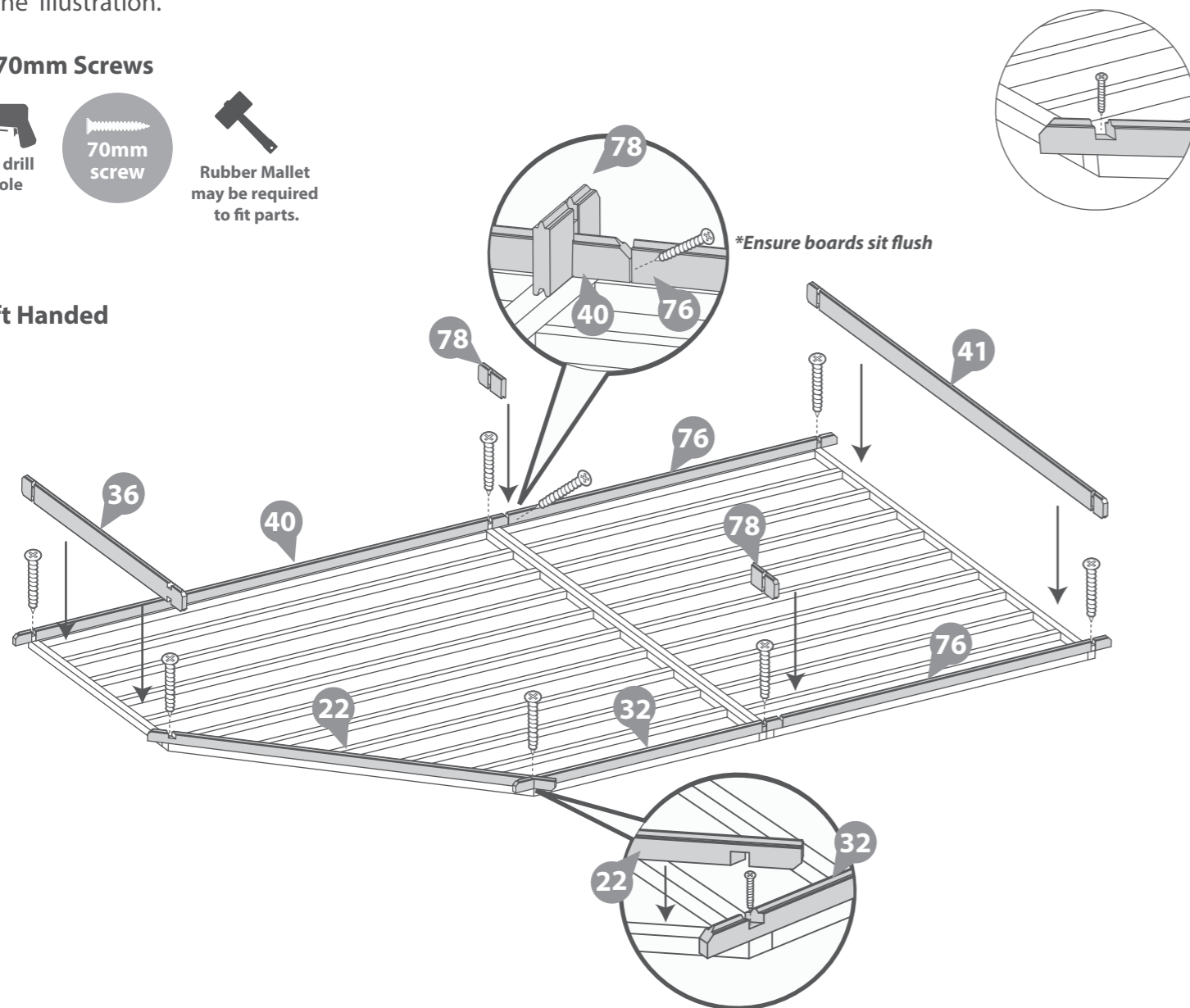
Secure board (**No.76**) in place by screwing at an angle through the side of the starter board into the bearer below, as shown in the illustration.

Fix the log boards to the starter boards by screwing through the notch into the frame with 1x70mm screw as shown in the illustration.

8x70mm Screws



Left Handed



Step 6 - Right Handed

- Parts Needed - No. 22 QTY 1
 No. 32 QTY 1
 No. 36 QTY 1
 No. 40 QTY 1
 No. 41 QTY 1
 No. 75 QTY 2
 No. 77 QTY 2

IMPORTANT: Pre-drill before fixing screws.

Place the starter boards (**No. 22, 32, 40 & 75**) on to the assembled base frame and place the first four log boards (**No. 36, 41 & 77**) sitting in the notches as shown.

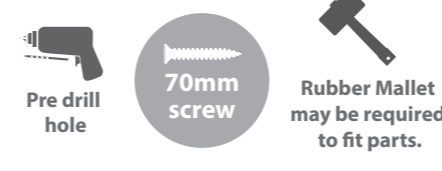
Ensure the boards sit square on the base using the same method used in Step 1. Measure from corner to corner and ensure they are equal in measurement.

Once the boards are square, fix the starter boards (**No. 22, 32, 40 & 75**) in place, lift up the log boards (**No. 36, 41 & 77**) and fix each starter board in place using 1x70mm screw per notch.

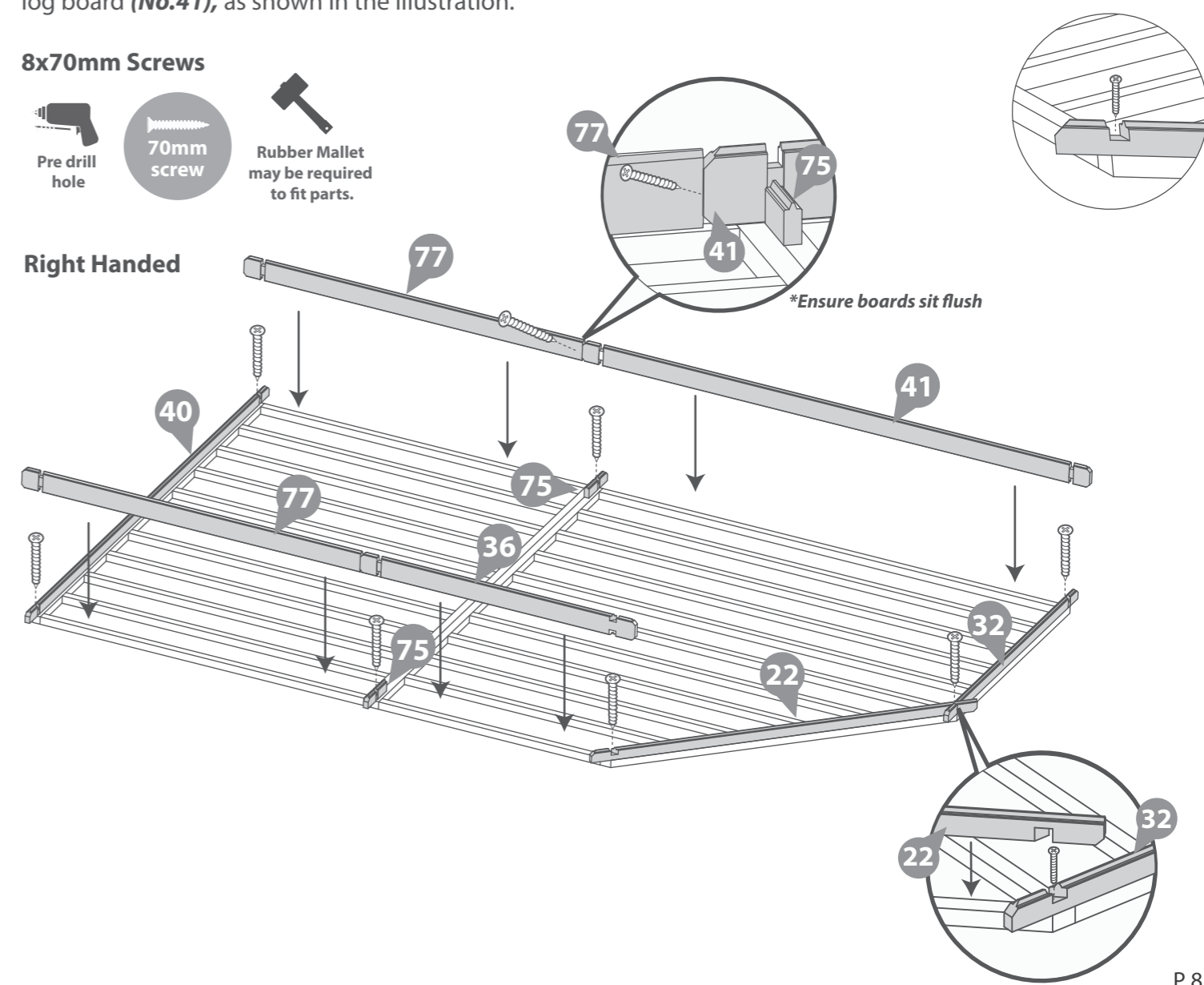
Fix the log boards to the starter boards by screwing through the notch into the frame with 1x70mm screw as shown in the illustration.

Secure board (**No.77**) in place by screwing at an angle through the side of the log board into the end of the next log board (**No.41**), as shown in the illustration.

8x70mm Screws



Right Handed



Step 7
Parts needed - No. 25 QTY 1

IMPORTANT: Pre-drill before fixing screws.

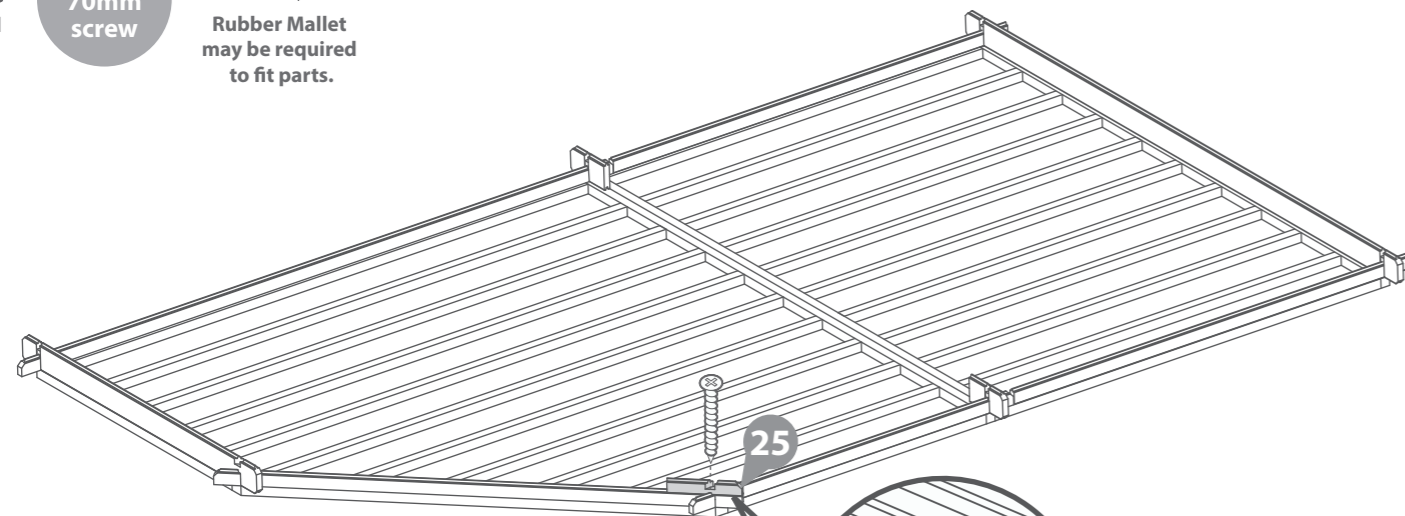
Make the log cabin level by adding another board (**No. 25**) as shown in the diagram. Fix using 1x70mm screw.

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

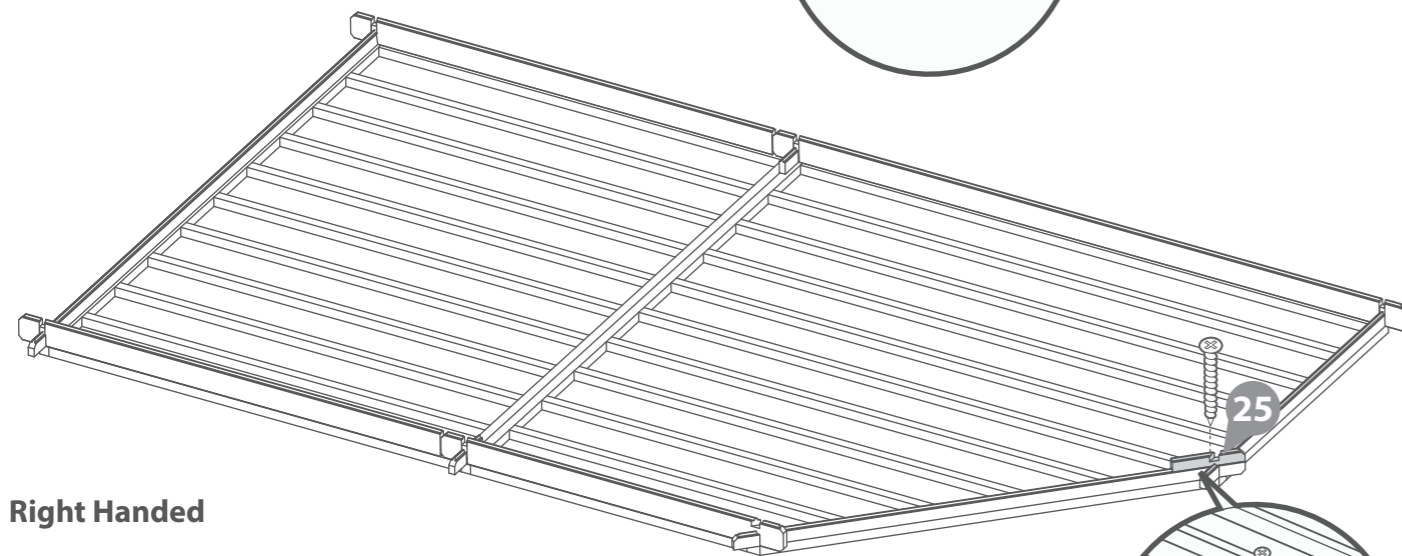
1x70mm Screws



Rubber Mallet
may be required
to fit parts.



Left Handed

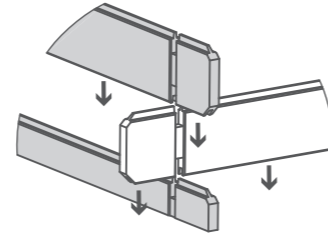


Right Handed

Step 8 - Left Handed

- Parts needed - No. 23 QTY 6
 No. 24 QTY 6
 No. 33 QTY 6
 No. 36 QTY 5
 No. 41 QTY 11
 No. 77 QTY 12
 No. 78 QTY 12

IMPORTANT : Pre-drill before fixing screws.



Lay the first 6 boards (**No. 23, 24, 33, 36, 41, 77 & 78**) onto the starter boards to create your first level, following the method as shown in the illustrated.

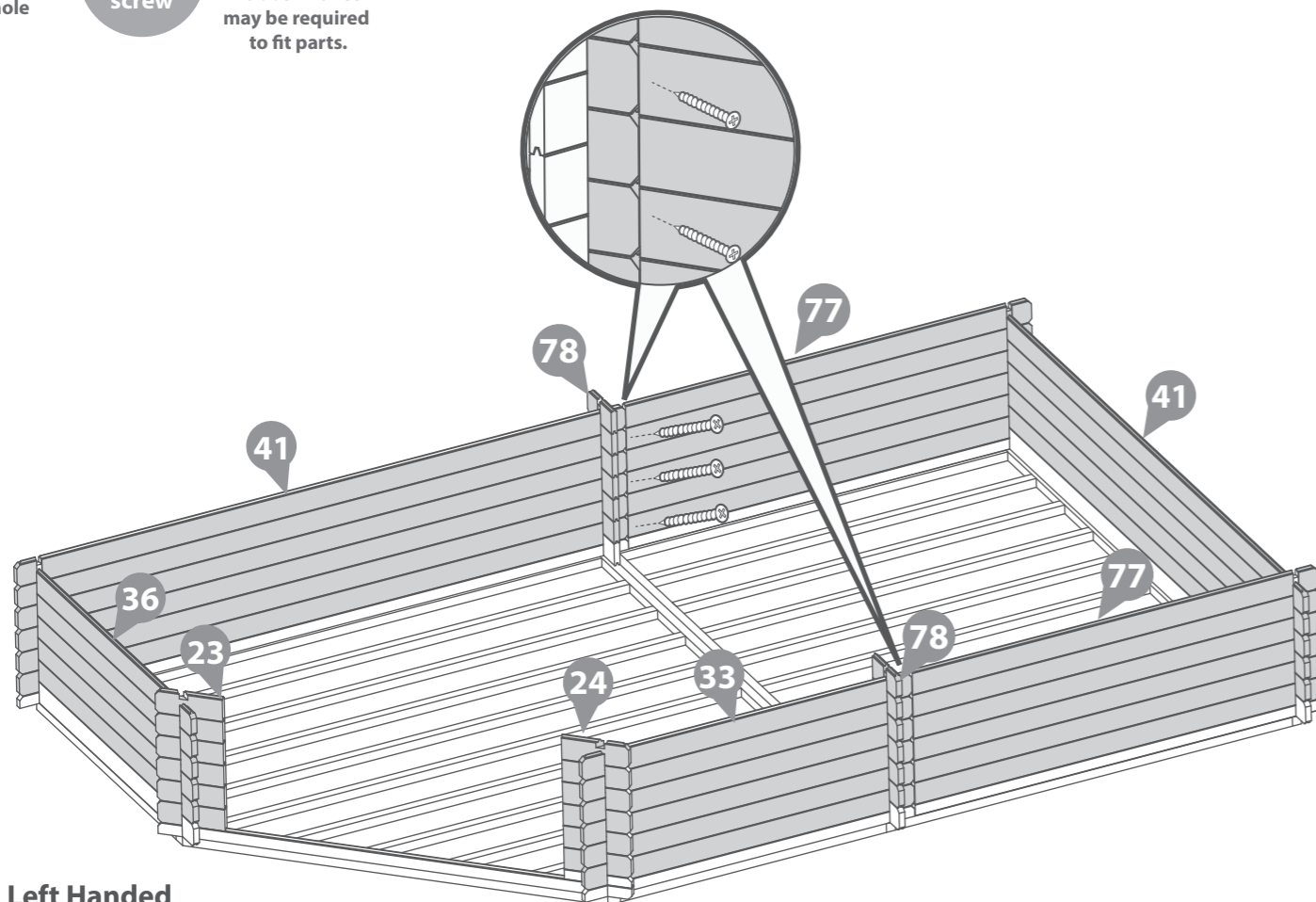
Please note the right hand side of the door will be slightly higher. This will even out when the rest has been assembled.

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

Ensure the boards (**No.77**) are level, flush and in line with the boards next to them.

Secure every other board (**No. 77**) in place at the front and back of the cabin by screwing through the side of the board at an angle into the end of the board next to it (**No. 41 & 33**), using 1x60mm screw per board.

6x60mm Screws

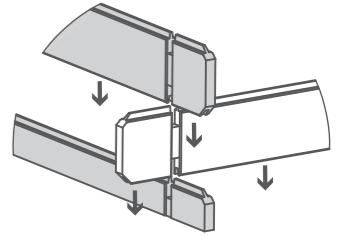


Left Handed

Step 8 - Right Handed

- Parts needed - No. 23 QTY 6
 No. 24 QTY 6
 No. 33 QTY 6
 No. 36 QTY 5
 No. 41 QTY 11
 No. 77 QTY 10
 No. 78 QTY 12

IMPORTANT : Pre-drill before fixing screws.



Lay the first 6 boards (**No. 23, 24, 33, 36, 41, 77 & 78**) onto the starter boards to create your first level, following the method as shown in the illustrated.

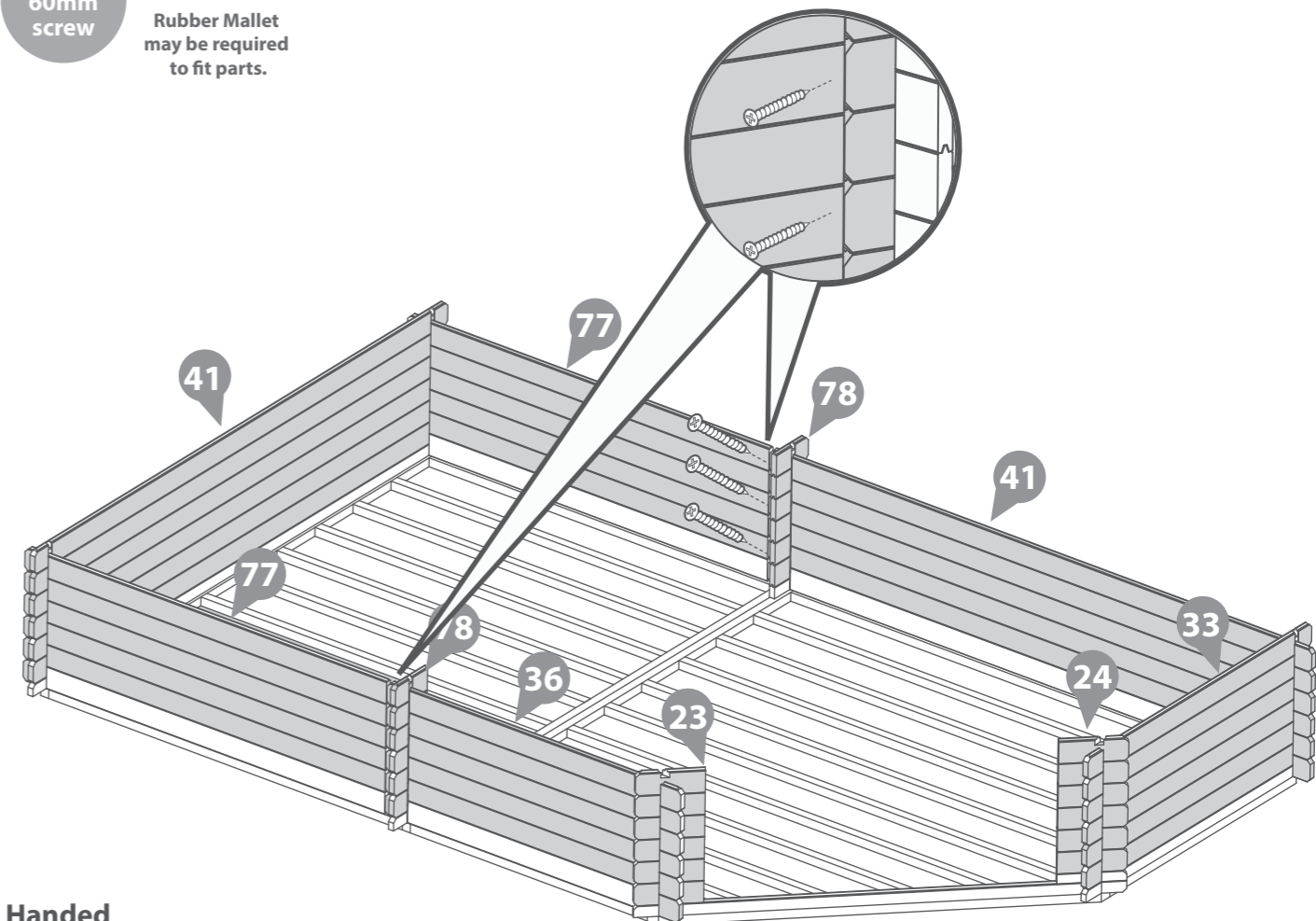
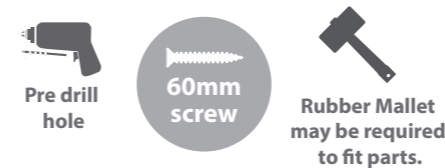
Please note the right hand side of the door will be slightly higher. This will even out when the rest has been assembled.

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

Ensure the boards (**No.77**) are level, flush and in line with the boards next to them.

Secure every other board (**No. 77**) in place at the front and back of the cabin by screwing through the side of the board at an angle into the end of the board next to it (**No. 41 & 36**), using 1x60mm screw per board.

6x60mm Screws



Right Handed

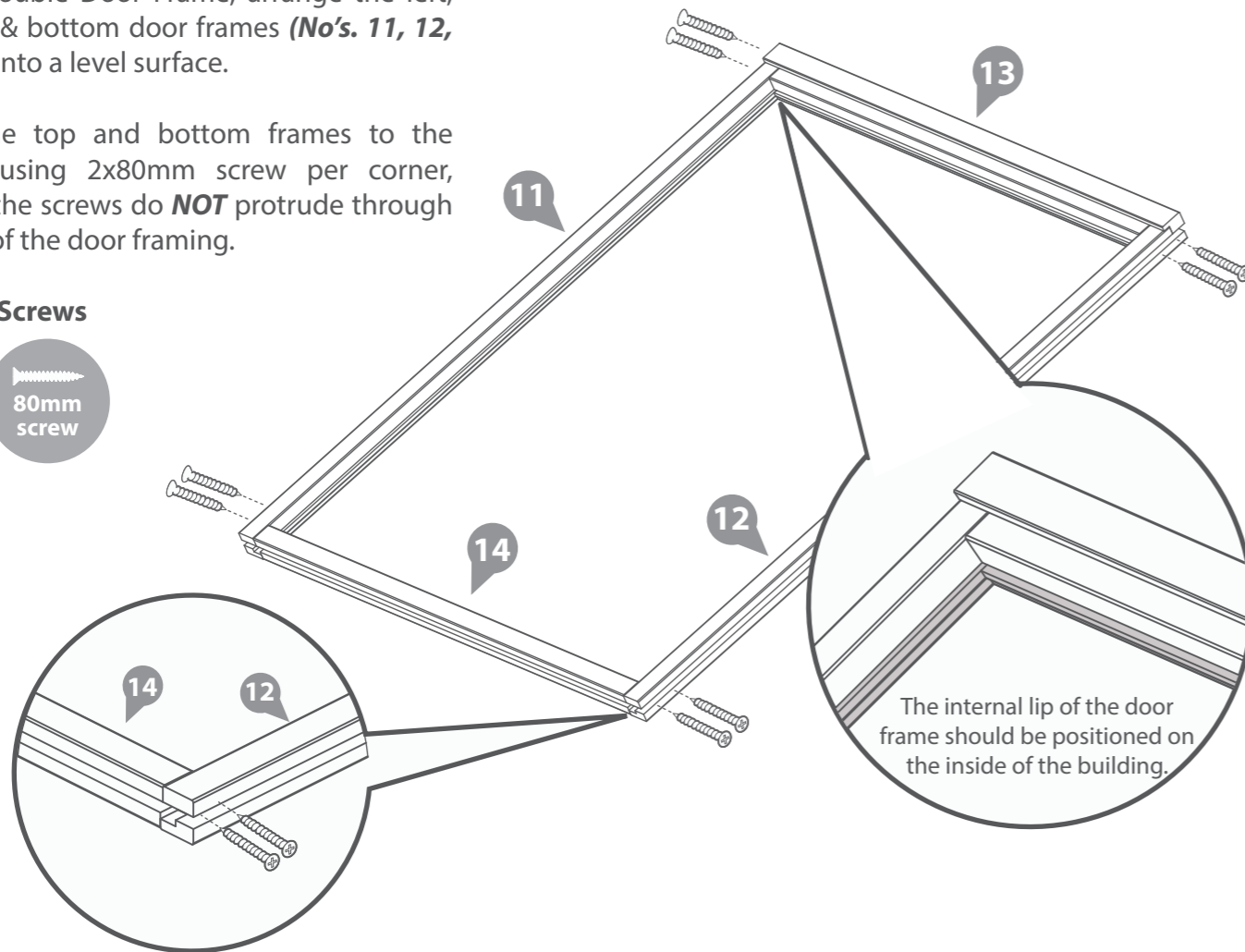
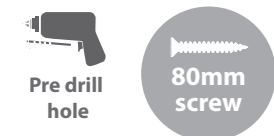
Step 9

- Parts Needed - No. 11 QTY 1**
No. 12 QTY 1
No. 13 QTY 1
No. 14 QTY 1

For the Double Door Frame, arrange the left, right, top & bottom door frames (**No's. 11, 12, 13 & 14**) 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 10

- Parts Needed - No. 9 QTY 1**
No. 10 QTY 1
No. 17 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.9 & 10**) into the assembled double door frame and fix 3 x Adjustable door hinges (**No.17c**) to each door using 3x30mm screws per hinge.

Fix 3 x Adjustable Door Hinges (**No. 17a&b**) onto the door frame using 4x30mm screws per hinge.

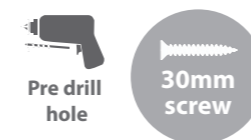
***Ensure the hinges are fitted to the external of the door frame so the doors open outwards from the log cabin.**

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.

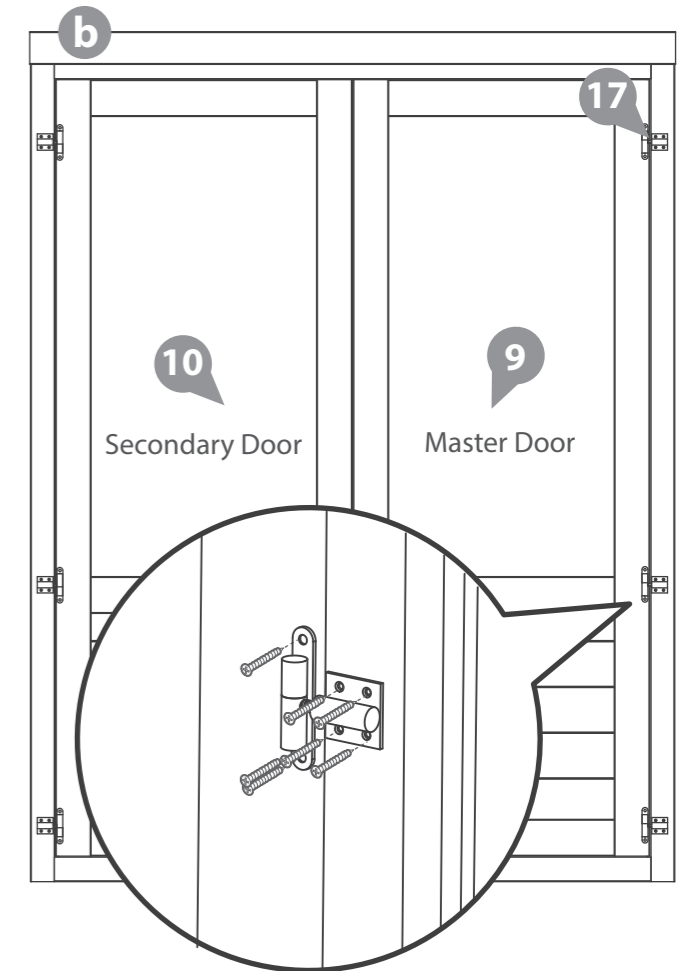
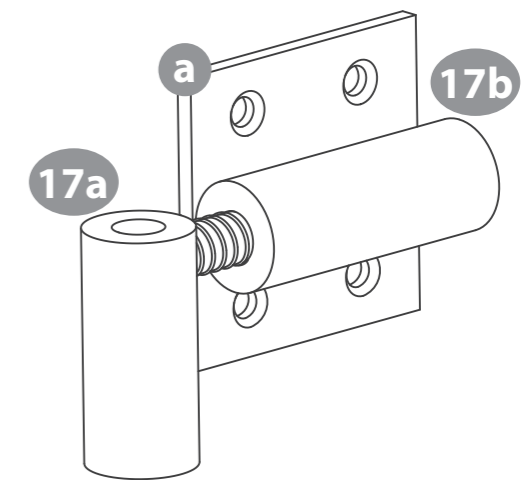
It is important to fit the doors within the frames at this stage so that you can establish the position of the hinges. The hinges come in three parts. Remove the doors from the frame after fitting.

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

42x30mm Screws



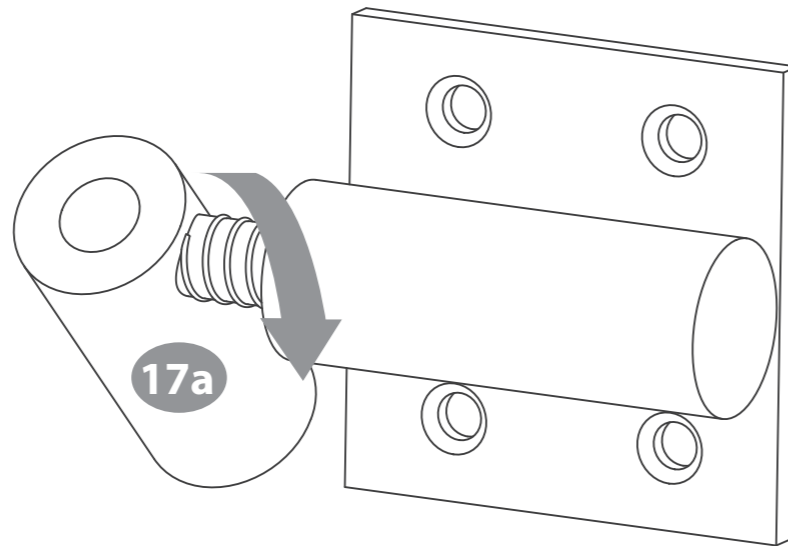
IMPORTANT : Pre-drill before fixing screws.



Step 11

To adjust and align your doors:

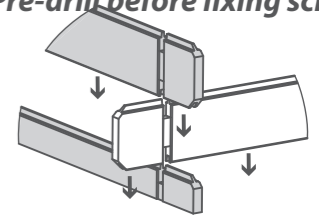
1. Lift up the doors to separate the two parts of the hinge.
2. Turn the rotating barrel (No.17a) in / out to move the position of the doors either in or away from each other.
3. You can then place the door(s) back on to the hinge and check the whether they require more / less adjustments, if further adjustments are required repeat number 2.



Step 13

- Parts needed -
- | | |
|---------------|---------------|
| No. 23 QTY 6 | No. 41 QTY 12 |
| No. 24 QTY 6 | No. 77 QTY 6 |
| No. 29 QTY 12 | No. 78 QTY 12 |
| No. 30 QTY 6 | No. 79 QTY 6 |
| No. 31 QTY 6 | No. 80 QTY 6 |

IMPORTANT : Pre-drill before fixing screws.



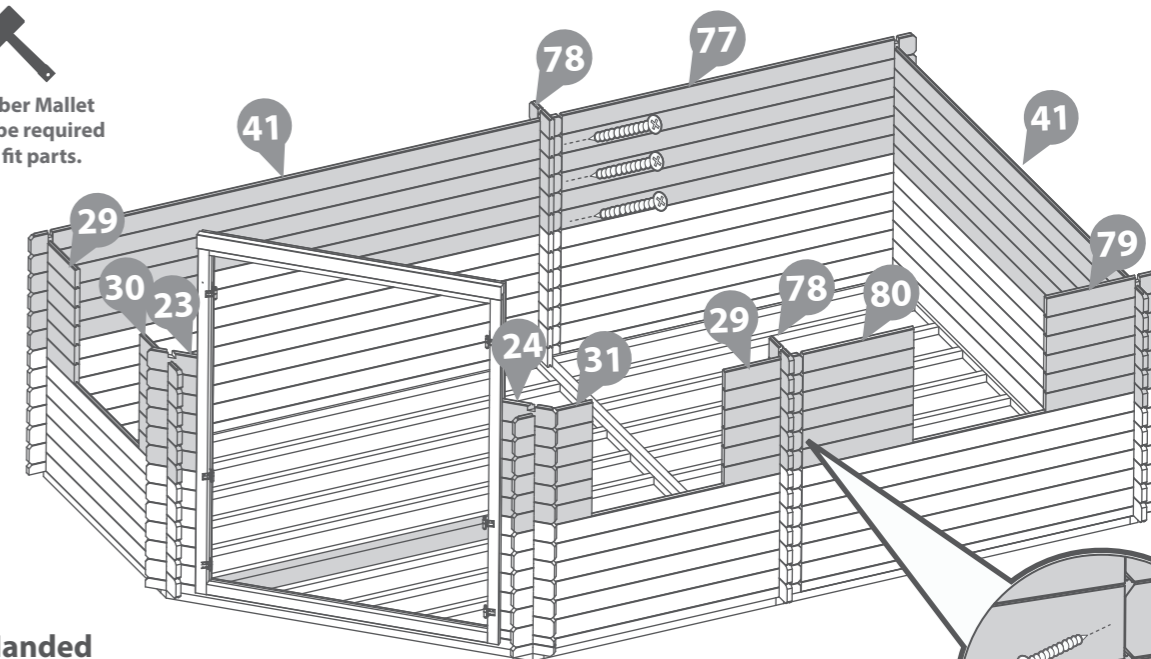
Lay the next 6 boards (No. 23, 24, 29, 30, 31, 41, 77, 78, 79 & 80) onto the log cabin to create your second level, following the method as shown in the illustration.

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

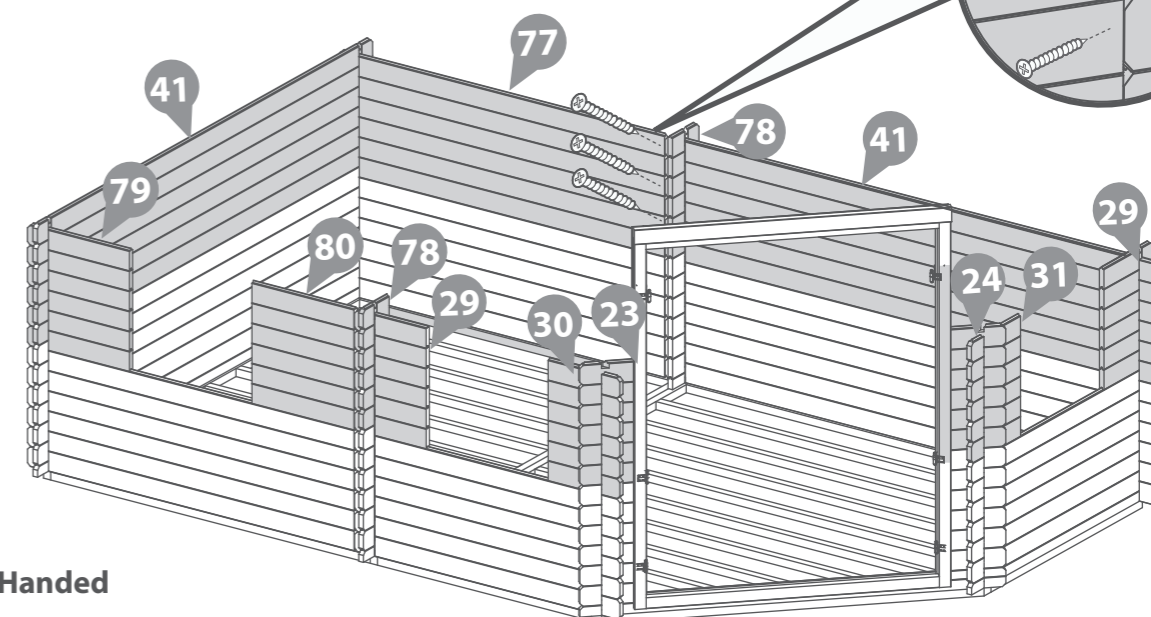
Ensure the boards (No.77 & 80) are level, flush and in line with the boards next to them.

Secure every other board (No. 77 & 80) in place (internally) by screwing through the side of the board at an angle into the end of the board next to it (No. 29 & 41), using 1x60mm screw per board.

6x60mm Screws



Left Handed

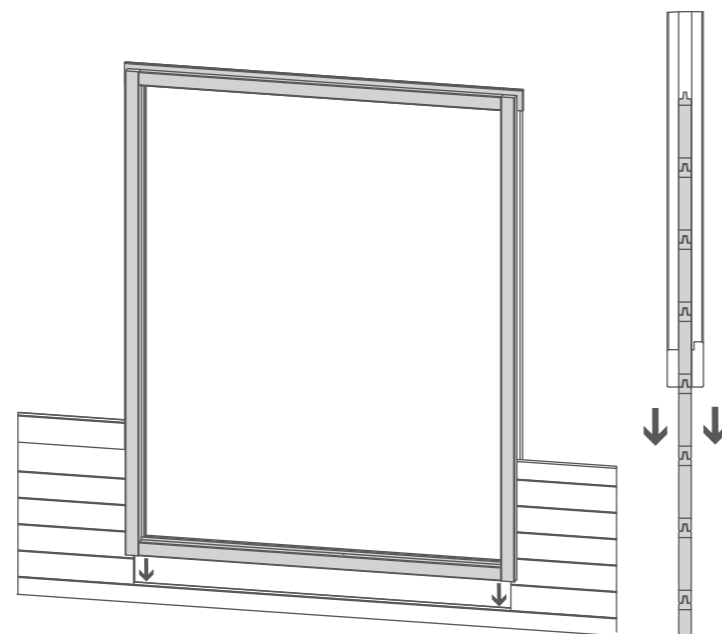


Right Handed

Step 12

Once you have laid 6 log boards (off of the starter) up the door section, slide the assembled door frames over the boards resting the frame on top of the starter board (if you have not yet assembled the door frame refer to steps 9)

***Please note:** This image is for illustrative purposes and may differ from your choice in product (regarding door position). Nevertheless the process of fitting the door frame is the same.



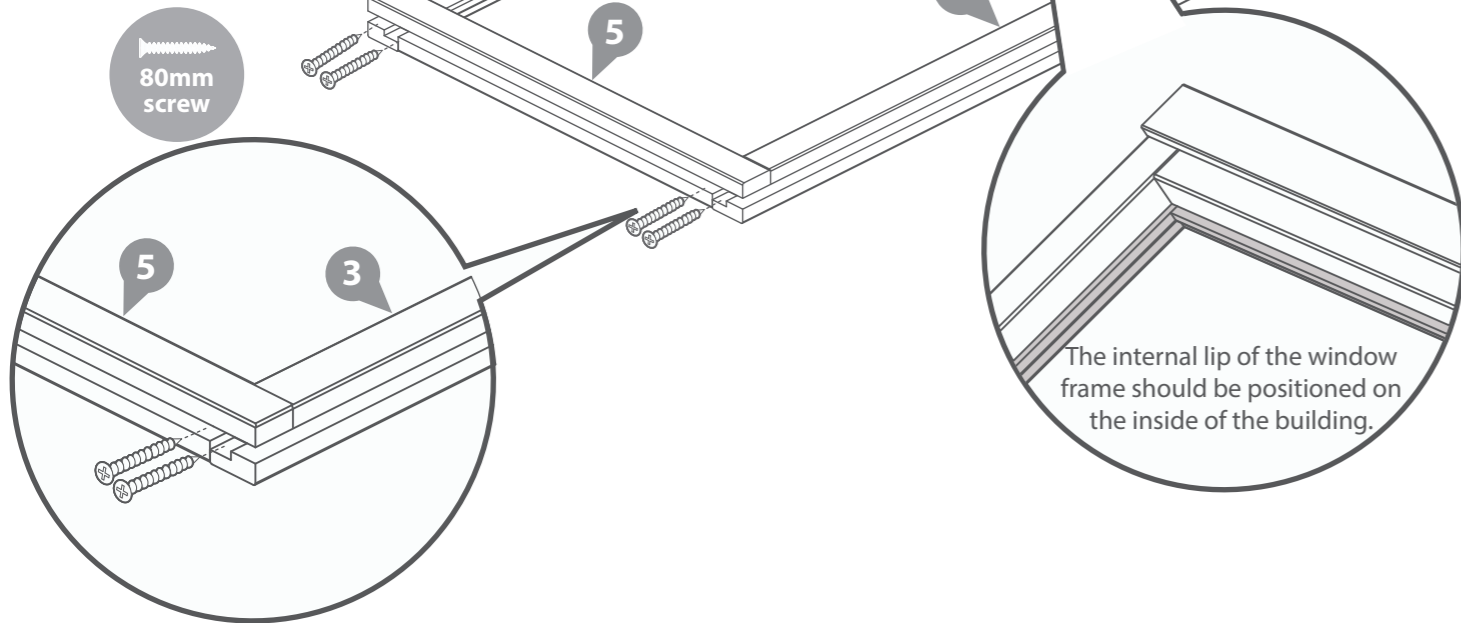
Step 14

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's. 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 construct 3 window frames.

24x80mm Screws



IMPORTANT : Pre-drill before fixing screws.

Step 15

Parts Needed - No. 1 QTY 2
No. 7 QTY 4

Position the window (**No. 1**) so that it sits centrally within the window frame. Fix the female part of the flag hinge (**No. 7**) to the window using 4x30mm screws, attach the male part of the flag hinge (**No. 7**) to the window frame using 4x30mm screws ensuring that the window can open and close freely.

Repeat this method for both windows

It is important to fit the windows within the frame at this stage so that you can establish the position of the hinges. The hinges came in two parts. Remove the windows from the frame after fitting.

Ensure to attach the hinge to the horizontal frame of the window

32x30mm Screws



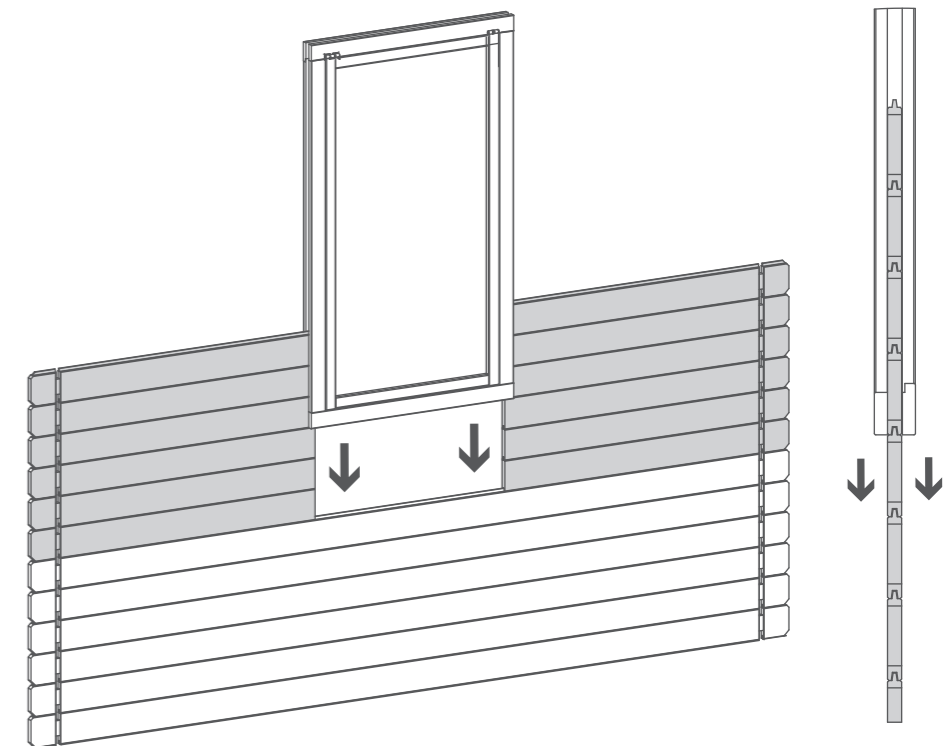
IMPORTANT : Pre-drill before fixing screws.

Step 16

Once you have laid the second level of boards onto the log cabin slide the windows between the smaller boards and rest on to the longer board (**if you have not yet assembled the window frames refer to step 14 & 15**)

***Ensure the boards are level with each end.**

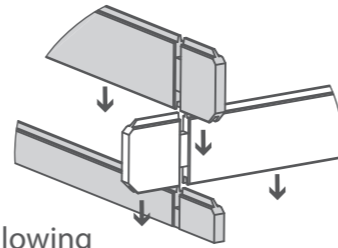
***Please note:** This image is for illustrative purposes and may differ from your choice in product (**regarding window position**). Nevertheless the process of fitting the window is the same



Step 17

- Parts needed -**
- | | |
|---------------|---------------|
| No. 23 QTY 6 | No. 41 QTY 12 |
| No. 24 QTY 5 | No. 77 QTY 6 |
| No. 29 QTY 12 | No. 78 QTY 12 |
| No. 30 QTY 6 | No. 79 QTY 6 |
| No. 31 QTY 6 | No. 80 QTY 6 |

IMPORTANT : Pre-drill before fixing screws.



Lay the next 6 boards (**No. 23, 24, 29, 30, 31, 41, 77, 78, 79 & 80**) onto the log cabin, following the method as shown in the illustration.

Please note when you get to the top of the boards the right hand boards will be slightly lower.

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

Ensure the boards (**No.77 & 80**) are level, flush and in line with the boards next to them.

Secure every other board (**No. 77 & 80**) in place (internally) by screwing through the side of the board at an angle into the end of the board next to it (**No. 29 & 41**), using 1x60mm screw per board.

6x60mm Screws



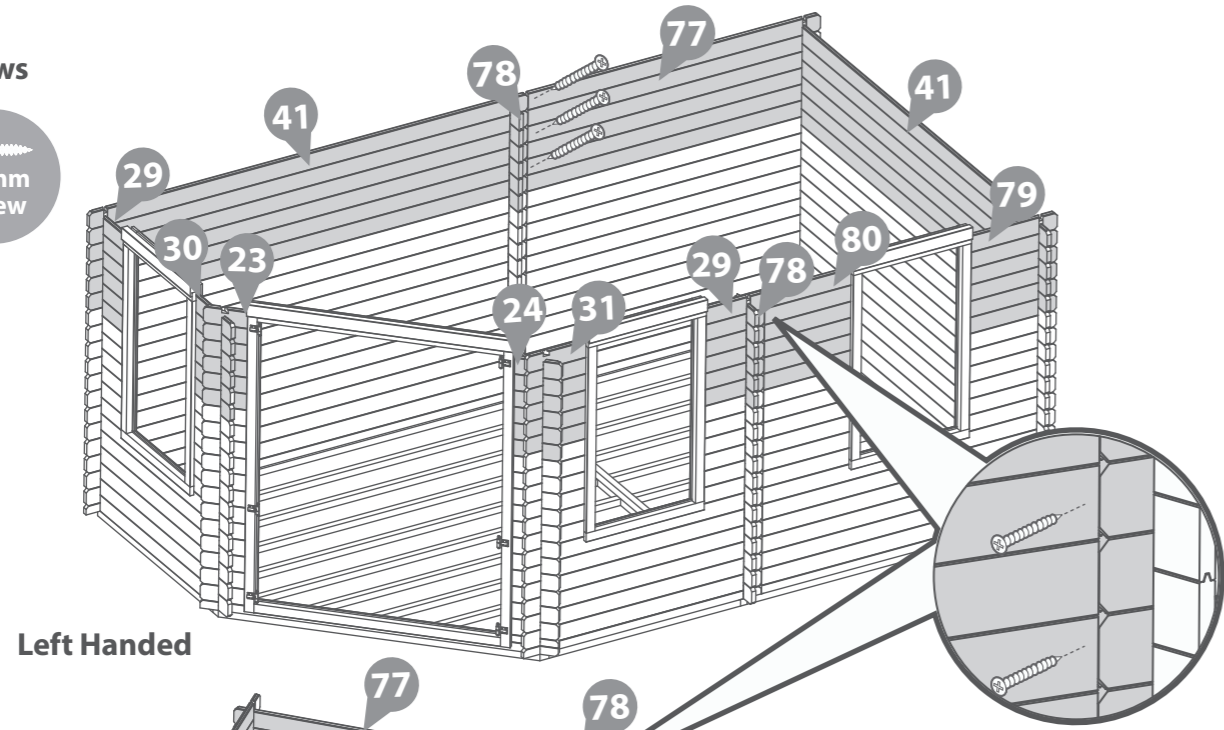
Pre drill hole



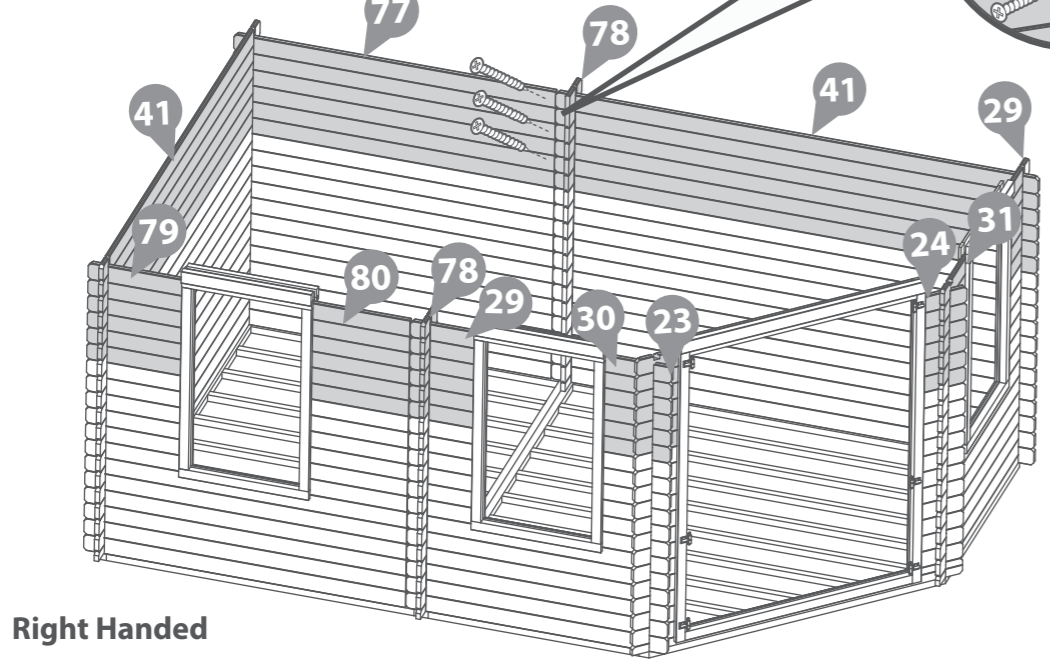
60mm screw



Rubber Mallet may be required to fit parts.



Left Handed



Right Handed

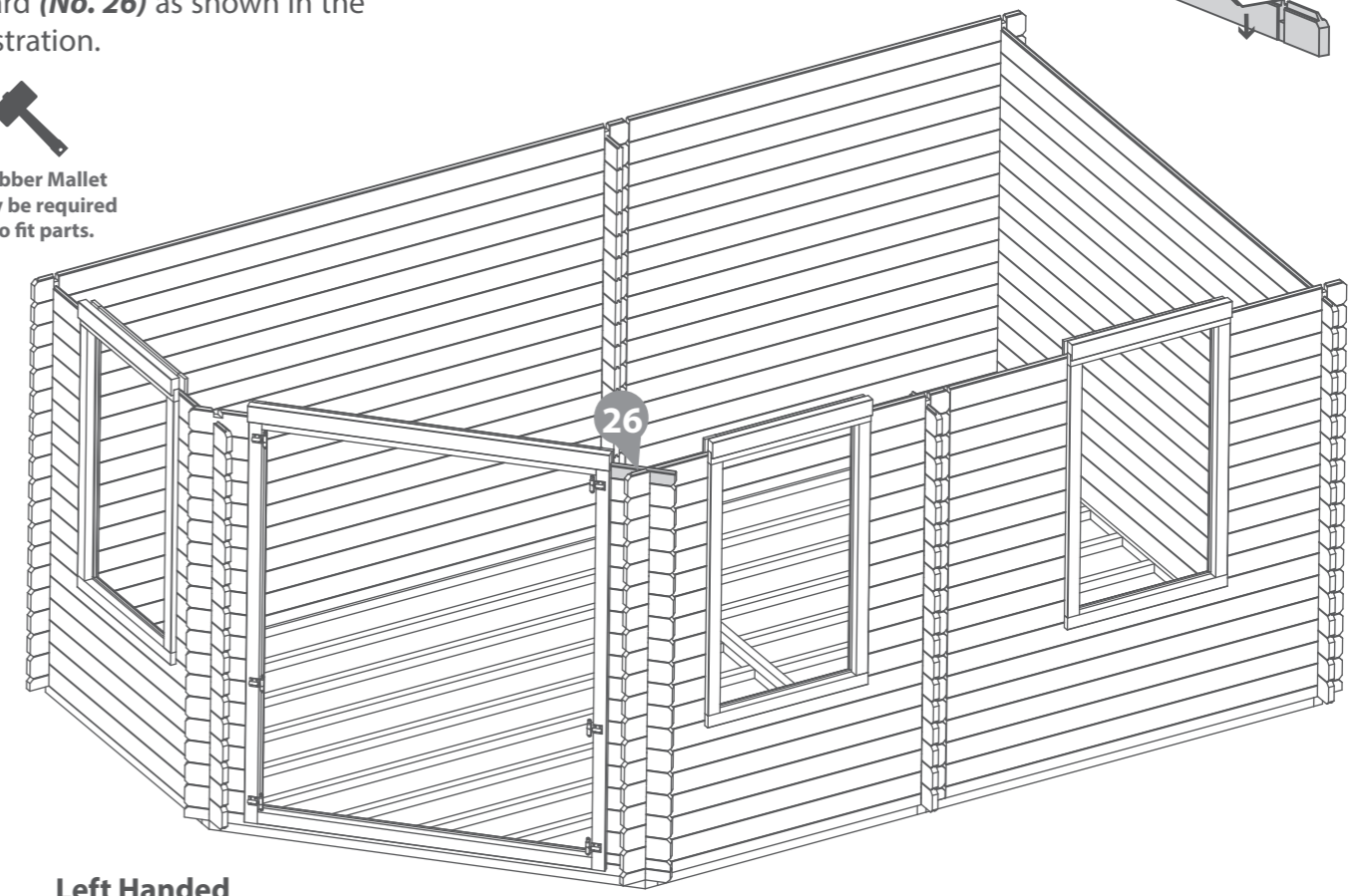
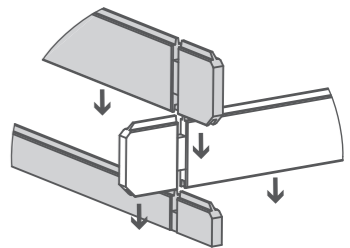
Step 18

- Parts needed - No. 26 QTY 1**

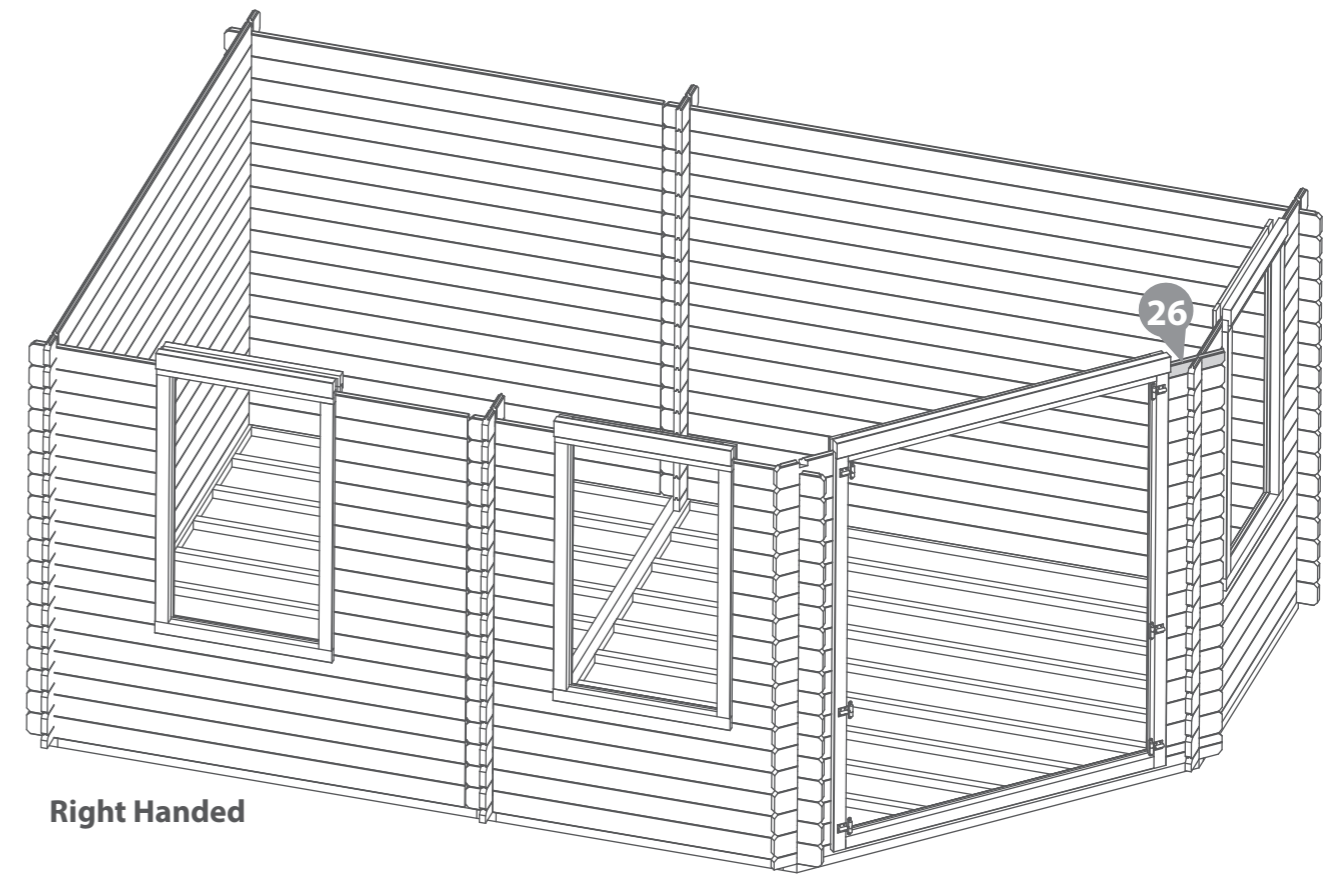
Make the log cabin level by adding another right hand board (**No. 26**) as shown in the illustration.



Rubber Mallet may be required to fit parts.



Left Handed



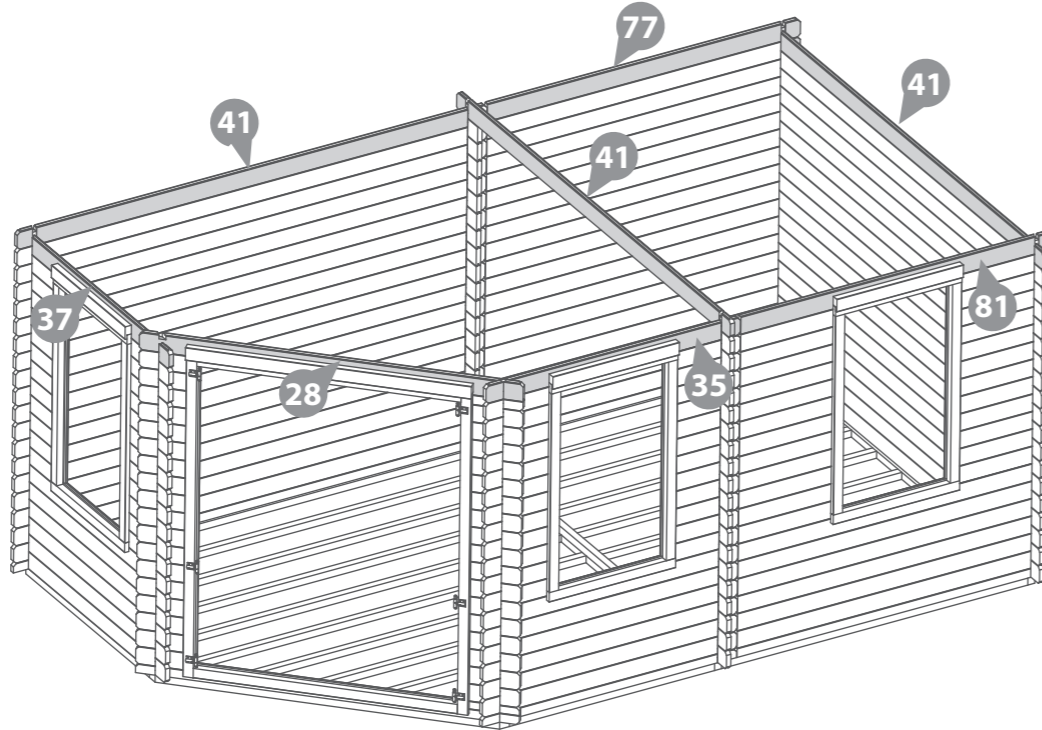
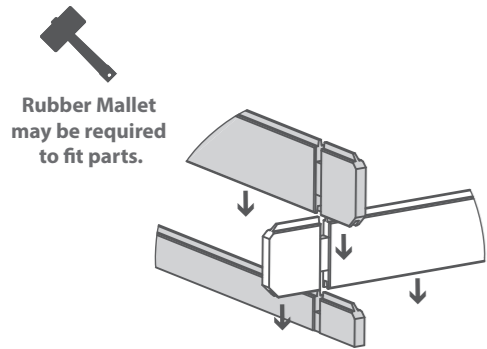
Right Handed

Step 19 - Left Handed

- Parts needed - No. 28 QTY 1
 No. 35 QTY 1
 No. 37 QTY 1
 No. 41 QTY 3
 No. 77 QTY 1
 No. 81 QTY 1

Lay the next layer of boards (No. 28, 35, 37, 41, 77, & 81) onto the log cabin, following the method as shown in the illustration.

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



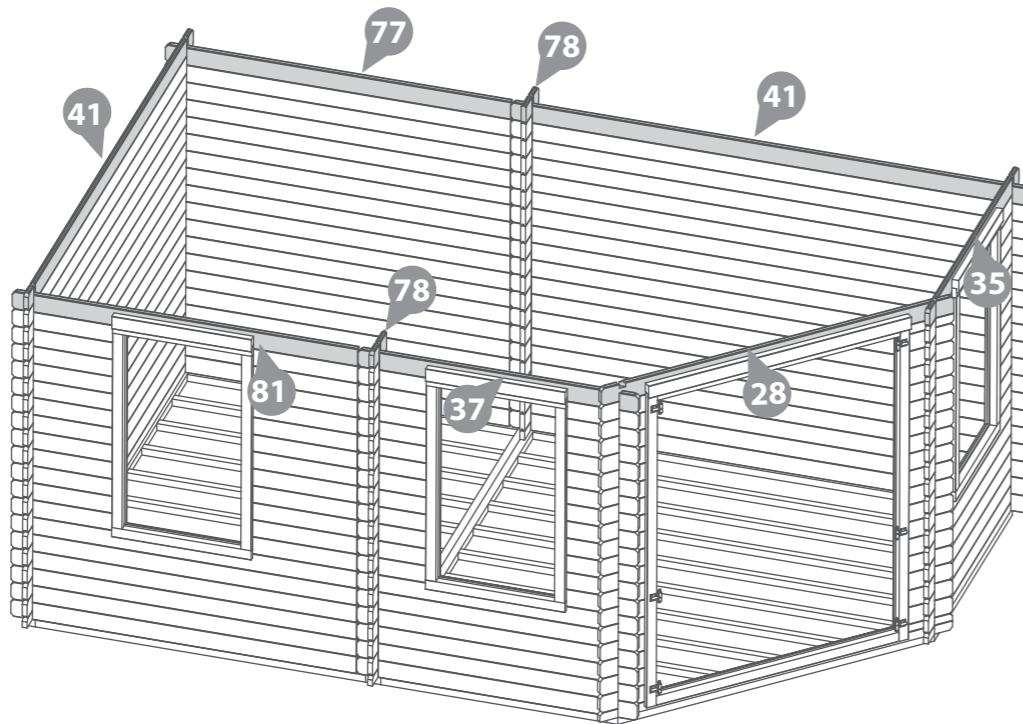
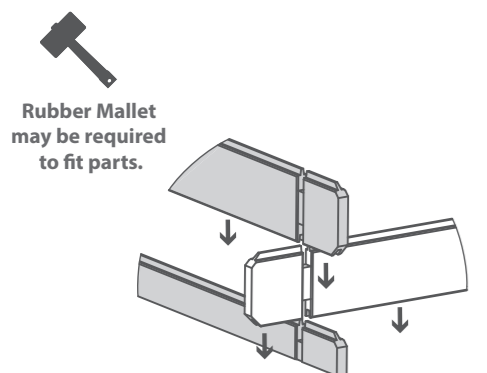
Left Handed

Step 19 - Right Handed

- Parts needed - No. 28 QTY 1
 No. 35 QTY 1
 No. 37 QTY 1
 No. 41 QTY 2
 No. 77 QTY 1
 No. 78 QTY 2
 No. 81 QTY 1

Lay the next layer of boards (No. 28, 35, 37, 41, 77, 78 & 81) onto the log cabin, following the method as shown in the illustration.

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

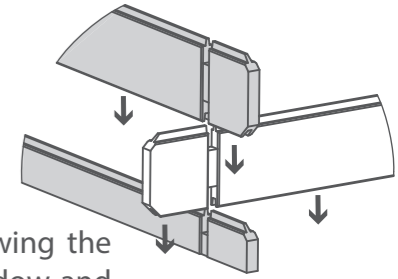


Right Handed

Step 20

- Parts needed - No. 27 QTY 1
 No. 34 QTY 1
 No. 36 QTY 1
 No. 41 QTY 2 (Right Handed QTY 3)
 No. 77 QTY 2

IMPORTANT : Pre-drill before fixing screws.



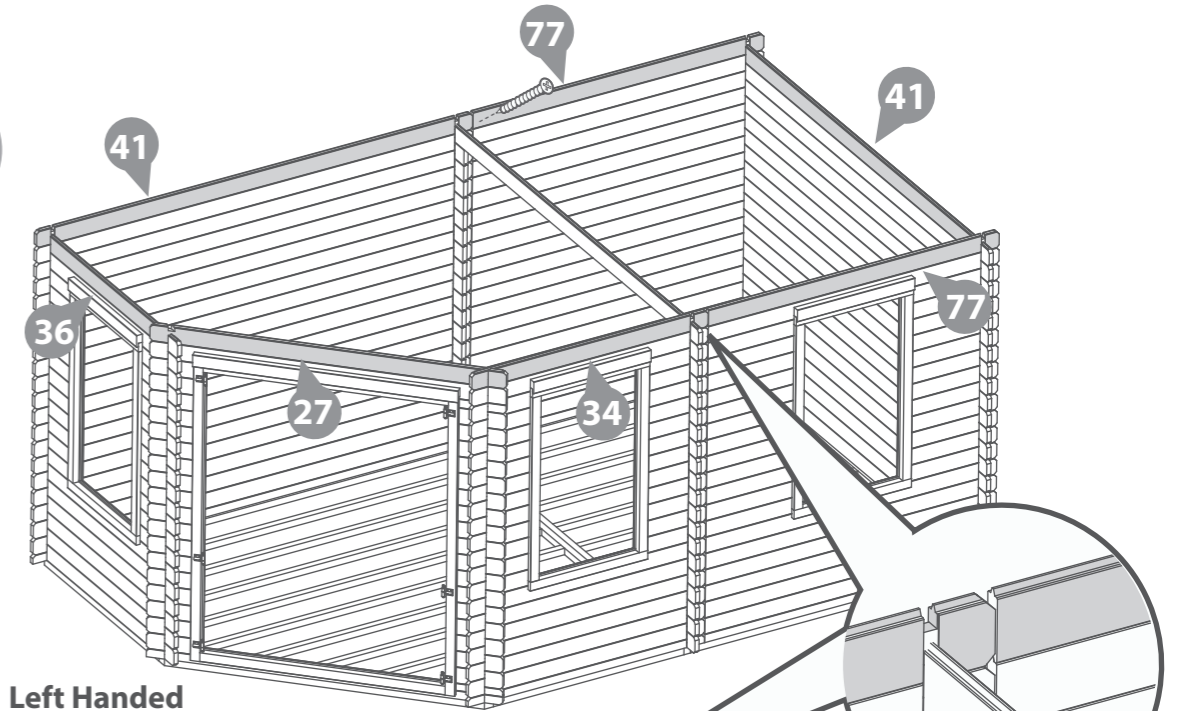
Lay the remaining boards (No. 27, 34, 36, 41 & 77) onto the log cabin, following the method as shown in the illustration, bringing the board level above the window and doors.

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

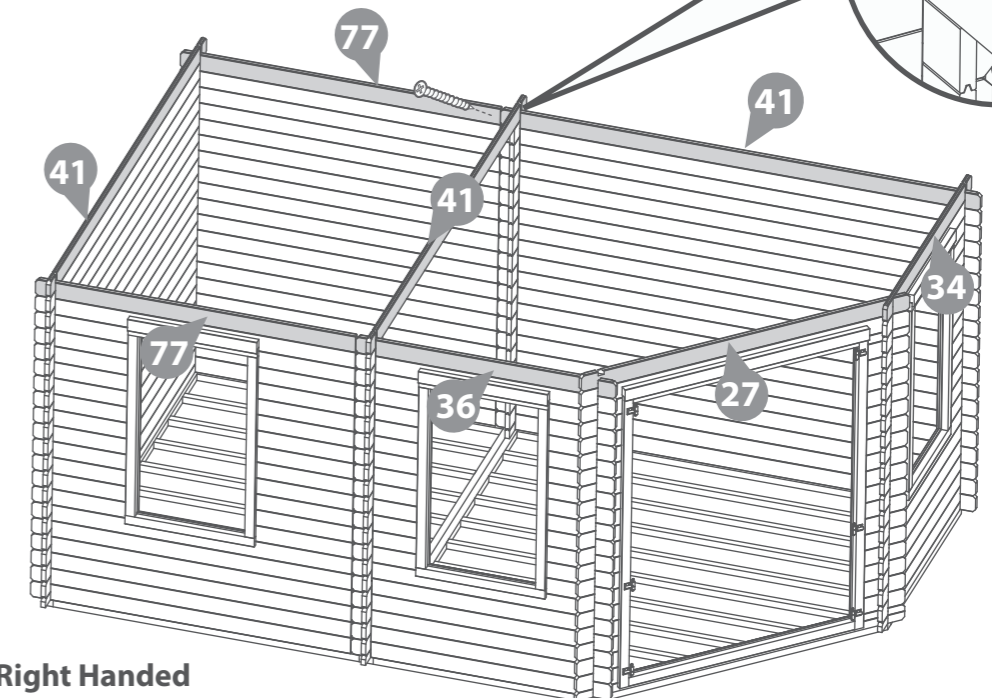
Ensure the boards (No.77) are level, flush and in line with the boards next to them.

Secure every other board (No. 77) in place (internally) by screwing through the side of the board at an angle into the end of the board next to it, using 1x60mm screw per board.

2x60mm Screws



Left Handed



Right Handed

Step 21 - Left Handed

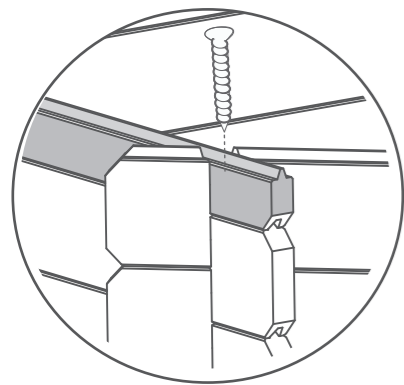
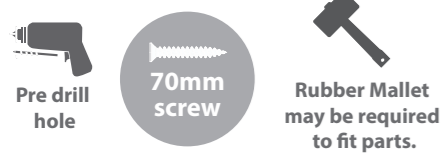
**Parts needed - No. 38 QTY 1
No. 39 QTY 2**

Lay the finisher boards (**No. 38 & 39**) onto the front of the log cabin.

Fix the top boards into position by screwing through the notches using 2x70mm screws.

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

6x70mm Screws



Step 21 - Right Handed

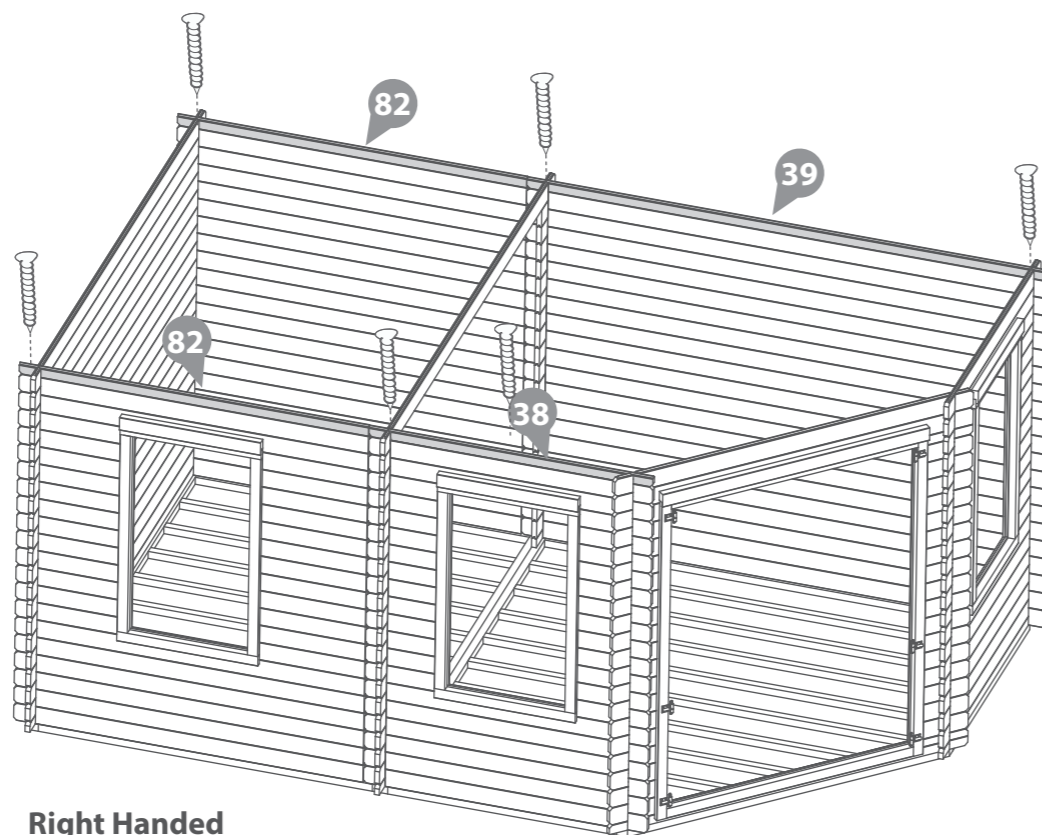
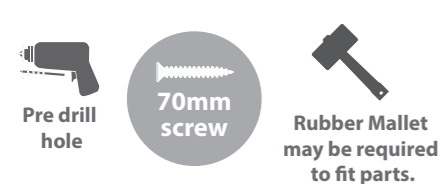
**Parts needed - No. 38 QTY 1
No. 39 QTY 1
No. 82 QTY 2**

Lay the last four boards (**No. 38, 39 & 82**) onto the front of the log cabin.

Fix into position by screwing through the notches using 2x70mm screws.

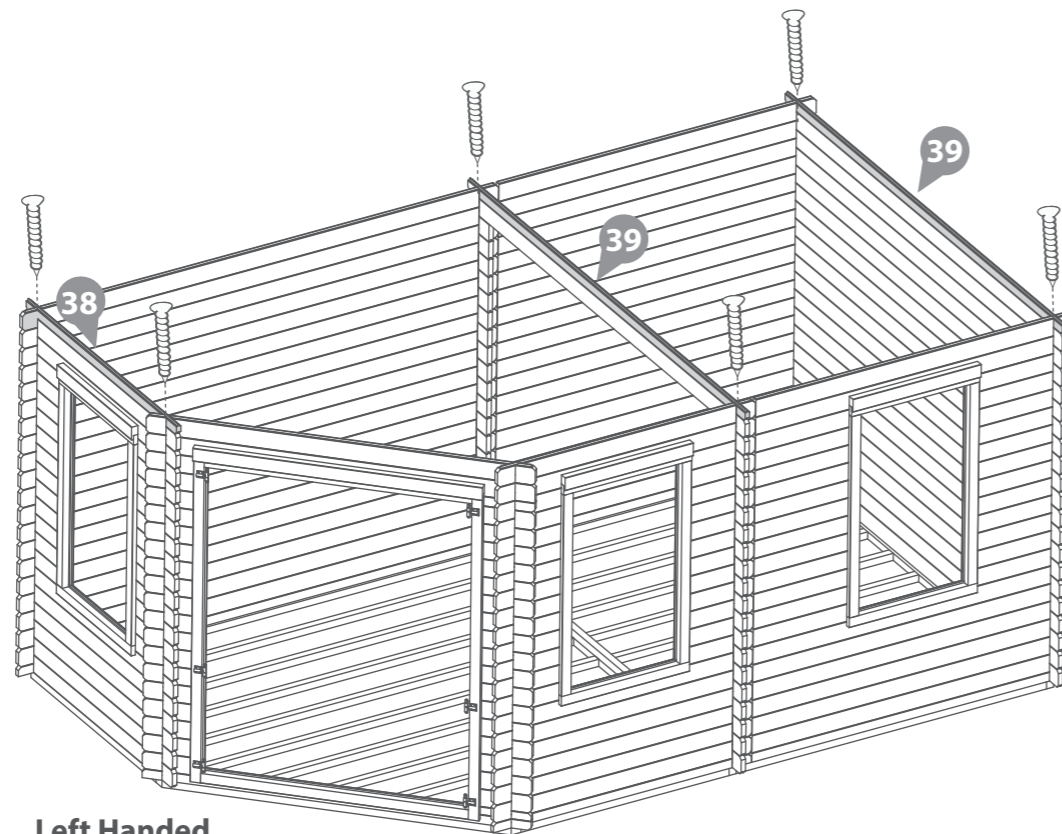
**Ensure that the boards are level and flush with each other as you lay each one.*

6x70mm Screws



Right Handed

IMPORTANT: Pre-drill before fixing screws.



Left Handed

Step 22

Parts needed - No. 89 QTY 2

Place the double storm braces (**No.89**) on either side of the log cabin, (externally and internally) ensuring to locate them 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.*

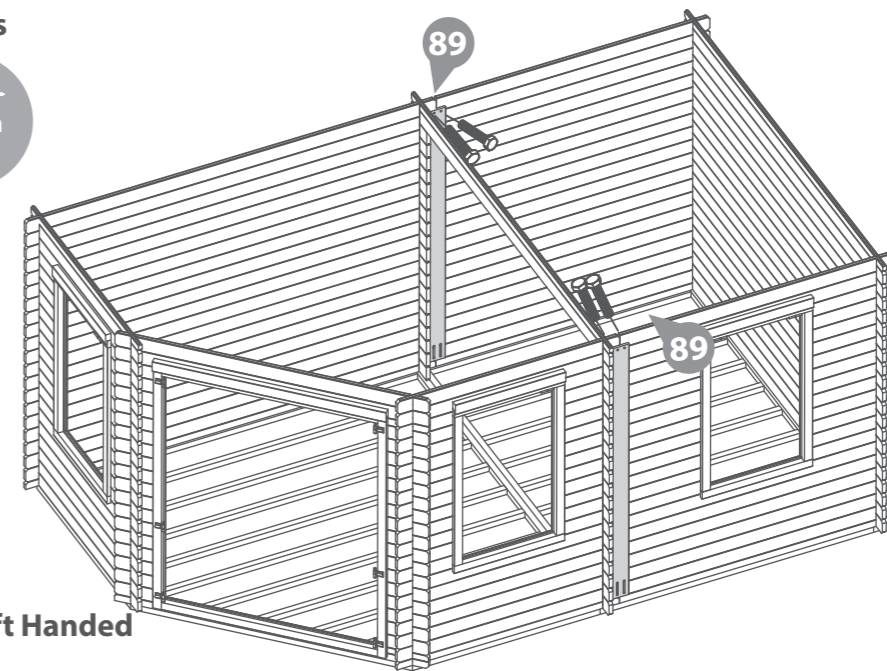
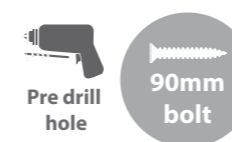
The storm braces will need to be altered during the buildings life as the moisture content within the log boards changes. The boards will expand during periods of high moisture (Winter) and shrink during periods of low moisture (Summer.)

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

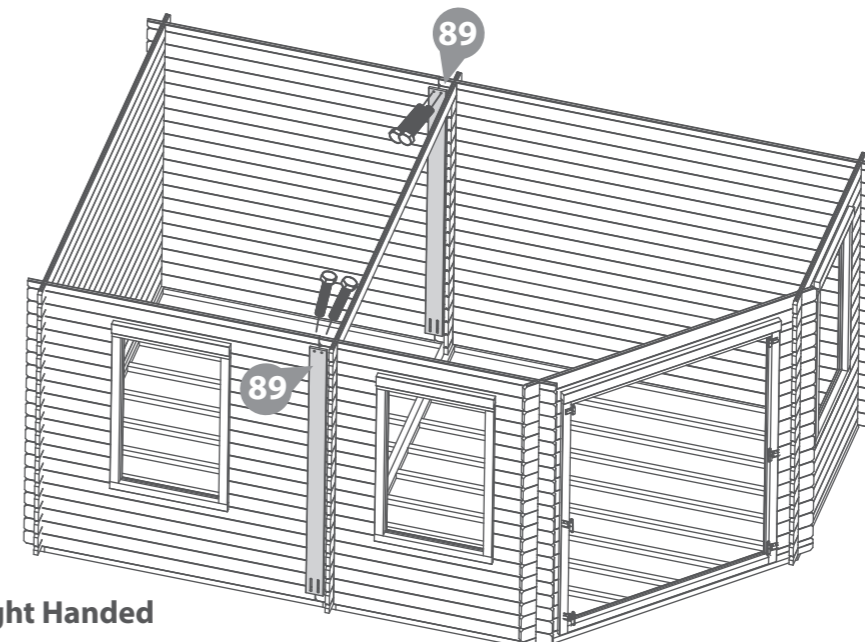
****It is important that each bolt is tightened using a washer so as not to damage the log boards.*

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

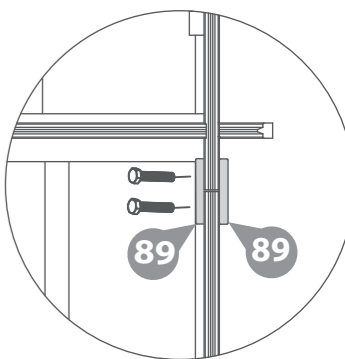
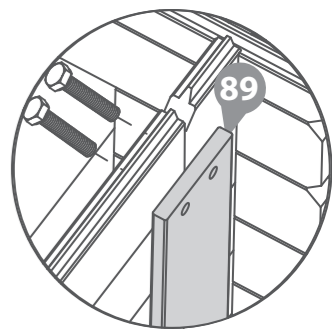
8x90mm Bolts



Left Handed



Right Handed



Step 23
Parts needed - No. 74 QTY 2

Place the gable tops (No. 74) onto the assembly.

Fix into position by screwing through the notches as shown in the illustration.

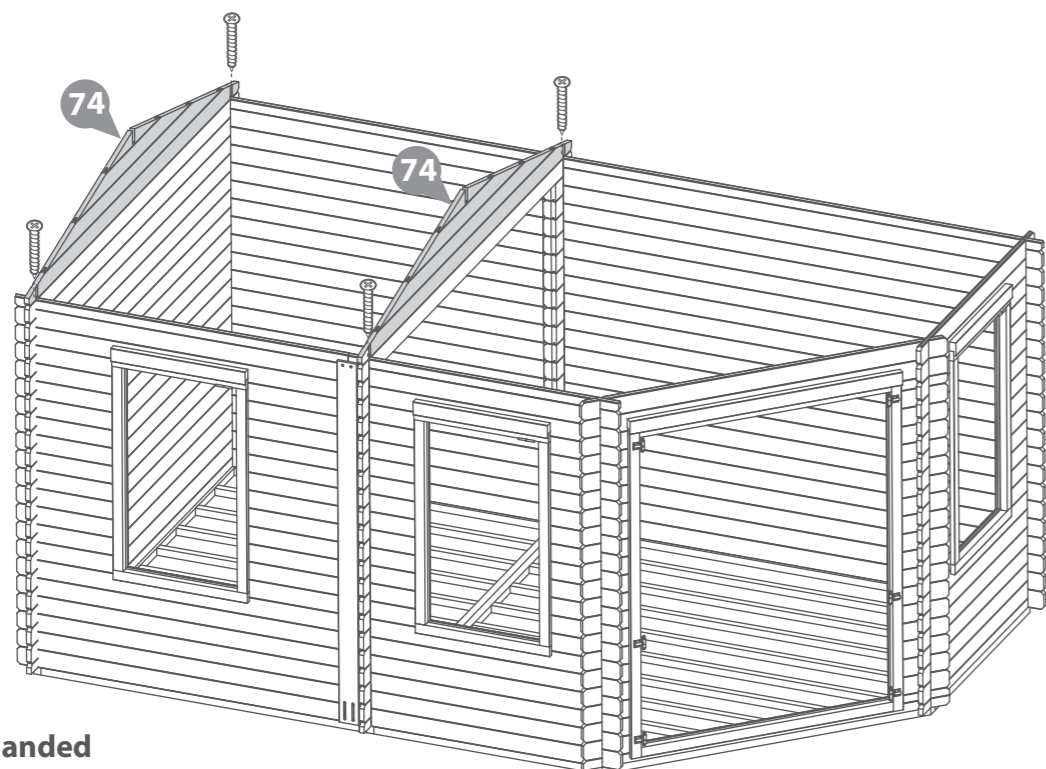
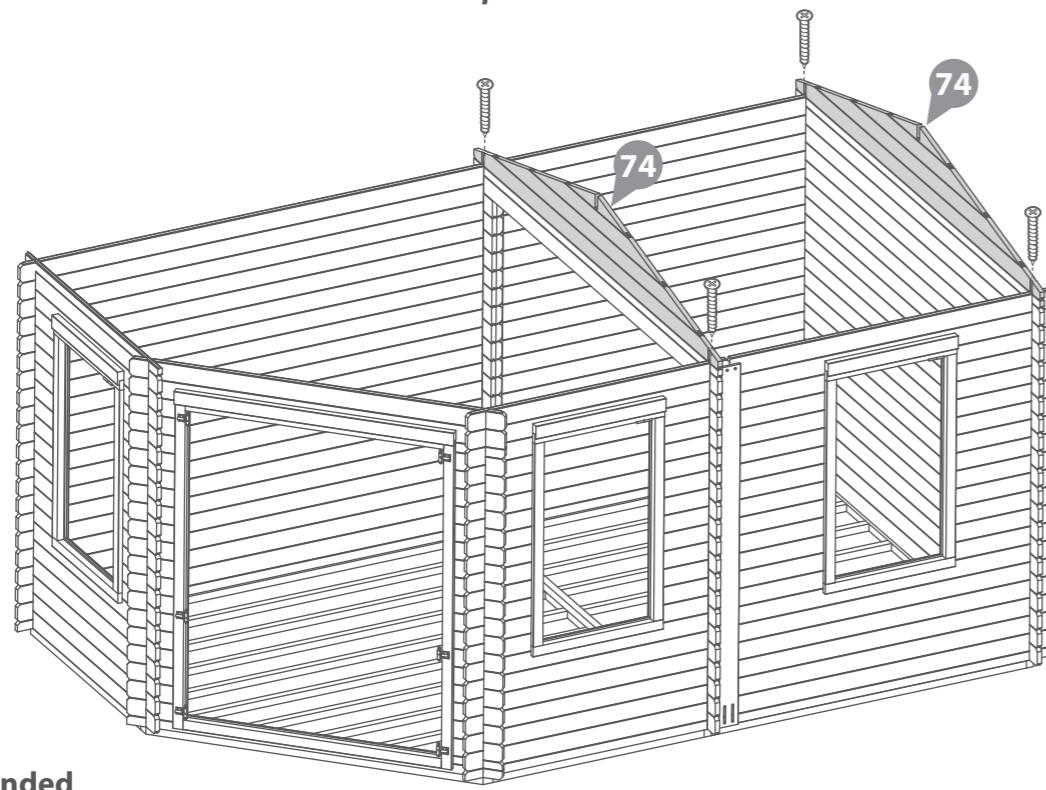
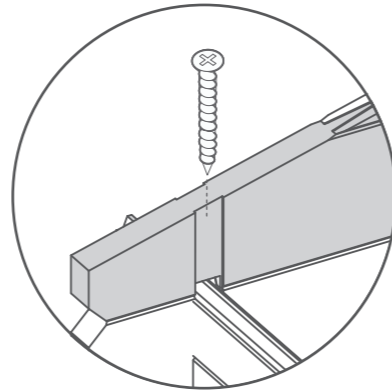
**Ensure that the boards are level and Flush with each other as you lay each one.*

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

4x120mm Screws



IMPORTANT: Pre-drill before fixing screws.

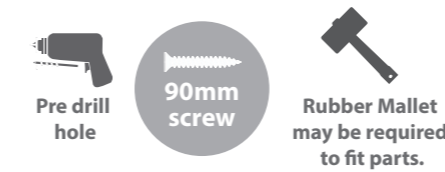


Step 24
Parts needed - No. 50 QTY 1
No. 51 QTY 1
No. 85 QTY 1

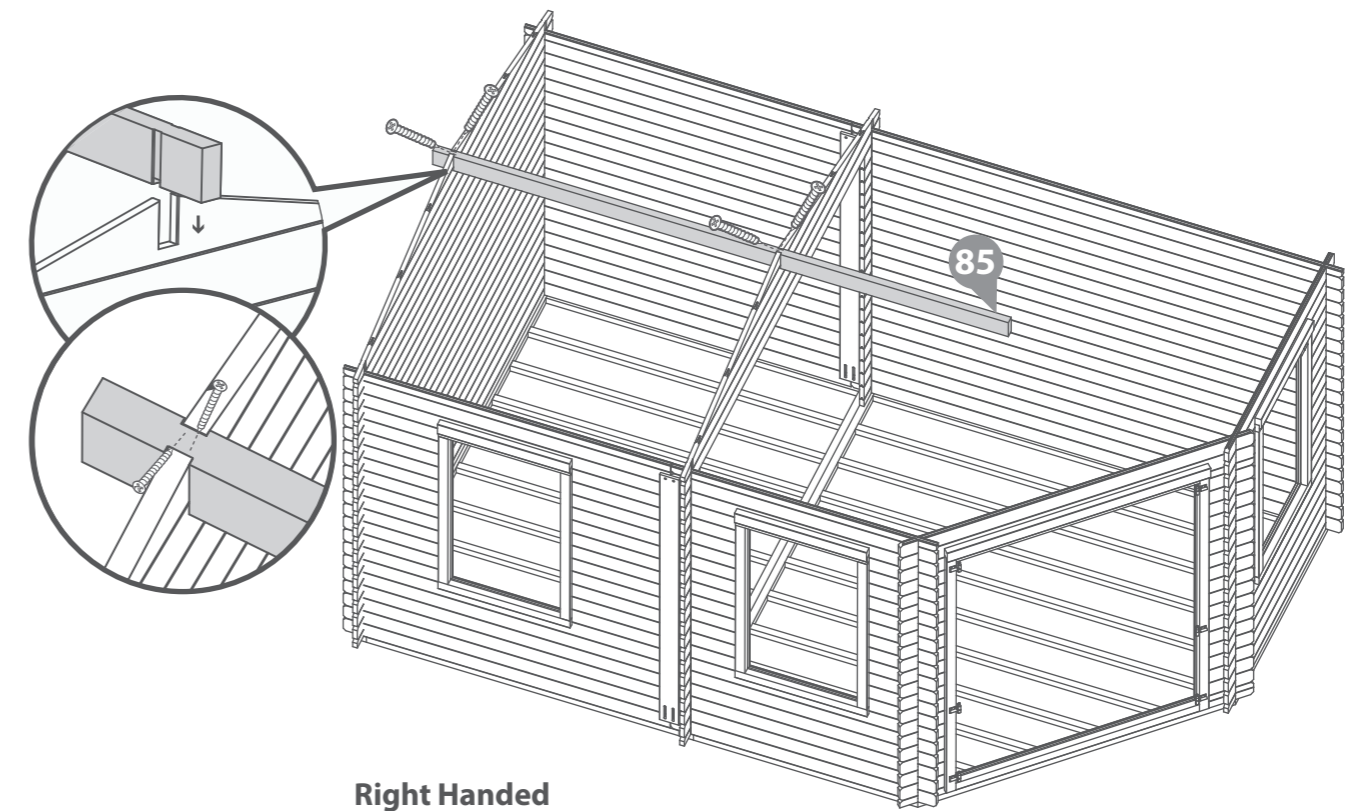
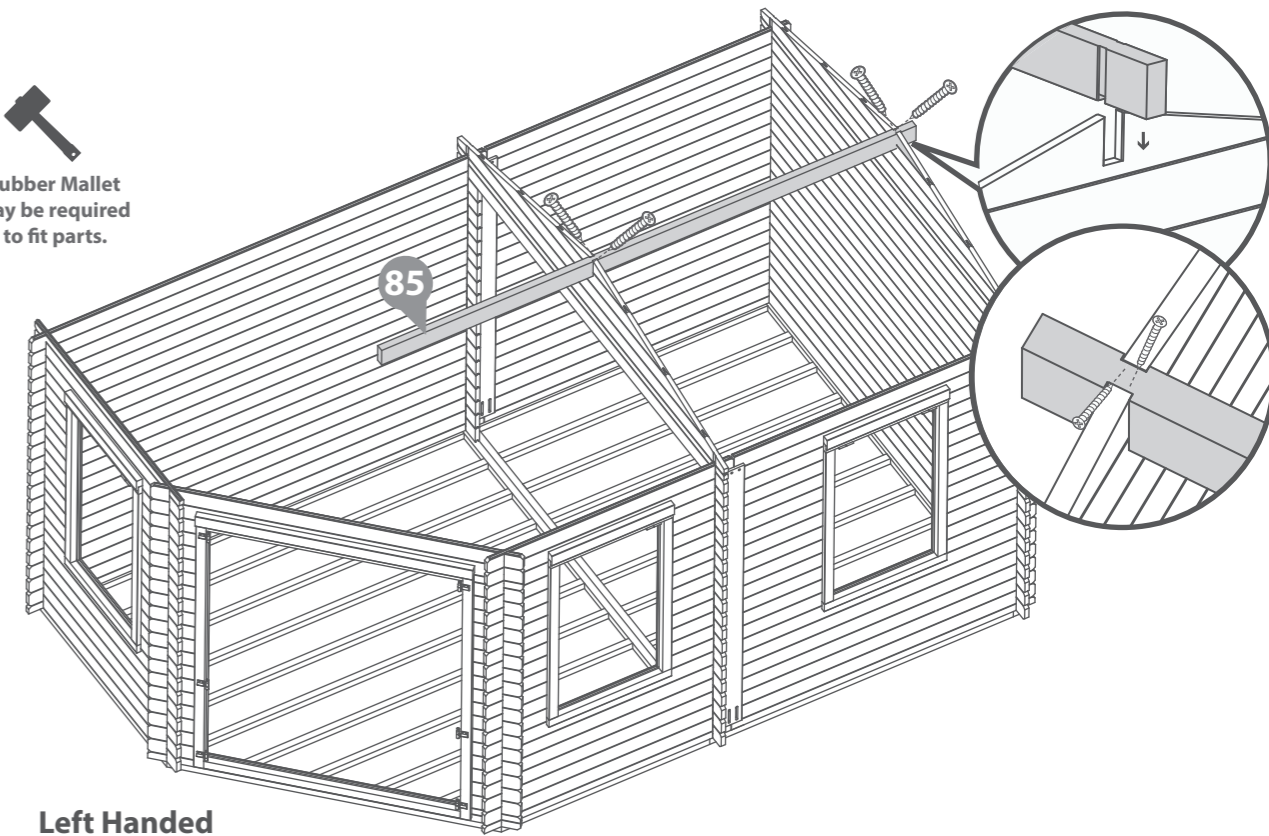
Align the Roof Purlin (No. 85) into the cut out slots on the gables, ensuring the purlin interlocks the boards.

Secure the Roof Purlin in place by screwing through the purlin into the gable using 4x90mm screws.

4x90mm Screws



IMPORTANT: Pre-drill before fixing screws.



Step 25 - Left Handed

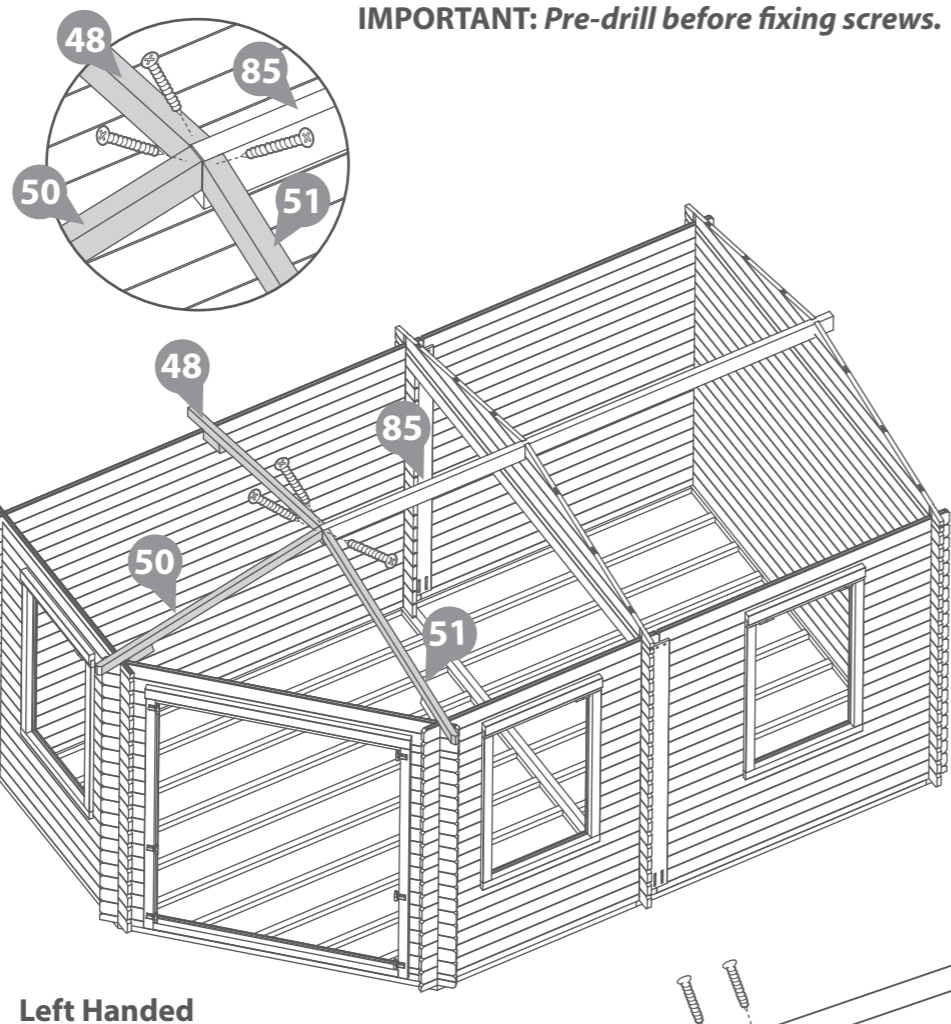
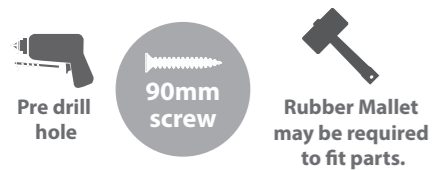
Parts needed - No. 48 QTY 1
No. 50 QTY 1
No. 51 QTY 1

Place the Central roof Truss Roof Truss C (No.50) flush to the end of the roof purlin (No. 85)

Place Roof Truss D (No.51) and Roof Truss A (No.48) onto either side of the Roof Purlin (No.85) ensuring they sit flush to the end, creating a 'T' shape as shown in the illustration.

Fix in place by screwing through the truss into the Purlin at an angle, as shown in the illustration using 1x90mm screw per truss.

3x90mm Screws



Left Handed

IMPORTANT: Pre-drill before fixing screws.

Step 25 - Right Handed

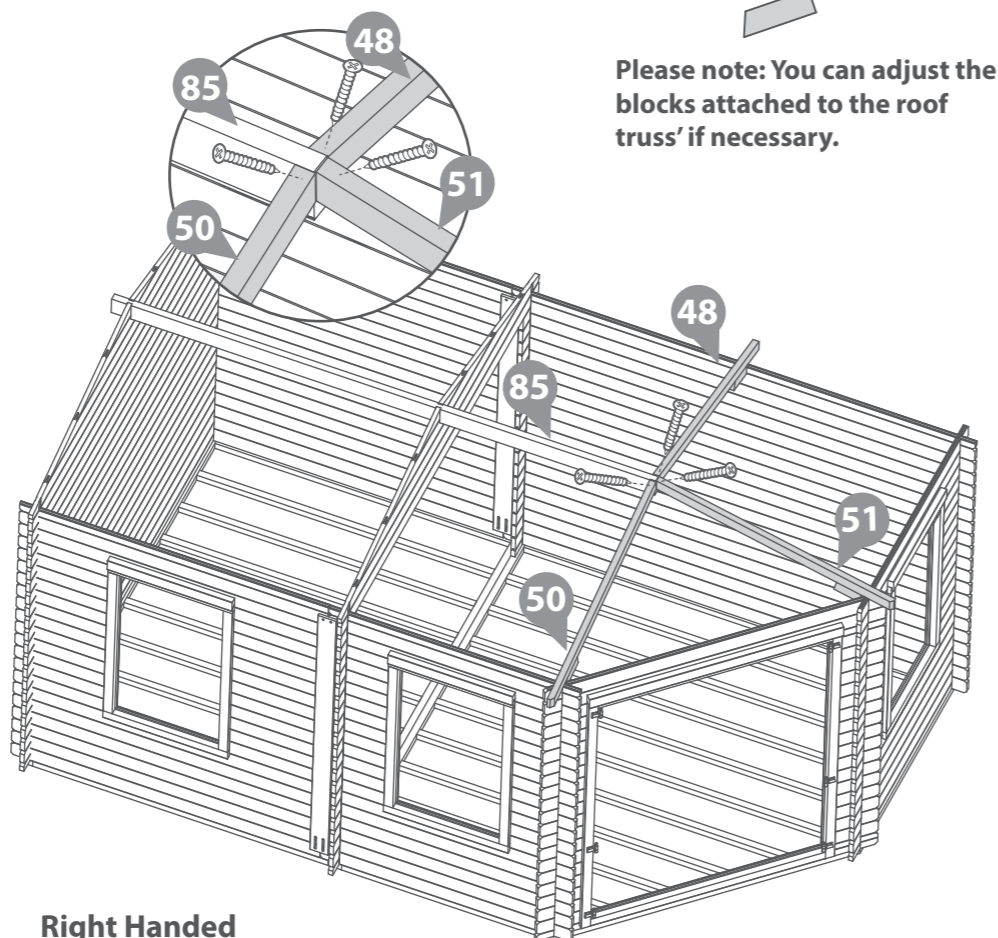
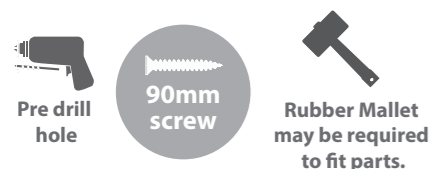
Parts needed - No. 48 QTY 1
No. 50 QTY 1
No. 51 QTY 1

Place the Central roof Truss ' Roof Truss D (No.51) flush to the end of the roof purlin (No. 85)

Place Roof Truss C (No.50) and Roof Truss A (No.48) onto either side of the Roof Purlin (No.85) ensuring they sit flush to the end, creating a 'T' shape as shown in the illustration.

Fix in place by screwing through the truss into the Purlin at an angle, as shown in the illustration using 1x90mm screw per truss.

3x90mm Screws



Right Handed

Please note: You can adjust the blocks attached to the roof truss' if necessary.

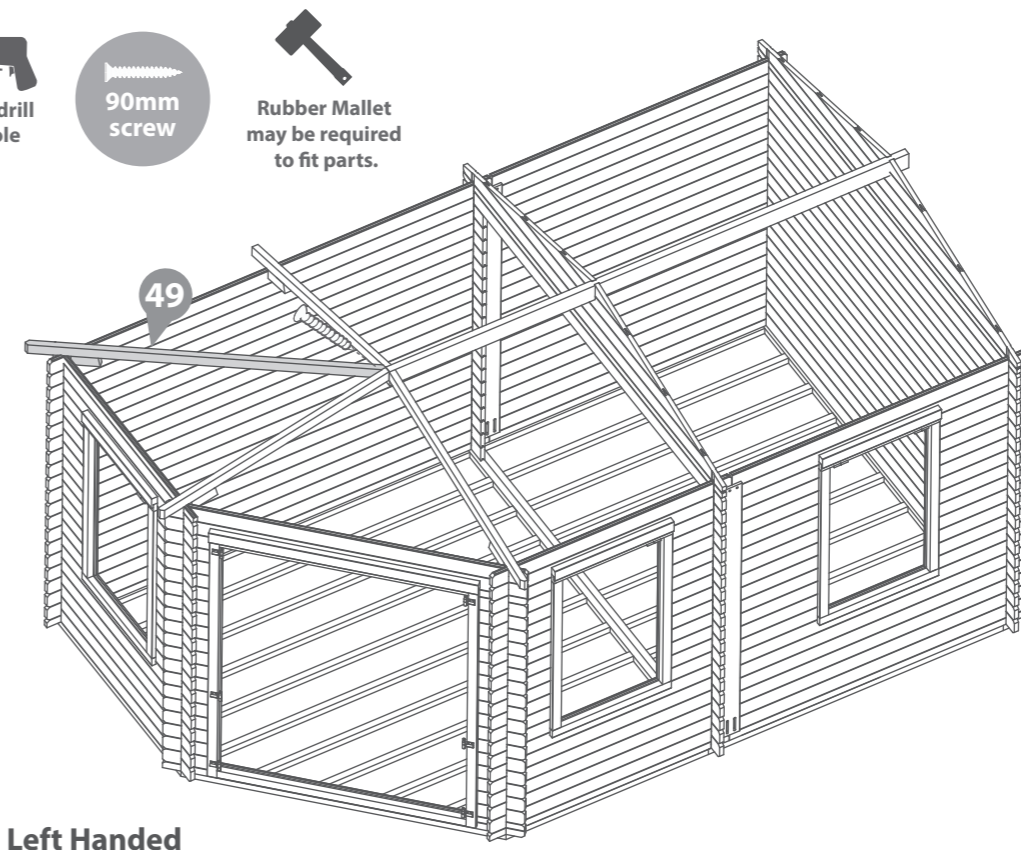
Step 26

Parts needed - No. 49 QTY 1

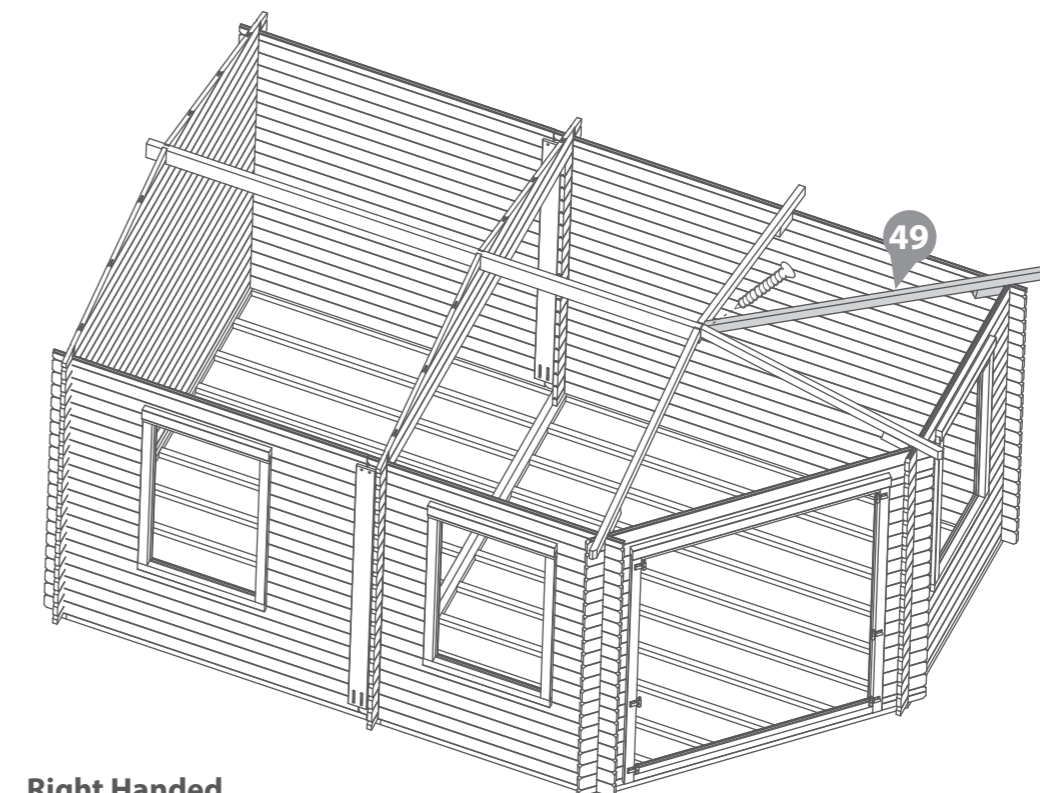
Place 'Roof Truss B' (No. 49) between Roof Truss A (No.48) and the Central Roof Truss (Truss D for Roof Assembly 1, and Truss C for Roof Assembly 2) as shown in the illustration.

Fix in place by screwing into the purlin at an angle as shown in the illustration using 1x90mm screw.

1x90mm Screws

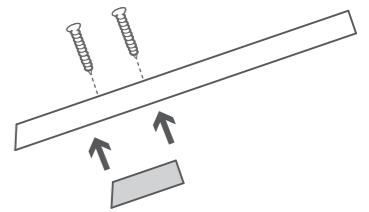


Left Handed

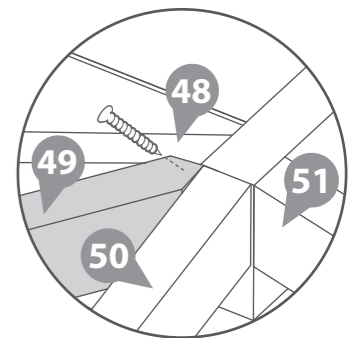


Right Handed

IMPORTANT: Pre-drill before fixing screws.



Please note: You can adjust the blocks attached to the roof truss' if necessary.

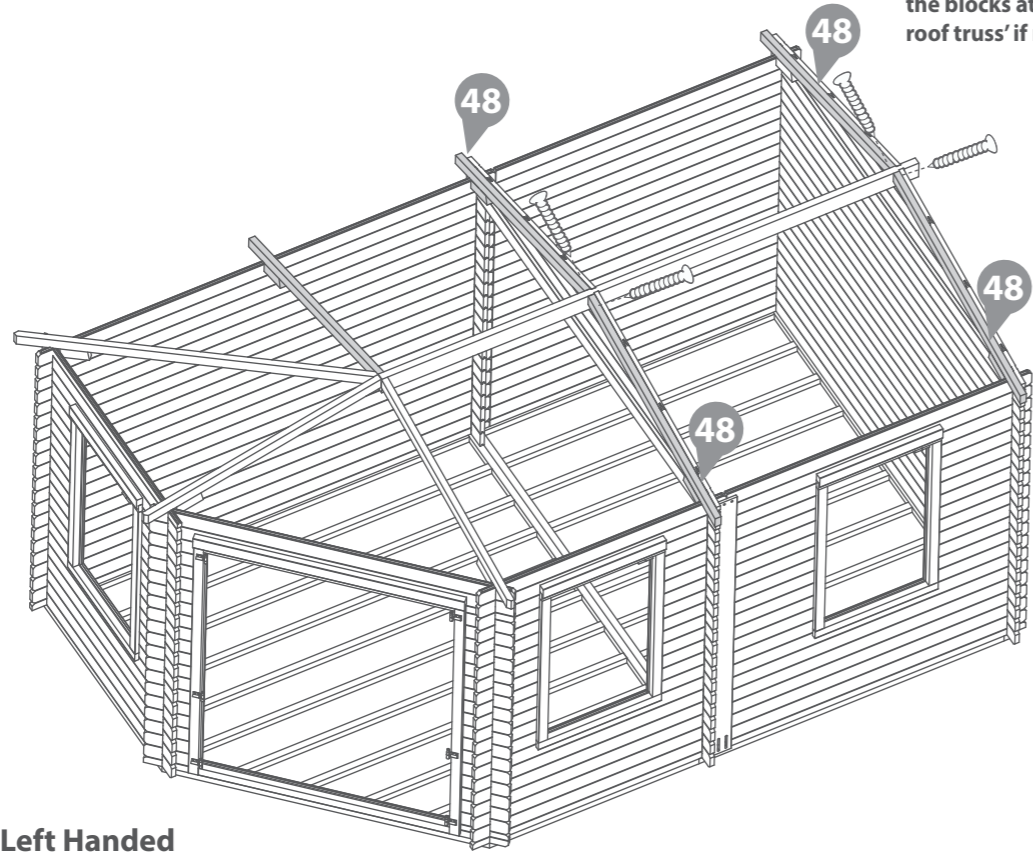
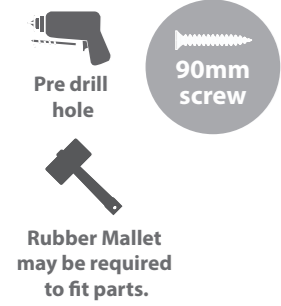


Step 27
Parts needed - No. 48 QTY 4

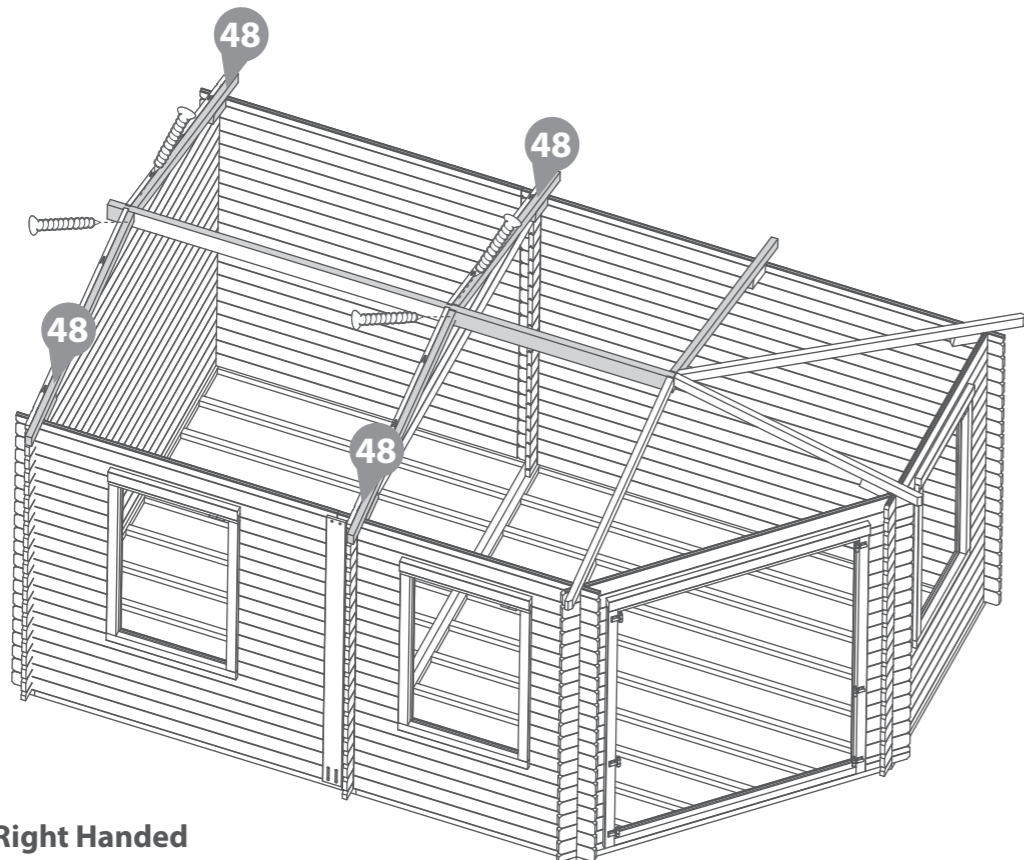
Place 2x 'Roof Truss A' (No. 48) flush to the inside of the back gable and 2x 'Roof Truss A' (No. 48) to the inside of the gable in the middle of the log cabin.

Fix the Truss' in place by screwing into the purlin at an angle as shown in the illustration using 1x90mm screws per Roof Truss.

4x90mm Screws

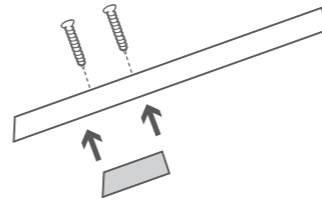


Left Handed



Right Handed

IMPORTANT: Pre-drill before fixing screws.



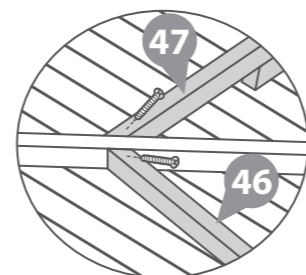
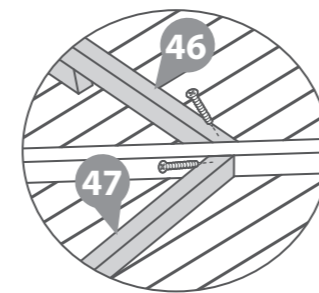
Please note: You can adjust the blocks attached to the roof truss' if necessary.

Step 28
Parts needed - No. 46 QTY 1
No. 47 QTY 1

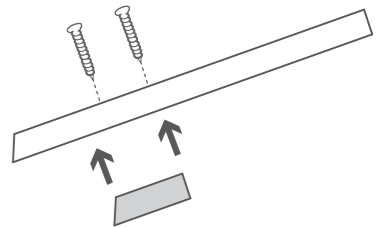
Secure the shortest Roof Truss' (No. 46 & 47) to 'Roof Truss B' (No.32) as shown in the illustration using 1x70mm screws per truss.

***Ensure the angled side of the short truss is flush with the side of the long truss. Then make sure the block under the short truss is flush against the wall of the building.**

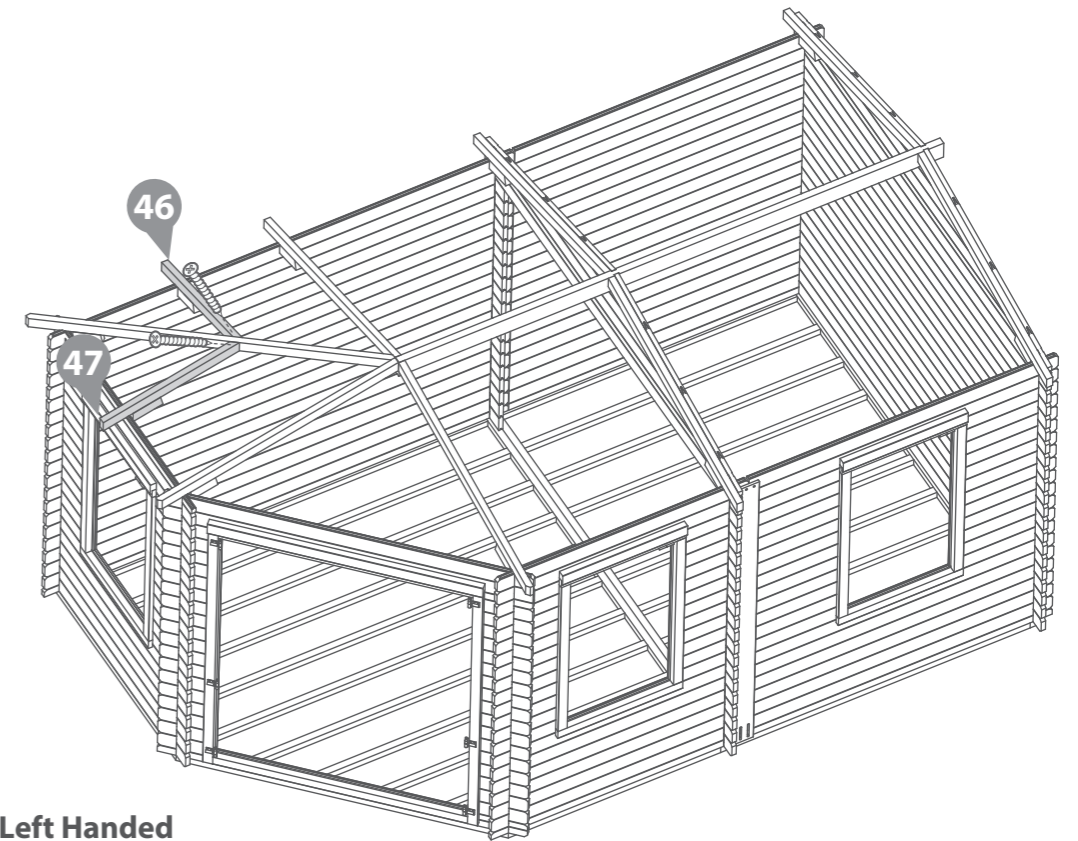
2x90mm Screws



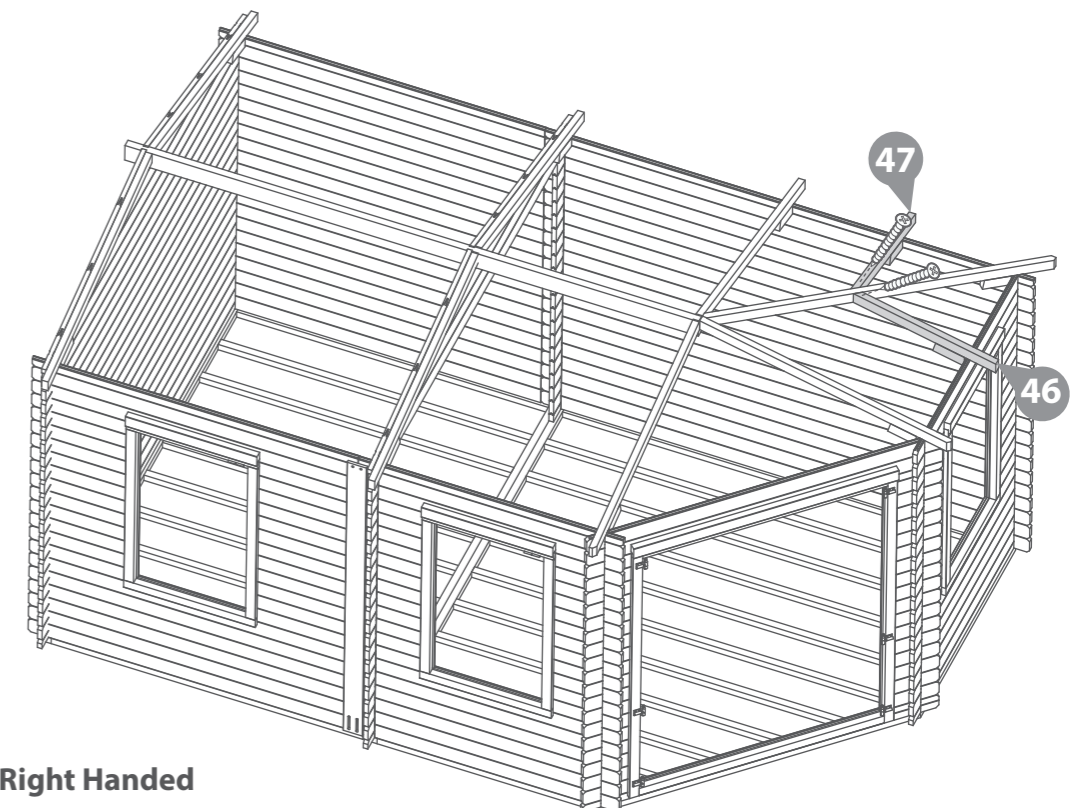
IMPORTANT: Pre-drill before fixing screws.



Please note: You can adjust the blocks attached to the roof truss' if necessary.



Left Handed



Right Handed

Step 29

- Parts needed - No. 42 QTY 1**
No. 43 QTY 1
No. 44 QTY 1
No. 45 QTY 6

IMPORTANT: Pre-drill before fixing screws.

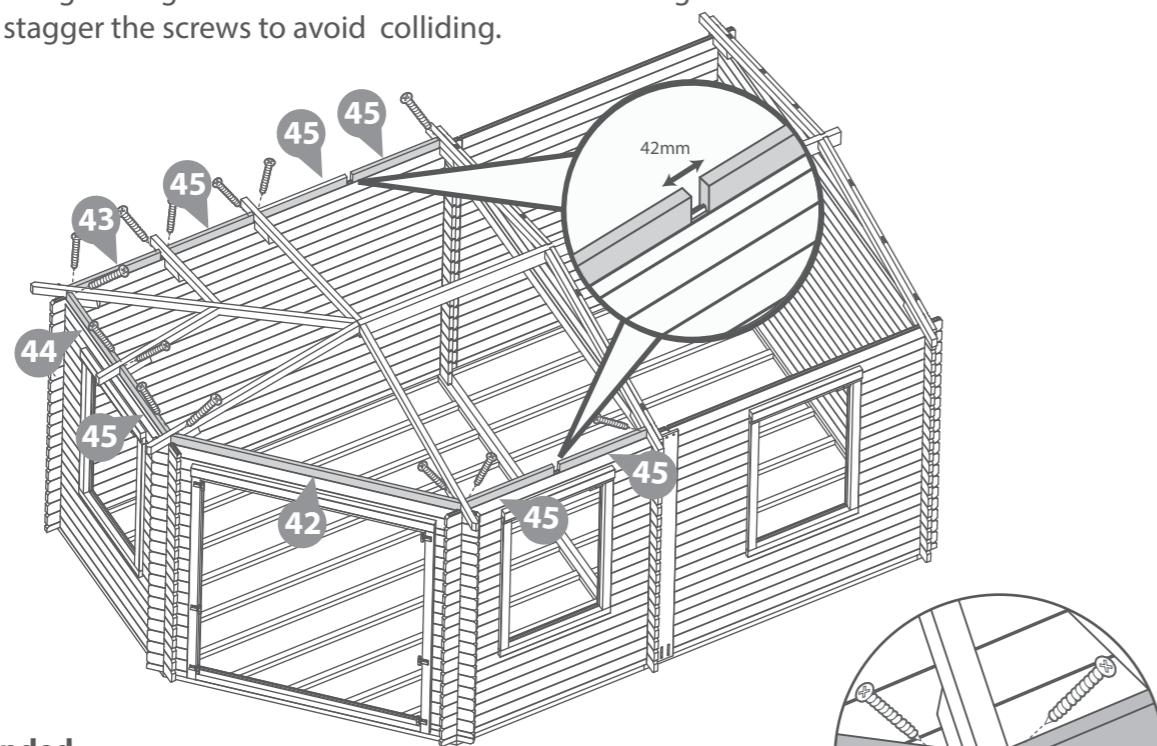
Place the finisher boards (**No. 42, 43, 44 & 45**) around the front of the log cabin, locating each board flush to the truss'.

**Please Note: there should be a gap between boards No. 45 & 45 on either side of the log cabin, with enough space to locate a Roof Truss.*

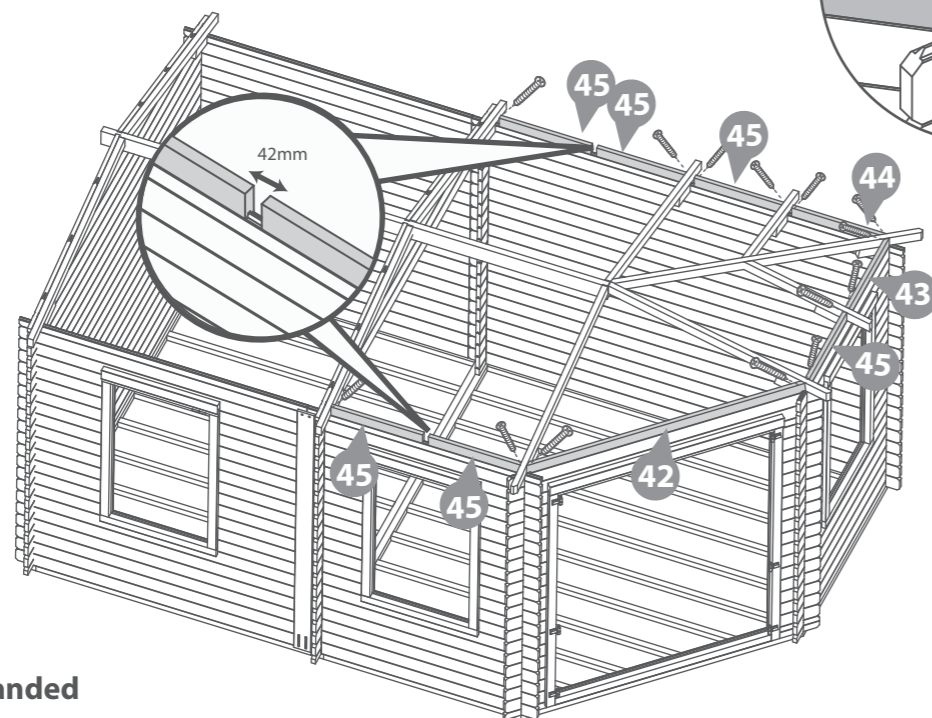
Some adjustment may be required to ensure the roof structure rests correctly.

Secure each board by screwing through the board into the Roof Truss using 70mm screws, ensuring to stagger the screws to avoid colliding.

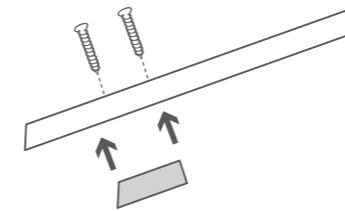
14x70mm Screws



Left Handed



Right Handed



Please note: You can adjust the blocks attached to the roof truss' if necessary.

Step 30

- Parts needed - No. 48 QTY 2**

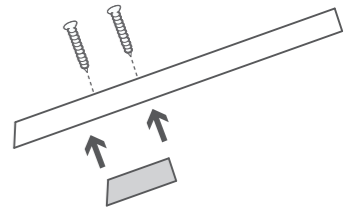
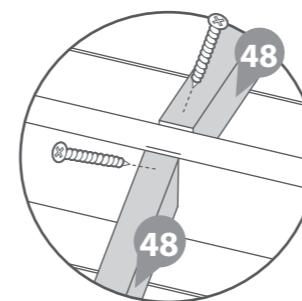
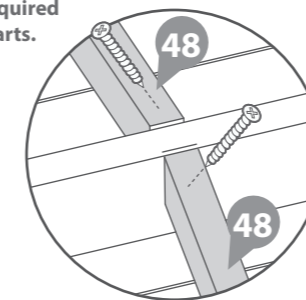
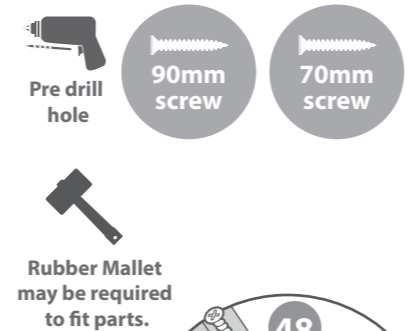
Locate two 'Roof Truss A' (**No. 48**) into the gaps between the finisher boards on either side of the log cabin, as shown in the illustration.

Some adjustment may be required to ensure the roof structure rests correctly.

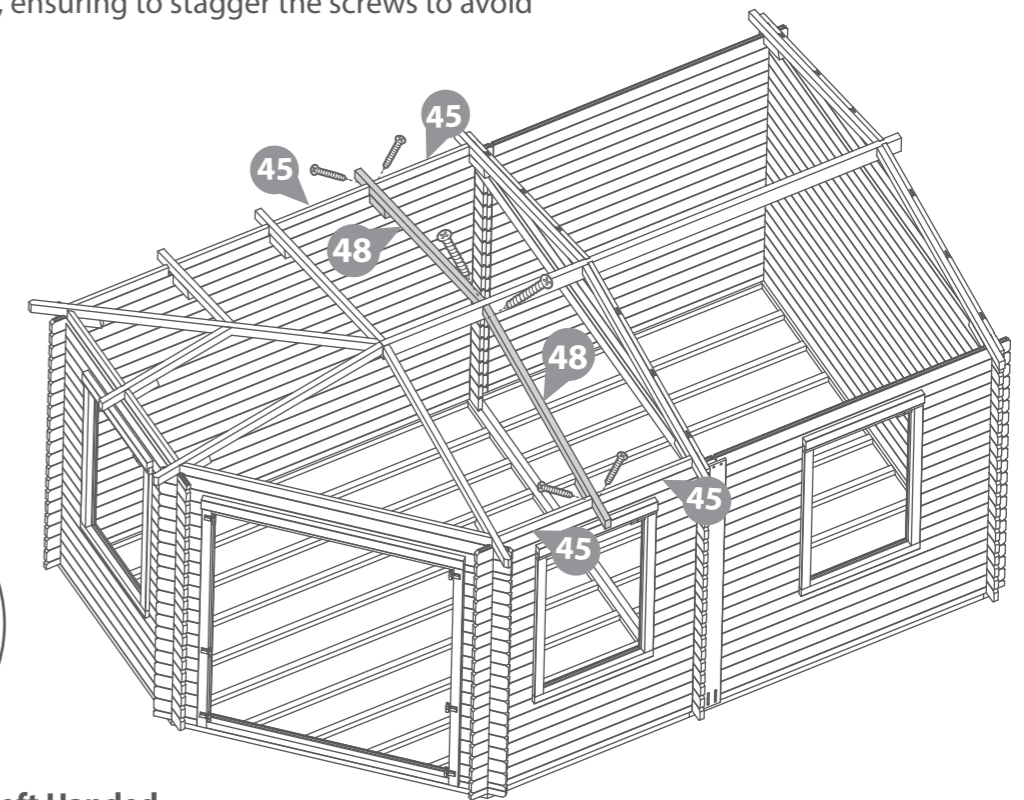
Fix the Truss' in place by screwing into the purlin at an angle as shown in the illustration using 1x90mm screws per Roof Truss.

Secure each Finisher board (**No.45**) in place by screwing through the board into the Roof Truss using 70mm screws, ensuring to stagger the screws to avoid colliding.

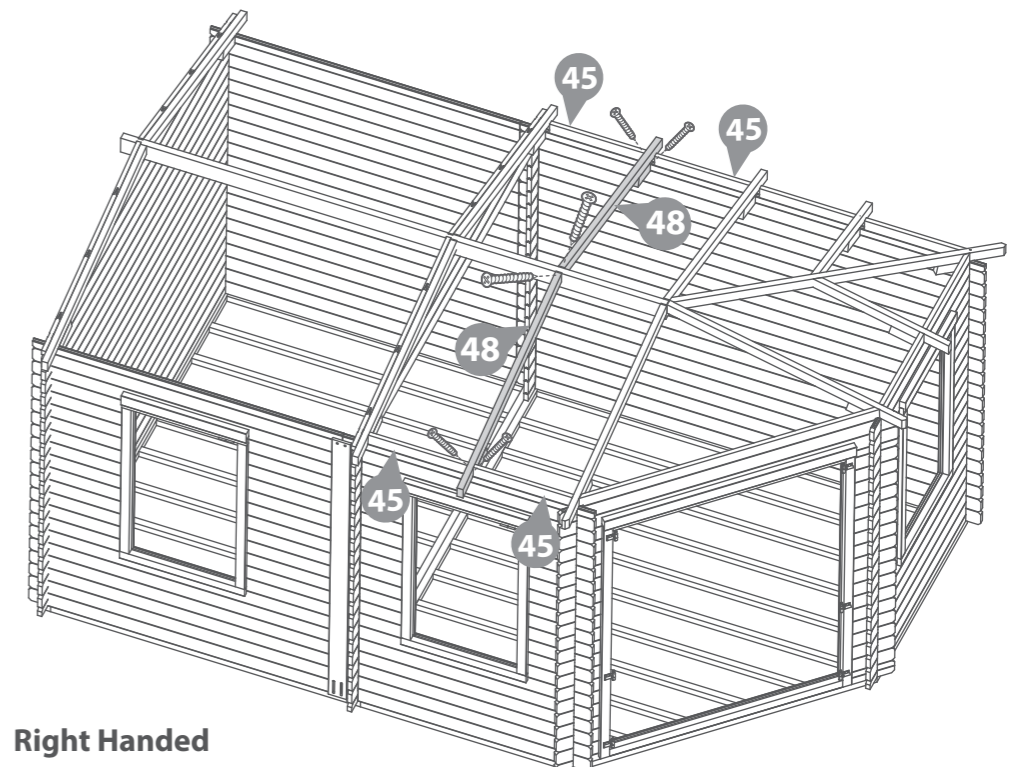
- 2x90mm Screws**
4x70mm Screws



Please note: You can adjust the blocks attached to the roof truss' if necessary.



Left Handed



Right Handed

Step 31

Parts needed - No. 48 QTY 2
No. 84 QTY 2

Place the Finisher boards (**No. 84**) either side of the log cabin, locating each board flush to the central gable.

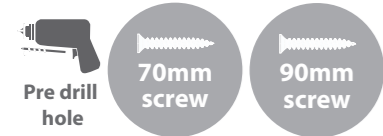
Locate two 'Roof Truss A' (**No. 48**) flush to the finisher boards on either side, as shown in the illustration.

Some adjustment may be required to ensure the roof structure rests correctly.

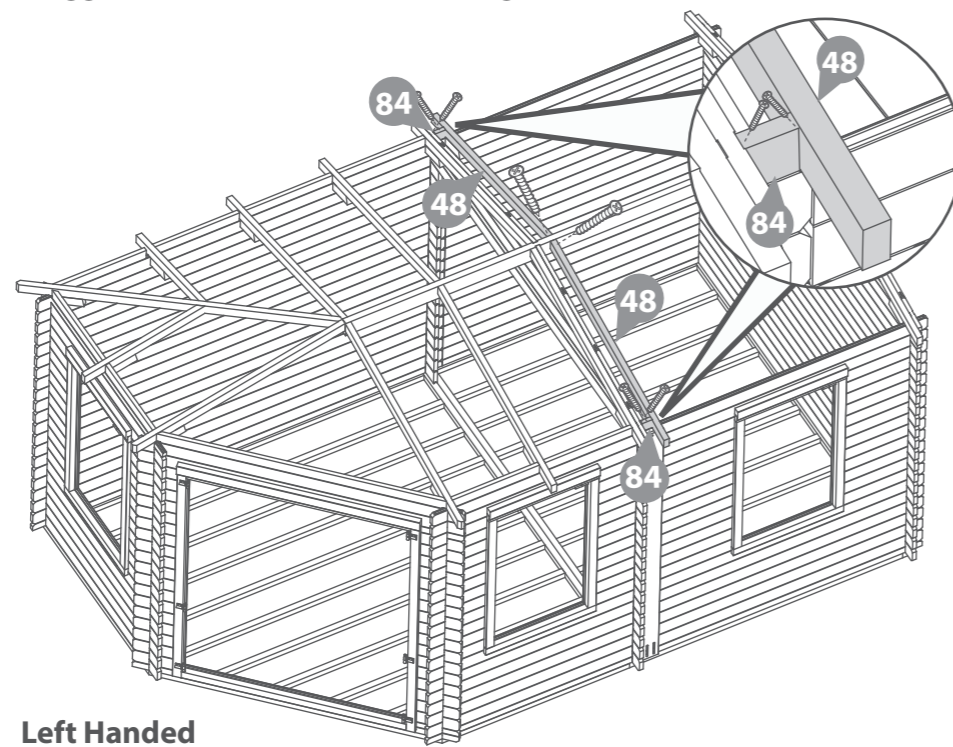
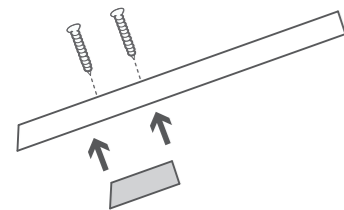
Fix the Truss in place by screwing into the purlin at an angle, as shown in the illustration using 1x90mm screws per Roof Truss.

Secure each Finisher board (**No.84**) in place by screwing through the board into the Roof Truss and gable using 70mm screws, ensuring to stagger the screws to avoid colliding.

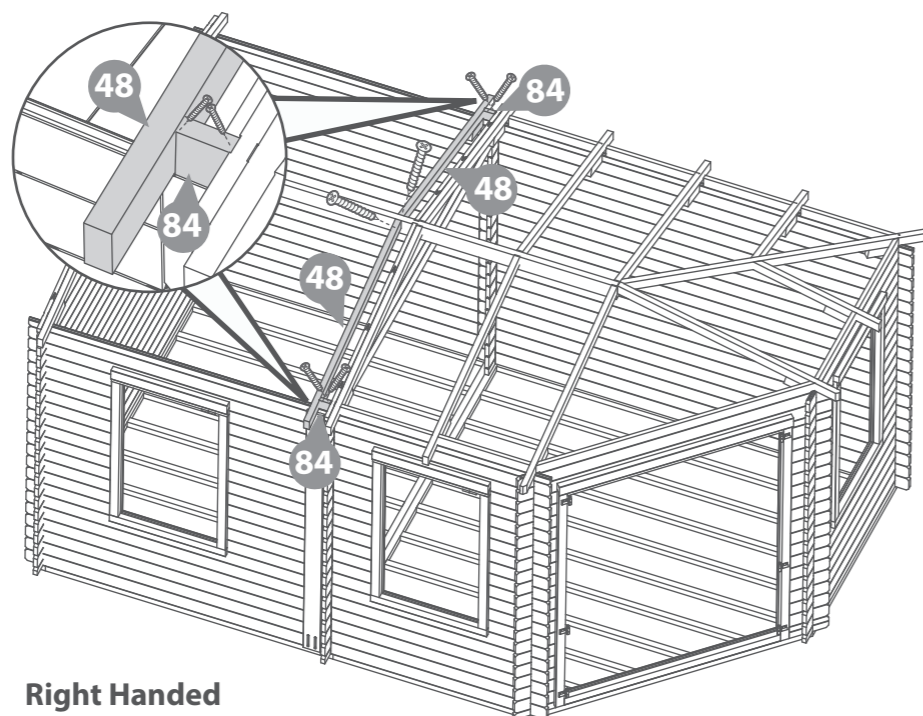
2x90mm Screws
4x70mm Screws



Rubber Mallet may be required to fit parts.



Left Handed



Right Handed

Please note: You can adjust the blocks attached to the roof truss' if necessary.

Step 32

Parts needed - No. 48 QTY 2
No. 83 QTY 4

IMPORTANT: Pre-drill before fixing screws.

Place the finisher boards (**No. 83**) around the back of the log cabin, locating each board flush to the truss'.

**Please Note: there should be a gap between the finisher boards No. 82 & 82 on either side of the log cabin, with enough space to locate a Roof Truss.*

Locate the last two 'Roof Truss A' (**No. 48**) into the gaps between the finisher boards **No. 83 & 83** on either side of the log cabin, as shown in the illustration.

Some adjustment may be required to ensure the roof structure rests correctly.

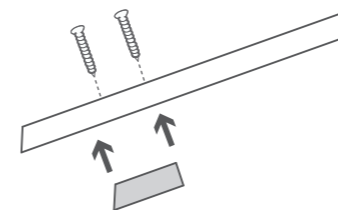
Fix the Roof Truss' (**No.48**) in place by screwing into the purlin at an angle, as shown in the illustration using 1x90mm screw per Roof Truss.

Secure the Finisher boards (**No.83**) in place by screwing through the board into the Roof Truss using 70mm screws, ensuring to stagger the screws to avoid colliding.

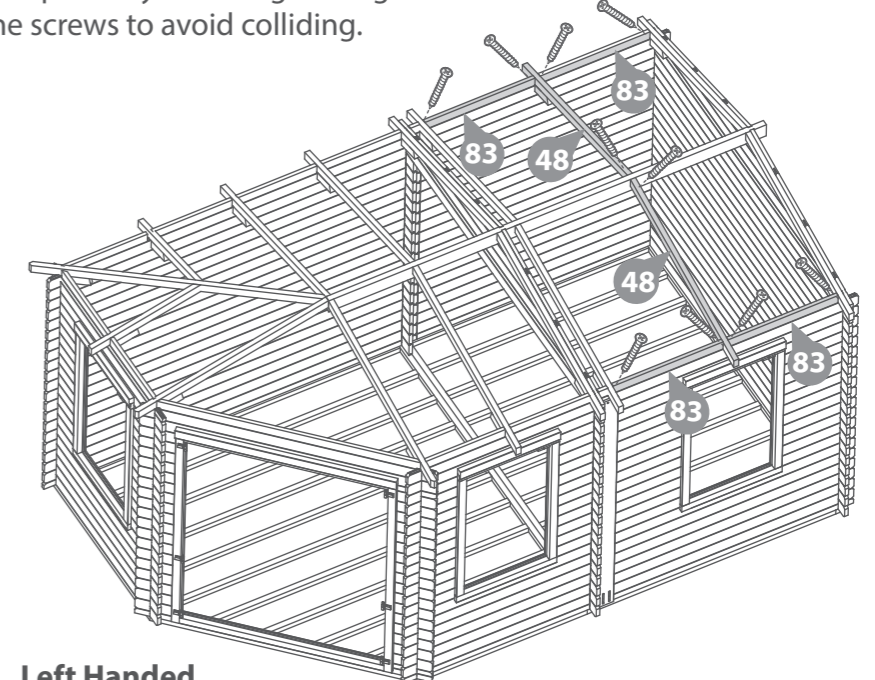
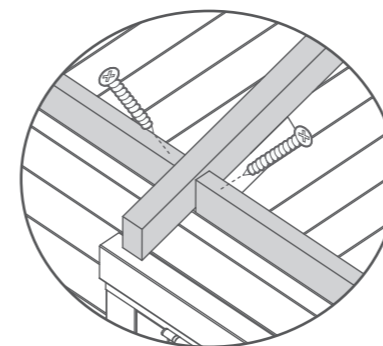
8x70mm Screws
2x90mm Screws



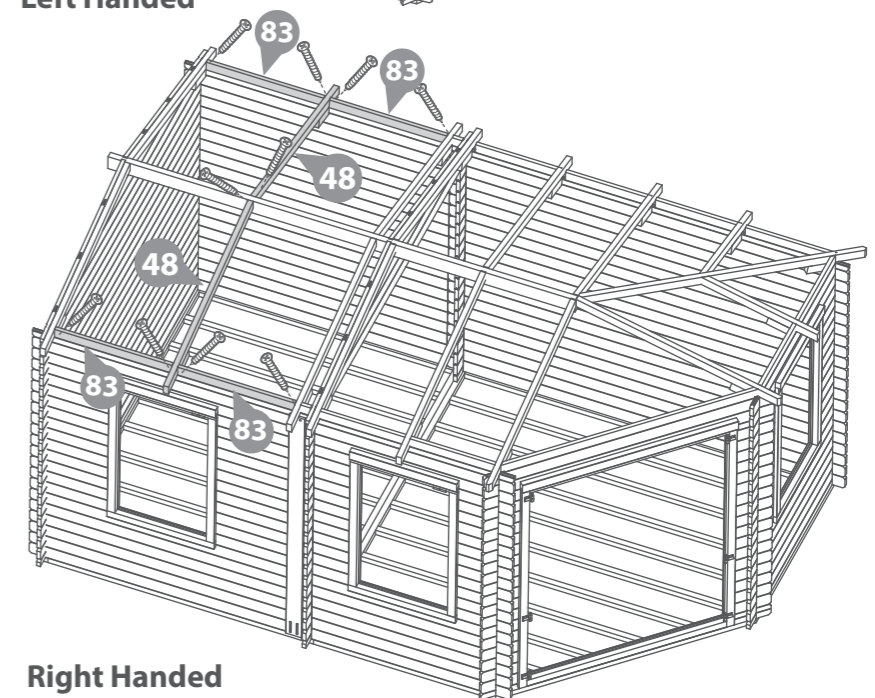
Rubber Mallet may be required to fit parts.



Please note: You can adjust the blocks attached to the roof truss' if necessary.

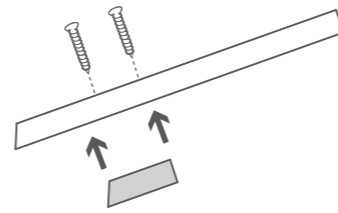


Left Handed



Right Handed

IMPORTANT: Pre-drill before fixing screws.



Please note: You can adjust the blocks attached to the roof truss' if necessary.

Step 33

You can now fix the assembled roof truss's to the log cabin, making sure the attached blocks sit inside the log cabin.

Some adjustment may be required to ensure the roof structure rests correctly.

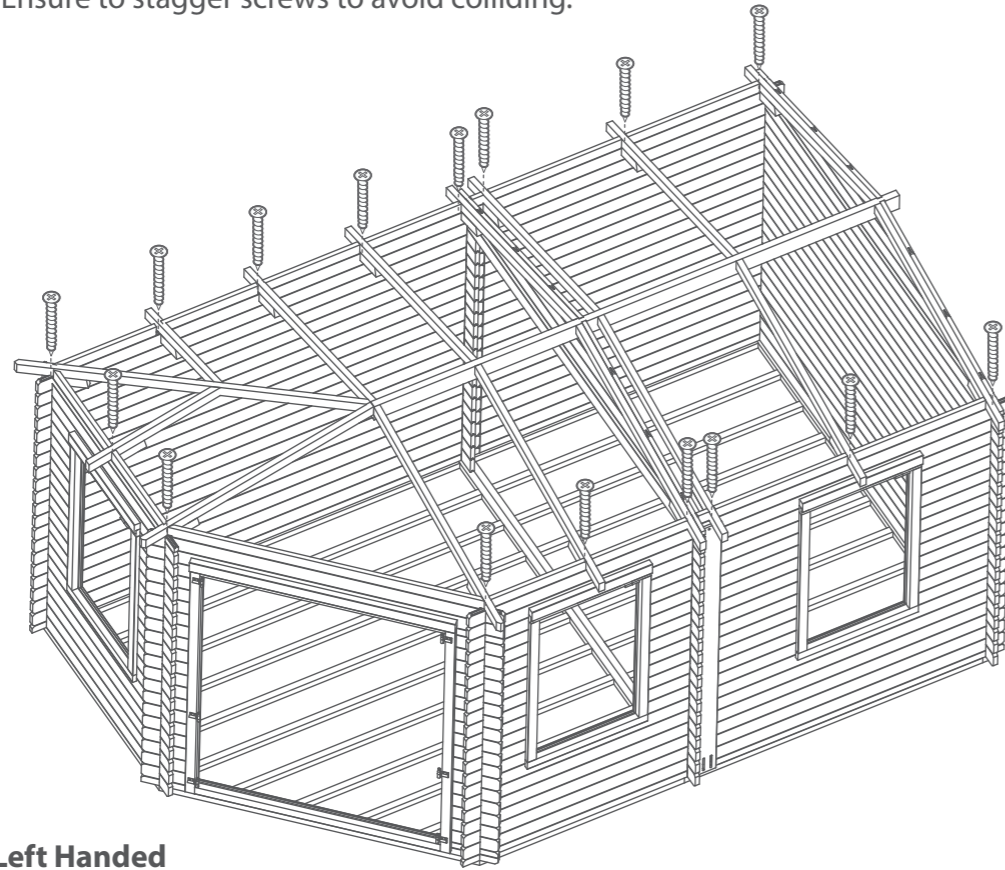
Once in position fix the truss' to the building using 1x120mm screw per truss as shown in the illustration. Ensure to stagger screws to avoid colliding.

16x120mm Screws

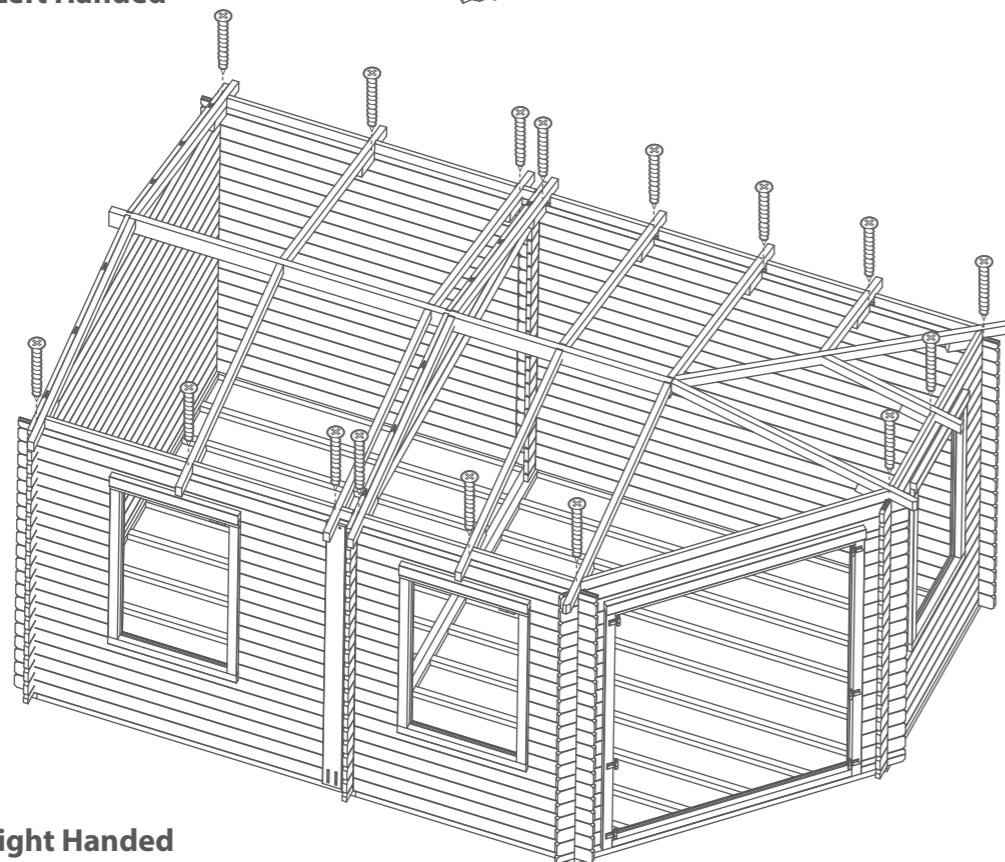


Pre drill hole

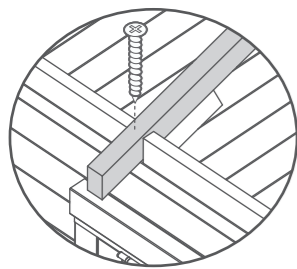
120mm screw



Left Handed



Right Handed



Step 34

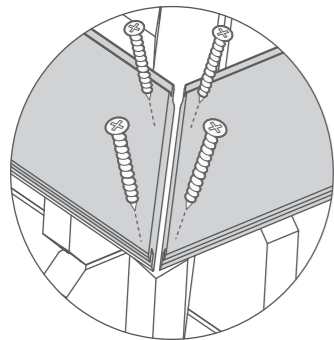
- Parts needed - No. 71 QTY 1 Pack A**
No. 72 QTY 2 Pack B
No. 73 QTY 2 Pack C
No. 88 QTY 2 Pack D

***HINT: keep the roof board packs separate to prevent mixing them up.**

Place the first board from each 'Roof Board Pack' (A, B, C & D) onto the roof assembly, working around the structure, building each layer of roof boards one by one.

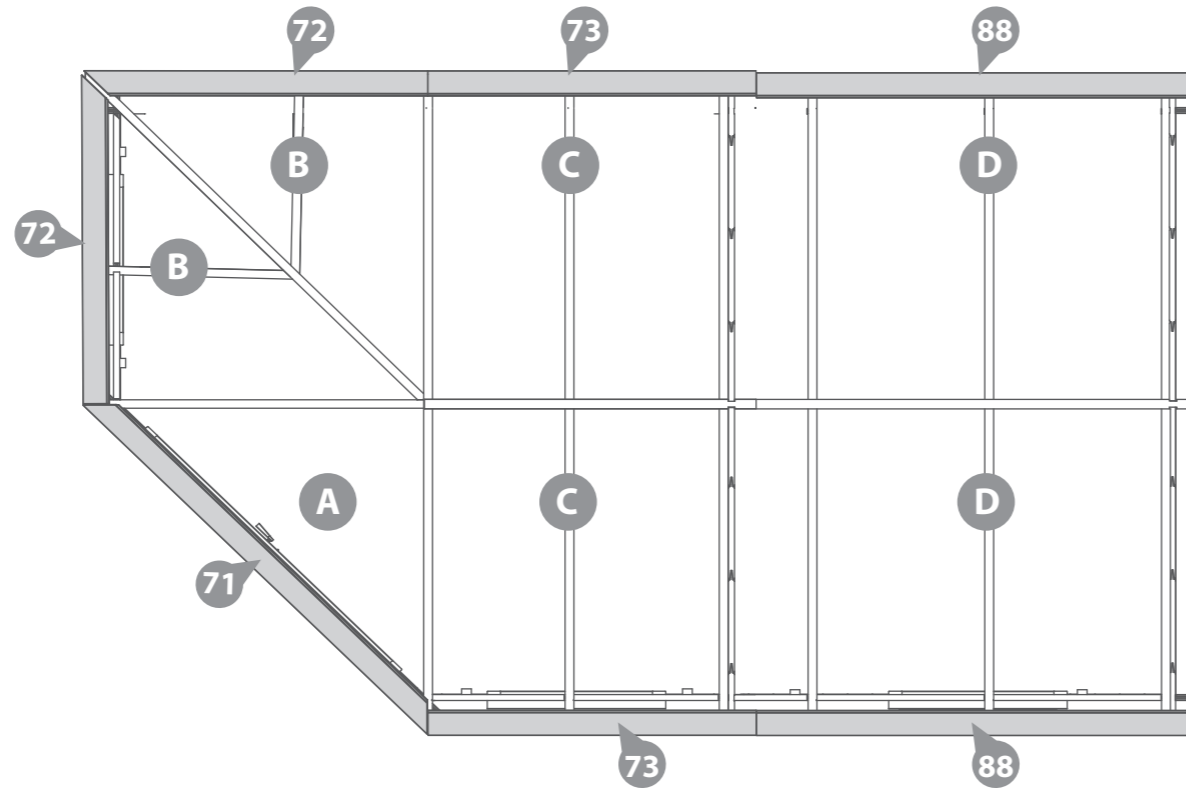
Once you are happy with the fit of the roof boards, fix the boards into place using 40mm screws, ensuring to fix through the roof board into the truss below.

40x40mm screws

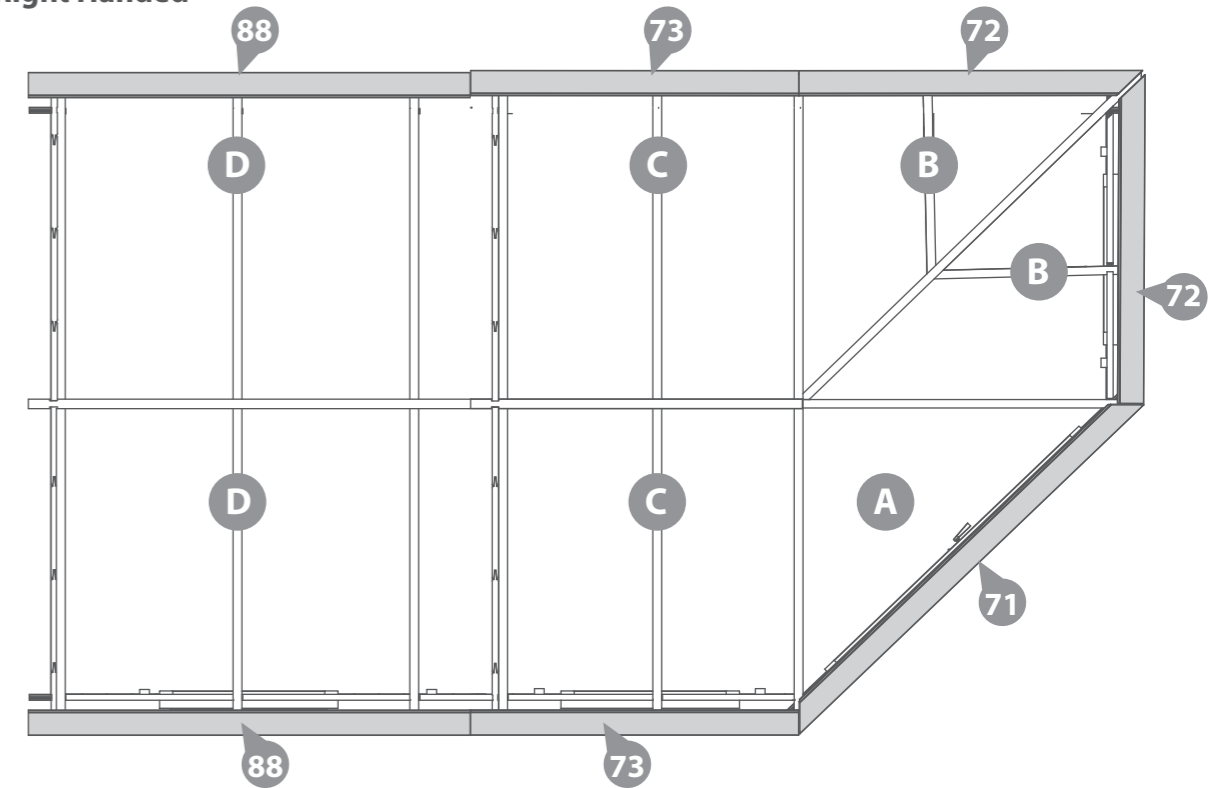


IMPORTANT: Pre-drill before fixing screws.

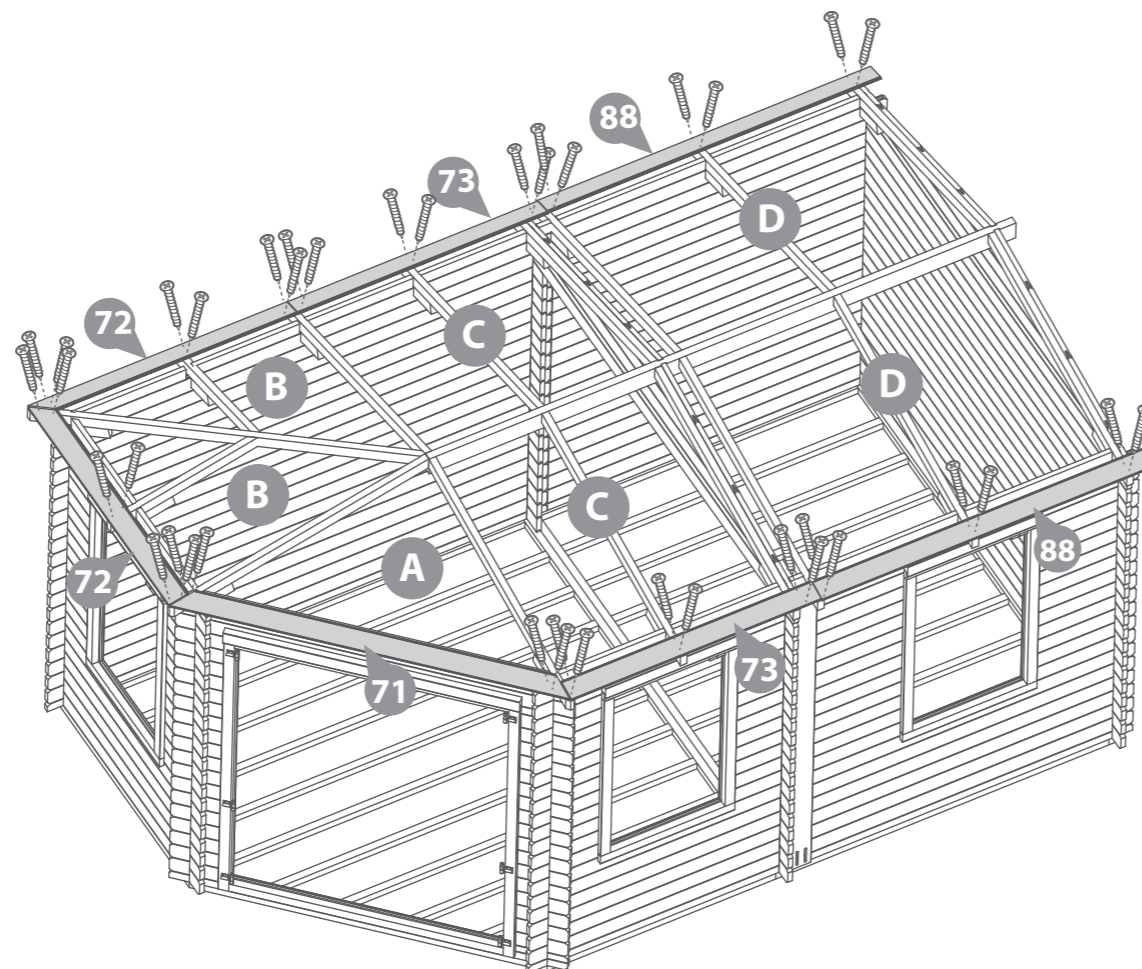
Left Handed



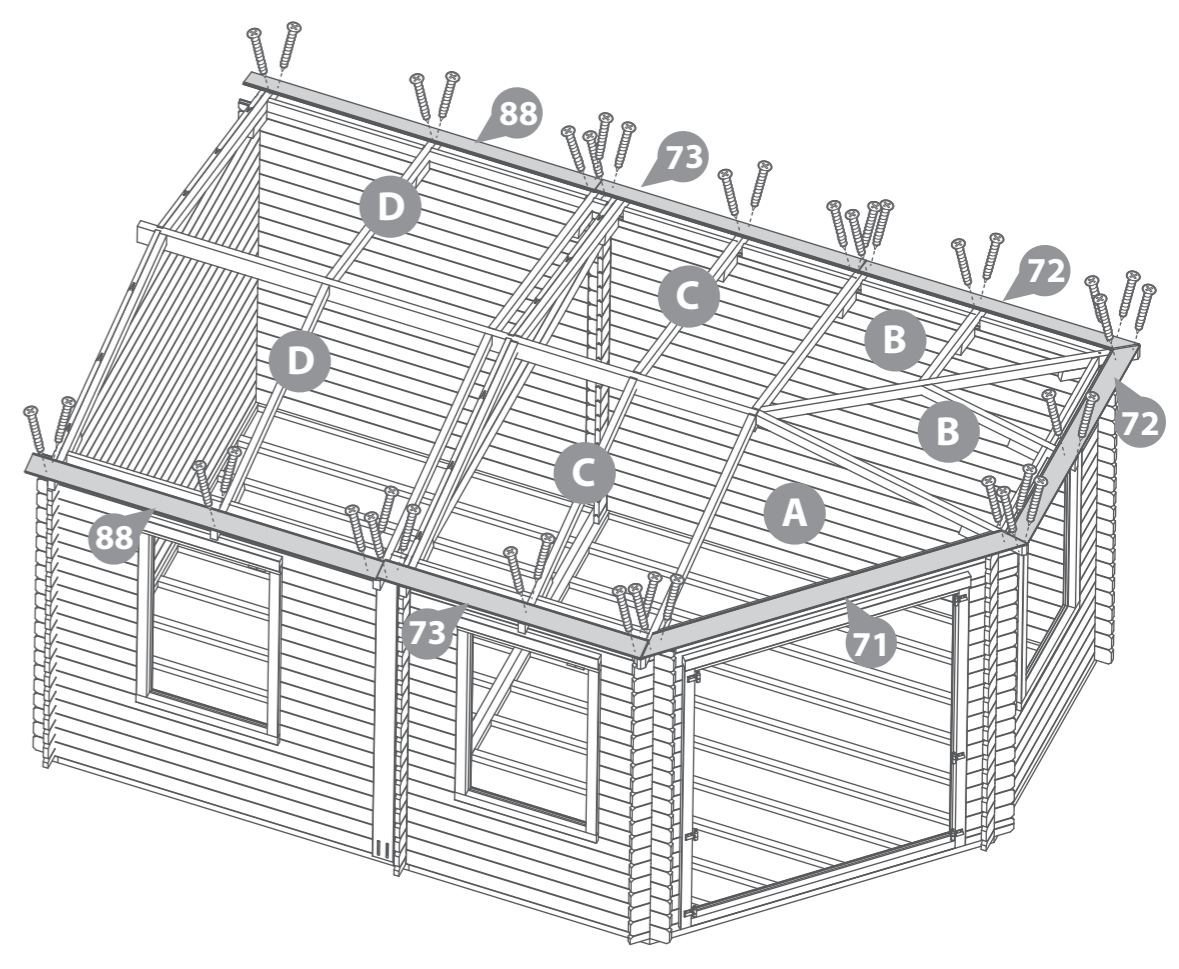
Right Handed



Left Handed



Right Handed



Step 35

Parts needed - No. 71
 No. 72
 No. 73
 No. 88

IMPORTANT: Pre-drill before fixing screws.

***HINT: keep the roof board packs separate to prevent mixing them up.**

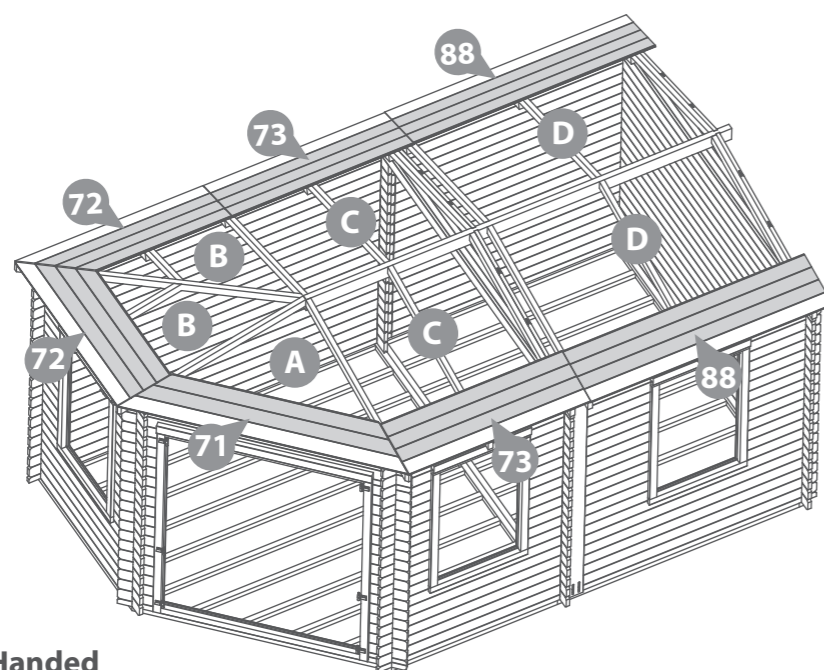
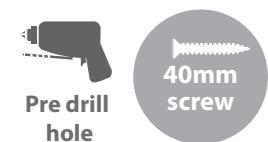
Continue arranging the Roof Board Packs (A, B, C & D) onto the roof assembly, working around the structure, building each layer of roof boards one by one.

Ensure the roof boards are not laid too close together, use the spacers (No.69) provided to create a 2mm gap. Adjusting the spacing between the boards allows the wood to swell in damp weather.

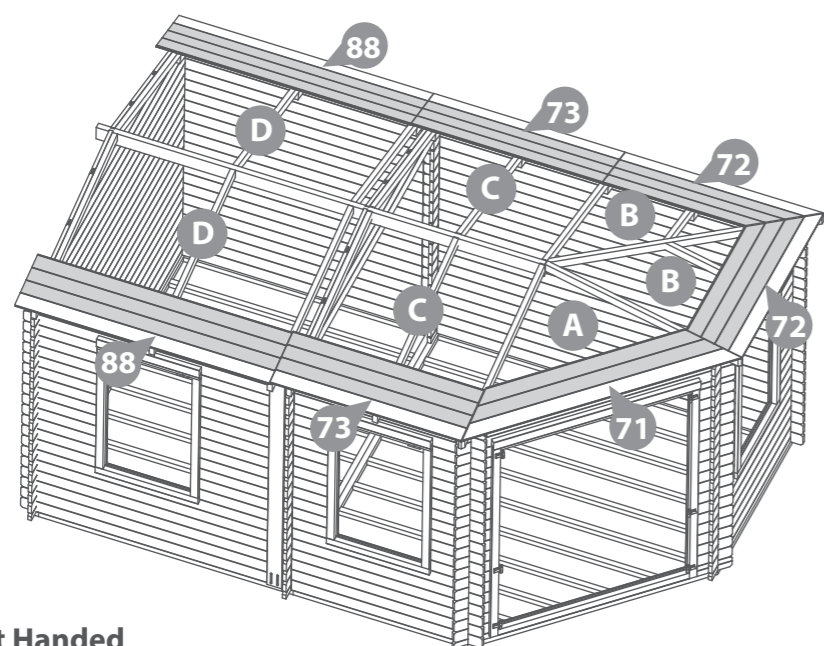
Once you are happy with the fit of the roof boards, fix the 2nd, 3rd & 4th boards into place using 40mm screws ensuring the screws fix through the roof board into the truss below.

Repeat this so you have 4 boards screwed down in total on each of the 7 sides.

120x40mm Screws



Left Handed



Right Handed

Step 36

Parts needed - No. 71
 No. 72
 No. 72
 No. 88

IMPORTANT: Pre-drill before fixing screws.

***HINT: keep the roof board packs separate to prevent mixing them up.**

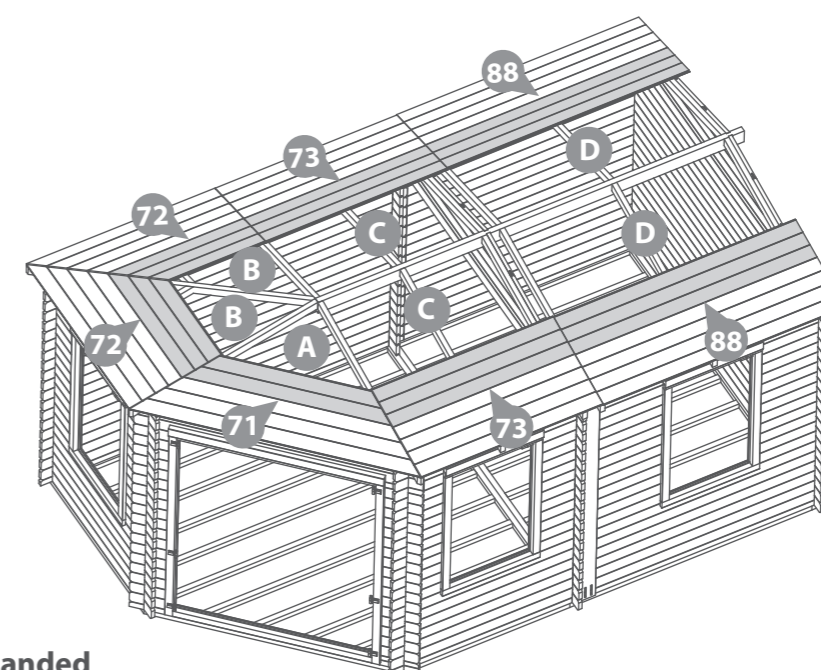
Continue arranging the roof board packs (A, B, C & D) onto the roof assembly, working around the structure, building each layer of roof boards one by one.

Ensure the roof boards are not laid too close together, use the spacers (No.69) provided to create a 2mm gap. Adjusting the spacing between the boards allows the wood to swell in damp weather.

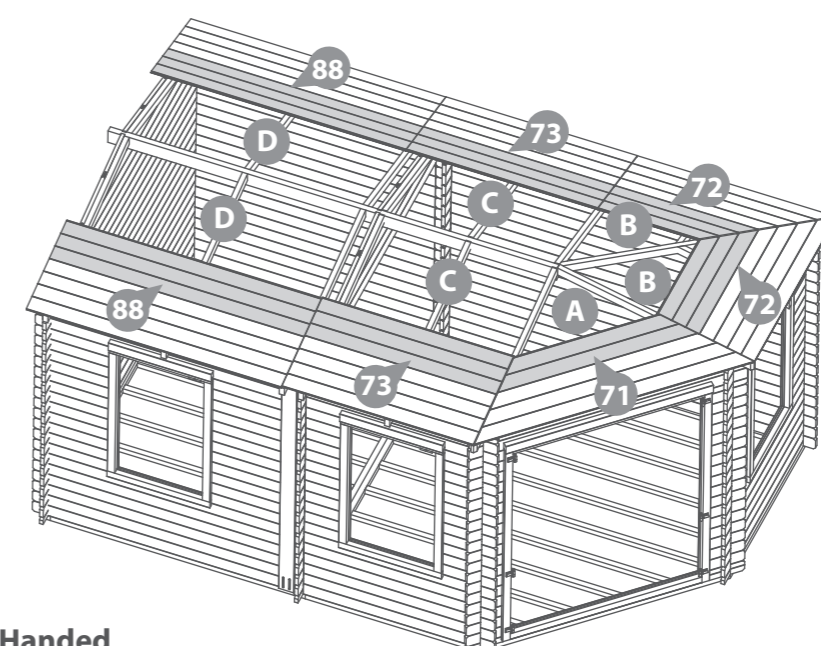
Once you are happy with the fit of the roof boards, fix the 5th, 6th & 7th boards into place using 40mm screws ensuring the screws fix through the roof board into the truss below.

Repeat this so you have 7 boards high screwed down in total on each of the 7 sides.

120x40mm Screws



Left Handed



Right Handed

Step 37

- Parts needed - No. 71**
No. 72
No. 73
No. 88

IMPORTANT: Pre-drill before fixing screws.

***HINT: keep the roof board packs separate to prevent mixing them up.**

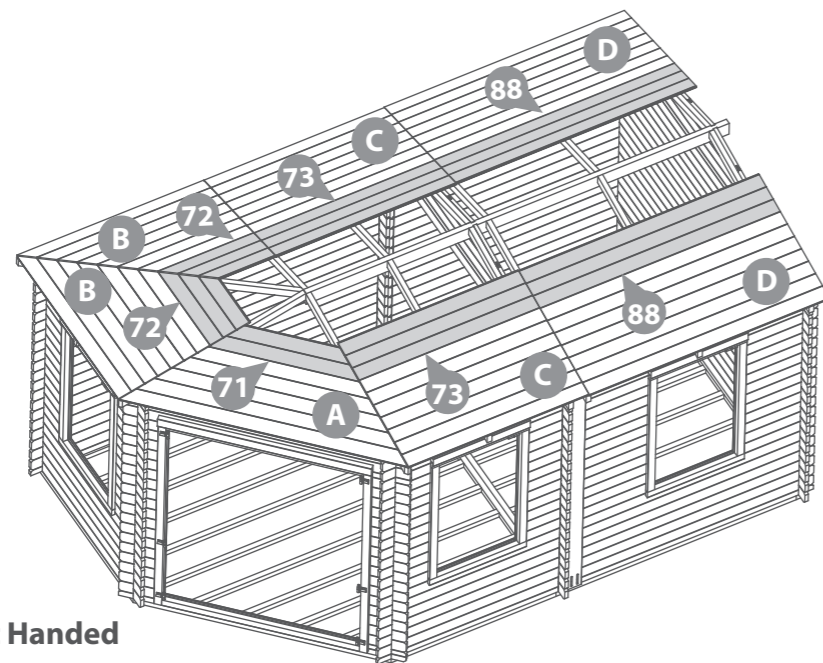
Continue arranging the roof board packs (**A, B C & D**) onto the roof assembly, working around the structure, building each layer of roof boards one by one.

Ensure the roof boards are not laid too close together, use the spacers (**No.69**) provided to create a 2mm gap. Adjusting the spacing between the boards allows the wood to swell in damp weather.

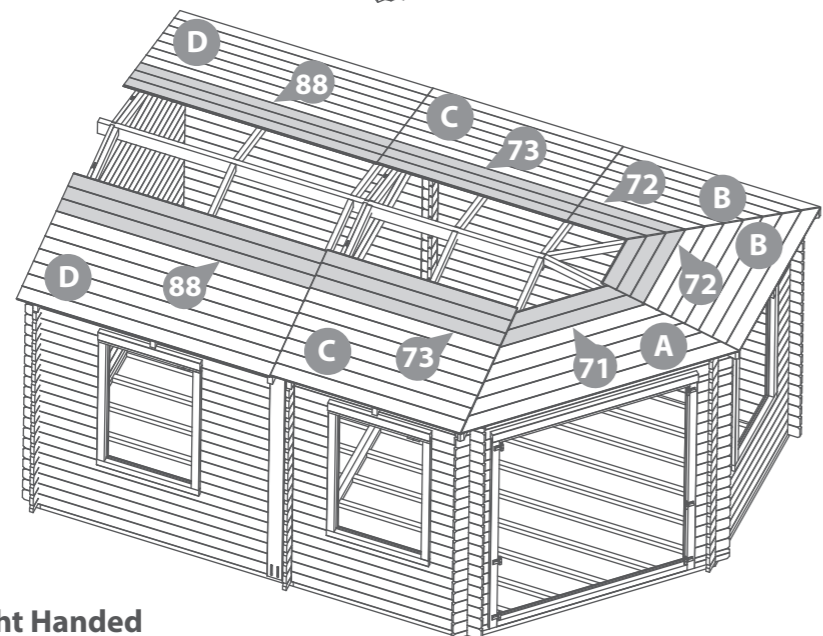
Once you are happy with the fit of the roof boards, fix the 8th, 9th & 10th boards into place using 40mm screws ensuring the screws fix through the roof board into the truss below.

Repeat this so you have 10 boards high screwed down in total on each of the 7 sides.

120x40mm Screws



Left Handed



Right Handed

Step 38

- Parts needed - No. 71**
No. 72
No. 73
No. 88

IMPORTANT: Pre-drill before fixing screws.

***HINT: keep the roof board packs separate to prevent mixing them up.**

Continue arranging the roof board packs (**A, B C & D**) onto the roof assembly, working around the structure, building each layer of roof boards one by one.

Ensure the roof boards are not laid too close together, use the spacers (**No.69**) provided to create a 2mm gap. Adjusting the spacing between the boards allows the wood to swell in damp weather.

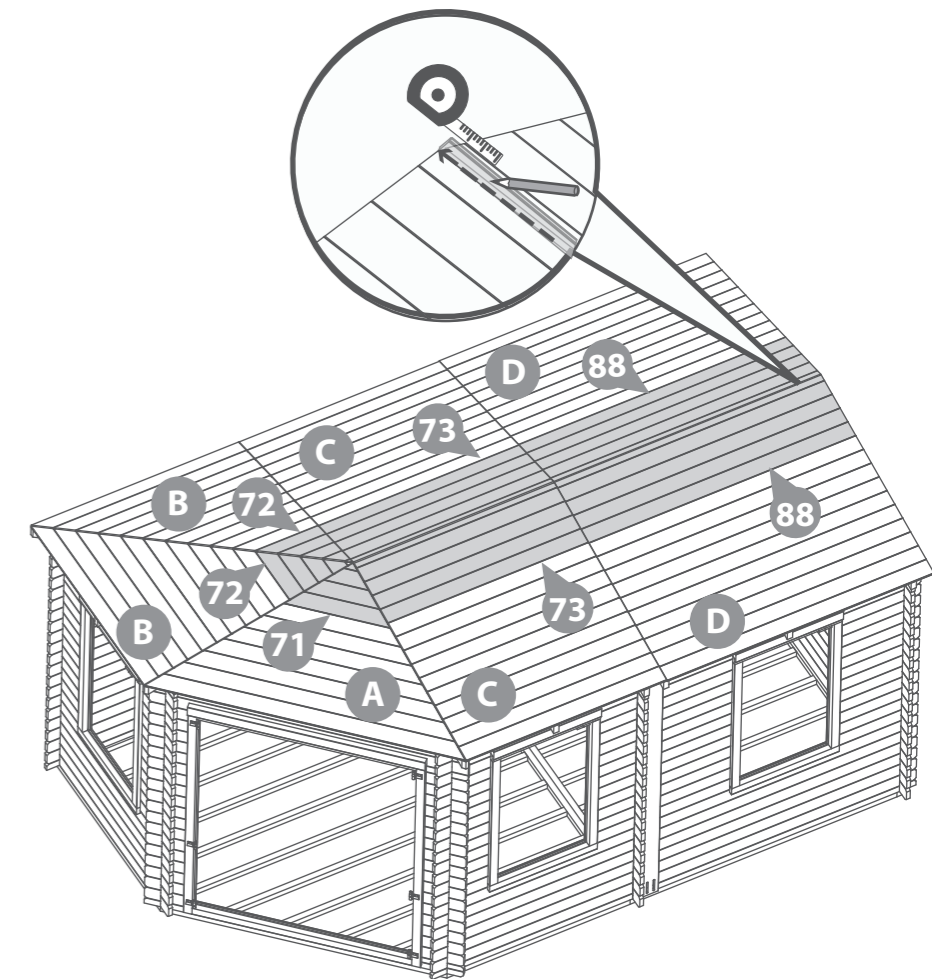
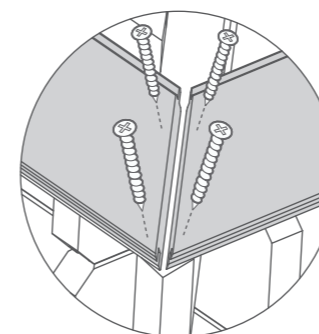
The last two boards from Pack C and Pack D will overhang. Using a pencil and a straight edge, mark out the line as a guide.

Cut along the pencil mark and remove the excess. Place the cut down boards back onto the roof.

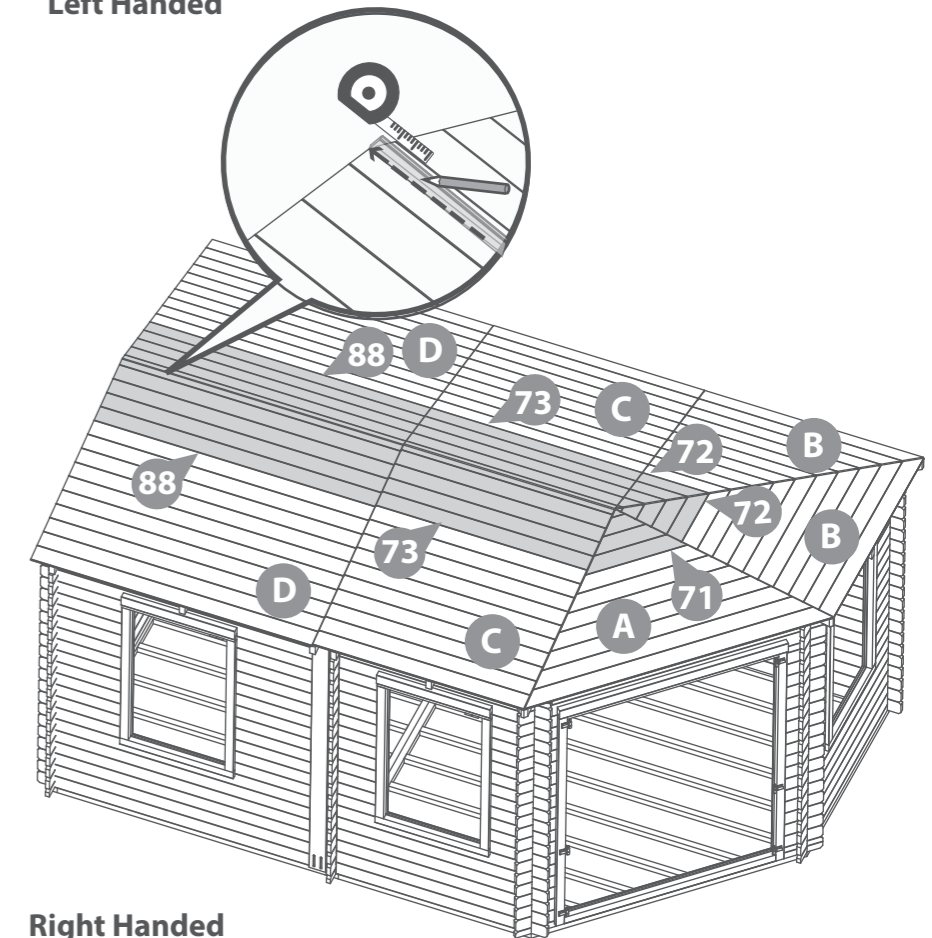
Once you are happy with the fit of the roof boards, fix the remaining boards into place using 40mm screws, ensuring the screws fix through the roof board into the truss below.

Repeat this so you have the rest of the boards screwed down on all of the 7 sides.

200x40mm screws



Left Handed

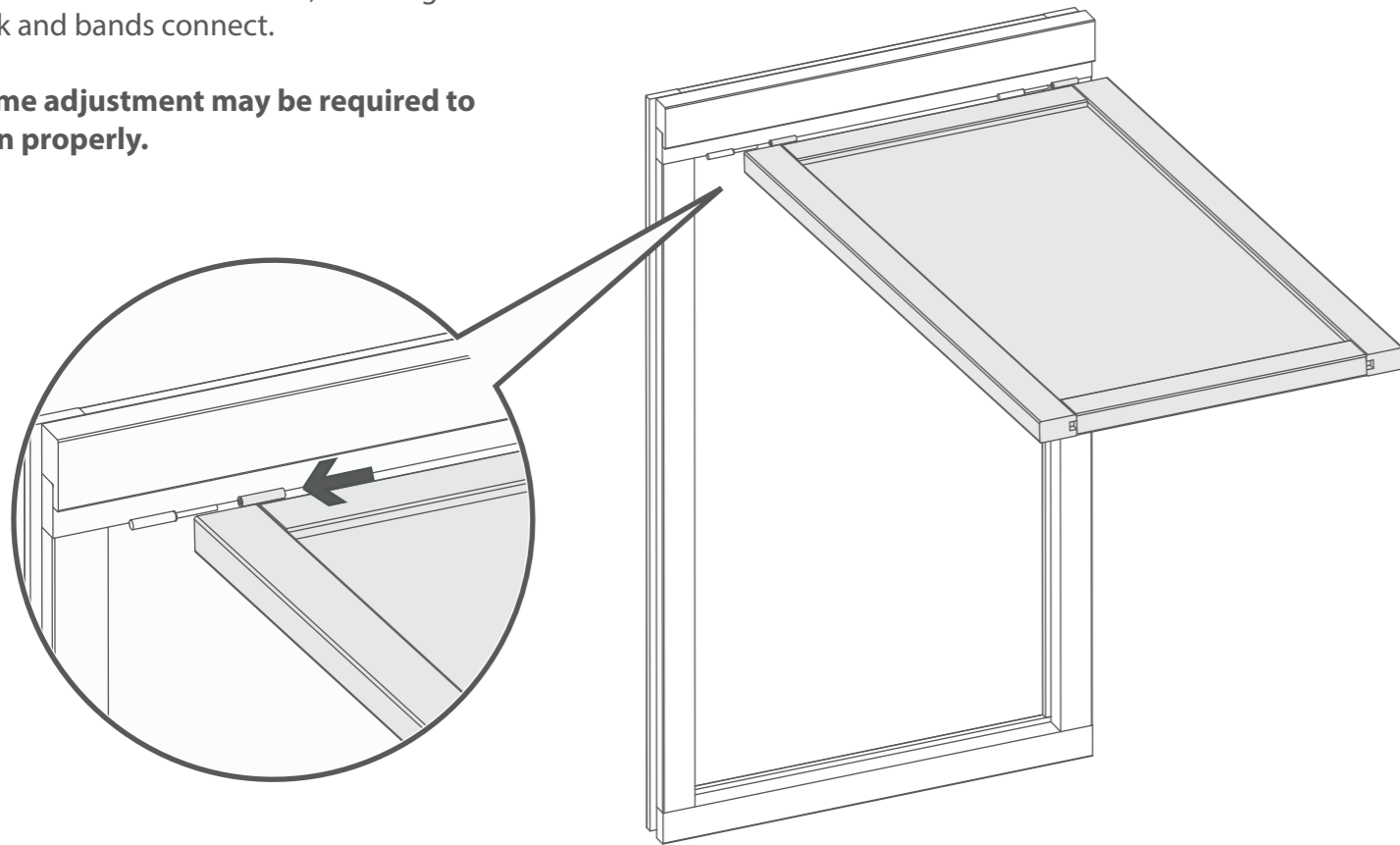


Right Handed

Step 39

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

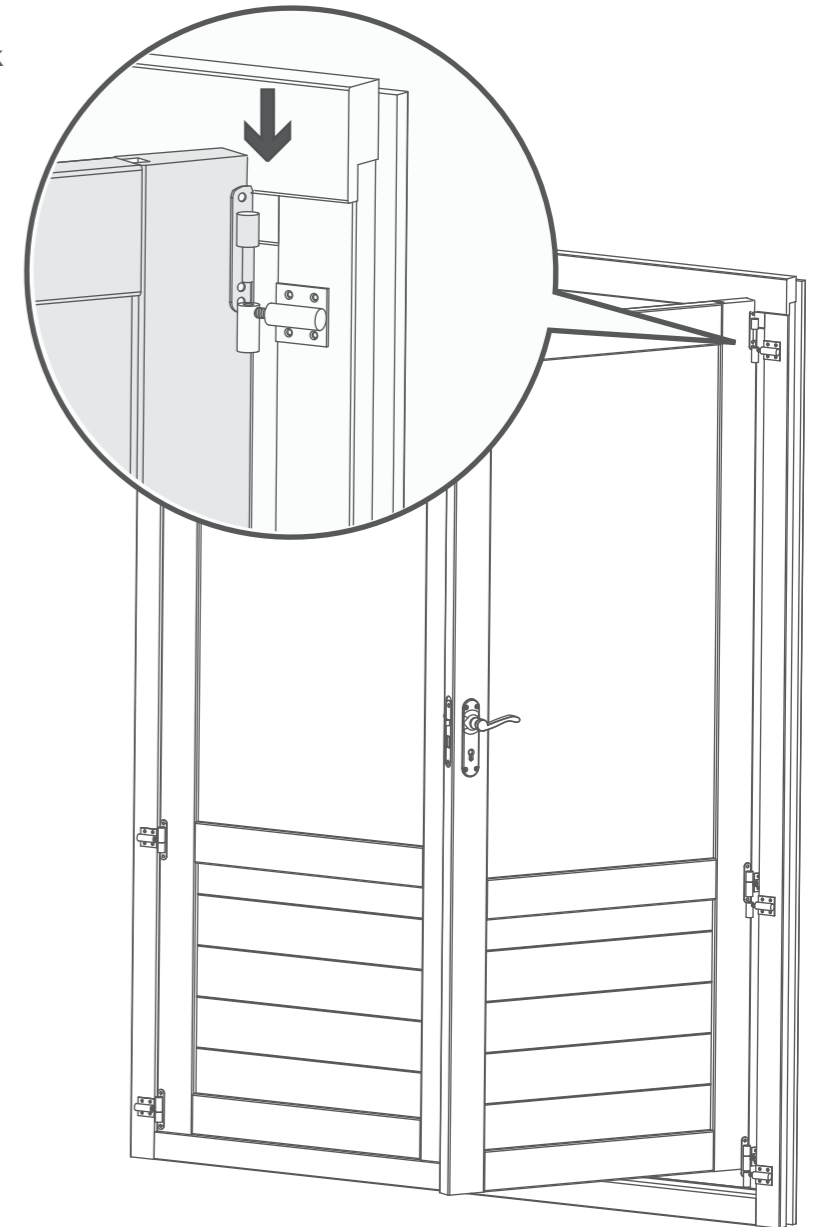
***Some adjustment may be required to align properly.**



Step 41

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 40

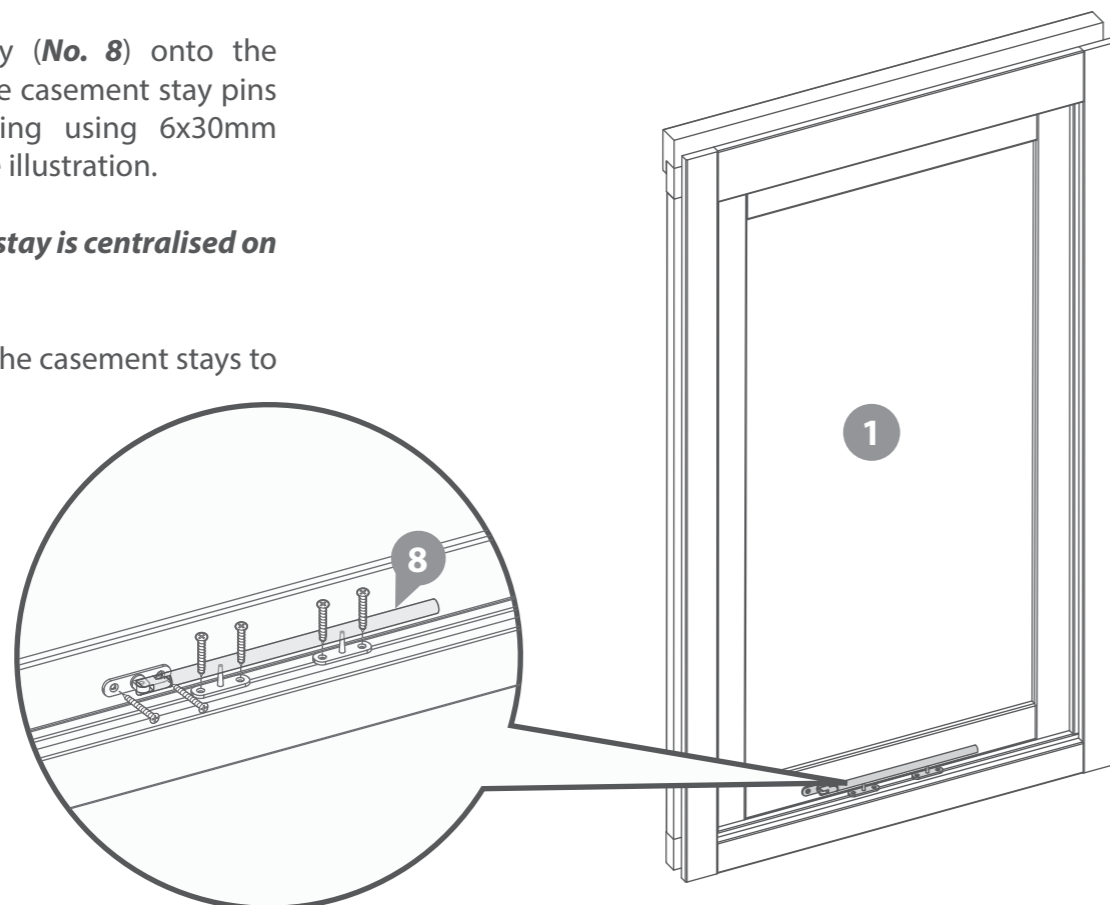
Parts Needed - No. 8 QTY 2

Fix the casement stay (**No. 8**) onto the window (**No. 1**) and the casement stay pins to the window framing using 6x30mm screws, as shown in the illustration.

***Ensure the casement stay is centralised on the window.**

Use this method to fit the casement stays to 3 windows.

18x30mm Screws



IMPORTANT: Pre-drill before fixing screws.

Step 42

**Parts Needed - No. 18 QTY 1
No. 19 QTY 1
No. 20 QTY 1**

a Fit the Mortice lock (**No. 19**) into the recess in the master door (**No. 9**) and secure using the screws provided. Attach the Key plate (**No. 20**) to the secondary door (**No. 10**) with 4x30mm screws.

b Fit the door handles (**No. 18**) 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 11 if not proceed to step 43

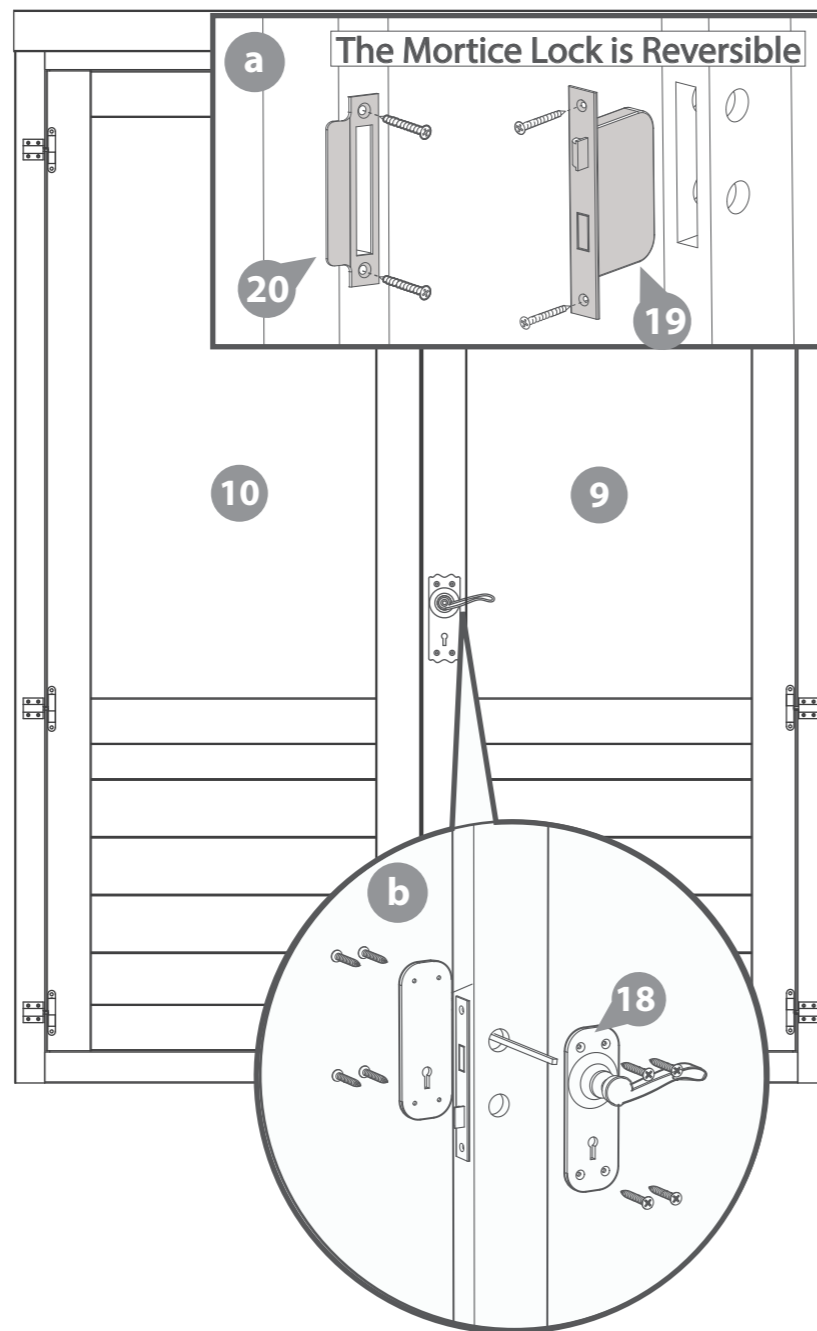
12x30mm Screws



Pre drill hole



30mm screw



Step 43

**Parts Needed - No. 15 QTY 1
No. 21 QTY 2**

a Attach the door strip (**No. 15**) to the back of secondary door using 4x40mm screws as shown in the illustration.

b Once fixed, place the Tower Bolts (**No. 21**) roughly into position at the top/bottom of the strip. With a pencil mark around the bolt.

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

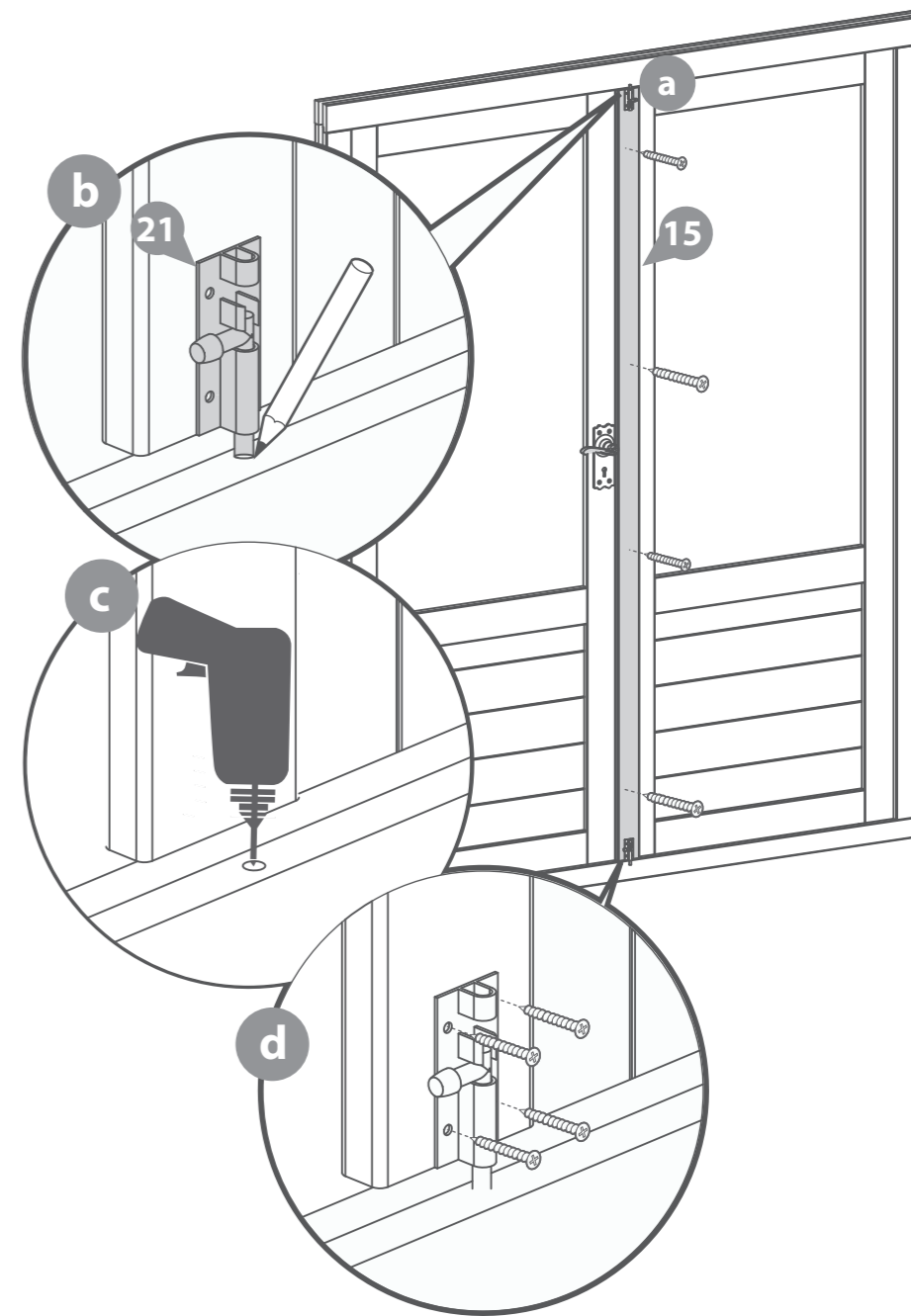
d Following the hole being drilled, place the tower bolts into position and secure using the screws provided.



Pre drill hole



40mm screw



Step 44

**Parts needed - No. 70 QTY 1
No. 87 QTY 19**

a Place the floor boards (**No. 70 & 87**) inside the building flush to the log boards on one side, as shown in the illustration.

Continue adding the floor boards (*internally*) making sure to interlock each individual board.

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

b 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. 70 & 87**) and cut along the length removing the excess.

The floor boards either side of the central 'mini wall' will also need to be notched to fit. Measure around the protruding log boards as shown in the illustration and mark onto the floor boards.

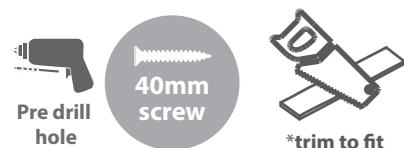
Once marked, cut into the floor boards to create the desired notch and place the boards back into position.

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

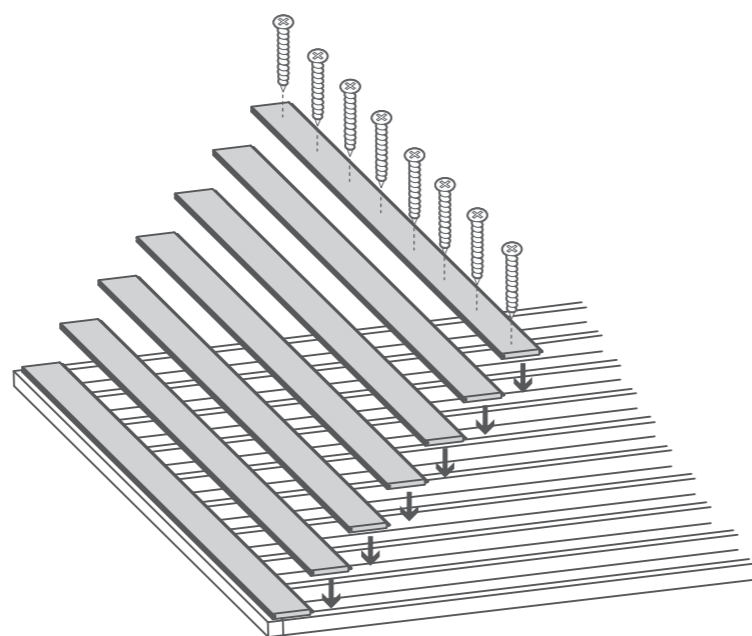
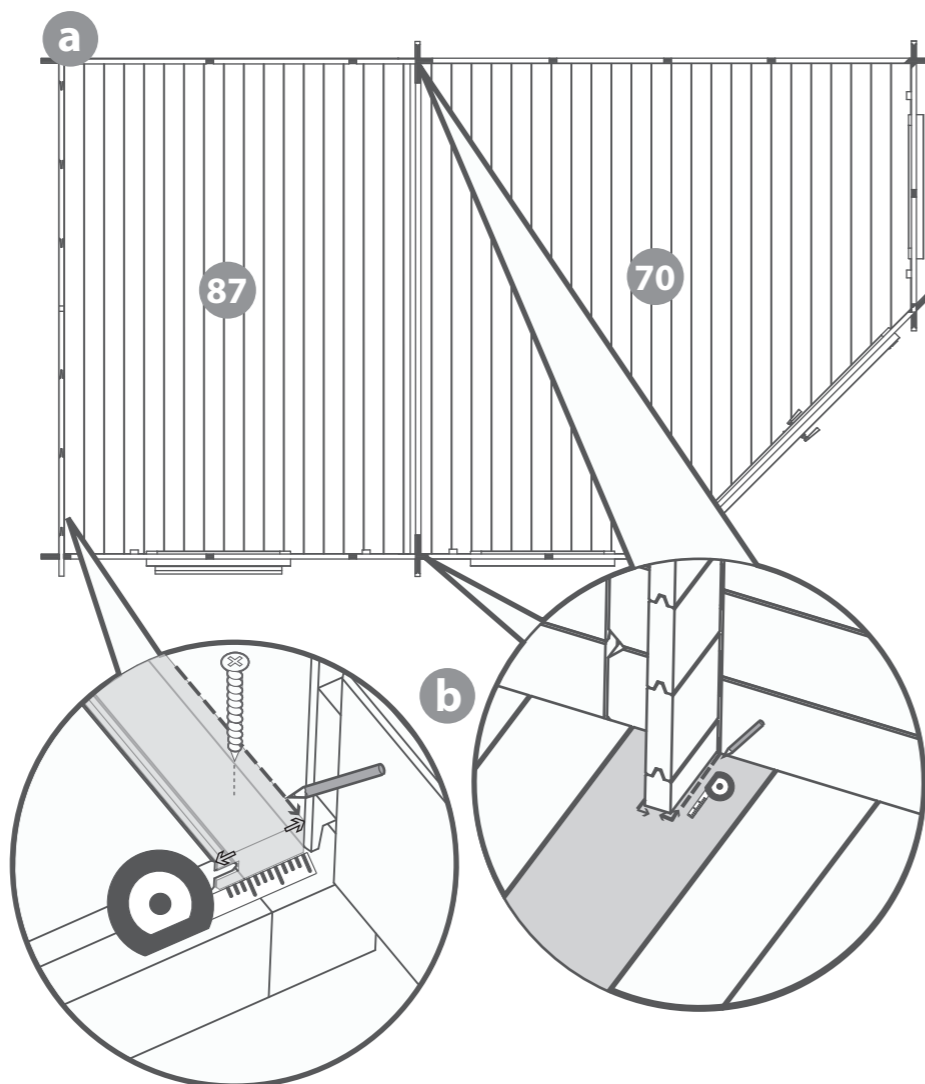
Once all the floor boards are in position secure each board into position using 9x40mm screws per board.

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

405x40mm Screws



IMPORTANT: Pre-drill before fixing screws.



This is for illustrative purposes only and may differ from your floor.

Step 45

Parts needed - No. 67 QTY 9

Inside the building place the closure trim (**No. 67**) against the boarding and align with the roof as shown in the illustration.

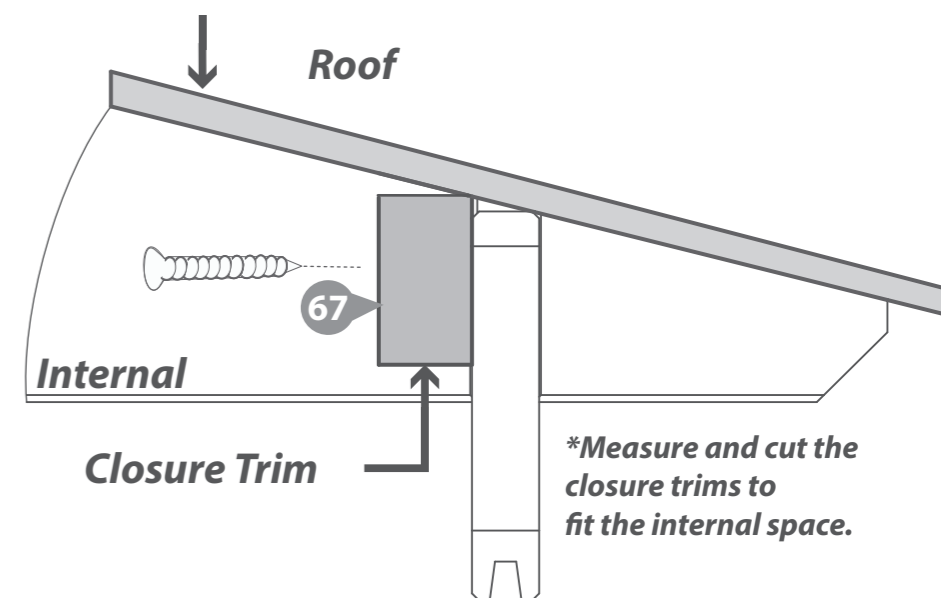
***Measure and cut the closure trims to fit the internal space.**

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.

54x30mm Screws



IMPORTANT: Pre-drill before fixing screws.



Step 46

Parts needed - No. 67 QTY 9

Once the floor has been laid arrange the closure trim (**No. 67**) around the outside edge of floor (*internally*), measure and cut down accordingly to best match the internal space.

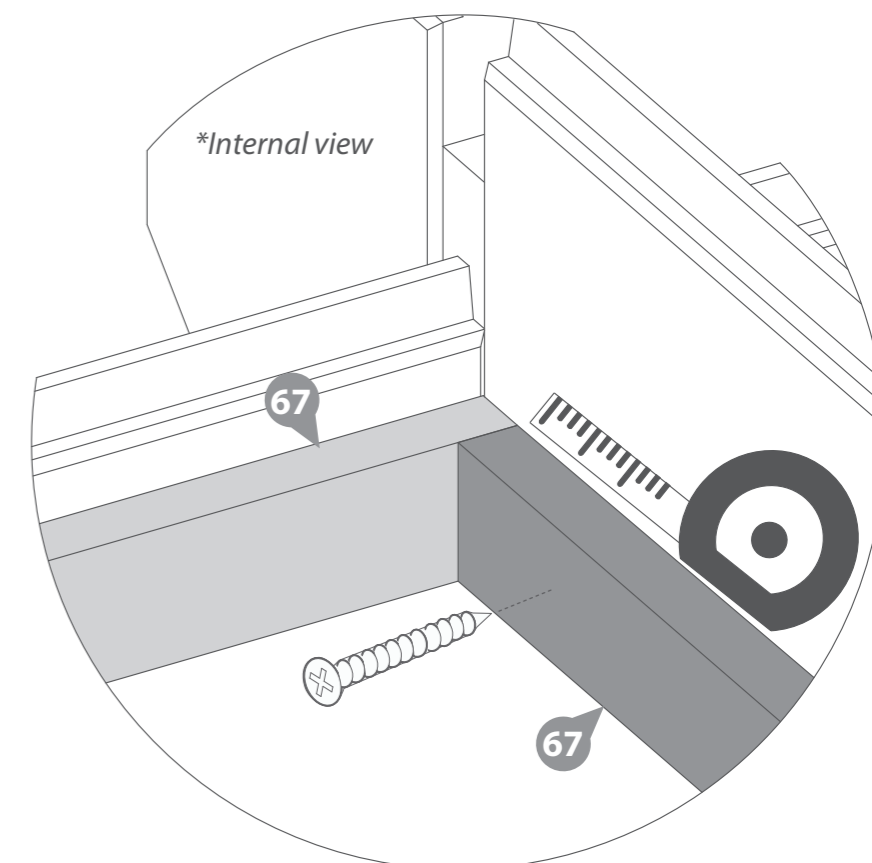
Secure each trim section into place using 6x30mm spaced equally along the board as shown in the illustration.

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

54x30mm Screws



IMPORTANT: Pre-drill before fixing screws.



Step 47

Parts needed - No. 68

Measure and cut the felt (**No.68**) using the dimensions given below as a guide.

Lay the first piece of felt (**1- 3600mmX1000mm**) onto the roof as shown (**1**) and cut down to the individual shape of the roof.

Continue this method for each piece of felt (**2-8**) in the order as shown, ensuring a 50mm overlap between each piece.

Secure along the outer edge of each felt section using felt tacks spaced out at approximately 100mm intervals.

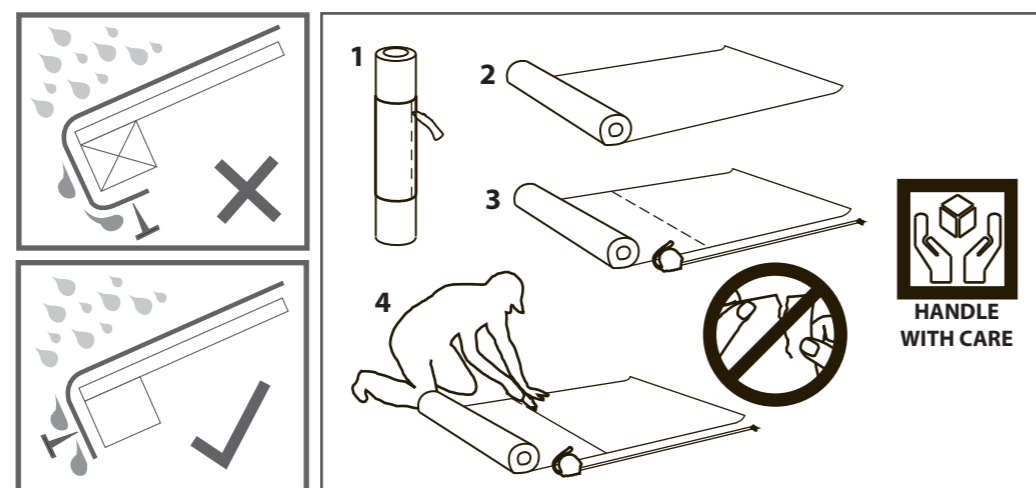
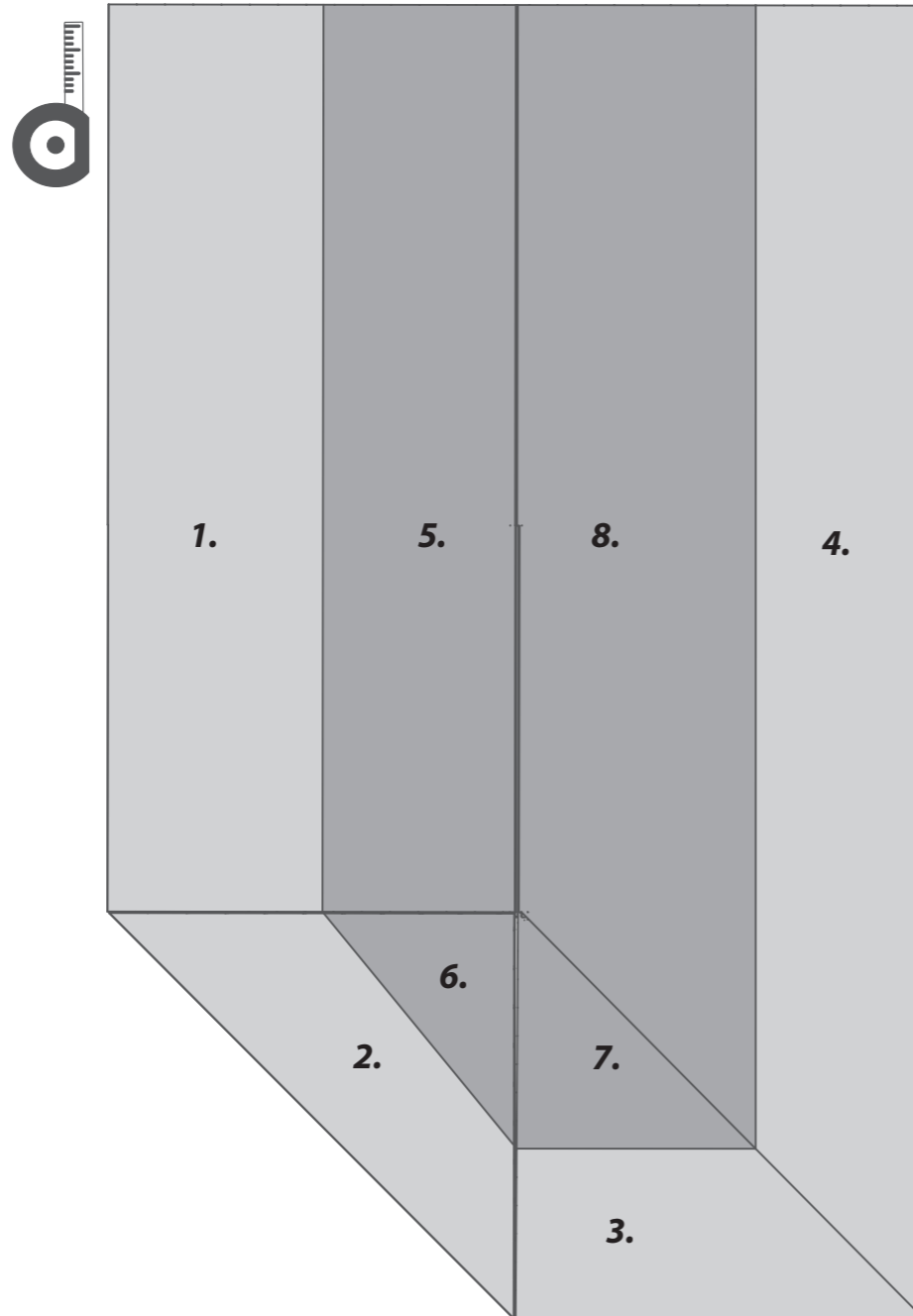
**Ensure there is 50mm of overhanging felt around the base of the roof.*

600x Felt Tacks



Felt sheet dimensions:

- 1 - 3600mm (L) x 1000mm (W)
- 2 - 2300mm (L) x 1000mm (W)
- 3 - 1655mm (L) x 1000mm (W)
- 4 - 5160mm (L) x 1000mm (W)
- 5 - 3600mm (L) x 1000mm (W)
- 6 - 620mm (L) x 1000mm (W)
- 7 - 790mm (L) x 1000mm (W)
- 8 - 4300mm (L) x 1000mm (W)



Step 48

Parts needed - No. 68

Measure and cut the remaining felt (**No.68**) using the dimensions given below.

Lay the first strip (**1- 3600mmX200mm**) onto the roof as shown (**1**), ensuring it is overlapping the previously placed sheets.

Continue this method for each of the felt strips (**2-4**)

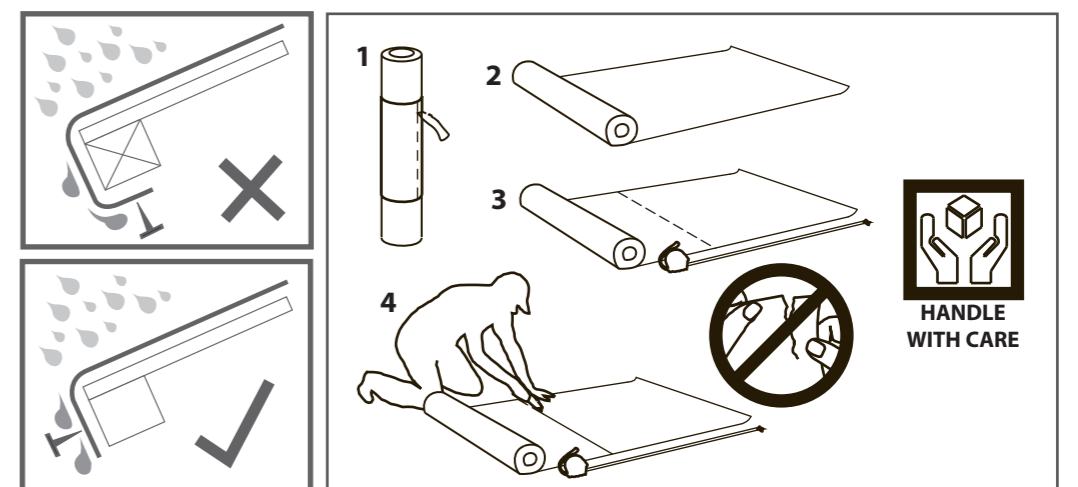
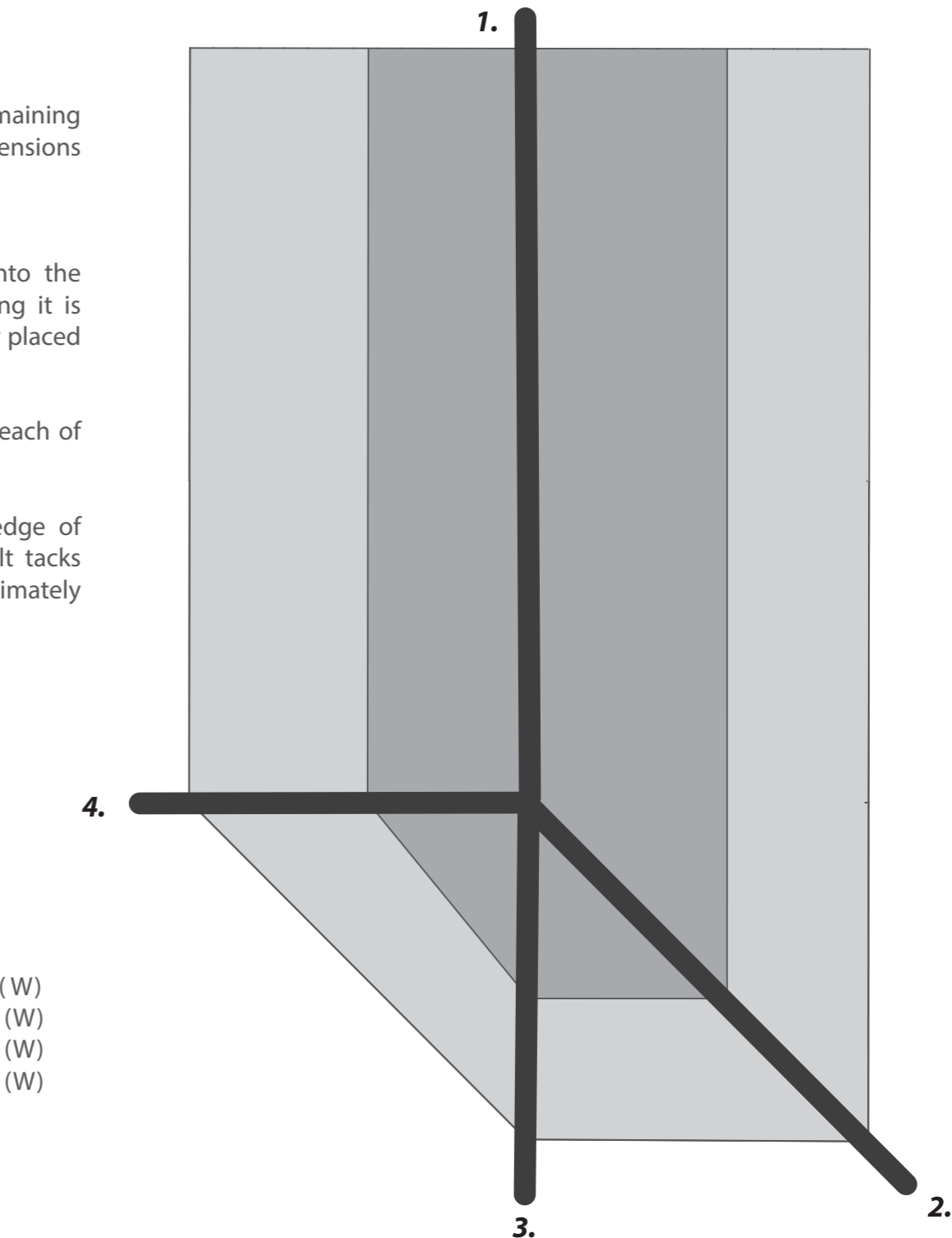
Secure along the outer edge of each felt section using felt tacks spaced out at approximately 100mm intervals.

250x Felt Tacks



Felt strip dimensions:

- 1 - 3600mm (L) x 200mm (W)
- 2 - 2340mm (L) x 200mm (W)
- 3 - 1700mm (L) x 200mm (W)
- 4 - 1720mm (L) x 200mm (W)



Step 49

- Parts needed - No. 62 QTY 1
 No. 63 QTY 1
 No. 64 QTY 1
 No. 65 QTY 1

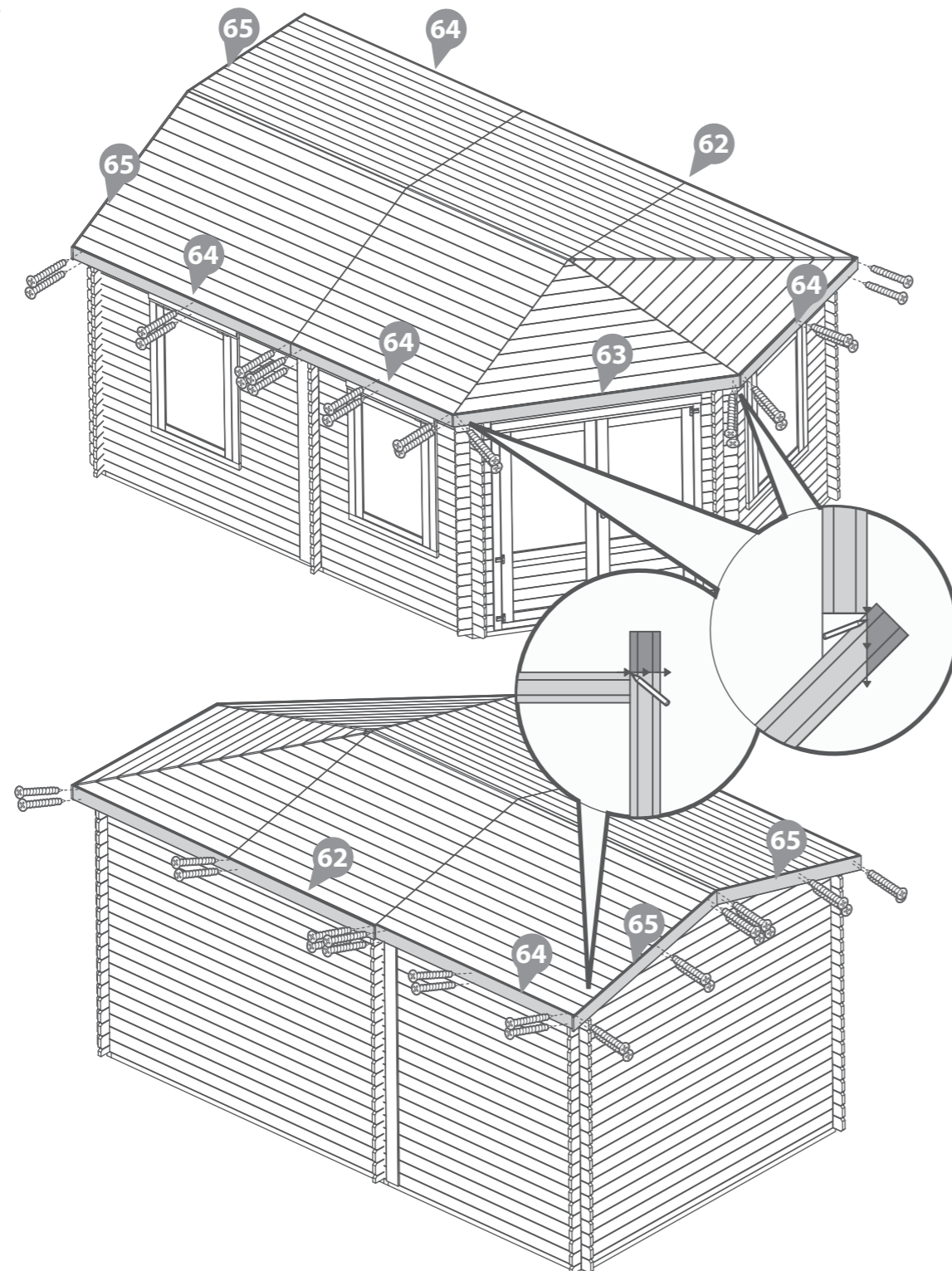
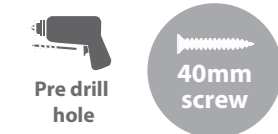
IMPORTANT: Pre-drill before fixing screws.

Attach the fascias (**No. 62, 63, 64 & 65**) around the log cabin, ensuring to trap the felt between the fascia and the log cabin.

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

Secure the fascia into position using 40mm screws, ensuring to screw through the fascia into the roof purlin and/or log boards.

46x40mm Screws



Step 50

- Parts needed - No. 66 QTY 12

Arrange the storm braces (**No. 66**) around the building (**internally**). Place 2x storm braces per side fixing into place using 2x 80mm bolts per brace making sure the washer & nut are tightened from the outside of the building.

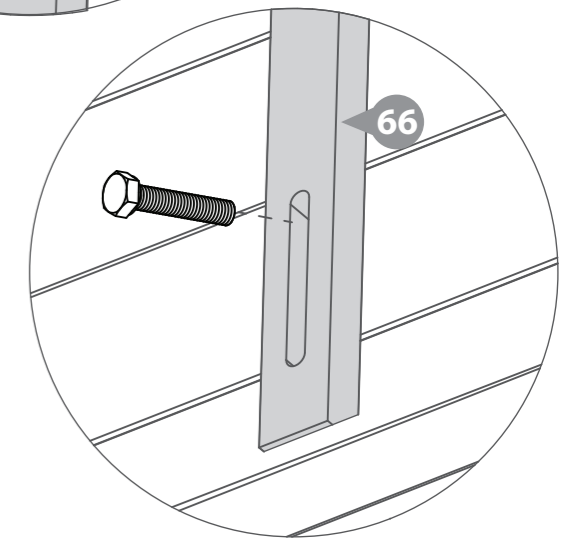
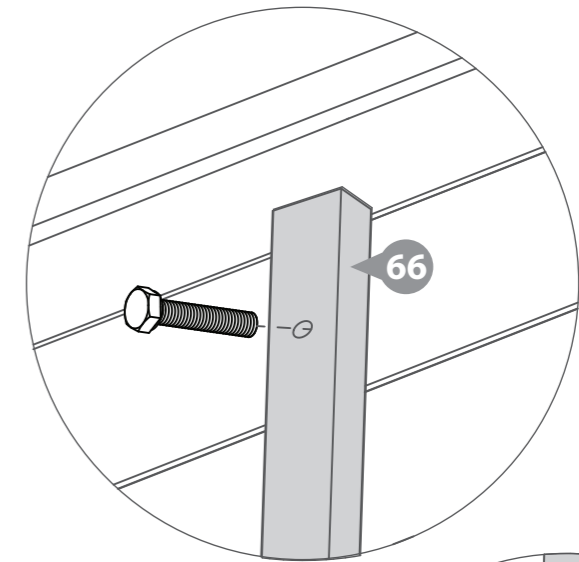
***Ensure the storm braces are secured at the highest point possible on each side.**

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.**

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

24x80mm Bolt Sets



Step 51

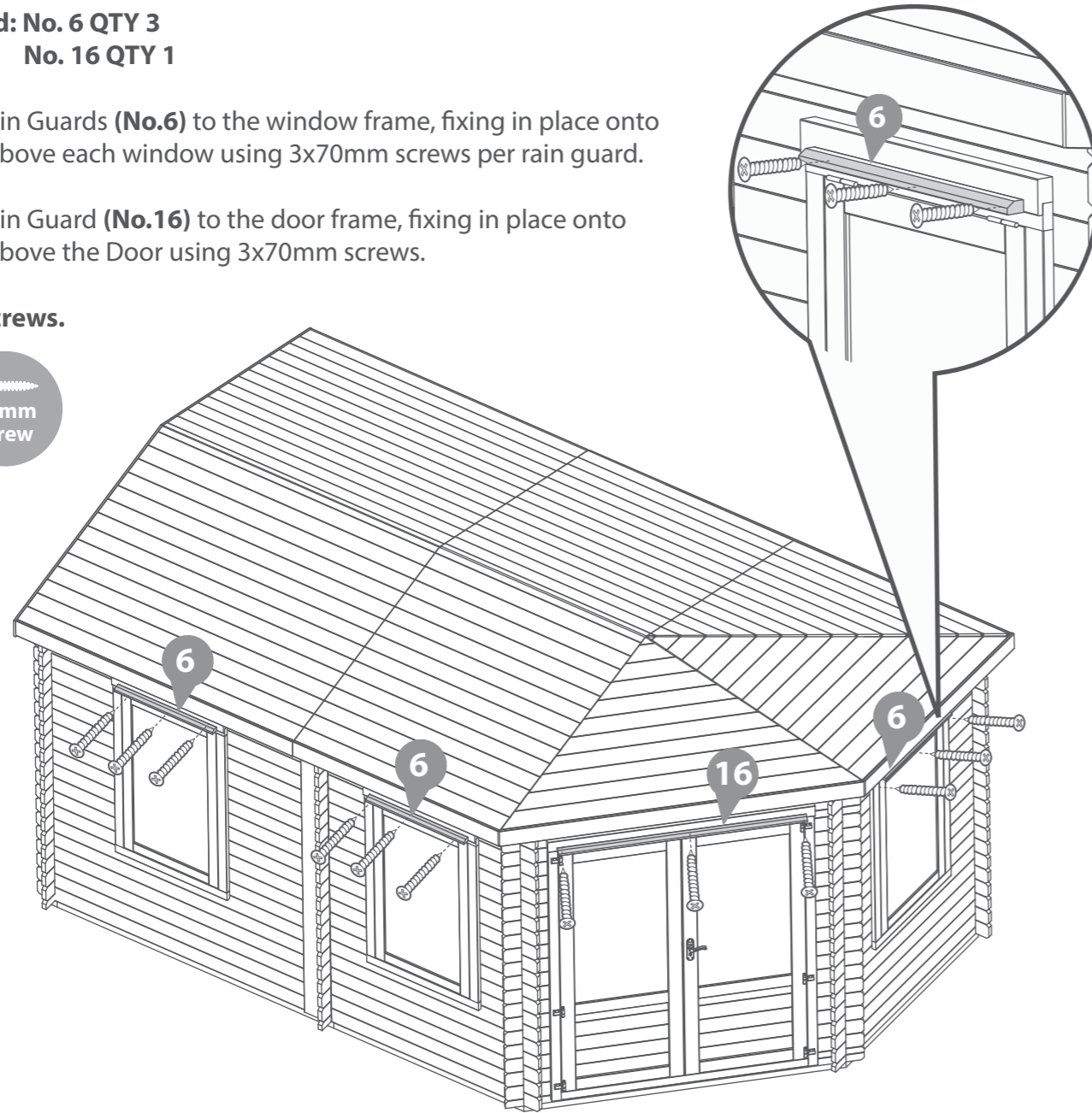
Parts Needed: No. 6 QTY 3

No. 16 QTY 1

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

Attach the Rain Guard (**No.16**) to the door frame, fixing in place onto the framing above the Door using 3x70mm screws.

12x70mm Screws.



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