General Instructions

Please retain product label and instructions for future reference

06LOG127SG-V1 & 06LOG127DG-V1

06LOG127SG-V1 28mm 3x3m corner cabin with single (glass) glazing.
06LOG127DG-V1 28mm 3x3m corner cabin with double (glass) glazing.

BEFORE YOU START PLEASE READ INSTRUCTIONS CAREFULLY

- Check the pack and make sure you have all the parts listed.
- When you are ready to start, make sure you have the right tools at hand (not supplied) including a Phillips screwdriver, Stanley knife, wood saw, step ladder and drill with 2mm bit.
- Ensure there is plenty of space and a clean dry area for assembly.

TIMBER

As with all natural materials, timber can be affected during various weather conditions. For the duration of heavy or extended periods of rain, swelling of the wood panels may occur. Warping of the wood may also occur during excessive dry spells due to an interior moisture loss. Unfortunately, these processes cannot be avoided but can be helped. It is suggested that the outdoor building is sprayed with water during extended periods of warm sunshine and sheltered as much as possible during rain or snow.

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

BUILDING A BASE

When thinking about where the building and base is going to be constructed: Ensure that there will be access to all sides for maintenance work and annual treatment.

Ensure the base is level and is built on firm ground, to prevent distortion. Refer to diagrams for the base dimensions, The base should be slightly smaller than the external measurement of the building, i.e. The cladding should overlap the base, creating a run off for water. It is also recommended that the floor be at least 25mm above the surrounding ground level to avoid flooding.

TYPES OF BASE

- Concrete 75mm laid on top of 75mm hard-core.
- Slabs laid on 50mm of sharp sand.

Whilst all products manufactured are made to the highest standards of Safety and in the case of childrens products independently tested to EN71 level, we cannot accept responsibility for your safety whilst erecting or using this product.

Refer to the instructions pages for you specific product code



All building's should be erected by two adults



Winter = High Moisture = Expansion
Summer = Low Moisture = Contraction



2mm Drill bit

For ease of assembly, you **MUST** pilot drill all screw holes and ensure all screw heads are countersunk.



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



For ease of assembly 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 circular saw when cutting roof and floor boards.

For assistance please contact customer care on: 01636 880514

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

www.merciagardenproducts.co.uk

06LOG127SG-V1 & 06LOG127DG-V1

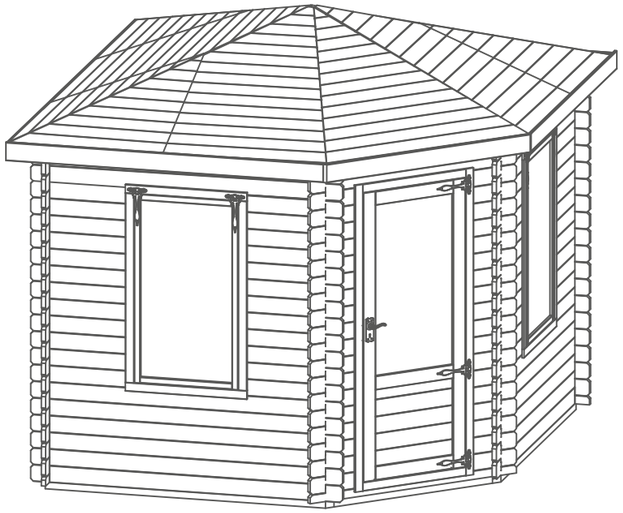
Please retain product label and instructions for future reference

Overall Dimensions:
Width = 4482mm
Depth = 3723mm
Height = 2923mm

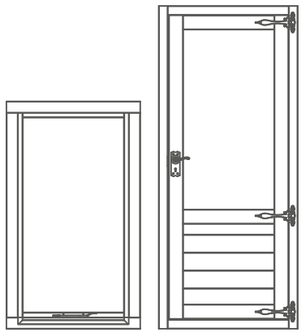
Base Dimensions:
Width = 3255mm
Depth = 3899mm

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

MADE IN GREAT BRITAIN



1 2



Window QTY 2

Door

3



Starter Board (S1) - 28x66x1515mm
LB28RT66-1515mm

4



Log Board (B) - 28x120x347mm *Left* QTY 18
LB28-347mm (Left)

5



Log Board (B) - 28x120x347mm *Right* QTY 18
LB28-347mm (Right)

6



Log Board (A) - 28x120x1515mm QTY 2
LB28-1515mm

7



Log Board (A) - 28x120x2054mm *Left* QTY 8
LB28-2054mm

8



Log Board (B) - 28x120x652mm QTY 12
LB28-652mm

9



Log Board (B) - 28x120x652mm *Left* QTY 12
LB28-652mm Left

10



Log Board (AR) - 28x66x2054mm *Left*
LB28RT66-2054mm Left

11



Log Board (A) - 28x120x2054mm *Right QTY 8*
LB28-2054mm Right

12



Log Board (B) - 28x120x652mm QTY 12
LB28-652mm

13



Log Board (B) - 28x120x652mm *Right* QTY 12
LB28-652mm Right

14



Log Board (AR) - 28x66x2054mm *Right*
LB28RT66-2054mm Right

15



Log Board (S1) - 28x66x2662mm *Left*
LB28RT66-2662mm Left

16



Log Board (A) - 28x120x2662mm *Left QTY 20*
LB28-2662mm Left

17



Log Board (S1) - 28x66x2662mm *Right*
LB28RT66-2662mm Right

18



Log Board (A) - 28x120x2662mm *Right QTY 20*
LB28-2662mm Right

19



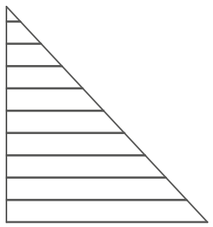
Log Board (A) - 28x120x652mm QTY 20
LB28-652mm

20



Log Board (AR) - 28x54x652mm
LB28RG54-652mm

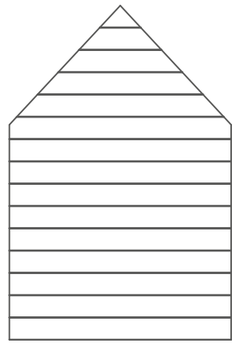
21



Roof Board Pack 1
AI-01LOG127SG/DG-V1RBP1

MB16P-1010mm (Angled) QTY 6
MB16P-906mm (Angled) QTY 6
MB16P-801mm (Angled) QTY 6
MB16P-697mm (Angled) QTY 6
MB16P-592mm (Angled) QTY 6
MB16P-488mm (Angled) QTY 6
MB16P-383mm (Angled) QTY 6
MB16P-279mm (Angled) QTY 6
MB16P-174mm (Angled) QTY 6
MB16P-70mm (Angled) QTY 6

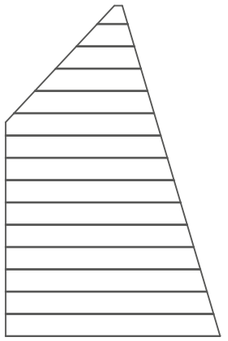
22



Roof Board Pack 2
AI-01LOG127SG/DG-V1RBP2

MB16-1114mm QTY 18
MB16P-1114mm (Angled) QTY 2
MB16P-1040mm (Angled) QTY 2
MB16P-831mm (Angled) QTY 2
MB16P-623mm (Angled) QTY 2
MB16P-414mm (Angled) QTY 2
MB16P-206mm (Angled) QTY 2

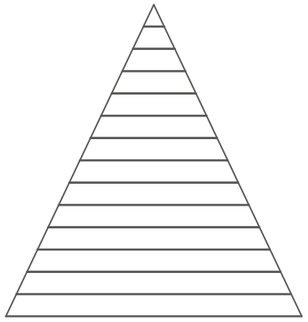
23



Roof Board Pack 3
AI-01LOG127SG/DG-V1RBP3

MB16P-1077mm (Angled) QTY 2
MB16P-1044mm (Angled) QTY 2
MB16P-1011mm (Angled) QTY 2
MB16P-978mm (Angled) QTY 2
MB16P-945mm (Angled) QTY 2
MB16P-912mm (Angled) QTY 2
MB16P-878mm (Angled) QTY 2
MB16P-845mm (Angled) QTY 2
MB16P-812mm (Angled) QTY 2
MB16P-779mm (Angled) QTY 2
MB16P-704mm (Angled) QTY 2
MB16P-566mm (Angled) QTY 2
MB16P-428mm (Angled) QTY 2
MB16P-291mm (Angled) QTY 2
MB16RG92P-153mm (Angled) QTY 2

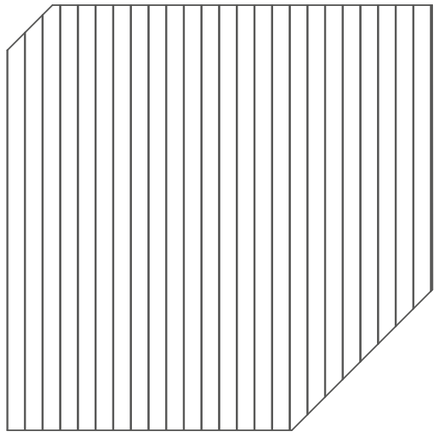
24



Roof Board Pack 4
AI-01LOG127SG/DG-V1RBP4

MB16P-1407mm (Angled) QTY 1
MB16P-1381mm (Angled) QTY 1
MB16P-1274mm (Angled) QTY 1
MB16P-1168mm (Angled) QTY 1
MB16P-1062mm (Angled) QTY 1
MB16P-955mm (Angled) QTY 1
MB16P-849mm (Angled) QTY 1
MB16P-742mm (Angled) QTY 1
MB16P-636mm (Angled) QTY 1
MB16P-530mm (Angled) QTY 1
MB16P-423mm (Angled) QTY 1
MB16P-317mm (Angled) QTY 1
MB16P-211mm (Angled) QTY 1
MB16P-104mm (Angled) QTY 1

25



Floor Board Pack
AI-01LOG127SG/DG-V1FBP

MB16P-2531mm (Angled tongue side) QTY 1
MB16P-2643mm (Angled tongue side) QTY 1
MB16P-2696mm (Angled tongue side) QTY 1
MB16-2696mm QTY 13
MB16P-2696mm (Angled groove side) QTY 1
MB16P-2597mm (Angled groove side) QTY 1
MB16P-2485mm (Angled groove side) QTY 1
MB16P-2373mm (Angled groove side) QTY 1
MB16P-2261mm (Angled groove side) QTY 1
MB16P-2149mm (Angled groove side) QTY 1
MB16P-2037mm (Angled groove side) QTY 1
MB16P-1925mm (Angled groove side) QTY 1

26



Bearer - 44x44x2669mm QTY 9
F4444-2669mm

27



Bearer - 44x44x2713mm
F4444-2713mm

28



Bearer - 44x44x1890mm QTY 2
F4444-1910mm (Angled)

29



Bearer - 44x44x2005mm
F4444-2025mm (Angled)

30 **Bearer - 44x44x2248mm**
F4444-2268mm (Angled)

31 **Bearer - 44x44x2481mm**
F4444-2501mm (Angled)

32 **Bearer - 44x44x1253mm**
F4444-1293mm (Angled)

33 **Bearer - 44x44x394mm**
F4444-434mm (Angled)

34 **Centre Purlin Right - 1095mm QTY 3**
AI-06LOG127SG/DG-V1CPR

35 **Centre Purlin Left - 1095mm QTY 3**
AI-06LOG127SG/DG-V1CPL

36 **Front Purlin Left - 1746mm**
AI-06LOG127SG/DG-V1FPL

37 **Front Purlin Right - 1746mm**
AI-06LOG127SG/DG-V1FPR

38 **Long Purlin - 45x70x2273mm QTY 3**
F4570-2313mm (Angled)

39 **Roof Block - 45x70x185mm QTY 3**
F4570-205mm (Angled)

40 **Spider Block - 45x120x143mm**
F45120-163mm (Angled)

41 **Top Block Door - 28x80x1254mm**
LB28RG80-1254mm (Angled)

42 **Top Block Left - 28x80x974mm**
LB28RG80-974mm (Angled)

43 **Top Block Right - 28x80x974mm**
LB28RG80-974mm (Angled)

44 **Top Block Back Right - 28x80x768mm QTY 3**
LB28RG80-768mm (Angled)

45 **Top Block Back Left - 28x80x768mm QTY 3**
LB28RG80-768mm (Angled)

46 **Top Block Centre - 28x80x1071mm QTY 2**
LB28RG80-1071mm

47 **Rear Fascia - 16x120x3145mm QTY 2**
S16120-3145mm

48 **Window Fascia - 16x120x2160mm QTY 2**
S16120-2160mm

49 **Front Fascia - 16x120x1700mm**
S16120-1700mm

50 **Storm Brace - 27x44x2100mm QTY 8**
F2744-2100mm

51 **Skirting - 28x28x2400mm QTY 8**
FS2828-2400mm

52 **Interior Roof Trim - 27x44x2400mm QTY 8**
F2744-2400mm

53 **Mortice Lock**

54 **Key Plate**

55 **Handles** (*Pair*)

56 **Felt**

57 **Casement Stay QTY 2**

58 **Corner Top Block**
AI-06LOG127-V1BACKB

Nail Bag

- **80mm Bolt Set x17**
- **120mm Screw x20**
- **90mm Screw x100**
- **70mm Screw x172**
- **40mm Screw x353**
- **30mm Screw x76**
- **30mm Black Screw x21**
- **Felt Tacks x867**

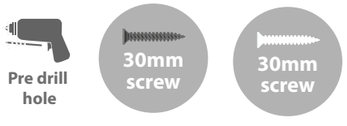
Step 1

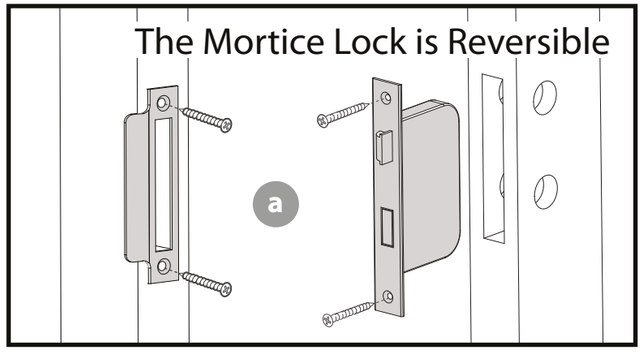
a Fit the mortice lock (***No. 53***) into the recess in the door (***No. 2***) and secure using the screws provided. Attach the key plate (***No. 54***) to the door framing with the screws provided.

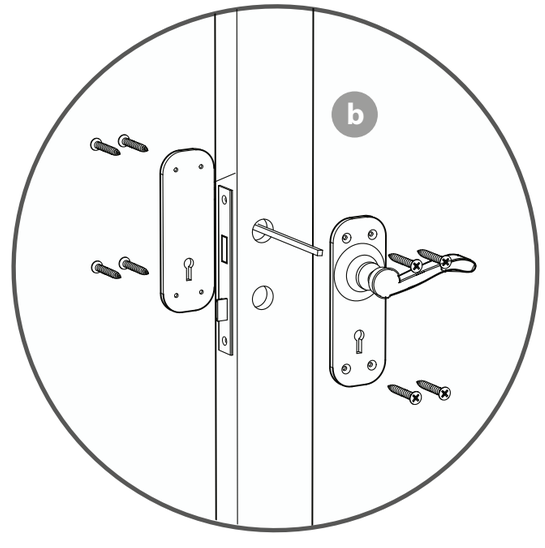
b Fit the door handles (***No.55***) and connect with the metalbar to the mortice lock using 8x30mm screws. Ensure the lock mechanism closes correctly. If not, remove the lock and turn the catch around using the small grub screw.

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

8x30mm Black Screws
12x30mm Screws







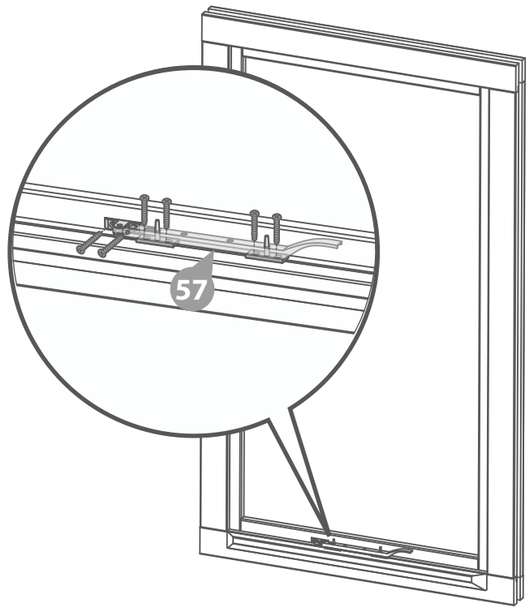
Step 2

Fix the casement stay (***No. 57***) onto the window (***No. 1***) and the casement stay pins to the window cill using 6x30mm (*black*) screws per casement stay.

Ensure the casement stay is centralised on the window.

12x30mm Black Screws
12x30mm Screws
Depending on Ironmongery choices



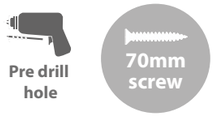


Step 3

Lay the starters (***No's. 26, 27, 28 & 32***) onto a firm and level surface (***free from areas where standing water can collect***) as shown in the illustration.

Fix the framing together at each corner using 10x70mm screws, ensuring the frame is flush.

10x70mm Screws



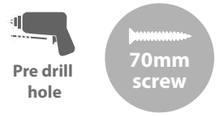
Step 4

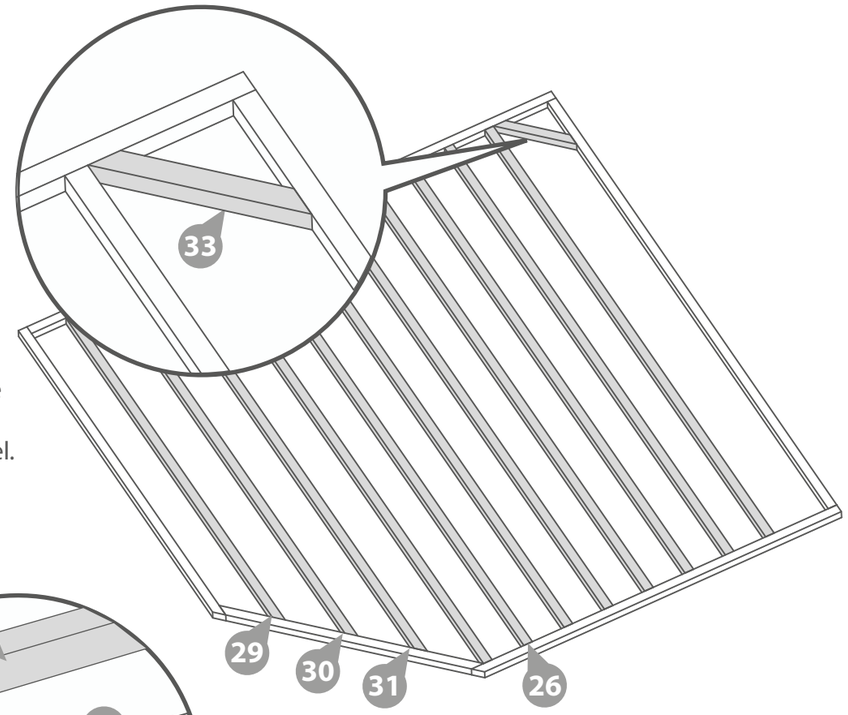
Following the same method outlined in **Step 3**, arrange the remaining framing (***No's. 26, 29 30, 31 & 33***) as shown in the illustration.

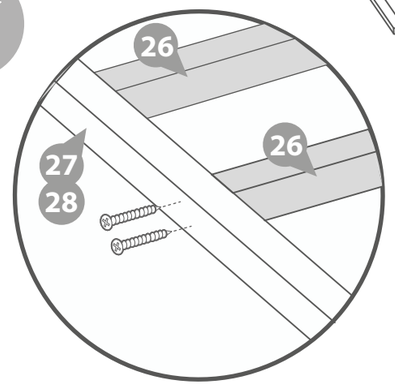
Ensure there is an equal amount of space between each frame.

Secure each of the frames in place using 4x70mm screws per frame, ensuring the framing remains level.

44x70mm Screws





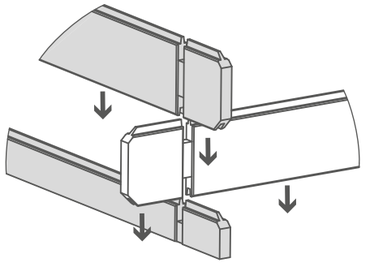


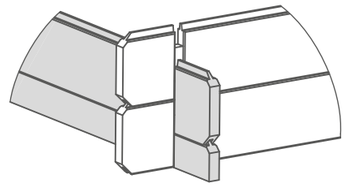
Pre-assembly

Please note:

Each board interlocks at either end in a staggered pattern.

Before securing ensure that the boards are fitted properly in their respective tongue's and groove's.





Step 5 *(See Pre-Assembly)*

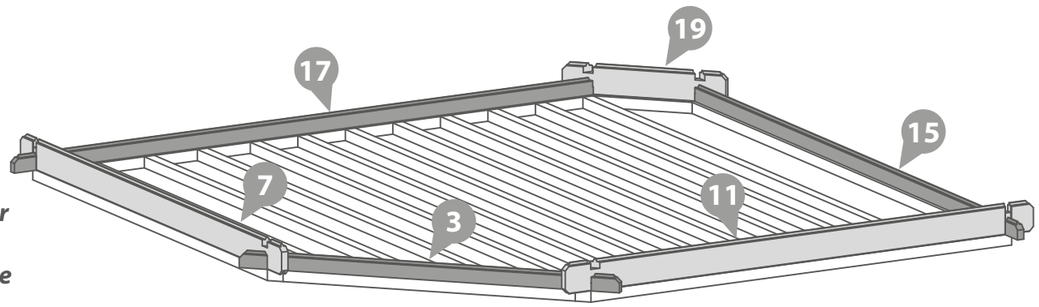
Place the starter boards (***No's. 3, 7, 11, 15, 17 & 19***) on to assembled base frame along the longest sides.

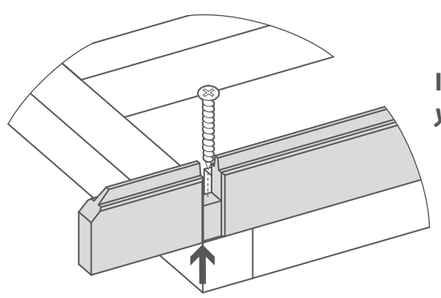
Ensure the notches at either end of each board are flush and level with the ends of the frame.

Fix each of the starter boards to the frame by screwing through the notch into the frame as shown in the illustration.

6x70mm Screws







IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***

Step 6 *(See Pre-Assembly)*

Following the same method outlined in *Pre-Assembly*, lay the first 6 boards (***No's. 4, 5 , 7, 11, 16, 18 & 19***) onto the starter boards to create your first level.

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

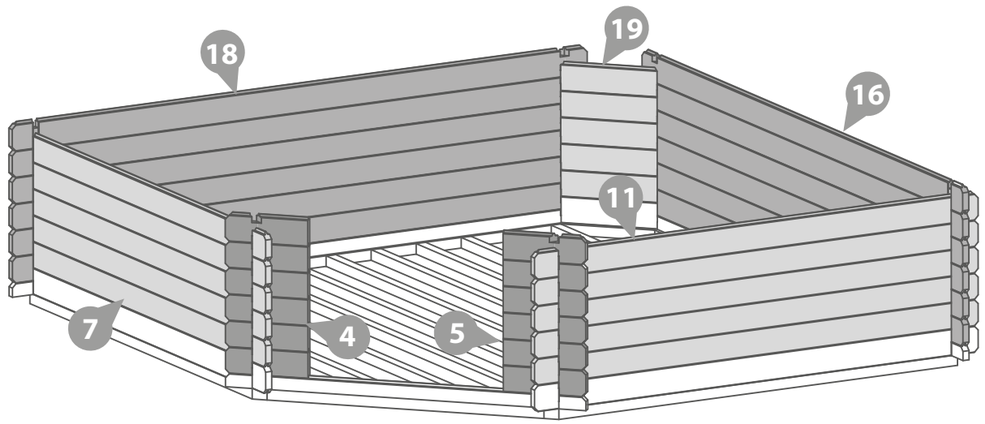
Fix every third board to the one below by screwing through the notch as shown in the illustration using 1x70mm screw per side.

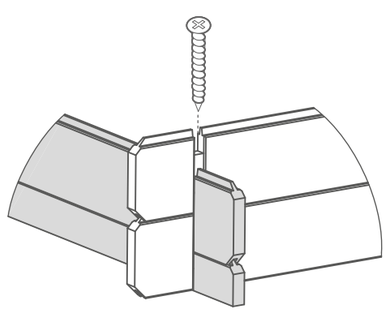
Ensure to stagger the screws so as not to collide with the previous screw.

16x70mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



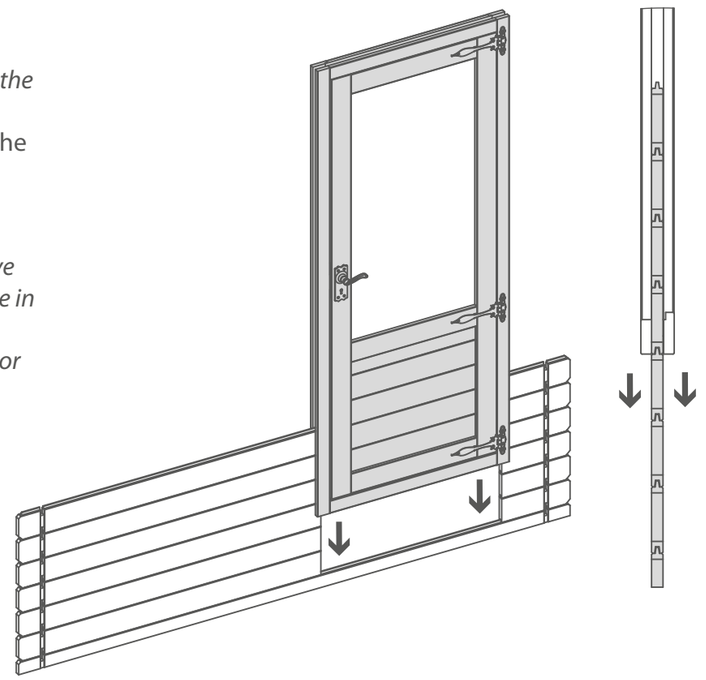


Step 7

Once you have laid 6 log boards (*off of the starter*) up the door section, slide the assembled door frame assembly over the boards resting the frame on top of the starter board.

***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.*

***Please Note:** The short boards at the front of the building (either side of the door and window opening's) can be placed either side depending on your needs.*



Step 8 *(See Pre-Assembly)*

IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***

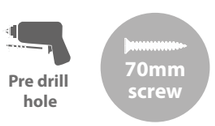
Following the same method outlined in *Pre-Assembly*, lay the next 6 boards (***No's. 4, 5, 8, 9, 12, 13, 16, 18 & 19***) onto the assembly to create your second level.

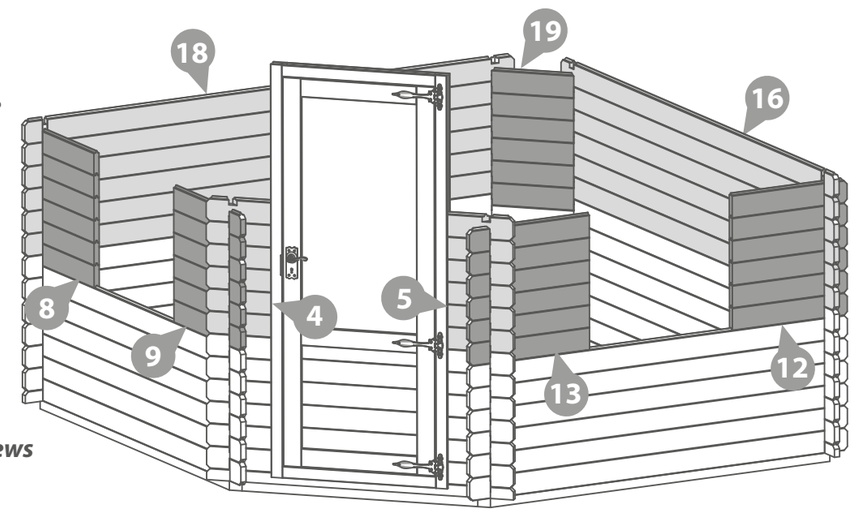
Ensure that the boards are level and flush with each other as you lay each one.

Fix every third board to the one below by screwing through the notch as shown in the illustration using 1x70mm screw per side (*as outlined in Step 6*).

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

20x70mm Screws



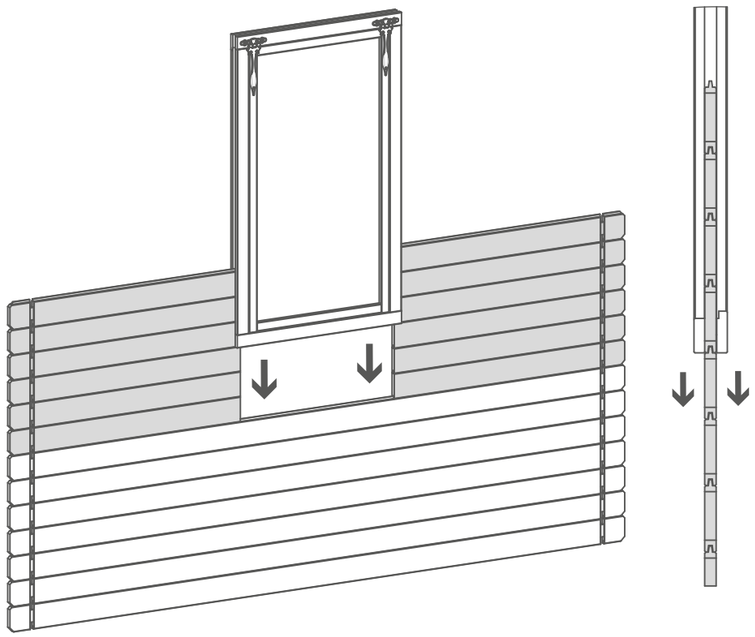


Step 9: Window Frame Fit

Once you have laid the second level of boards onto the assembly slide the window(*s*) between the smaller boards and rest on to the longer board.

***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 10 *(See Pre-Assembly)*

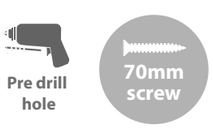
Following the same method outlined in *Pre-Assembly*, lay the remaining boards (***No's. 4, 5, 8, 9, 12, 13, 16, 18 & 19***) onto the assembly to bring the board level to the top of the window and door frames.

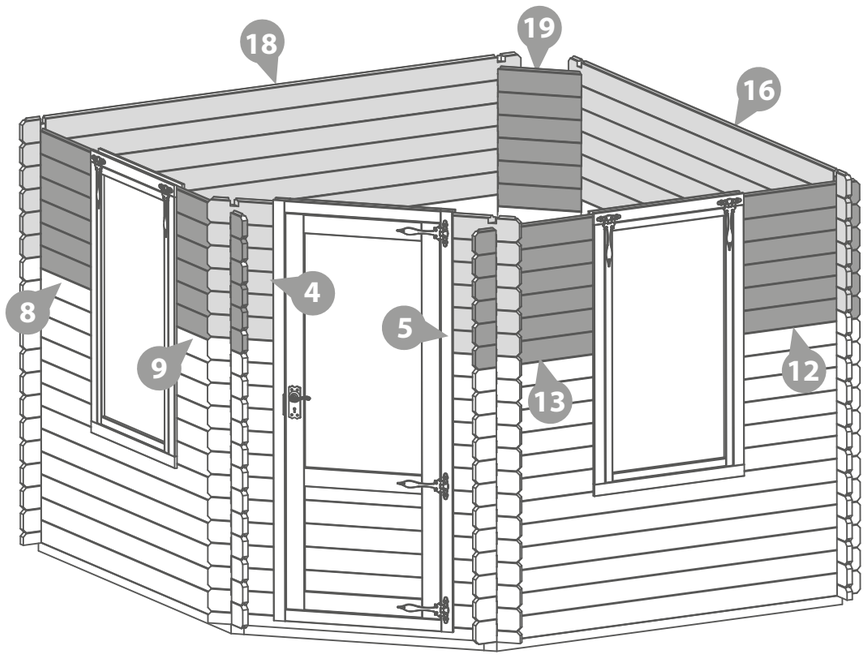
***Ensure that the boards are level and flush with each other as you lay each one.**

Fix every third board to the one below by screwing through the notch as shown in the illustration using 1x70mm screw per side (*as outlined in Step 6*).

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

20x70mm Screws





IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***

Step 11 *(See Pre-Assembly)*

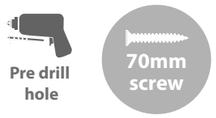
Following the same method outlined in *Pre-Assembly*, lay the remaining boards (***No's. 6, 7, 11, 16, 18 & 19***) onto the assembly to bring the board level x2 boards above the window and doors.

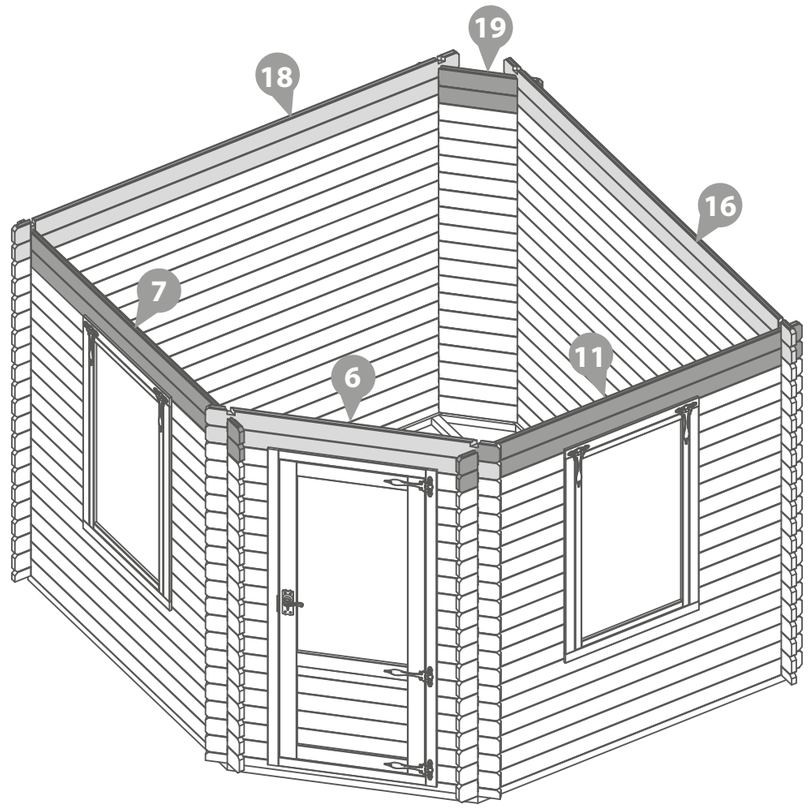
***Ensure that the boards are level and flush with each other as you lay each one.**

Fix every third board to the one below by screwing through the notch as shown in the illustration using 1x70mm screw per side (*as outlined in Step 6*).

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

20x70mm Screws





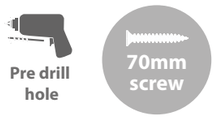
IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***

Step 12 *(See Pre-Assembly)*

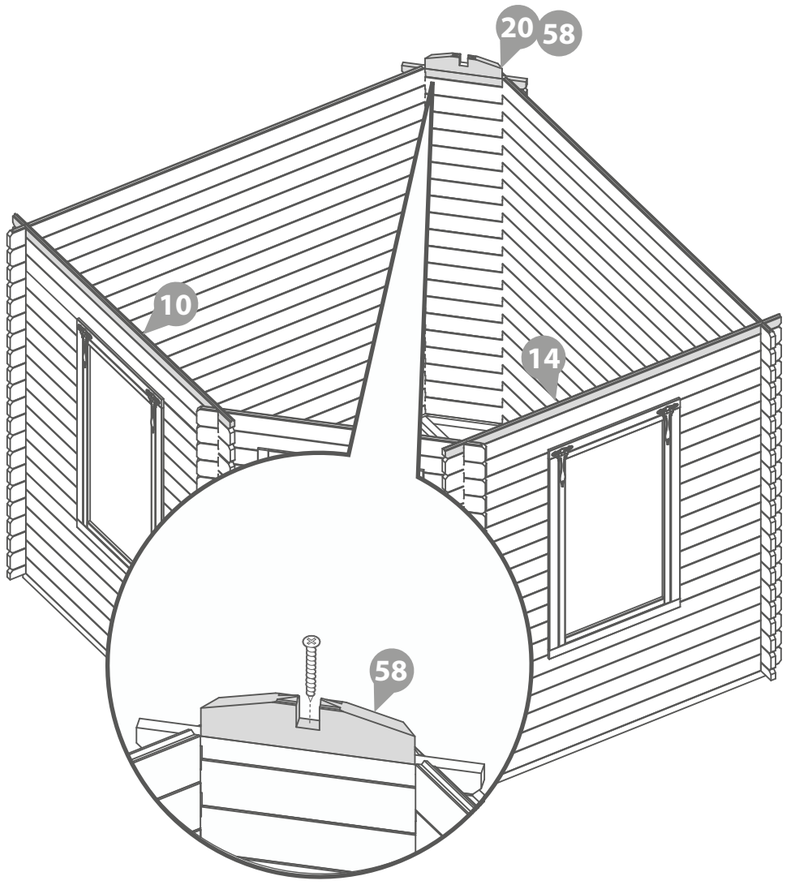
Following the same method outlined in *Pre-Assembly*, lay the last three boards (***No's. 10 14, 20 & 58***) onto the front of the assembly, fixing into position by screwing through the notches as shown in the illustration.

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

6x70mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



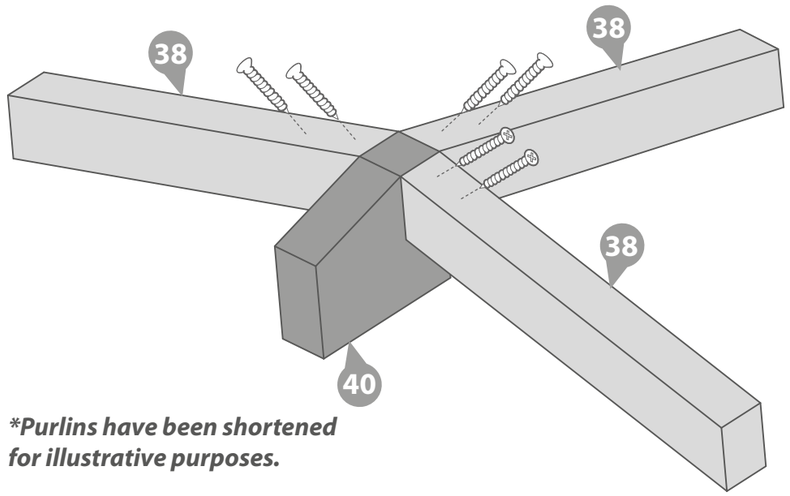
Step 13 *(Spider [**roof structure**] assembly part 1)*

To begin building the roof structure fix the three long purlins (***No. 38***) onto the spider block (***No. 40***) using 2x70mm screws per purlin.

6x90mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



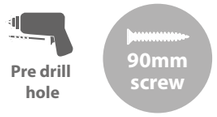
Purlins have been shortened for illustrative purposes.

Step 14 *(Spider [**roof structure**] assembly part 2)*

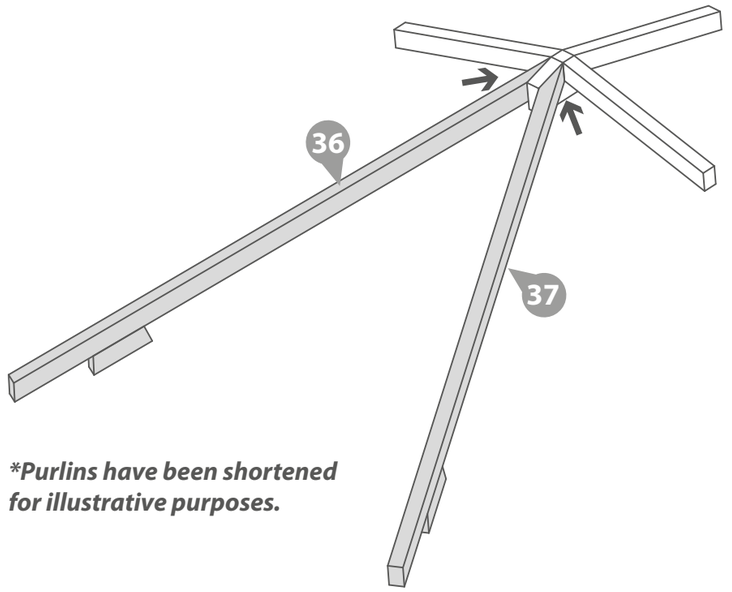
Attach the front purlin left (***No. 37***) and right (***No. 36***) to the spider assembly using 3x70mm screws per purlin.

Ensure the angled section follows the spider block and meets the the long purlins on either side.

6x90mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



Purlins have been shortened for illustrative purposes.

Step 15 *(Spider [**roof structure**] assembly part 3)*

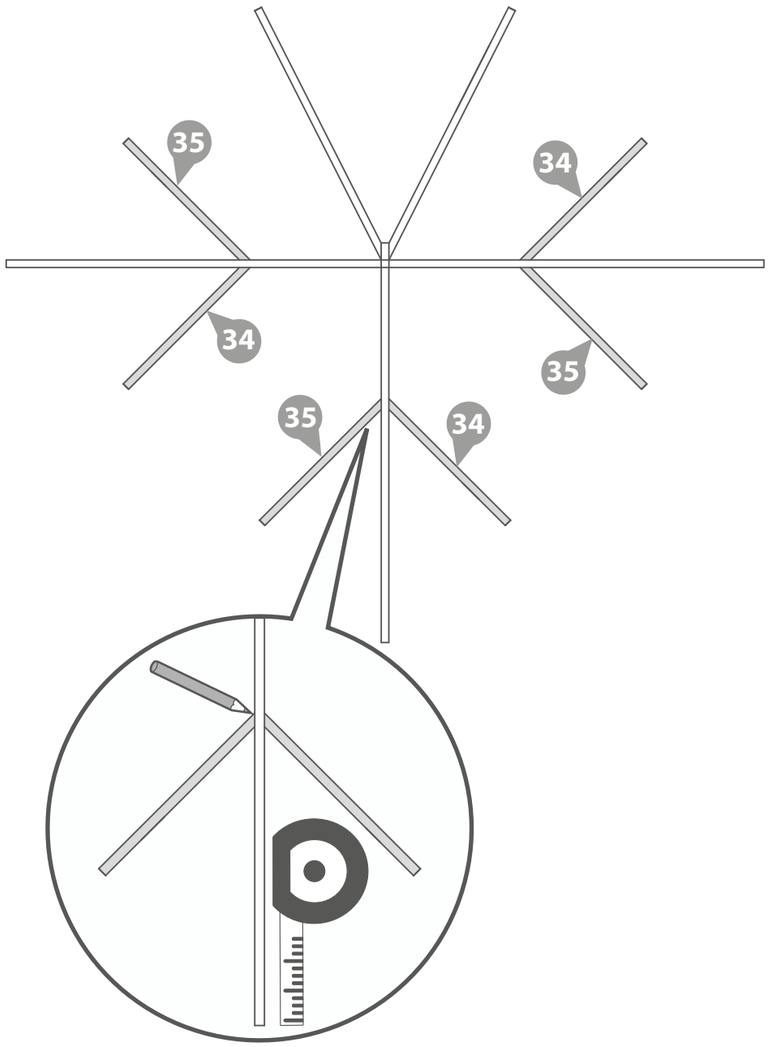
Following the same method outlined in **Step 14** secure the centre purlin right & left (***No's. 34 & 35***) to the long pulins as shown in the illustration using 2x70mm screws per left & right purlin.

Measure along the top of each long pulin 1468mm, mark the position with a pencil and match the top point of each left & right section to the pencil mark as shown in the illustration.

12x90mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



Step 16

Place the assembled spider onto the building, making sure the attached blocks sit inside the assembly.

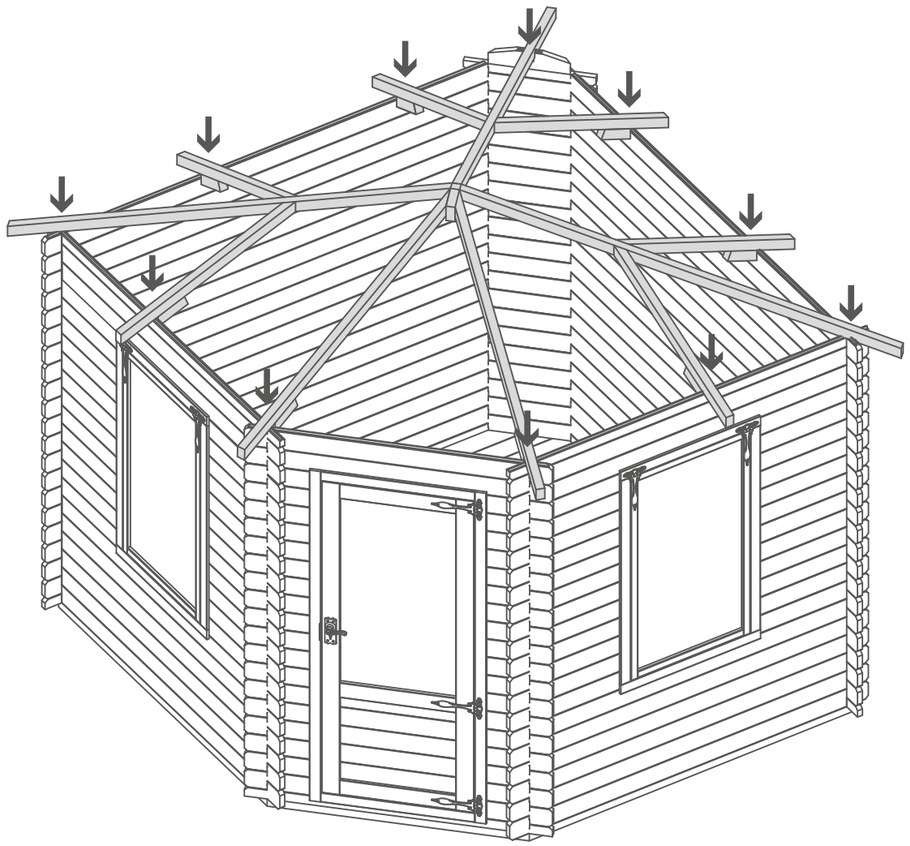
Some adjustment may be required to ensure the spider [*roof structure*] rests correctly. Once in position fix to the building using 1x120mm screw per purlin.

HINT:** ***Use a fascia from the fixing kit to make certain that the purlins line up.

12x120mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



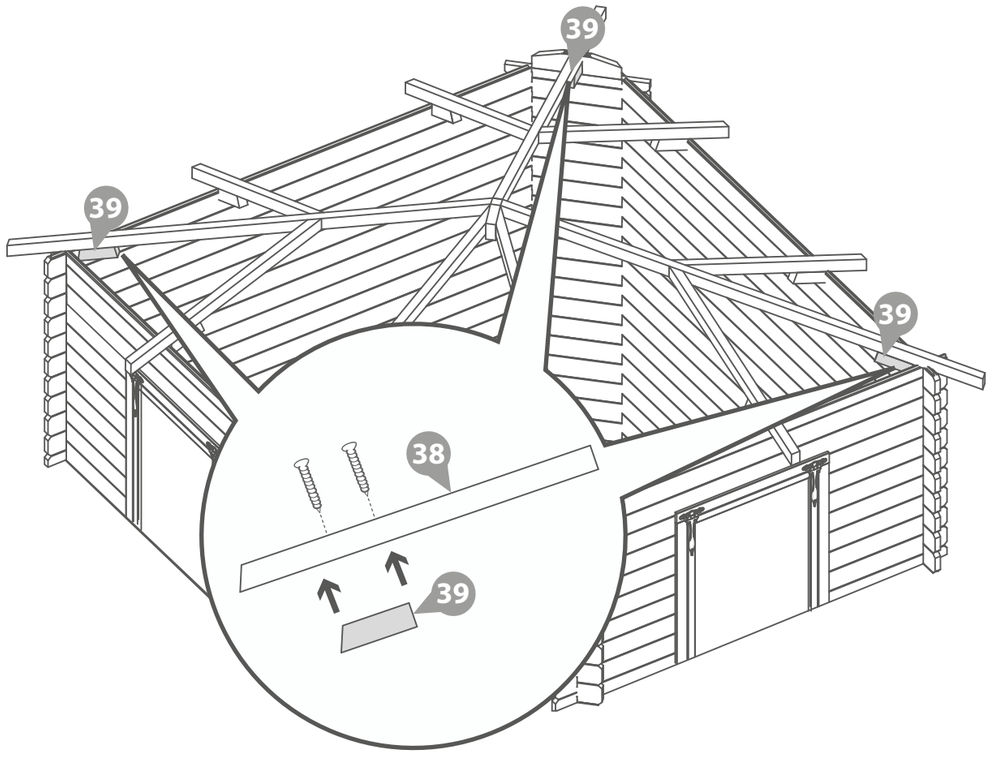
Step 17

Once the spider [*roof structure*] is in position attach the remaining three roof blocks (***No. 39***) to the long purlins, using 2x120mm screws per block.

6x120mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



Step 18

Place the top blocks (***No's. 41, 42, 43, 44, 45 & 46***) around the building, locating each block in-between the spider.

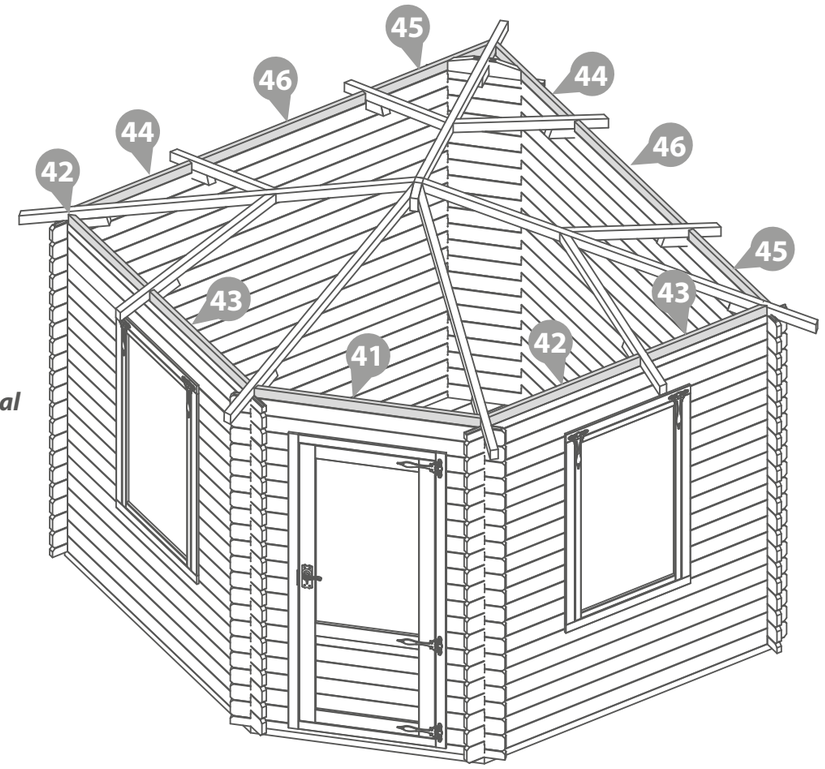
Secure each block using 2x70mm screws, ensuring to stagger the screws to avoid colliding.

****Please note: wood is a natural product and is susceptible to movement ie;** *expansion & contraction*. **Because of this some adjustment may be required for an accurate fit.***

22x70mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



Step 19

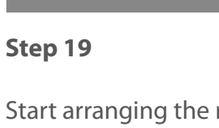
Start arranging the roof board packs (***No's. 21, 22, 23 & 24***) onto the roof assembly, working around the structure building each layer of roof boards one by one.

HINT:** **keep the roof board packs seperate so as not to mix up the positions.

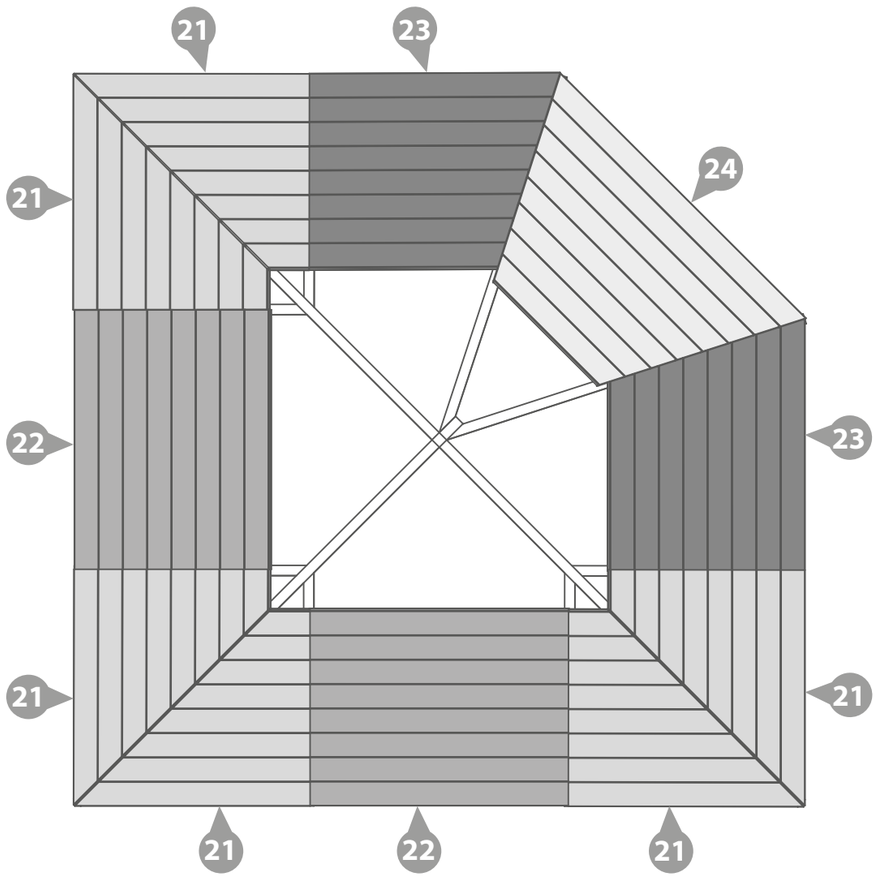
Please note: wood is a natural product and is susceptible to movement ie;** expansion & contraction**. Because of this some adjustment may be required for an accurate fit.

Once you are happy with the fit of the roof boards fix the bottom layer into place using 2x40mm screws per board ensuring to fix through the roof board into the purlin below.

22x40mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***



Please check the longest measurment of each board before beginning the roofing process.

Step 20

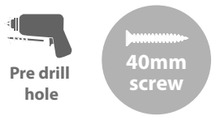
Following the same method set out in **Step 19** continue adding the remaining roof boards onto the assembly, building each layer one by one.

HINT:** **keep the roof board packs seperate so as not to mix up the positions.

Please note: wood is a natural product and is susceptible to movement ie;** expansion & contraction**. Because of this some adjustment may be required for an accurate fit.

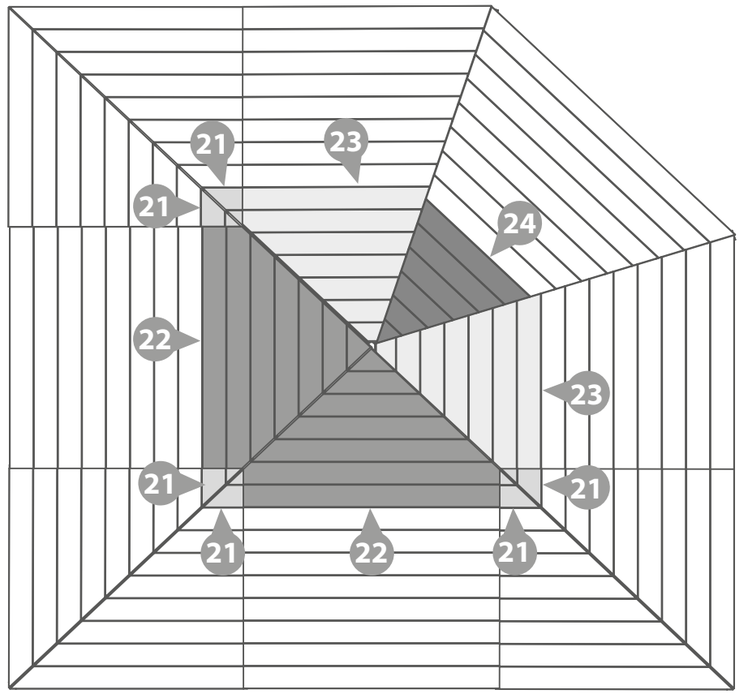
Once you are happy with the fit of the roof boards fix each roof board into place using 2x40mm screws ensuring to fix through the roof board into the purlin below.

268x40mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***

Please check the longest measurment of each board before beginning the roofing process.



Step 21

Place the floor board's (***No. 25***) inside the building flush to the log board on one side. Continue adding the floor boards (*internally*) making sure to interlock each individual board.

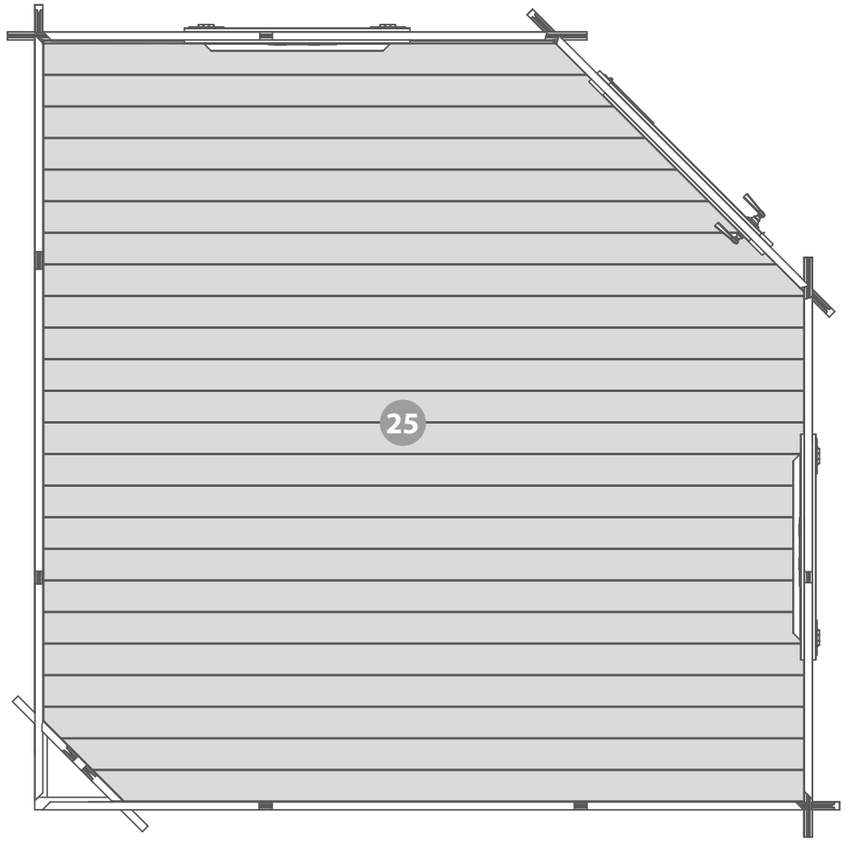
Once all the floor boards are in position secure each board into position using 8x40mm screws.

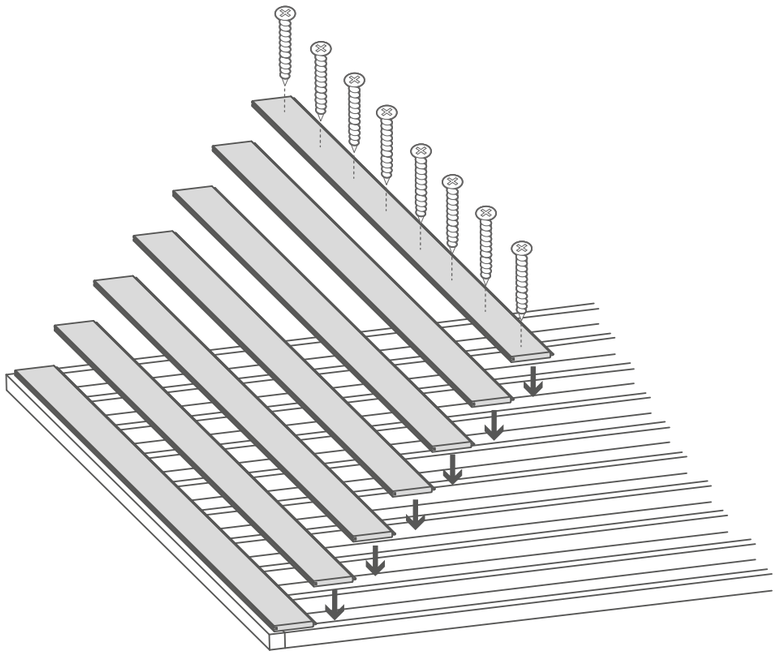
360x40mm Screws



IMPORTANT: ***It is imperative that you pre-drill before fixing screws.***

Please check the longest measurment of each board before beginning the Flooring process.





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

Step 22

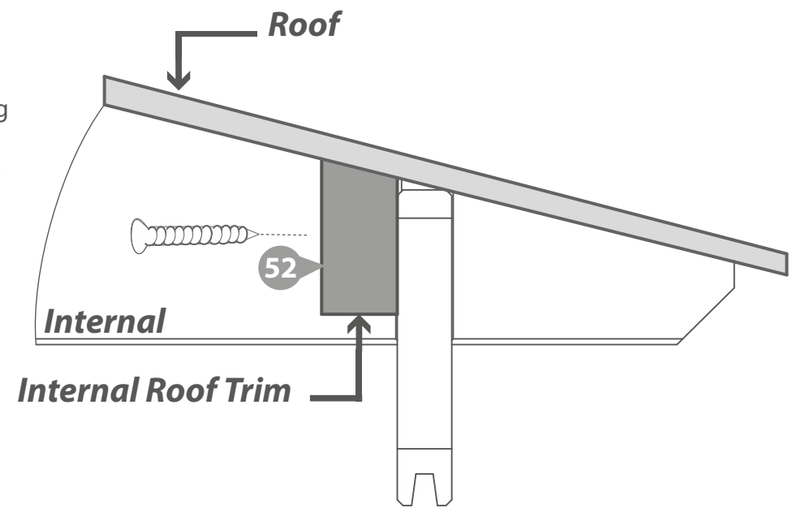
Inside the building place an internal roof trim (***No. 52***) against the boarding and align between the roof purlins as shown in the illustration, ensuring the framing is against the roof boards.

Once in position fix each roof trim into place using 40mm screws per roof trim, equally spaced along the face of the board.

40x40mm Screws



Measure and cut the interior roof trims to fit the internal space.



Step 23

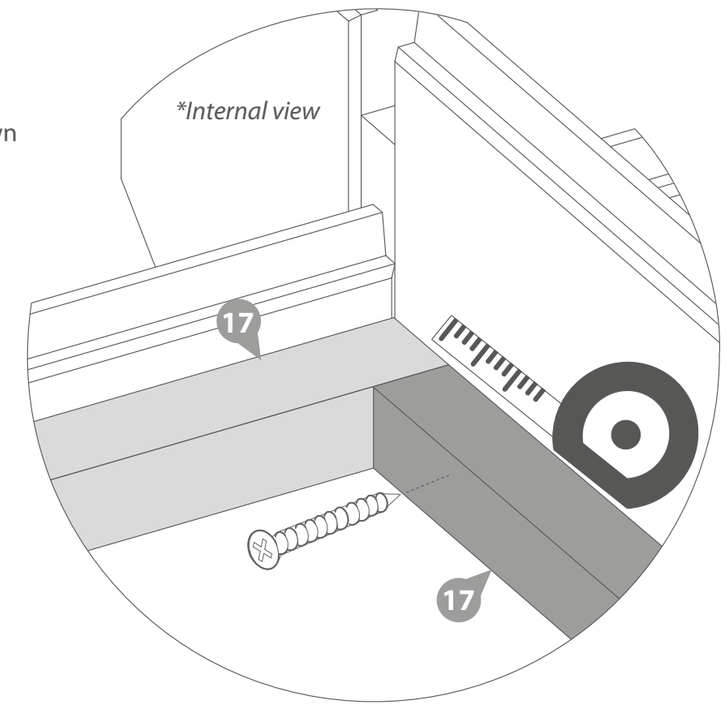
Once the floor has been laid arrange the skirting (***No. 51***) around the outside edge of floor (***internally***), measure and cut down accordingly to best match the internal space.

Secure each skirting section into place using 30mm spaced equally along the board as shown in the illustration.

Do NOT fix the skirting to the floor sheets/boards.

50x30mm Screws





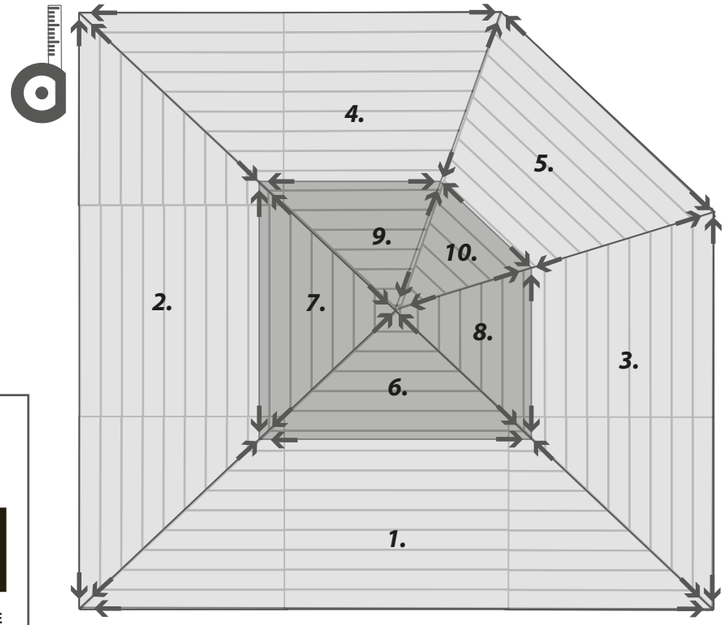
Step 20

Following the individual triangle shape(*s*) of the roof measure and cut the felt (***No. 57***) into the according sizes and lay onto the roof in the order shown in the illustration.

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

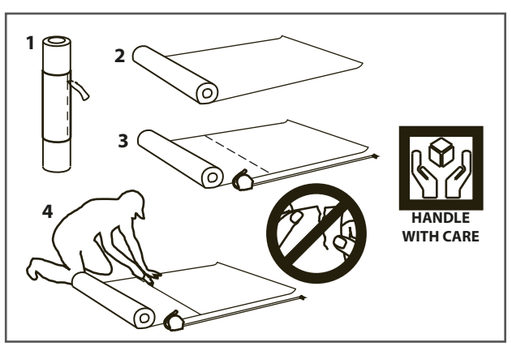


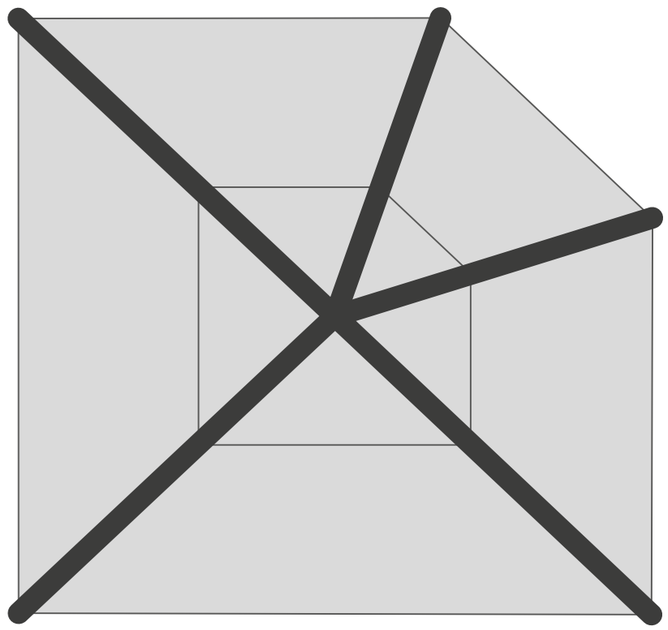
Step 21

Cut the remaining felt into 5x strips at 200mm wide and approximately 2500mm long and place onto the roof securing into place following the same method outlined in **Step 20.**

250x Felt Tacks







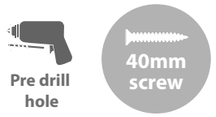
Step 28

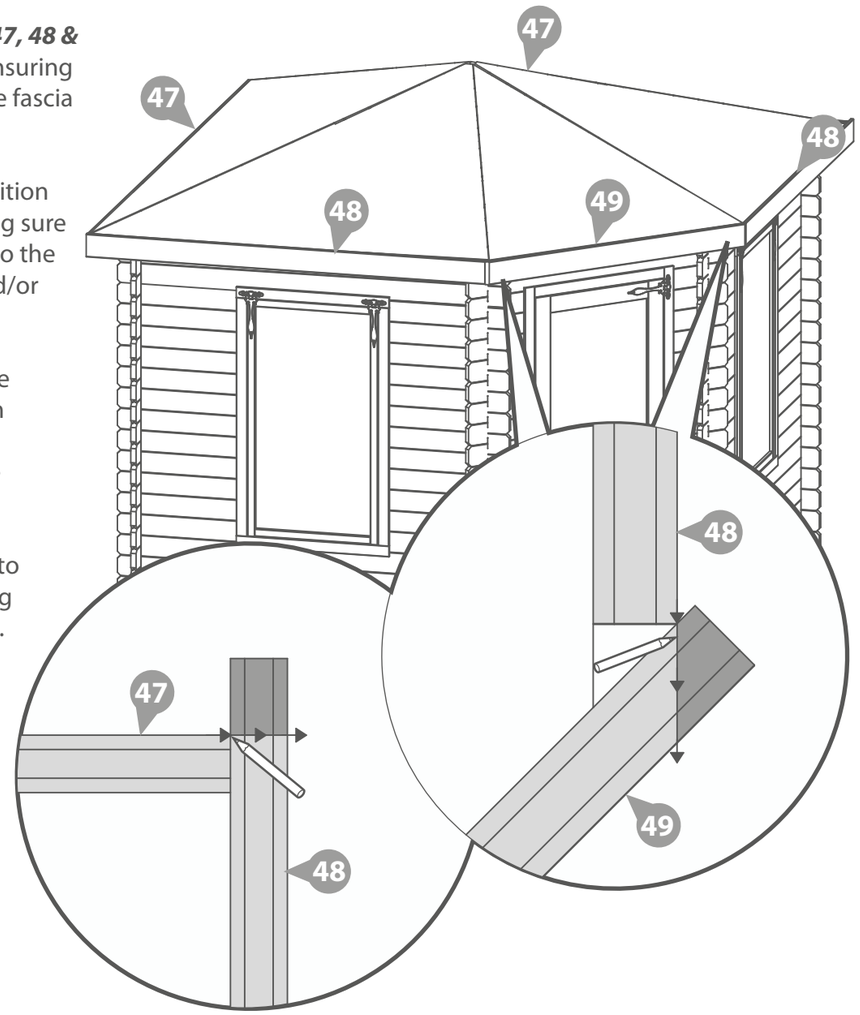
Arrange the fascia's (***No's. 47, 48 & 49***) around the building, ensuring to trap the felt between the fascia and the building.

Secure each fascia into position using 40mm screws, making sure to fix through the fascia into the roof purlin, fascia block and/or log boards.

Across the door front fix the fascia (***No. 49***) into position ensuring the there is overhang either side of the fascia. Once in place mark the excess fascia with a pencil and trim the fascias to follow the shape of building as shown in the illustration.

25x40mm Screws





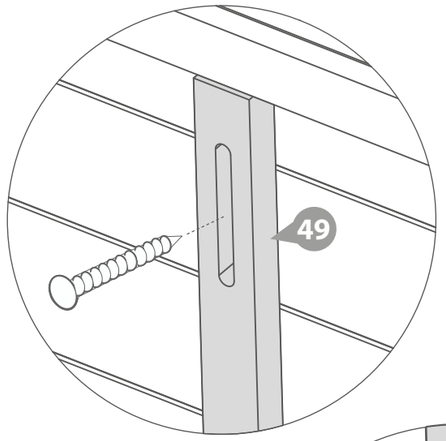
Step 22

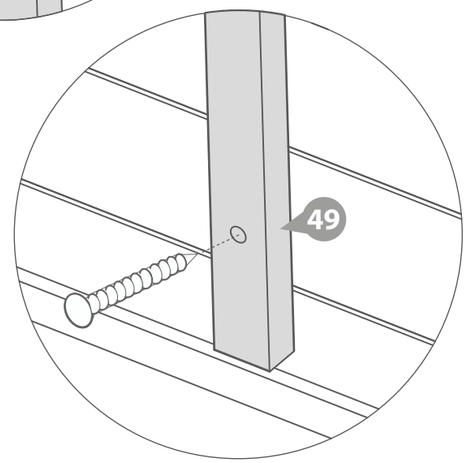
Arrange the storm braces (***No. 50***) around the building (***internally***). Place 2x storm braces per side fixing into place using 2x 80mm bolts per brace making sure the washer & nut are tightened from the outside of the building.

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

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

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





16x80mm Bolt Sets



Pre drill hole



80mm bolt

