

### Before assembly

- We recommend that time is taken to read the instructions before starting assembly, then follow the easy step by step guide. The instruction sheet is only a guide to the assembly. Certain items may not be shown to scale.
- Check all components prior to assembly.
- This product should be assembled by no less than 2 people.
- Some of the components may have sharp edges wear protective work gloves while handling components.
- Never attempt to erect the assembly in high winds.
- Drill components where indicated.



x 2



Drill



Gloves

### Recommended tools for assembly

- Cross head screw driver
- Mallet
- Hammer
- Sharp knife
- Hacksaw
- Spanner
- Drill
- 12mm diameter drill bit
- 3mm diameter drill bit
- Silicon sealant
- Step ladder

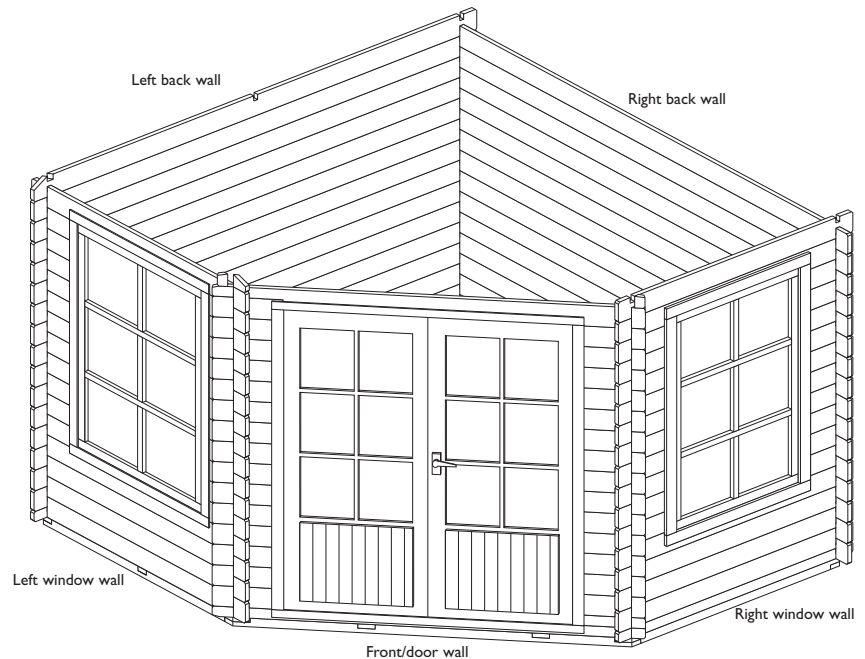


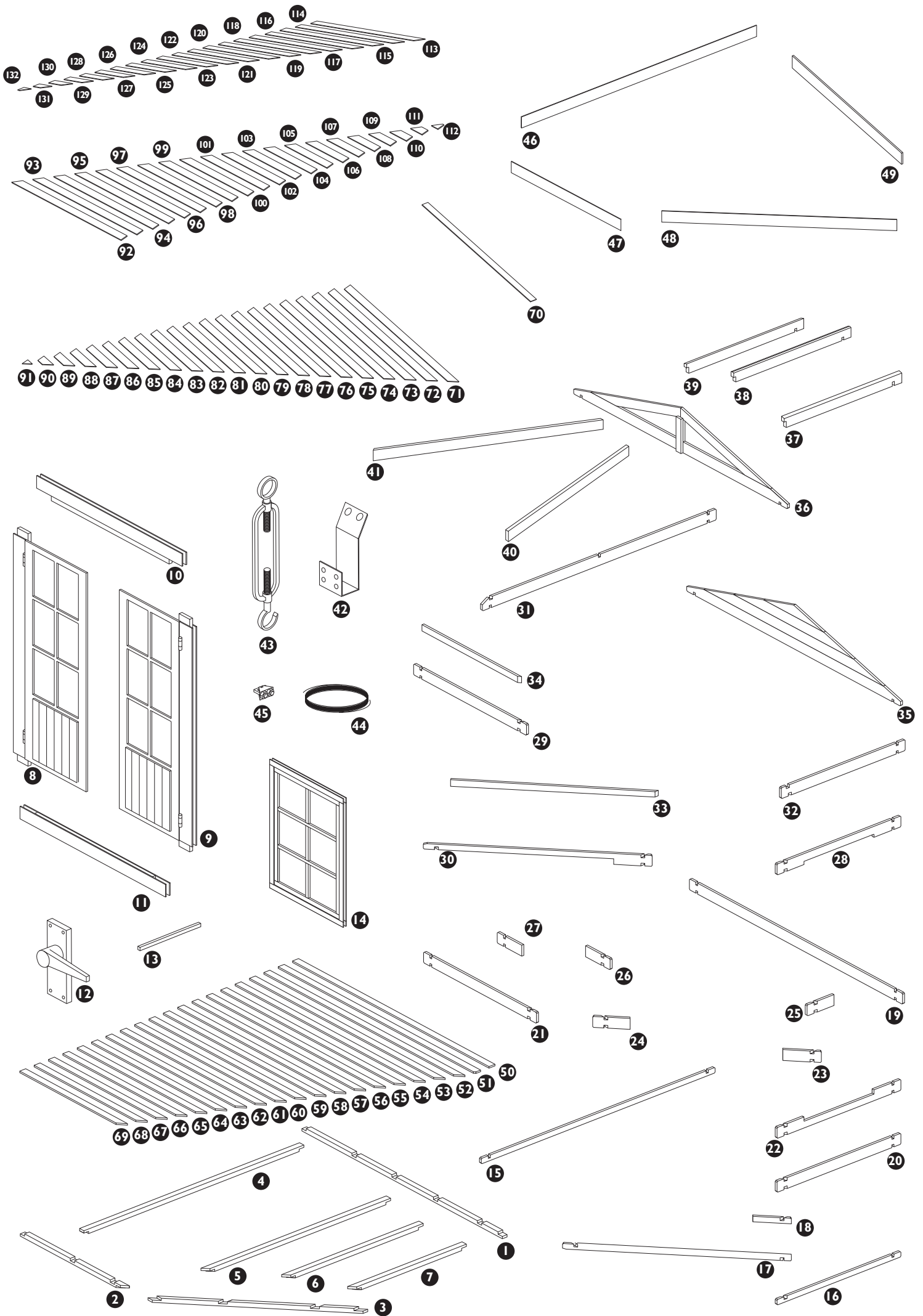
No.	Components	Qty.
1	Floor bearer (3016x65x55mm)	1
2	Short floor bearers (1570x65x55mm)	1
3	Angle floor bearer (2242x65x55mm)	1
4	Floor Joist (3016x65x55mm)	3
5	Floor Joist (2542x65x55mm)	1
6	Floor Joist (1882x65x55mm)	1
7	Floor Joist (1570x65x55mm)	1
8	Left-hand door	1
9	Right-hand door	1
10	Door top frame	1
11	Door bottom frame	1
12	Door handle set (2 handles)	1
13	Metal handle bar	1
14	Window module	2
15	Foundation wall log (3206x55x28mm)	1
16	Foundation wall log (1698x55x28mm)	1
17	Foundation wall log (2300x55x28mm)	1
18	Front wall half log (275x55x28mm)	1
19	Wall log (3206x110x28mm)	35
20	Right window wall log (1698mm)	3
21	Left window wall log (1698mm)	4
22	Right window wall log bottom rebate	1
23	Angled right door wall log (275mm)	16
24	Angled left door wall log (275mm)	17
25	Angled right window wall log (369mm)	13
26	Angled left window wall log (369mm)	12
27	Short window wall logs (369mm)	25
28	Right window wall log top rebate	1
29	Left window wall top log (1698mm)	1
30	Door wall log (2300mm)	1
31	Left back wall top log (3206mm)	1
32	Right window wall top log (1698mm)	1
33	Door wall top half log (2300mm)	1
34	Left window wall top half log (1698mm)	1
35	Apex log section	1
36	Centre A frame	1
37	A frame to apex right roof rafter (1623mm)	1
38	A frame to apex centre roof rafter	1
39	A frame to apex Left roof rafter	1
40	Roof rafter (2304mm)	1
41	Roof rafter (1682mm)	1
42	Hook	4
43	Turnbuckle	2

No.	Components	Qty.
44	Wire rope	2
45	Clamp	8
46	Left back wall bargeboard (3220mm)	1
47	Window wall bargeboard (1605mm)	2
48	Door wall bargeboard (2285mm)	1
49	Apex bargeboard (1714mm)	2
50	Floor board (2955x82x19mm)	19
51	Angled floor board (2955x82x19mm)	1
52	Angled floor board (2900x82x19mm)	1
53	Angled floor board (2818x82x19mm)	1
54	Angled floor board (2736x82x19mm)	1
55	Angled floor board (2653x82x19mm)	1
56	Angled floor board (2573x82x19mm)	1
57	Angled floor board (2493x82x19mm)	1
58	Angled floor board (2400x82x19mm)	1
59	Angled floor board (2331x82x19mm)	1
60	Angled floor board (2251x82x19mm)	1
61	Angled floor board (2171x82x19mm)	1
62	Angled floor board (2091x82x19mm)	1
63	Angled floor board (2010x82x19mm)	1
64	Angled floor board (1929x82x19mm)	1
65	Angled floor board (1849x82x19mm)	1
66	Angled floor board (1769x82x19mm)	1
67	Angled floor board (1689x82x19mm)	1
68	Angled floor board (1609x82x19mm)	1
69	Angled floor board (1529x82x19mm)	1
70	Roof board (1666x82x19mm)	40
71	Angled Roof board (1) (1666x82x19mm)	1
72	Angled Roof board (1) (1585x82x19mm)	1
73	Angled Roof board (1) (1504x82x19mm)	1
74	Angled Roof board (1) (1423x82x19mm)	1
75	Angled Roof board (1) (1342x82x19mm)	1
76	Angled Roof board (1) (1262x82x19mm)	1
77	Angled Roof board (1) (1181x82x19mm)	1
78	Angled Roof board (1) (1100x82x19mm)	1
79	Angled Roof board (1) (1019x82x19mm)	1
80	Angled Roof board (1) (938x82x19mm)	1
81	Angled Roof board (1) (857x82x19mm)	1
82	Angled Roof board (1) (776x82x19mm)	1
83	Angled Roof board (1) (695x82x19mm)	1
84	Angled Roof board (1) (615x82x19mm)	1
85	Angled Roof board (1) (534x82x19mm)	1
86	Angled Roof board (1) (453x82x19mm)	1
87	Angled Roof board (1) (372x82x19mm)	1
88	Angled Roof board (1) (291x82x19mm)	1

No.	Components	Qty.
89	Angled Roof board (1) (210x82x19mm)	1
90	Angled Roof board (1) (129x82x19mm)	1
91	Angled Roof board (1) (48x82x19mm)	1
92	Angled Roof board (2) (1592x82x19mm)	1
93	Angled Roof board (2) (1515x82x19mm)	1
94	Angled Roof board (2) (1438x82x19mm)	1
95	Angled Roof board (2) (1362x82x19mm)	1
96	Angled Roof board (2) (1285x82x19mm)	1
97	Angled Roof board (2) (1208x82x19mm)	1
98	Angled Roof board (2) (1131x82x19mm)	1
99	Angled Roof board (2) (1055x82x19mm)	1
100	Angled Roof board (2) (978x82x19mm)	1
101	Angled Roof board (2) (901x82x19mm)	1
102	Angled Roof board (2) (824x82x19mm)	1
103	Angled Roof board (2) (747x82x19mm)	1
104	Angled Roof board (2) (671x82x19mm)	1
105	Angled Roof board (2) (594x82x19mm)	1
106	Angled Roof board (2) (517x82x19mm)	1
107	Angled Roof board (2) (440x82x19mm)	1
108	Angled Roof board (2) (363x82x19mm)	1
109	Angled Roof board (2) (287x82x19mm)	1
110	Angled Roof board (2) (210x82x19mm)	1
111	Angled Roof board (2) (133x82x19mm)	1
112	Angled Roof board (2) (56x82x19mm)	1
113	Angled Roof board (3) (1666x82x19mm)	1
114	Angled Roof board (3) (1582x82x19mm)	1
115	Angled Roof board (3) (1499x82x19mm)	1
116	Angled Roof board (3) (1415x82x19mm)	1
117	Angled Roof board (3) (1332x82x19mm)	1
118	Angled Roof board (3) (1248x82x19mm)	1
119	Angled Roof board (3) (1164x82x19mm)	1
120	Angled Roof board (3) (1081x82x19mm)	1
121	Angled Roof board (3) (997x82x19mm)	1
122	Angled Roof board (3) (914x82x19mm)	1
123	Angled Roof board (3) (830x82x19mm)	1
124	Angled Roof board (3) (746x82x19mm)	1
125	Angled Roof board (3) (663x82x19mm)	1
126	Angled Roof board (3) (579x82x19mm)	1
127	Angled Roof board (3) (496x82x19mm)	1
128	Angled Roof board (3) (412x82x19mm)	1
129	Angled Roof board (3) (328x82x19mm)	1
130	Angled Roof board (3) (245x82x19mm)	1
131	Angled Roof board (3) (161x82x19mm)	1
132	Angled Roof board (3) (78x82x19mm)	1

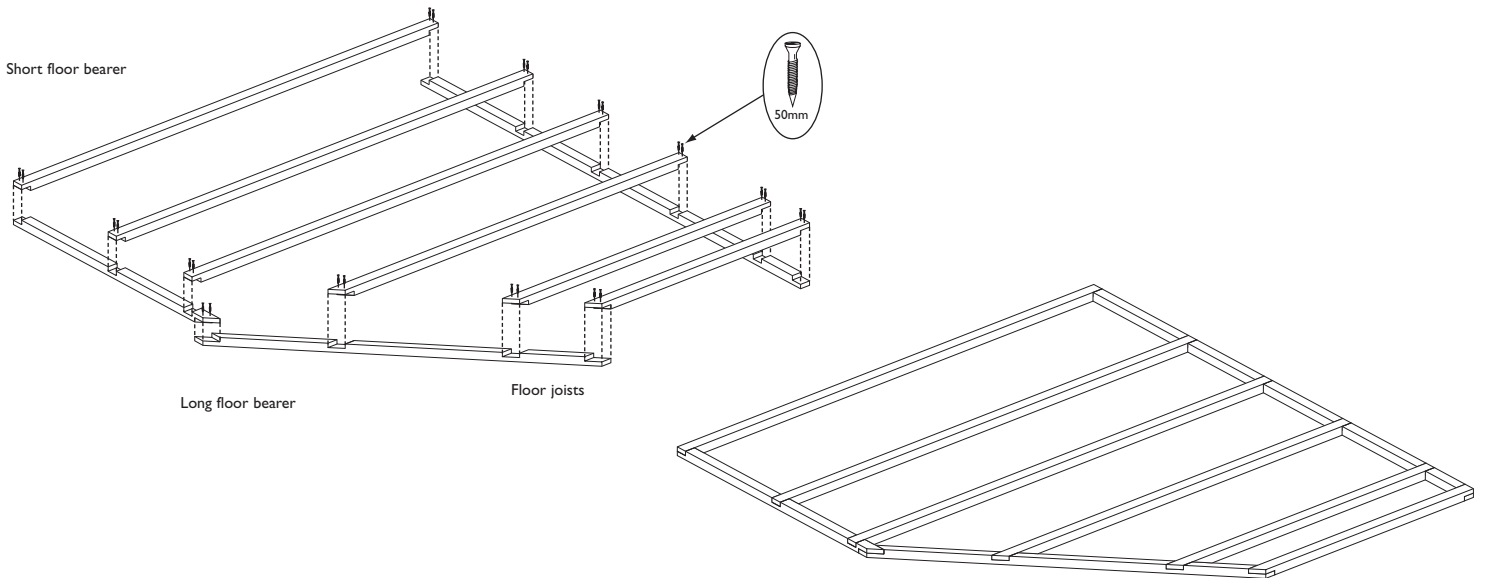
No.	Fixing kit	Qty.
136	45mm screws	28
137	75mm nails	10
138	50mm nails	650





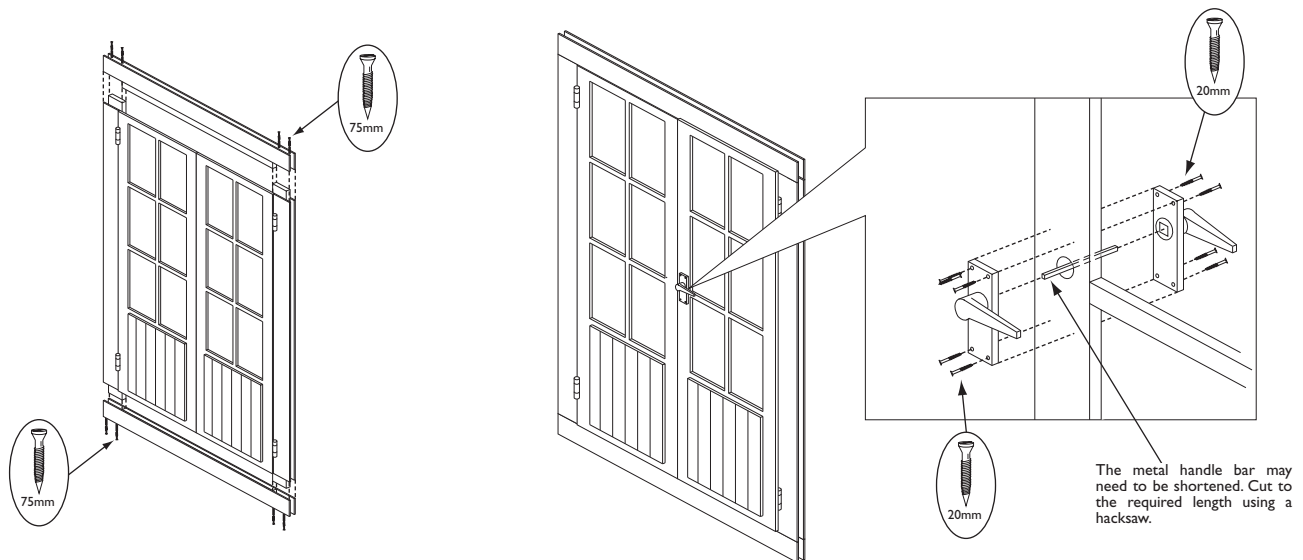
## 1. Floor frame

Prepare a level surface Ideally with concrete or slabs of minimum area 3200mm x 3200mm. Onto the prepared surface construct the base frame as shown below using 2 x 50mm screws for each join.



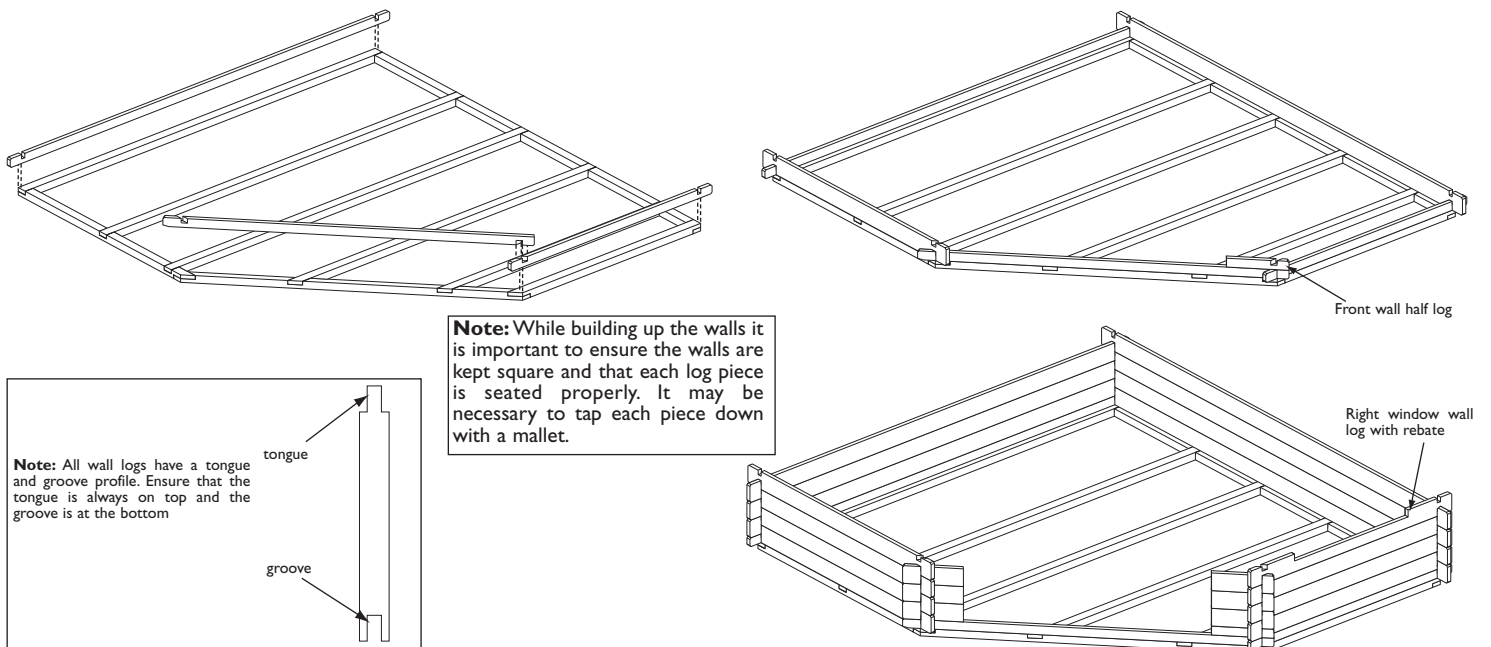
## 2. Door frame module assembly

Lay the 2 door units next to each other with the doors together and on top. Attach the bottom frame by inserting the door units into the frame secure together by using 4 x 75mm screws as shown. In the same way attach the top frame. To fit the door handles, push the metal handle bar through the door latch mechanism in the door. Note metal handle bar may need to be shortened. Fit a door handle to the metal handle bar on each side of the door and secure them in place using 4 x 20mm screws per handle.



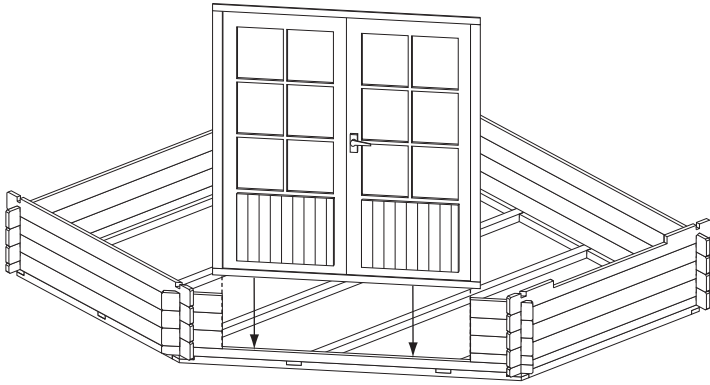
## 3. Walls stage I

Position the foundation logs flush to the base edges as shown, build the walls up 3 layers by interlocking the wall log rebates together. Please note below the position of the front wall half log and the right window wall log with rebate.



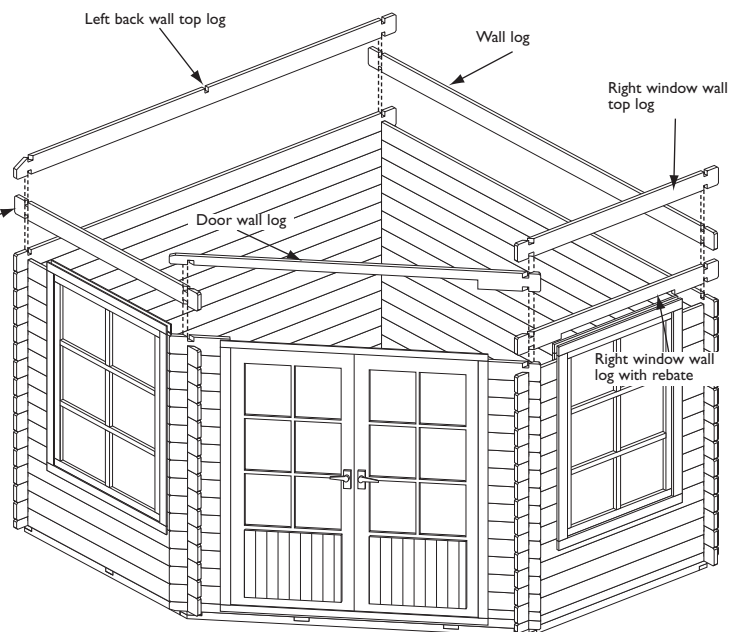
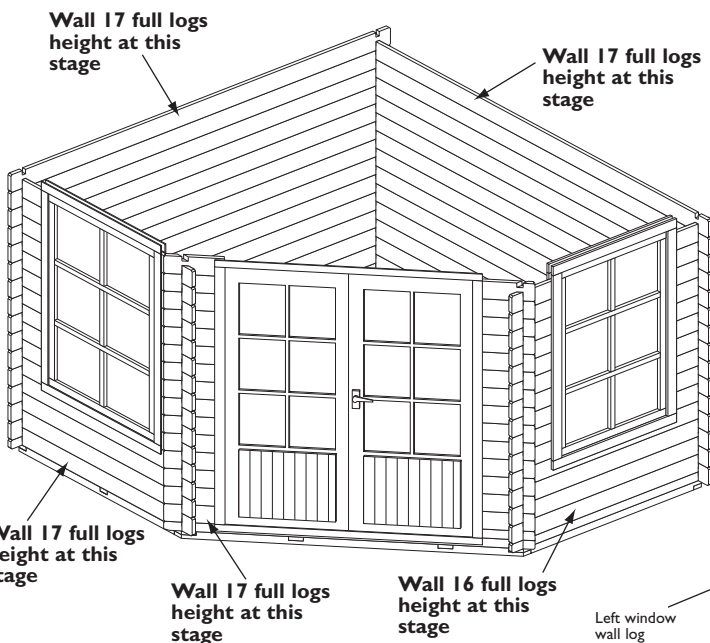
#### 4. Door module

Lift up the door module and slot into position so the front wall panels fit inside the rebates on the sides of the module. Ensure that the door module is fully seated onto the bottom foundation log of the front wall.



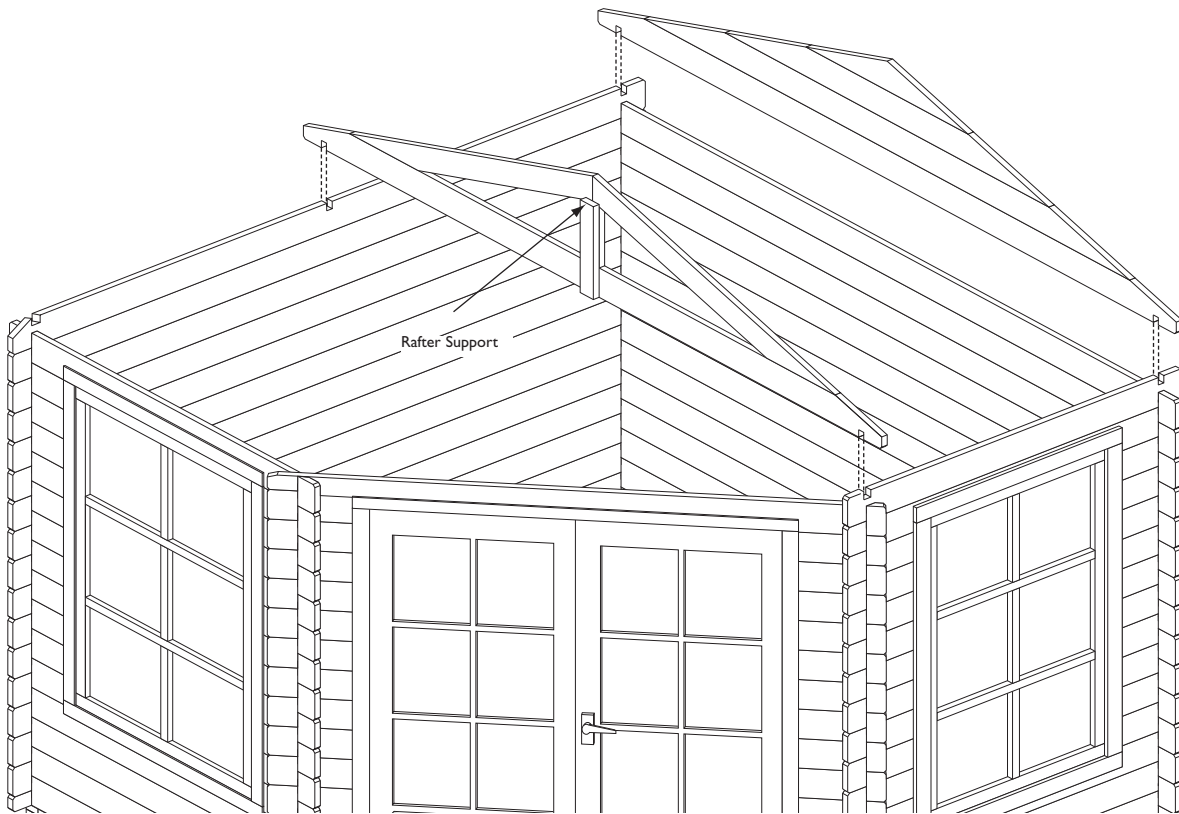
#### 5. Walls stage 2

Continue to build the walls 3 more layers high as before but using the short window wall logs to create spaces for the window modules. Insert the window modules in the same way as the doors as shown and continue to build the walls up until the back walls are 17 logs high. Finish the walls of with the pieces shown in the last diagram of this section.



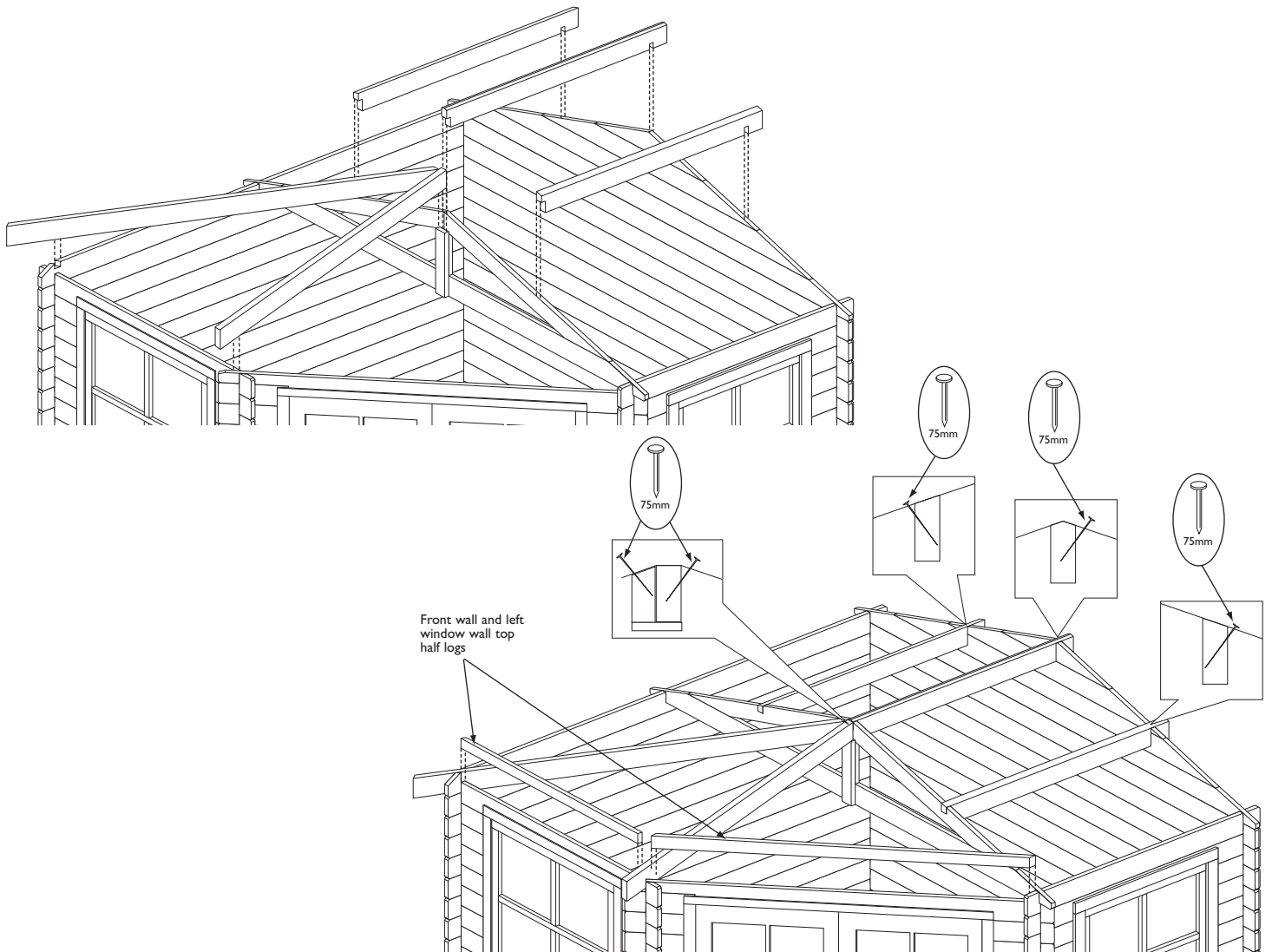
## 6. Apex

Position the back apex on the right back wall. Slot into position the centre A frame, note the orientation of the rafter support at the centre of the A frame.



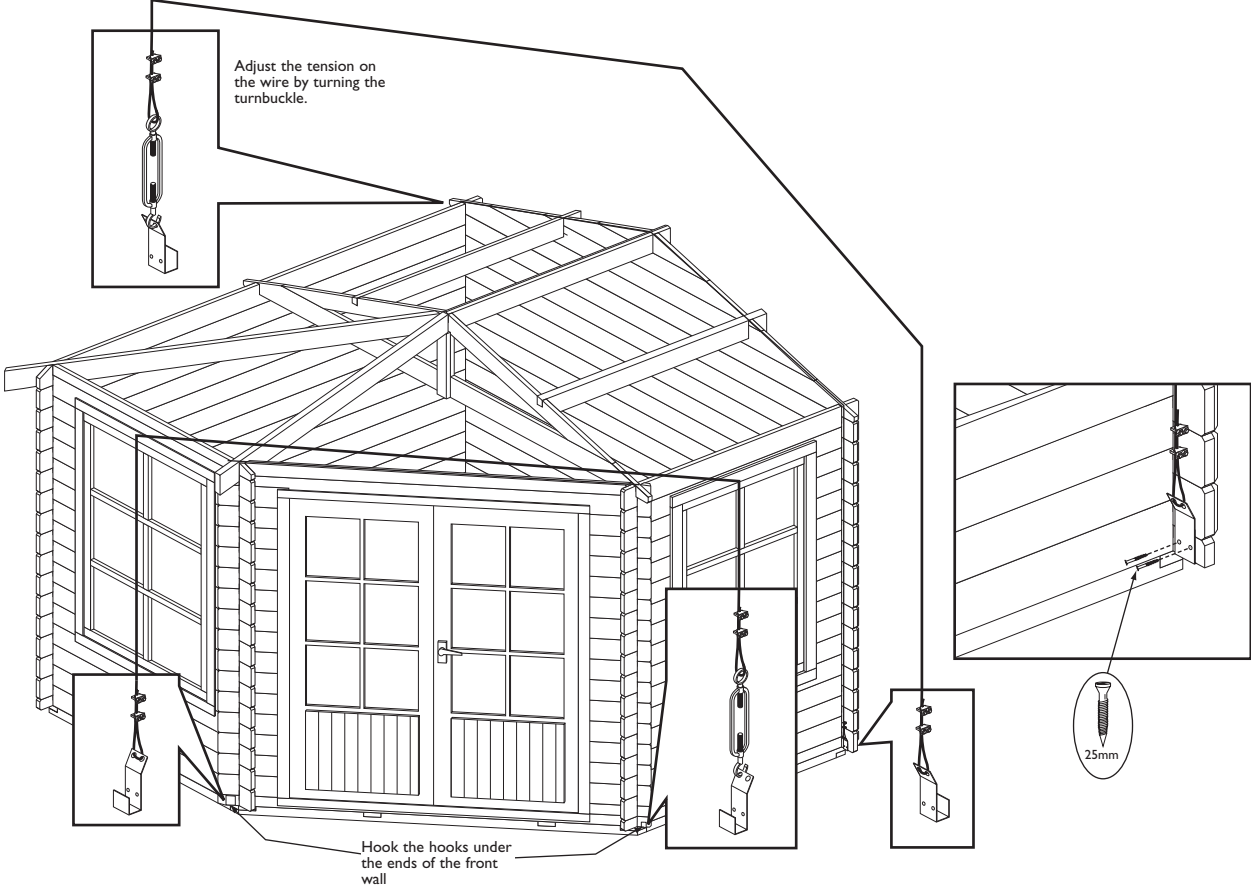
## 7. Roof rafters

Slot on roof rafters. Note that the top edge of each roof purlin is angled to follow the roof line. Secure them in place with a 75mm nail at each end. Nail at an angle through the apex panel into the purlins. Once the rafters are in place, onto the front wall and the left window wall position the top half wall logs.



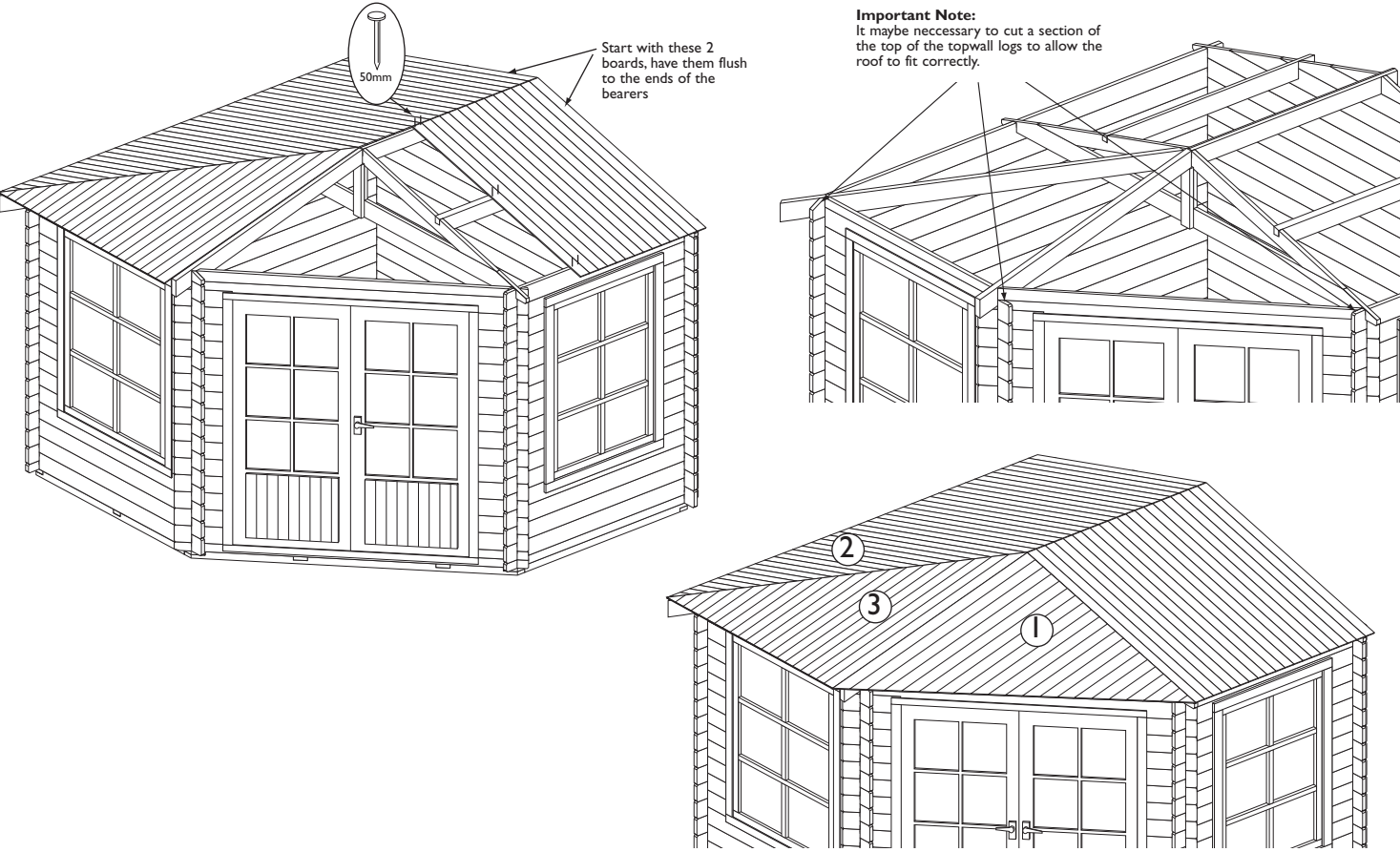
## 8. Metal wire clamp

Thread the end of a metal wire through the holes in the top of a hook bracket. Using 2 clamps secure the wires to its self making a loop as shown. Hook the metal hook under the end of the back wall and secure in place using 2 x 25mm screws. Pass the wire over the top of the back apex. Attach a turn buckle to a metal hook and hook under the other end of the back wall and secure using 2 x 25mm screws. Loop the wire through the eye of the turn buckle and using 2 clamps secure the wires to its self making a loop. For the second wire assemble in the same way passing the wire over the front apex. when the 2 wires are in place turn the turnbuckle to adjust the tension on the wire. Note do not over tighten the wires to allow the timber to expand and contract.



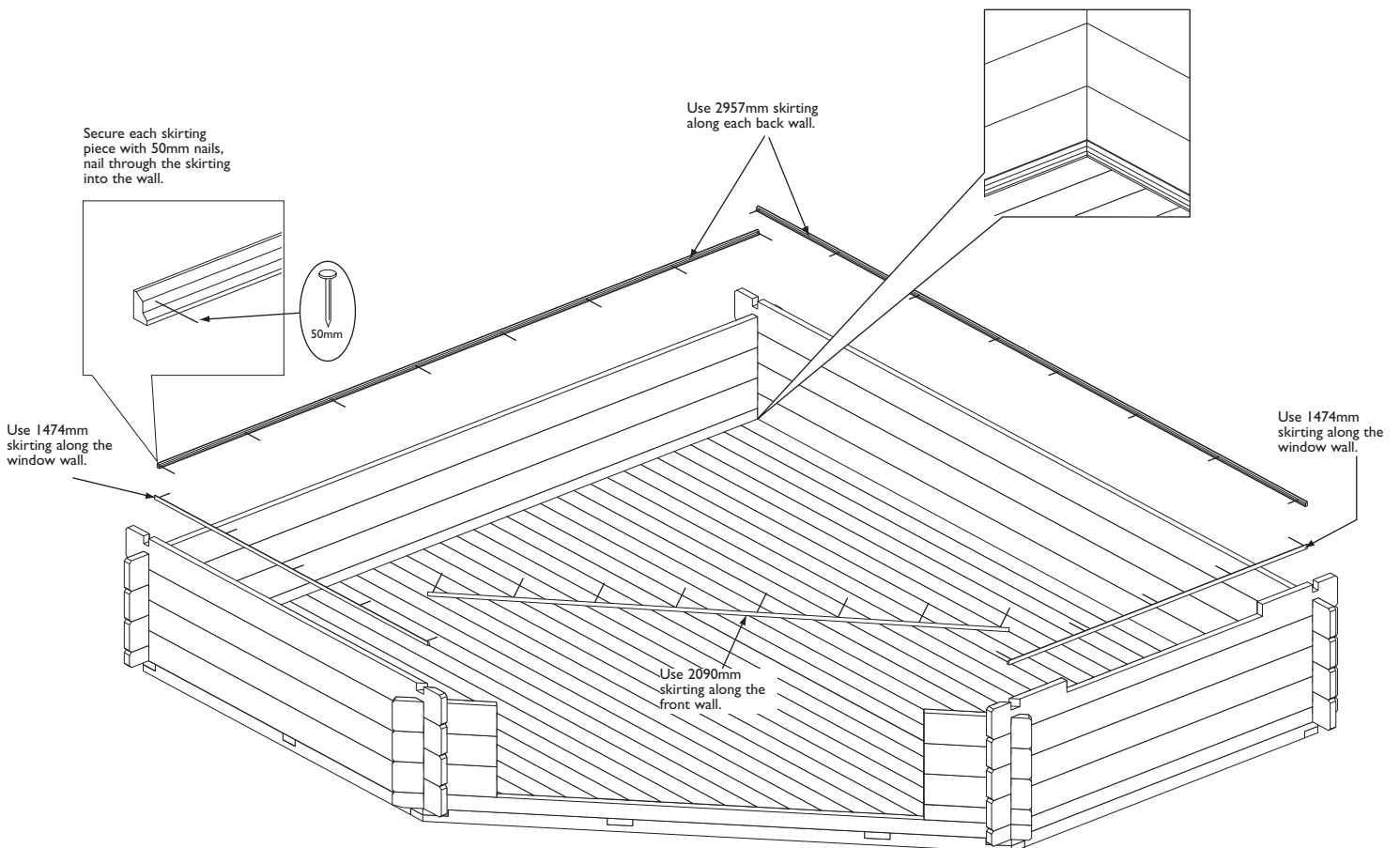
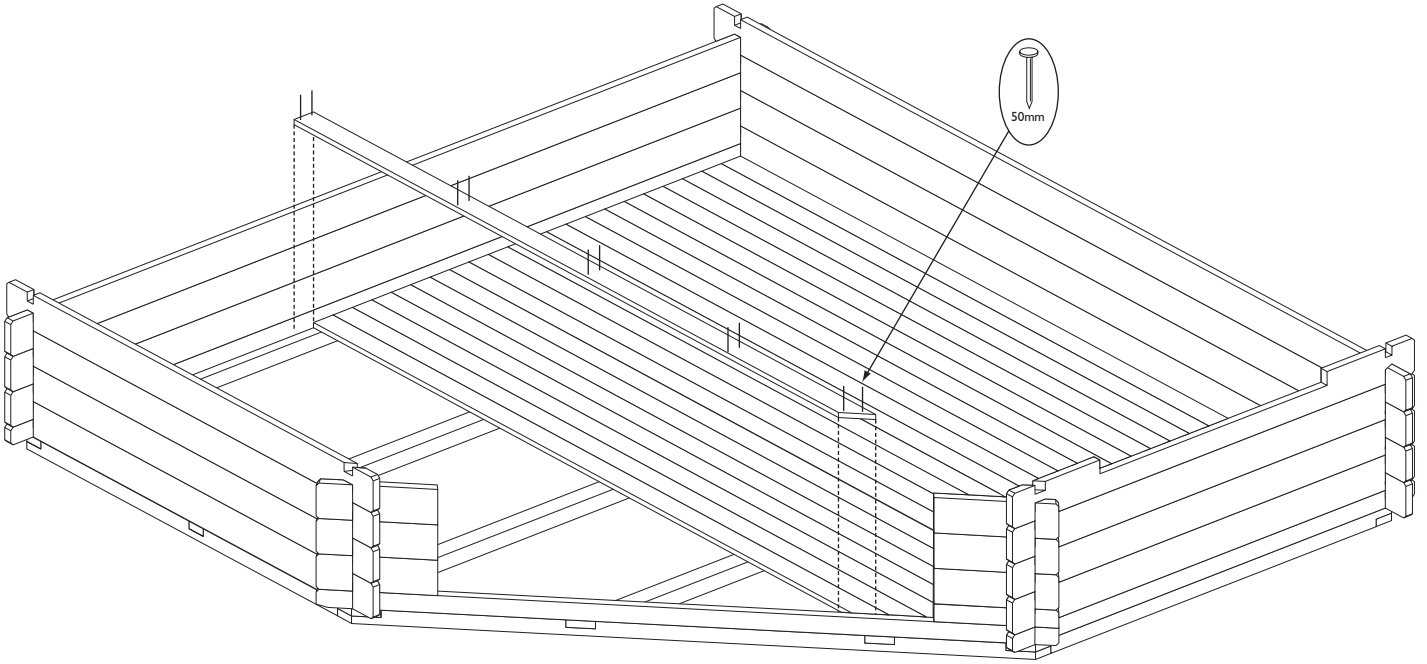
## 9. Roofing

It is recommended to lay the roof boards out on the floor to ensure correct orientation and position of each board. Start flush to the ends of the roof bearers and work your way forward interlocking the tongue and grooves of each board. Secure each board using 2 x 50mm nails where ever the board crosses a bearer. For the angled roof sections, each board is numbered to show which section of the roof it is used on. Take time to ensure that all the boards will fit together correctly.



## 10. Internal floor

Start with a floor board flush along the back right wall, nail into position with 2 x 50mm nails where ever the board crosses a floor joist. Continue to add the floor boards ensuring the tongue and groove of the boards are properly interlocked and are secured down with 2 x 50mm nails where ever the board crosses a floor joist. Round the edge of the floor attach the skirting. Use 8 x 50mm nails to attach the back wall pieces of skirting (2957mm). Nail through the skirting into the walls. Fit the window wall skirting (1474mm) in the same way using 5 x 50mm nails and the front wall (2090mm) using 8 x 50mm nails.



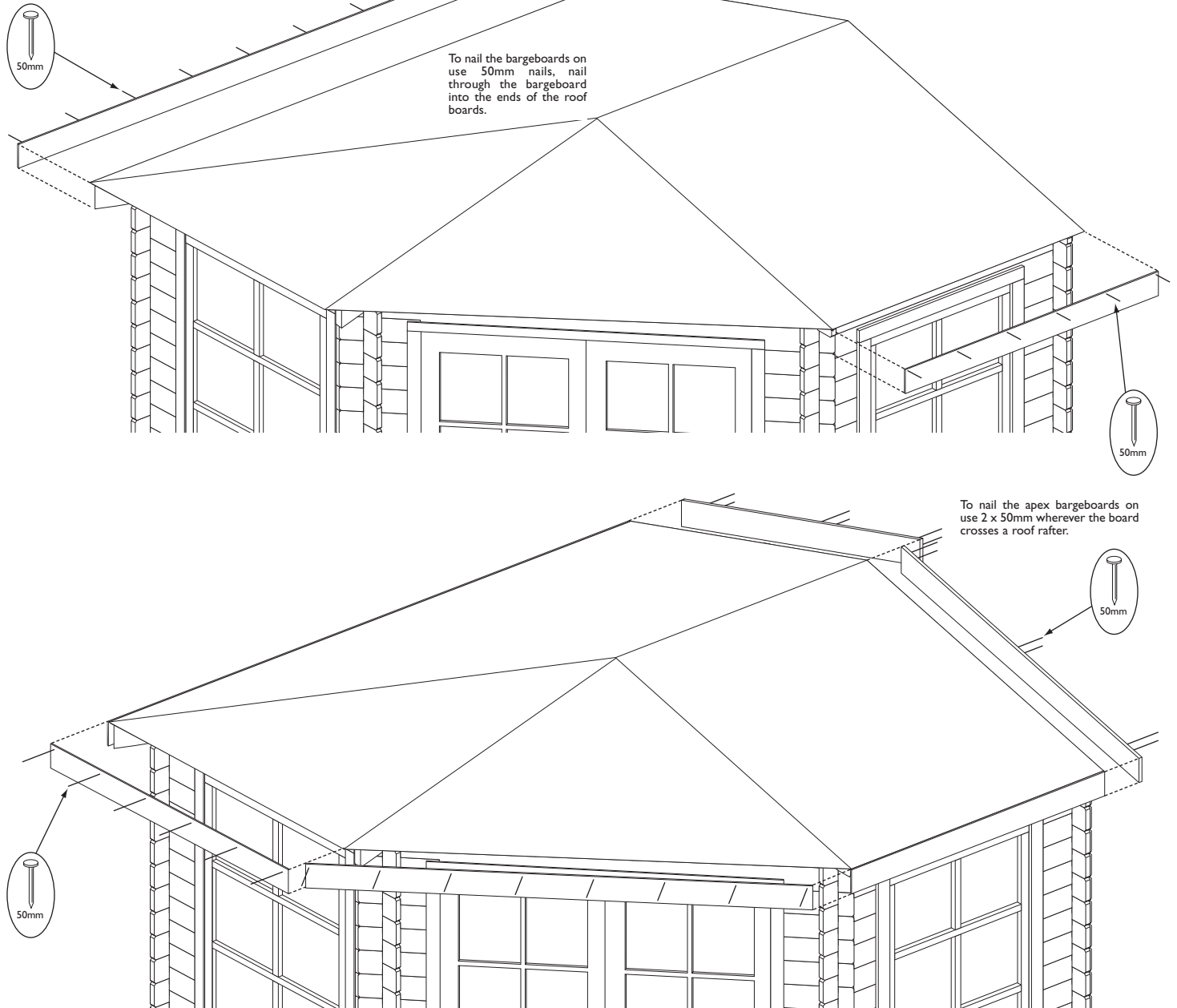


## 11. Bargeboards

Please ensure the roof covering has been fitted before starting this section. Along the left back wall position the 3220mm bargeboard flush to the roof edge and attach to the ends of the roof boards using 10 x 50mm nails. Secure in the same way the barge board for the right window side using only 6 x 50mm nails. Secure the bargeboards on the back right apex, ensure the top edge is flush with the roof line and the two boards meet evenly at the apex secure using 2 x 50mm nails into the ends of each roof rafter. To finish attach the left window wall bargeboard using 6 x 50mm nails and the front wall bargeboard using 8 x 50mm nails.

### Note:

Please ensure the roof covering has been fitted before starting this section.



## Important information

This building is supplied untreated. To **VALIDATE** the guarantee, the building must be properly treated with a recognised external wood preserver **UPON ASSEMBLY** and **RE-TREATED ANNUALLY** thereafter.

### Timber Information.

As timber is a natural material, there are certain weather conditions that may affect the materials properties. In times of excessive dry spells the material may lose some of its internal moisture causing a certain degree of shrinkage on a panel and in periods of excessive rain there will be a certain amount of swelling throughout the wooden panels. This process can not be avoided. If you have problems with certain boards shrinking in dry spells try to decrease the amount of direct sunlight on the building or the amount of air passing over the building. During hot spells spray water directly onto the panels with the aid of a garden hose.

If in doubt of any aspect regarding the assembly, use or safety of your building please contact us :

**Help Line (Normal Office Hours) 01829 261121**

ROWLINSON GARDEN PRODUCTS LIMITED

Unit 2 Green Lane  
Wardle Nr.Nantwich  
Cheshire  
CW5 6BN  
Tel : 01829 262080  
Fax : 01829 262089

We constantly improve the quality of our products, occasionally the components may differ from the components shown and are only correct at time of printing. We reserve the right to change the specification of our products without prior notice.

**2006 © Rowlinson Garden Products Ltd**