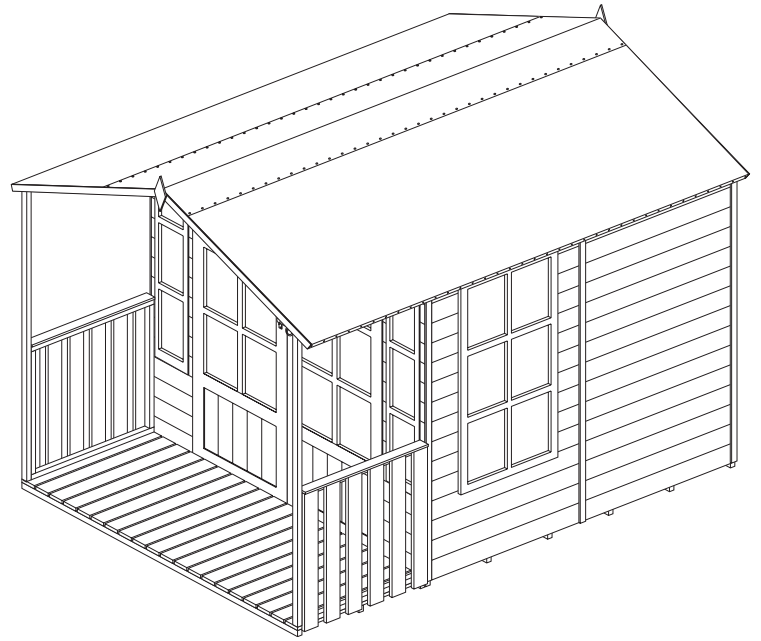## Before assembly

- 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 two 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.
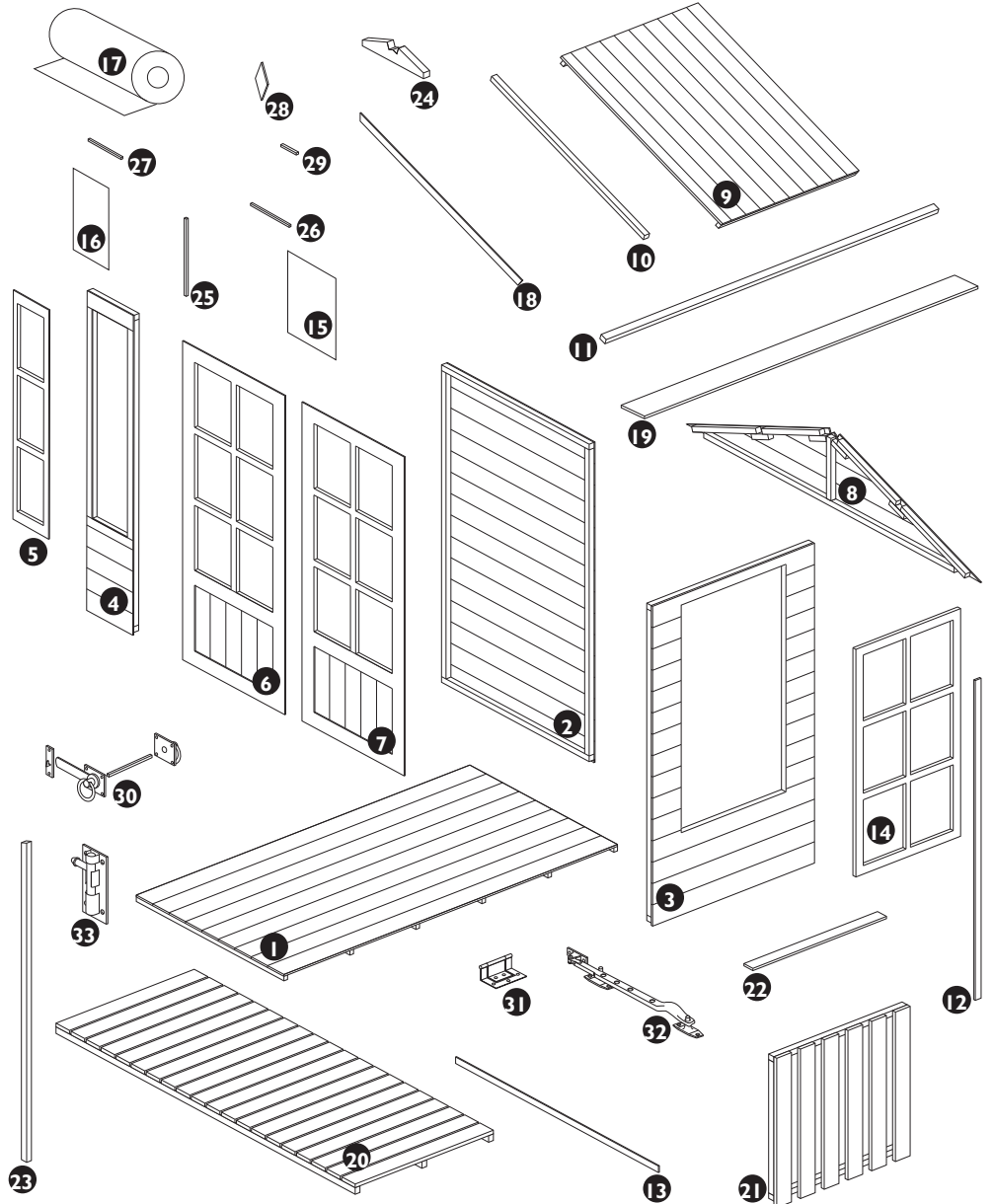- Drill components where indicated.

Recommended tools for assembly

- Cordless drill/screwdriver
- 2mm diameter drill bit
- 12mm diameter drill bit
- Hammer
- Sharp knife
- Hacksaw
- Spirit level
- Silicon sealant
- Step ladder

x 2

Gloves

Drill

⚠ Caution

This product contains glass. Wear protective work gloves while handling these components.

Dimensions:

Overall external:	Footprint:	Min. base area:
Height = 2220mm	Width = 1980mm	Width = 2080mm
Width = 2130mm	Depth = 2905mm	Depth = 3005mm
Depth = 3050mm		

No.	Components	Qty.
1	Floor sections	2
2	Plain wall panels	4
3	Window side panel	2
4	Front panel	2
5	Front window frame	2
6	Left door	1
7	Right door	1
8	Apex panels	2
9	Roof panel	6
10	Front/rear roof rafters (35 x 29 x 1070mm)	4
11	Roof purlins (36 x 29 x 2050mm)	4
12	Coverstrip (48 x 12 x 1690mm)	7
13	Kick strip (38 x 12 x 1360mm)	1
14	Side window frame	2
15	Glazing (370 x 264mm)	24
16	Glazing (190 x 370mm)	6
17	Roof felt roll (10m)	1
18	Bargeboards (48 x 12 x 1150mm)	4
19	Apex cover (110 x 12 x 1990mm)	1
20	Veranda floor	1
21	Veranda fence	2
22	Veranda fence hand rail	2
23	Veranda roof support uprights	2
24	Verandah roof gusset	1
25	Window beading (15 x 15 x 345mm)	60
26	Window beading (15 x 15 x 270mm)	48
27	Window beading (15 x 15 x 195mm)	12
28	Finial	2

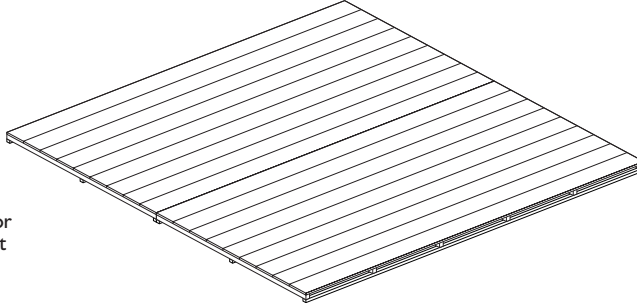| No.	Fixing Kit	Qty.
29	Door frame beading (10 x 10 x 100mm)	1
30	Latch door handle kit	1
31	Hinges	10
32	Window stay	2
33	Tower bolts	2
34	70mm screws	2
35	63mm screws	8
36	50mm screws	63
37	35mm screws	58
38	25mm screws	42
39	25mm black screws	12
40	20mm screws	8
41	19mm black round head screws	18
42	40mm nails	41
43	25mm panel pins	300
44	10mm felt nails	152

1. Floor

Prepare a level area for the summerhouse to sit. Attach three wooden or similar bearers of size 50 x 50 x 2050mm to each of the floor sections (not supplied in kit). Place the two sections in position butted up next to each other. Attach four wooden or similar bearers of size 50 x 50 x 840mm to the verandah floor.
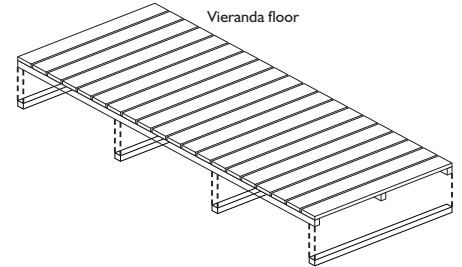
Important note

To **"VALIDATE"** the guarantee, adequate provision must be made to ensure ground contact is avoided and air is able to circulate underneath the building.

Placing the building on a concrete pad or slab base is acceptable provided that the building is not allowed to sit in pooled water during wet conditions.
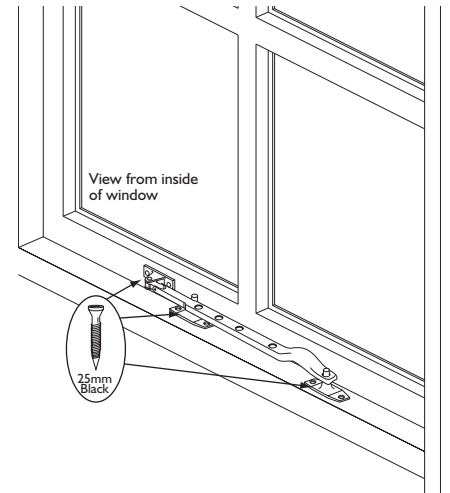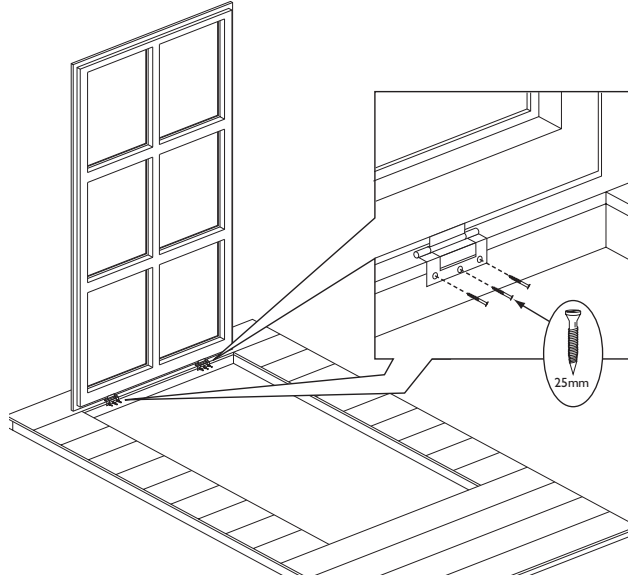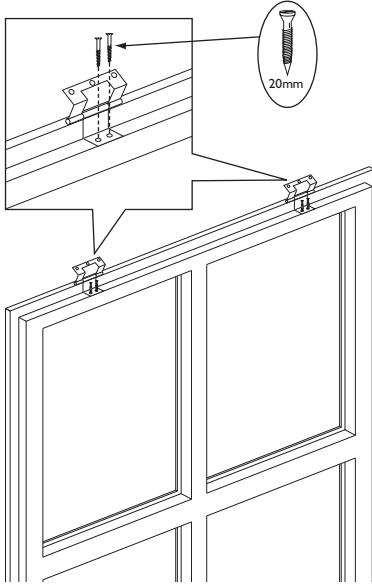
If the building is to sit on soil or grass it **MUST** be erected on pressure treated wooden 50mm x 50mm or similar bearers **(These are not supplied in the kit).**

Rowlinson Garden Products recommend using pressure treated bearers with all buildings on any type of base.

! Important

When laying the floor, it is important to note the T&G floor boards must run from the front of the building to the back.
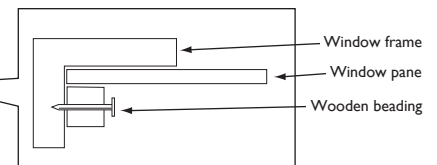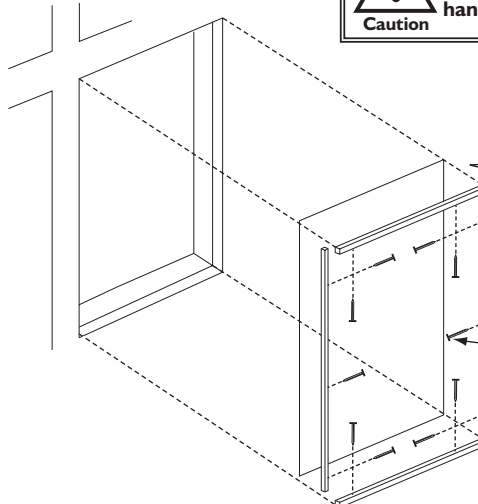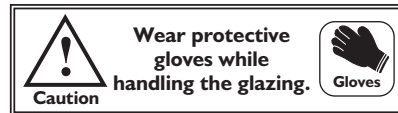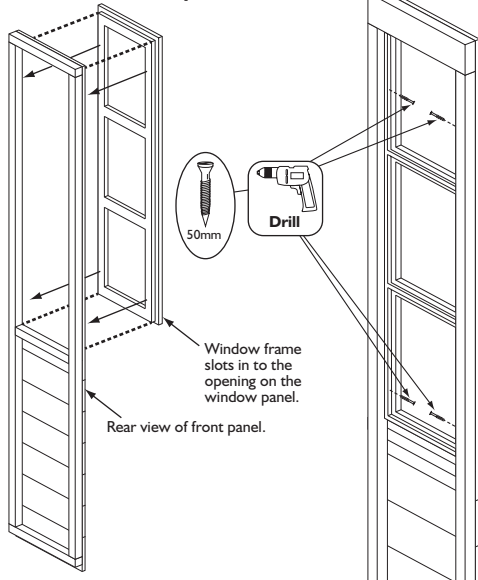
Vieranda floor

2. Fitting the windows

Lay the window panel on the floor. Fit two hinges in the rebates on the top of the window as shown in the diagram using 2 x 20mm screws per hinge, stand the hinge end of the window on the window panel, making sure it is centred at the top of the window opening. Open the hinges and secure them to the window frame using 3 x 25mm screws per hinge. On the inside of the window panel fit the window stay and its two posts using 6 x 25mm black screws as shown in the diagram.

20mm

25mm

View from inside of window

25mm Black

3. Window frames and glazing

Place a front window frame into the opening of each front panel. Drill four pilot holes on the inside of the frame as shown and secure the frame in place using 4 x50mm screws. Glazing the windows can be done once the building is assembled. However, it may be easier to install the glass whilst the panels are laid flat on the ground. Working on one panel at a time lay each door and window panel flat. Apply a very small bead of waterproof silicon sealant around each glazing rebate. Carefully place a window pane into each rebate. Secure each pane in place by pinning the window beading into position using 2 x 25mm panel pins per horizontal bead and 3 x 25mm panel pins per vertical bead. Repeat for each pane of glass for all windows and doors.

View from rear of panel

50mm

Drill

Window frame slots in to the opening on the window panel.

Rear view of front panel.

! Caution **Wear protective gloves while handling the glazing.** Gloves
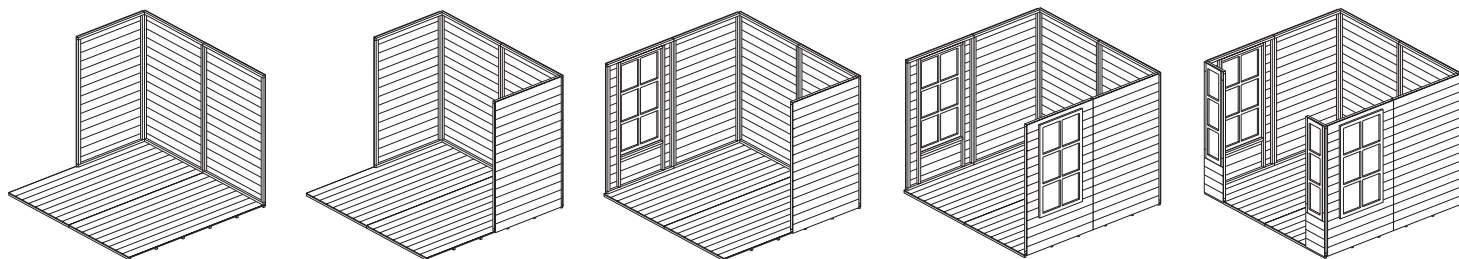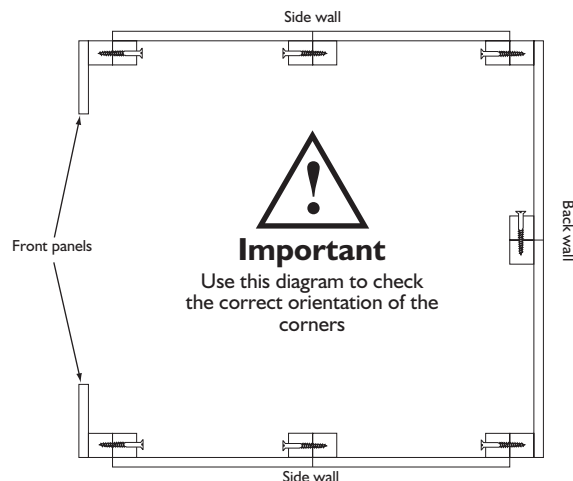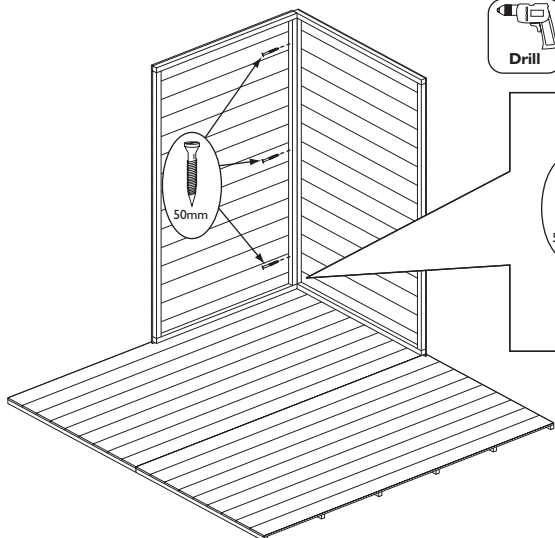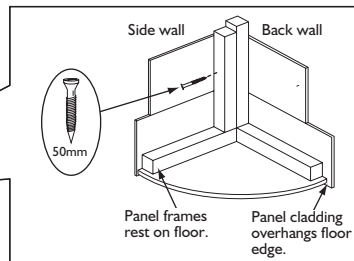
Window frame
Window pane
Wooden beading

3 x 25mm panel pins per vertical bead
2 x 25mm panel pins per horizontal bead.

25mm

4. Wall panels

Position two plain panels on the corner of the floor as shown. Note how the panel frames sit on the floor with the panel cladding overhanging the floor edge. Ensure square, secure the two panels together using 3 x 50mm screws. Screw through the frame of the side wall panel into the frame of the back wall panel. Place a third plain panel along the back wall, push it up against the other panel and with the two panels level secure together using 3 x 50mm screws, screw through the frame of the first panel into the frame of the second. Continue adding the rest of the panels following the diagrams below.

Drill It is recommended to drill pilot holes for these screws with a 2mm drill bit before assembly.

50mm

50mm

Side wall   Back wall

Panel frames rest on floor.

Panel cladding overhangs floor edge.

Side wall

Front panels

Back wall

!

Important
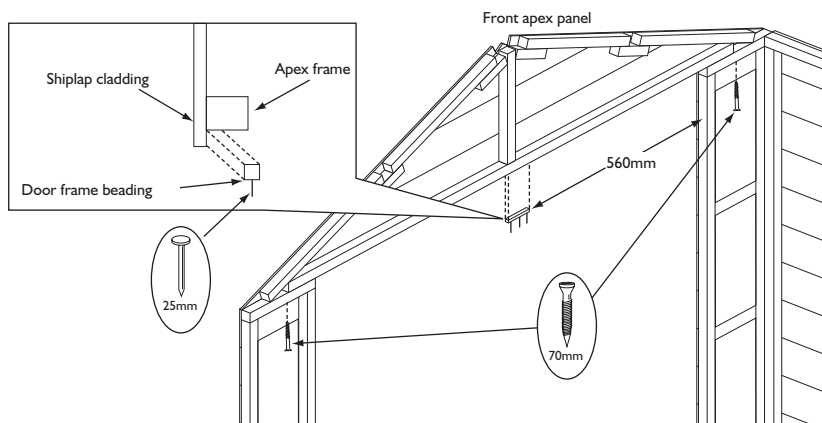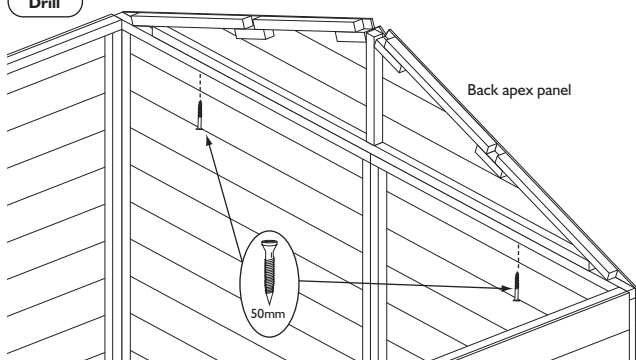Use this diagram to check the correct orientation of the corners

Side wall

5. Apex panels

Place an apex panel on top of the back wall, make sure the bottom shiplap board of the apex panel fits correctly into the shiplap board of the back wall. Secure using 2 x 50mm screws, screw up through the top frame of the back wall into the bottom frame of the apex panel. Fit the front apex in the same way using 2 x 70mm screws. Attach to the front apex the door frame beading using 3 x 25mm panel pins. Secure it to the bottom of the framing, up against the cladding 560mm from the left-hand front panel as shown below.
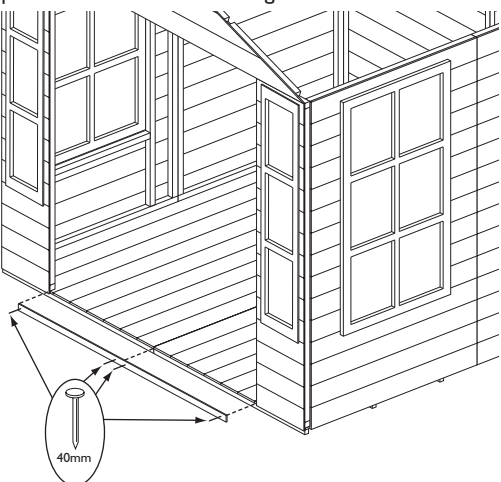
Drill It is recommended to drill pilot holes for these screws with a 2mm drill bit before assembly.

Back apex panel

50mm

Front apex panel

Shiplap cladding   Apex frame

Door frame beading
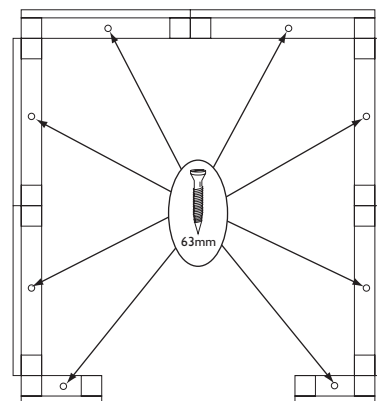
560mm

25mm

70mm

6. Securing walls to floor
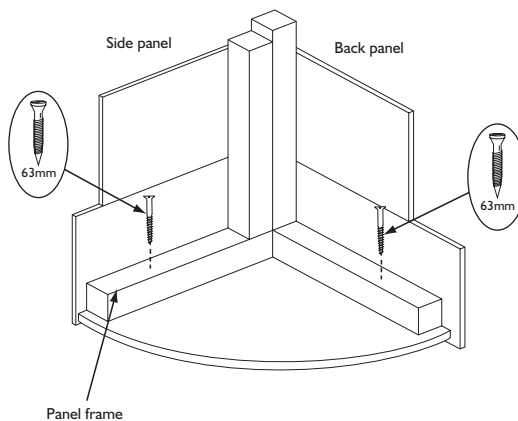
Fit the kick strip centrally to the bottom of the door opening using 4 x 40mm nails. Ensure the panels are sitting square on the floor. Secure them by screwing through the panel frames into the floor using 8 x 63mm screws.
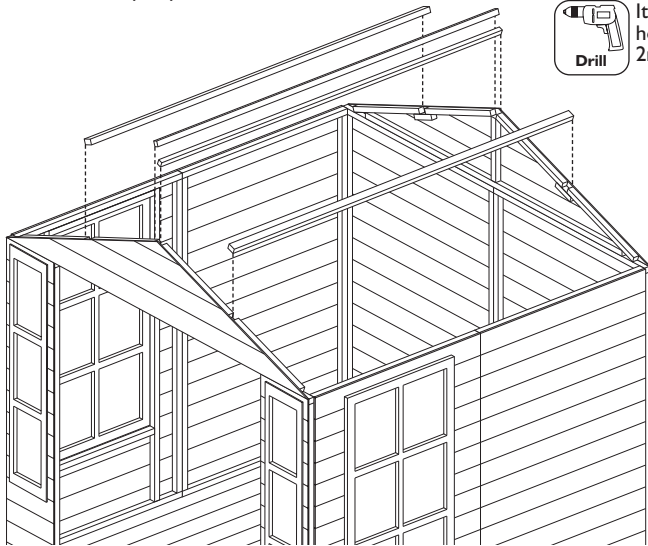
Drill It is recommended to drill pilot holes for these screws with a 2mm drill bit before assembly.

40mm

Side panel   Back panel
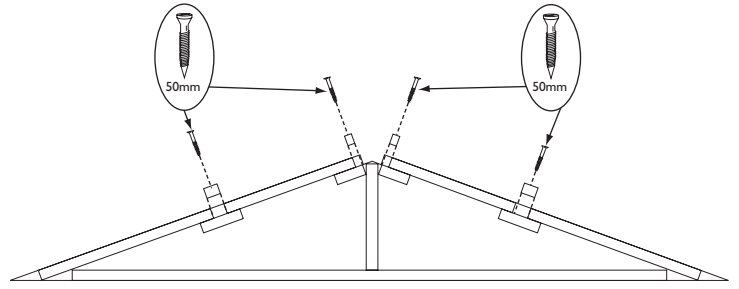
63mm

63mm

Panel frame

63mm

7. Roof purlins

Insert the four roof purlin into the rebates in the apex sections. Fix in place at the ends of the purlin, using 2 x 50mm screws per purlin. Screw through the purlin and into the frame of the apex panels.
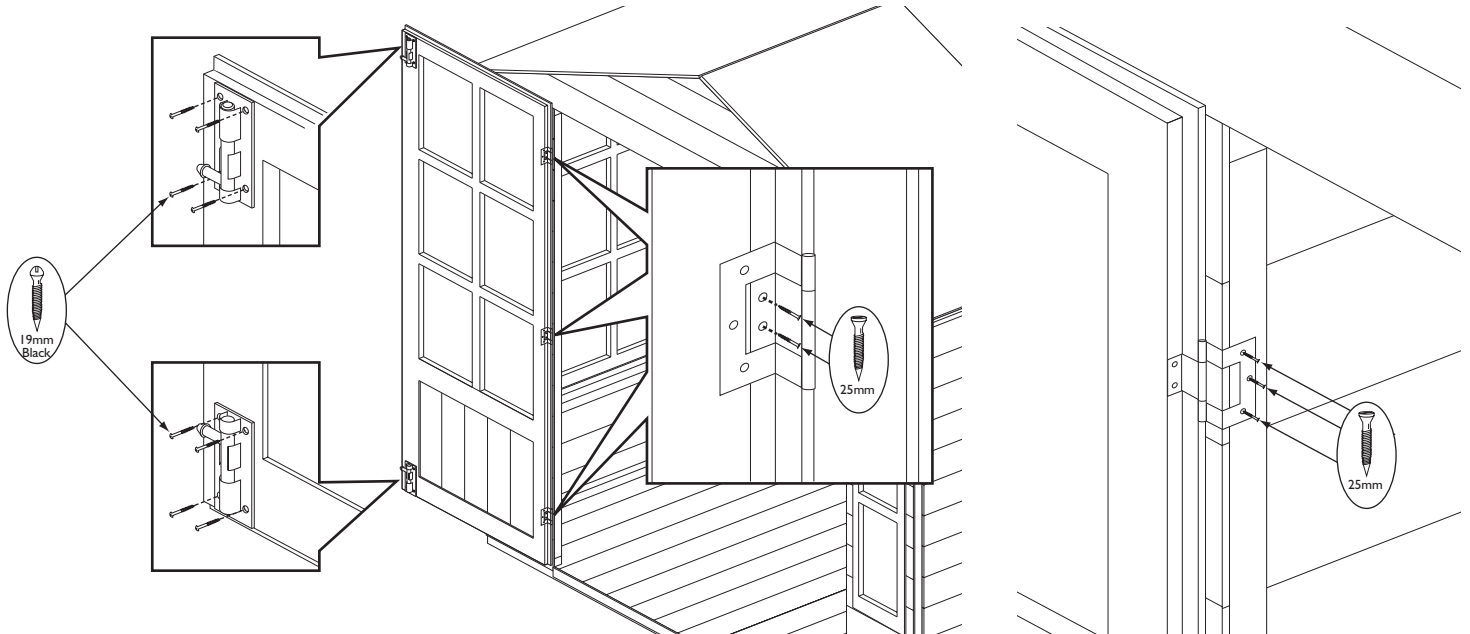
Drill It is recommended to drill pilot holes for these screws with a 2mm drill bit before assembly.

50mm   50mm

8. Hanging the doors

Fit three hinges to the long rebated edge of each door. Position them 150mm from the ends and one centrally between the other two. Attach each hinge using 2 x 25mm screws per hinge. Open the hinges and fit them around the door frame, adjust the door to the correct height and fix the hinges to the door frame using 3 x 25mm screws per hinge. Attach the tower bolts to the inside of the left door using 4 x 19mm black round head screws per bolt.

19mm Black   25mm   25mm

9. Veranda

Lay the veranda floor butted centrally up against the front of the building. Position a veranda fence at each end with the fence frames sitting on the veranda floor and the railings overhanging the floor edge. Secure the fence to the front of the building using 3 x 50mm screws. Use 3 x 50mm screws to attach each fence to the floor. Fix a veranda roof support to the end of each fence using 3 x 50mm screws per support, ensure the angled end of the support is at the top and is angled in the same direction as the roof. Place a hand rail on top of each fence and secure down using 3 x 35mm screws.

Drill It is recommended to drill pilot holes for all screws in this section with a 2mm drill bit.

50mm   35mm   50mm

10. Roof

Lift three roof panels on to each side of the roof, hooking the roof batten over the upper roof purlin. Ensure the panels at the back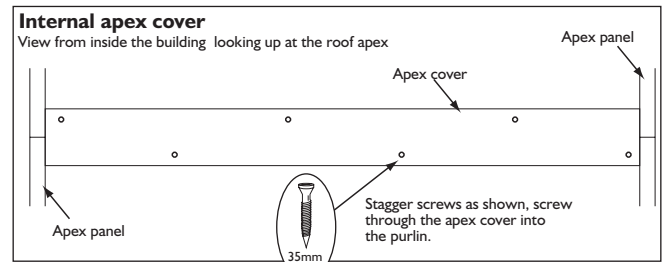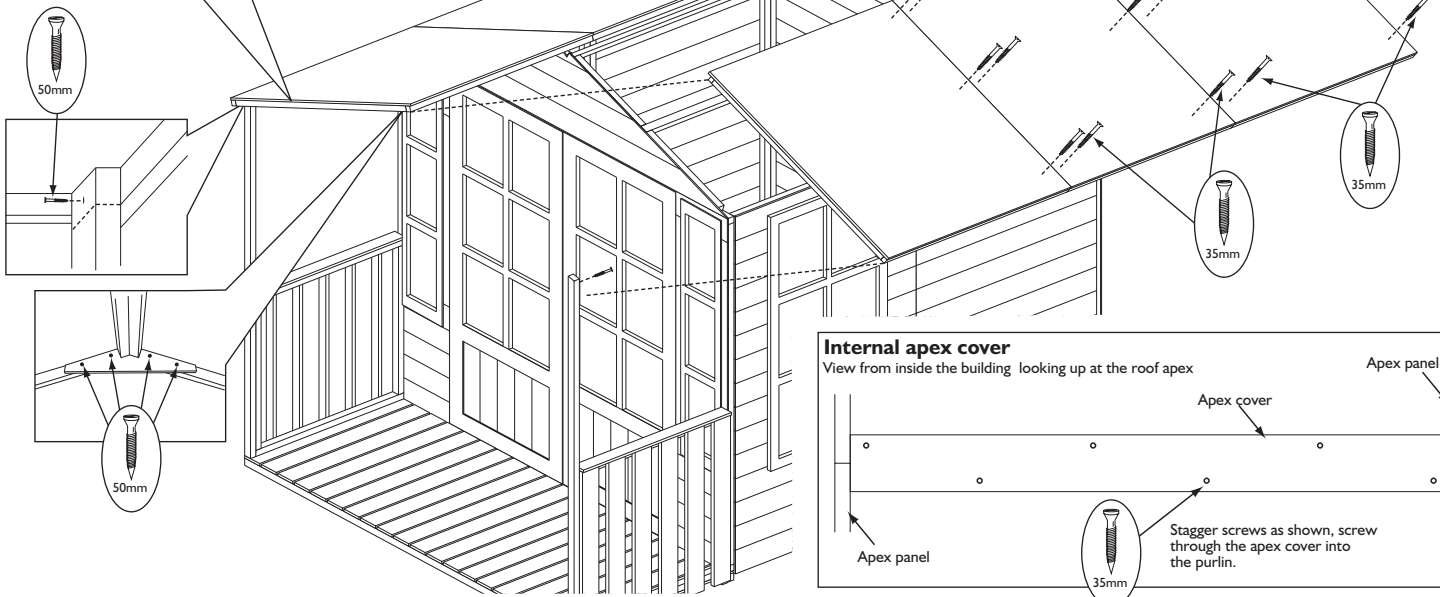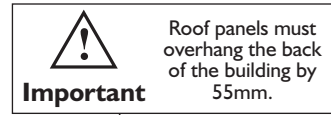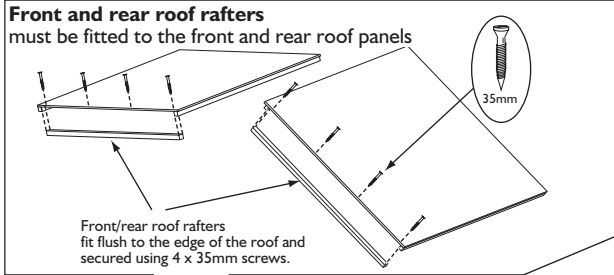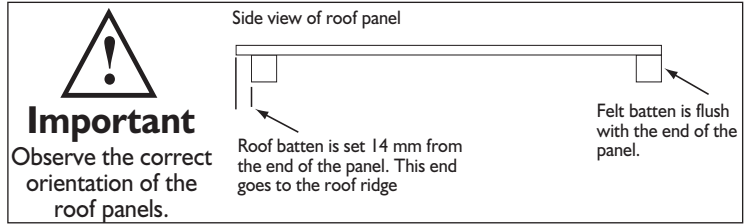 of the building overhang the end of the building by 55mm. Secure the rear panels and middle panels using 6 x 35mm screws per panel. Screw through the roof panel into the purlins and top frame of the wall panels. For the front panel secure to the building using 3 x 35mm screws, screws through the panel into the top frame of the front apex. To the front and rear roof panels fit the front and rear roof rafters. Position between the pre-fitted batten and purlin. Ensure flush with the edge of the roof panel and fix in place using 4 x 35mm per rafter. Secure the veranda roof supports using 1 x 50mm screw per support, screw through the support into the roof rafter, ensuring the support is vertical using a spirit level. Fit the veranda roof gusset on the inside of the front roof rafters. Attach the gusset using 4 x 50mm screws, screw through the gusset into the roof rafters. Inside the building fit the apex cover to the two centre purlins using 6 x 35mm screw-s.
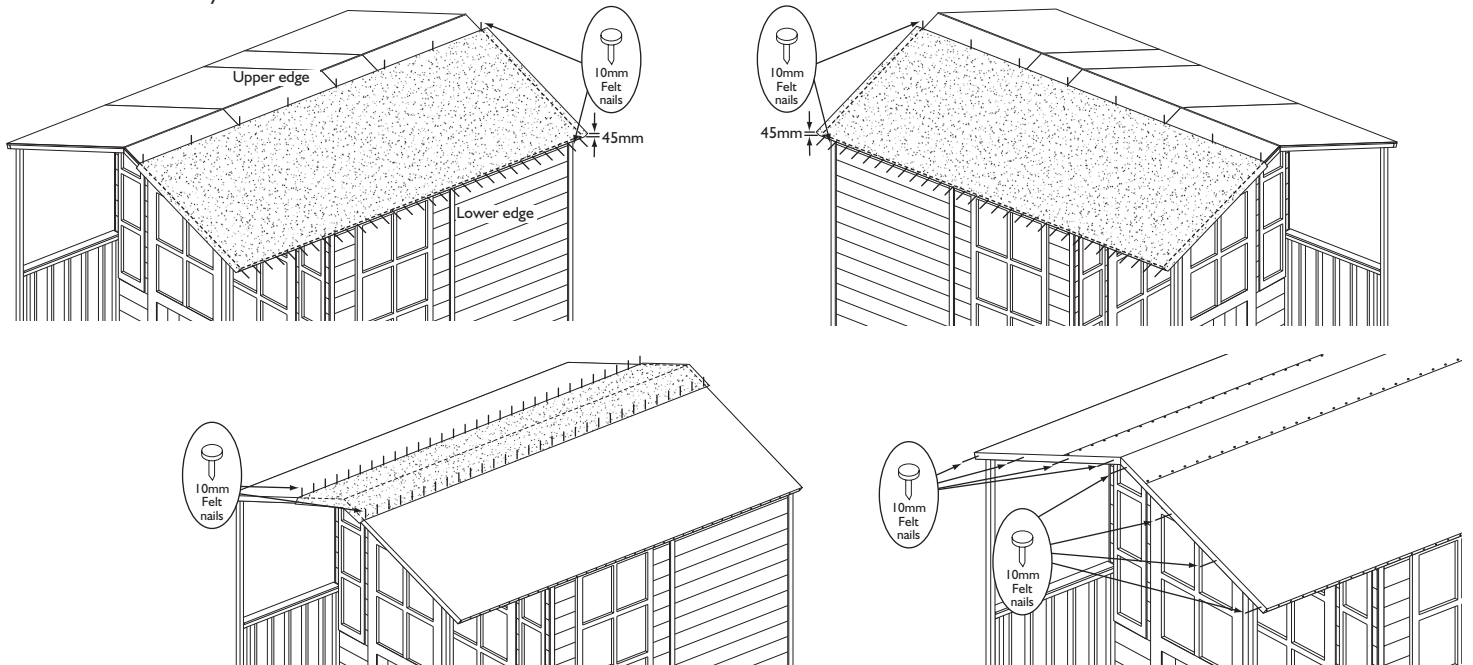
Drill It is recommended to drill pilot holes for all screws in this section with a 2mm drill bit.

! **Important**
Observe the correct orientation of the roof panels.

Side view of roof panel

Roof batten is set 14 mm from the end of the panel. This end goes to the roof ridge

Felt batten is flush with the end of the panel.

! **Important**
Roof panels must overhang the back of the building by 55mm.

Front and rear roof rafters
must be fitted to the front and rear roof panels

35mm

Front/rear roof rafters fit flush to the edge of the roof and secured using 4 x 35mm screws.

50mm

50mm

35mm

35mm

35mm

Internal apex cover
View from inside the building looking up at the roof apex

Apex panel

Apex cover

Apex panel

35mm

Stagger screws as shown, screw through the apex cover into the purlin.
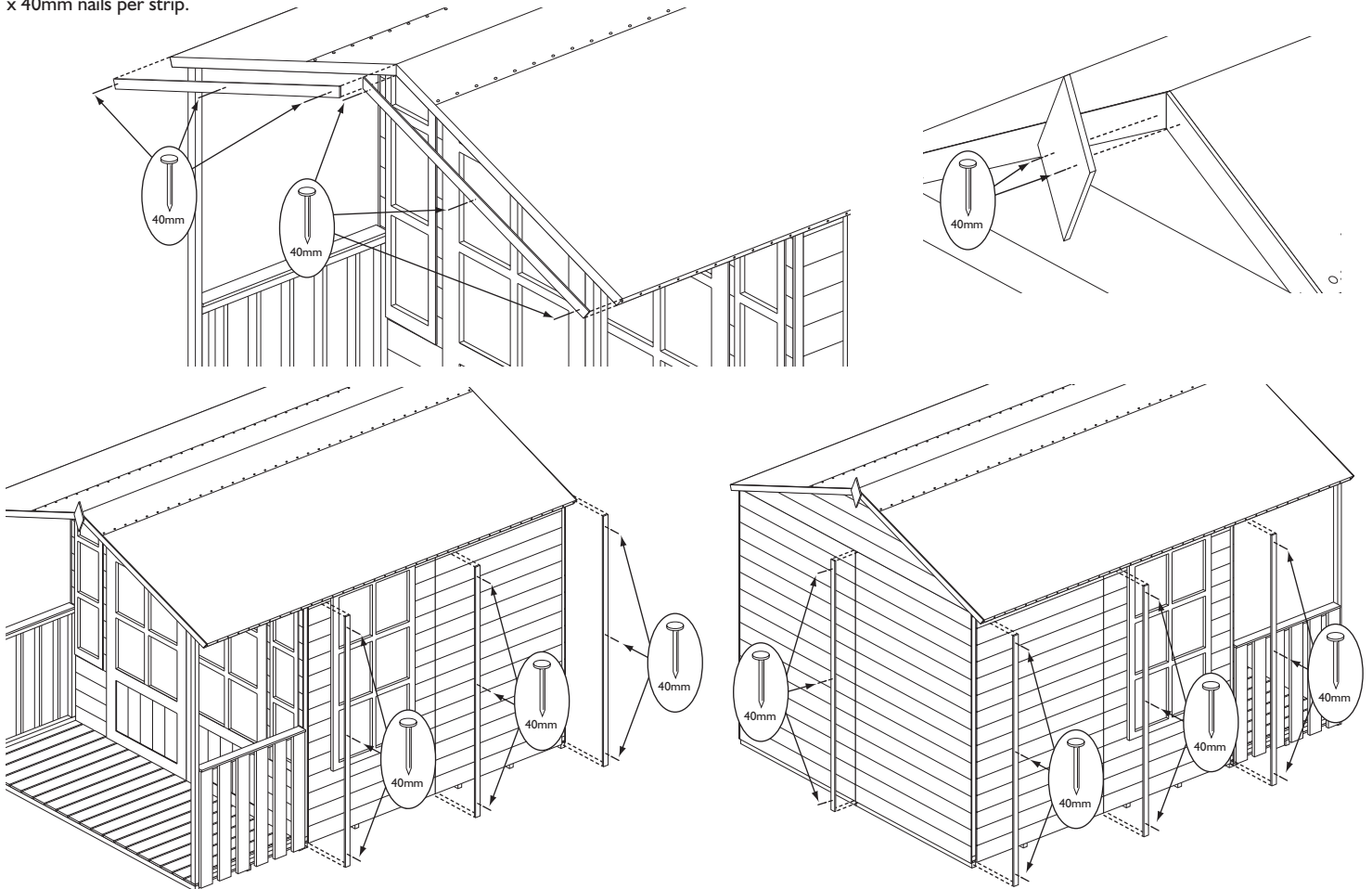
11. Roofing felt

Cut the roofing felt roll into three equal lengths. Place a length over half of the roof. At the front and along the lower edge of the roof leave an overhang of felt of at least 45mm. Fold down the felt along the lower edge and secure to the felt batten using 30 x 10mm felt nails evenly spaced. Tension the felt over the roof and secure along the upper edge using 8 x 10mm felt nails. Repeat this for the second piece of felt on the other half of the roof. Once the two pieces of felt are in place take the third piece of felt and place over the apex of the roof making sure it sits centrally over the roof ridge and overlaps the other two felt pieces, attach using 30 x 10mm felt nails evenly spaced along the two long edges of the ridge felt. Dress down the ends of the felt and at the front and back of the building attach to the roof panel framing with 8 x 10mm felt nails. Once secured trim off any excess felt.

Upper edge

10mm Felt nails

45mm

Lower edge

10mm Felt nails

45mm

10mm Felt nails
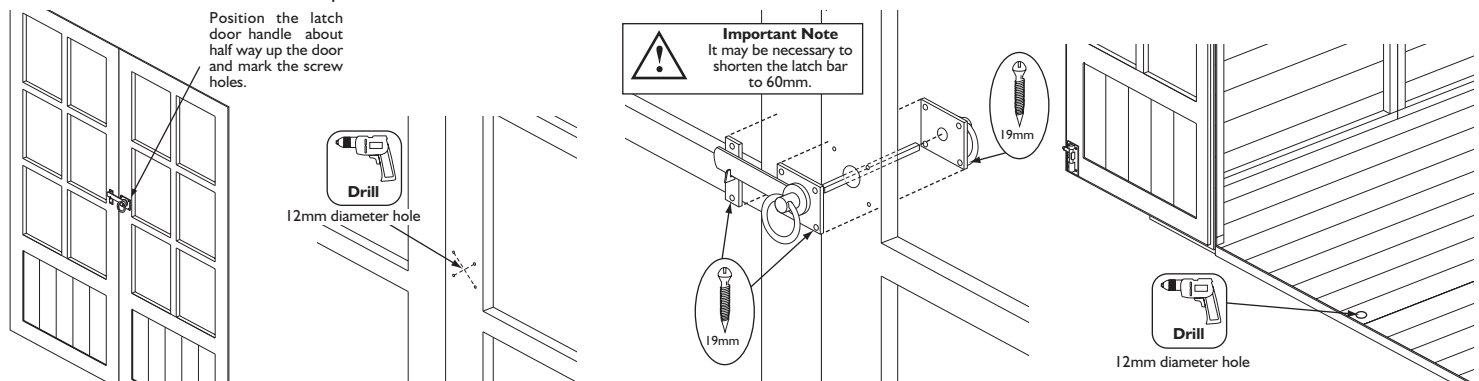
10mm Felt nails

10mm Felt nails

12. Bargeboards, finials and coverstrips

At the front and rear of the building attach two bargeboards. Have the top edges flush with the roof line and the two boards meeting in the middle at the apex of the roof secure using 3 x 40mm nails per board. Fit a finial centrally over the join between the bargeboards use 2 x 40mm nails per finial. Fit a Coverstrips into each corner of the wall panels, attach using 3 x 40mm nails per strip. The remaining three coverstrips are used to cover the panel joins, one on each side and one on the back, attach using 3 x 40mm nails per strip.

13. Latch door handle

Position the Latch door handle about half way up the door as shown in diagram. Mark the position of the holes on the door. Remove the latch and draw two lines connecting opposite corners, drill a 12mm diameter hole where the two lines cross. Put the latch bar in the hole on the back of the latch, then reposition the latch (putting the bar through the drilled hole) and attach using 4 x 19mm black screws. On the other side of the door fit the inside door handle to the bar and then using 4 x 19mm black screws attach the handle to the door. On the front of the other door position the latch holder so that it holds the latch horizontal. Once in position attach to the door with 2 x 19mm black screws. With the doors shut, drop the lower tower bolt and mark where it touches the floor. Drill a 12mm hole in the floor for the bolt to fit in.

Position the latch door handle about half way up the door and mark the screw holes.

Drill
12mm diameter hole

Important Note
It may be necessary to shorten the latch bar to 60mm.

19mm

19mm

Drill
12mm diameter hole

Important information

Shiplap buildings come ready stained but this is only a preparatory treatment. To **VALIDATE** the guarantee, the building must be properly treated with a recognised external wood preserver **WITHIN 3 MONTHS** of assembly and **RE-TREATED ANNUALLY** thereafter. The building must also be erected on 75mm x 50mm treated wooden or similar bearers (These are not supplied with the kit.) Ground contact must be avoided.

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 summerhouse please contact us :

Help Line: (Normal Office Hours) 01829 261 121

Email: support@rowgar.co.uk

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.