

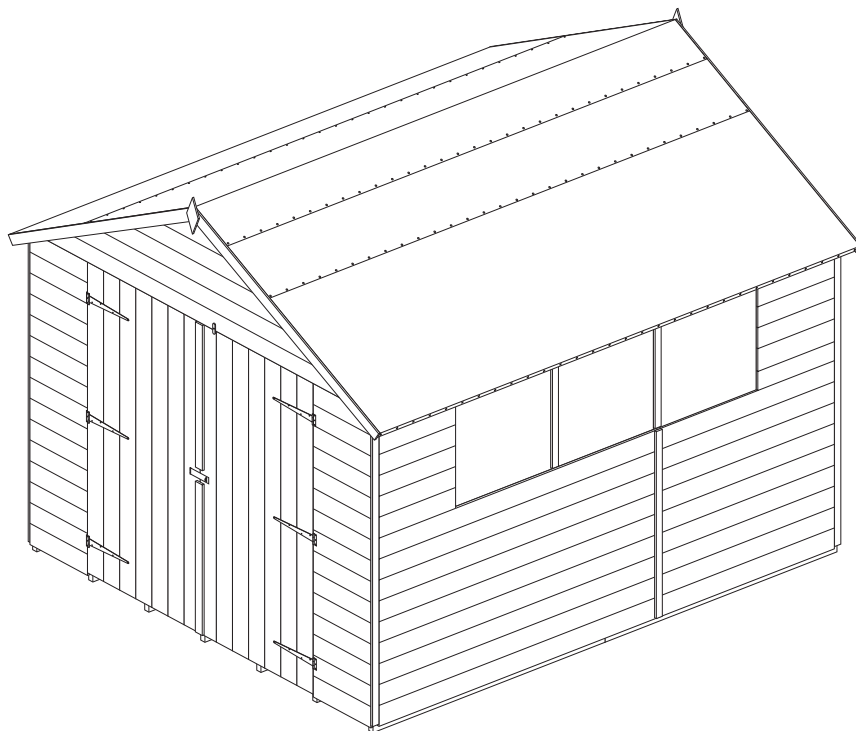
### Before assembly

- 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.
- Never attempt to erect the assembly in high winds.
- Drill components where indicated.



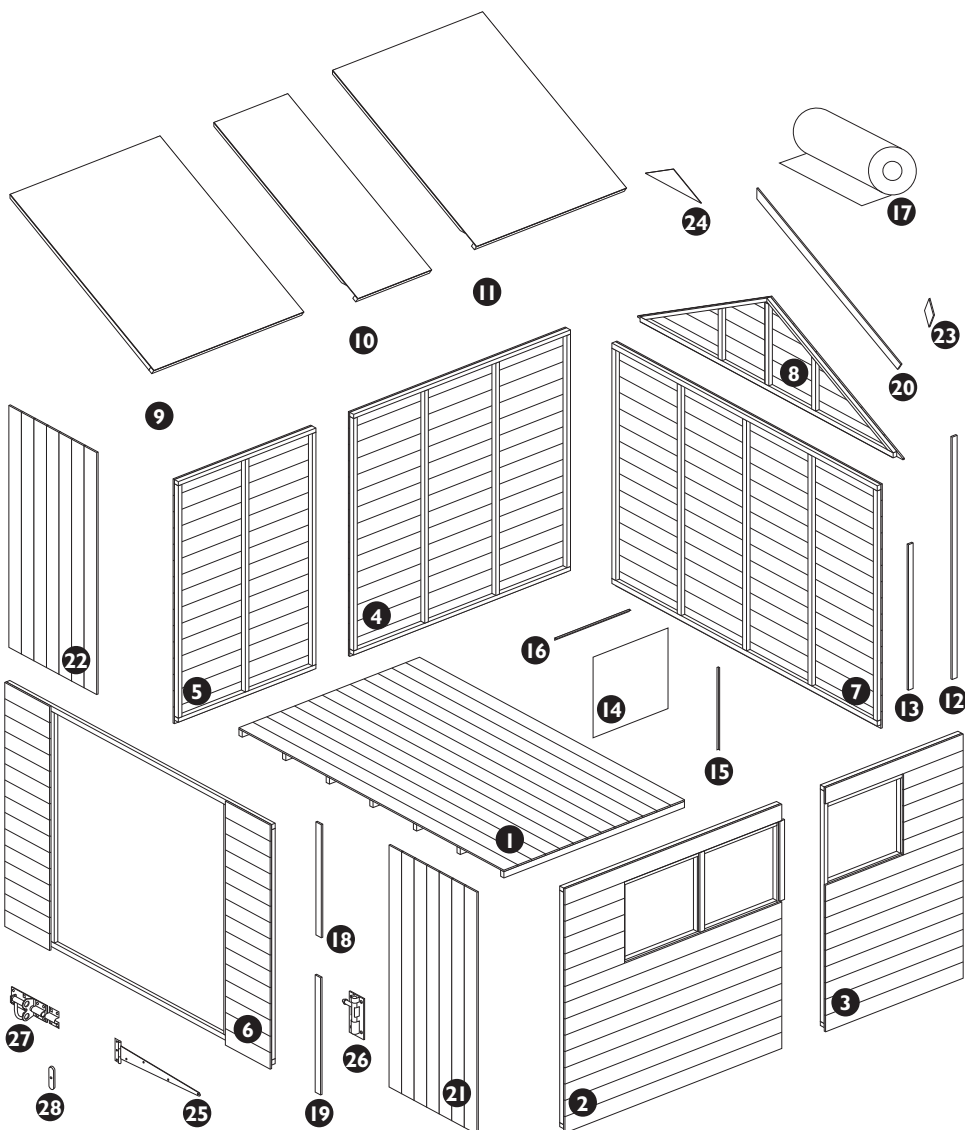
### Recommended tools for assembly

- Cross head screw driver
- Hammer
- Sharp knife
- Drill
- 3mm diameter drill bit
- Spirit level
- Silicon sealant
- Step ladder



No.	Components	Qty.
1	Floor sections	2
2	Large window side panel	1
3	Small window side panel	1
4	Large plain side panel	1
5	Small plain side panel	1
6	Door end panel	1
7	Plain end panel	1
8	Apex panels	2
9	Right-hand roof panel	2
10	Small roof panels	2
11	Left-hand roof panel	2
12	Coverstrips (12 x 40 x 1715mm)	5
13	Short coverstrip (12 x 40 x 1030mm)	1
14	Acrylic windows (610 x 565mm)	3
15	Wooden window beading (Length=560mm)	6
16	Wooden window beading (Length=610mm)	3
17	Felt roll (4m)	4
18	Door weather strip (12 x 48 x 800mm)	1
19	Door weather strip (12 x 48 x 830mm)	1
20	Bargeboards	4
21	Right-hand door (tower bolt blocks)	1
22	Left-hand door	1
23	Finials	2
24	Roof gussets	8

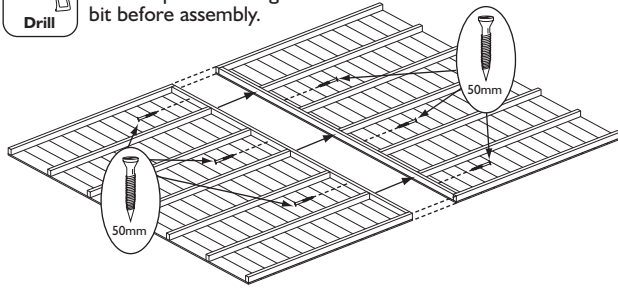
No.	Fixing Kit	Qty.
25	T-hinges	6
26	Tower bolts	2
27	Pad bolt	1
28	Turn button	1
29	50mm coach bolt	4
30	6mm washers	4
31	6mm Nuts	4
32	63mm screws	26
33	50mm screws	50
34	38mm screws	98
35	32mm screws	42
36	20mm screws	13
37	19mm round head screws	12
38	25mm nails	27
39	10mm Felt nails	200



## 1. Floor



It is recommended to drill pilot holes in the side panel framing with a 3mm drill bit before assembly.



### 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.

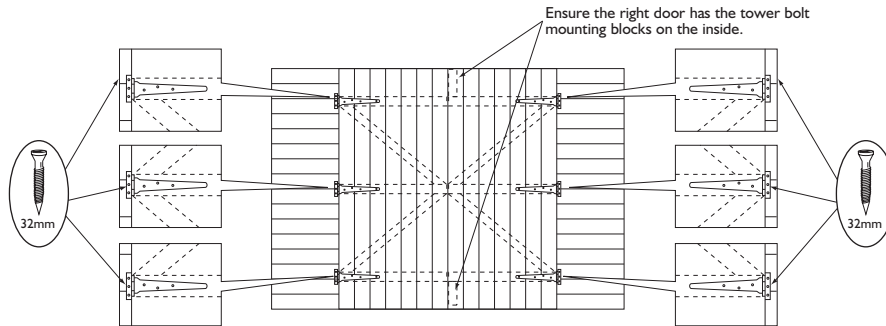
Placing the building on a concrete pad or slab base is acceptable provided that the building is not allowed to sit in pooled water during wet conditions.

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.

## 2. Fixing the wall panels together

Lay the door end panel on the ground, position the doors in the opening and secure each door in place with three T-hinges and 7 x 32mm screws per hinge as shown below.

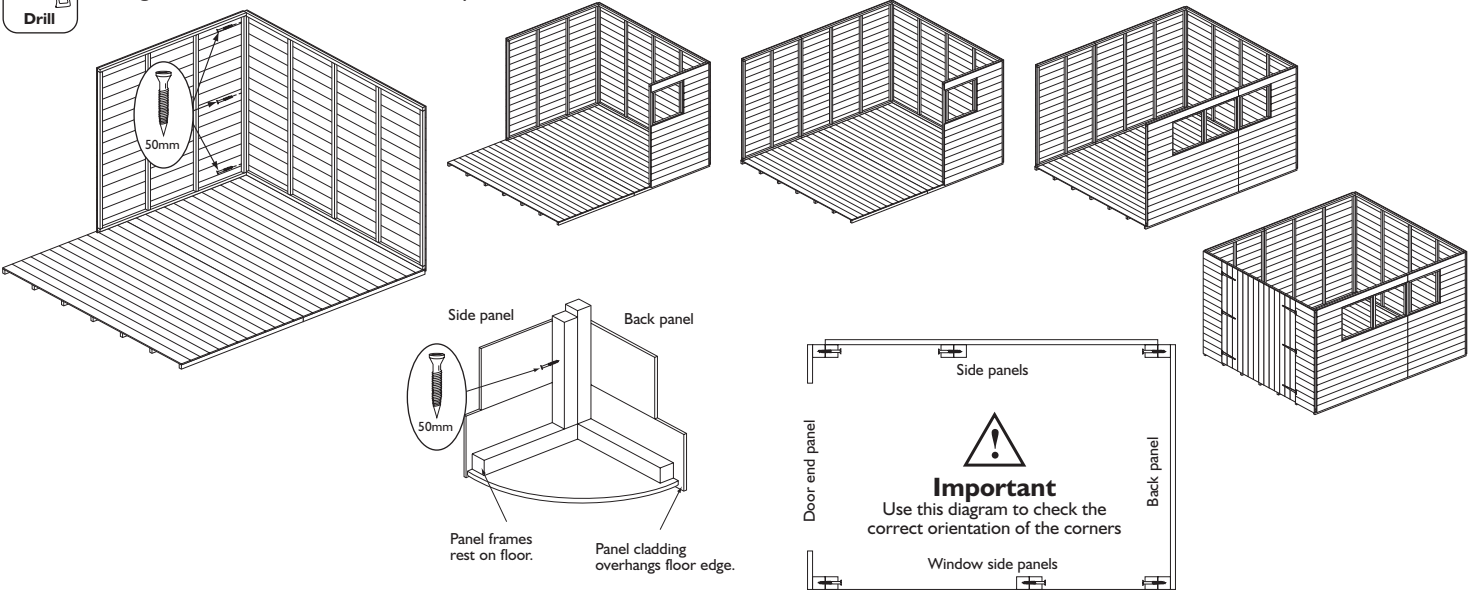


### 3. Fixing the wall panels together

Position the back panel and the large side panel on the floor as shown. Note how the panel frames sit on the floor with the panel cladding overhanging the floor edge. Ensure square and secure using 3 x 50mm screws, screw through the side panel into the frame of the back panel. In the same way attach the small window panel to the other end of the back panel as shown. Place the small plain side panel next to the large plain side panel, ensure level and secure them together using 3 x 50mm screws through the frame of the small panel into the frame of the large panel. Attach the large window panel to the small window panel in the same way. Add the remaining door end panel to the front and secure in the same way as the back panel.



It is recommended to drill pilot holes in the side panel framing with a 3mm drill bit before assembly.

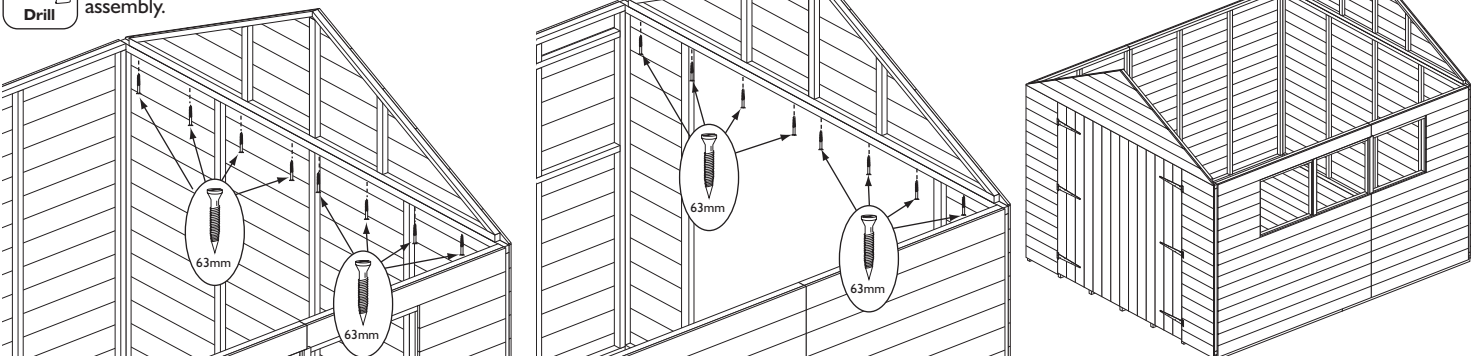


#### 4. Attaching apex panels

Place an apex panel on top of the back panel, make sure the bottom shiplap board of the apex panel fits correctly into the top Shiplap board of the back panel. Secure by using 8 x 63mm screws, screw up through the top frame of the back panel into the bottom frame of the apex panel. Repeat for front apex panel.

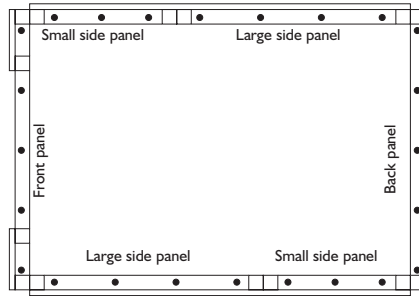
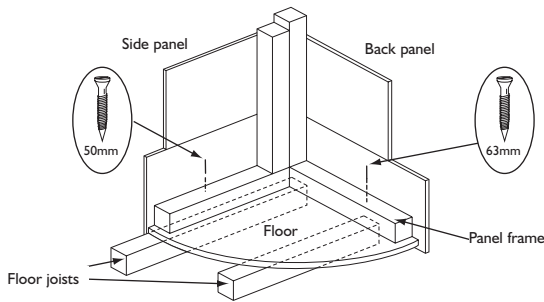


It is recommended to drill pilot holes in the front and back panel framing with a 3mm drill bit before assembly.



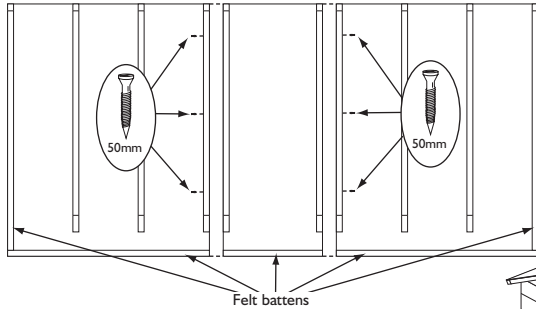
## 5. Securing the walls to the floor

Ensure the panels are sitting square on the floor. For the front and back panels secure using 5 x 63mm screws per panel, screw through the panel frames and floor into the floor joists. For the side panels secure in the same way using 3 x 50 mm screws per for the small panels and 4 x 50mm screws for the large panels.

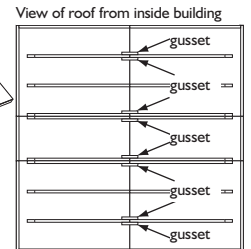
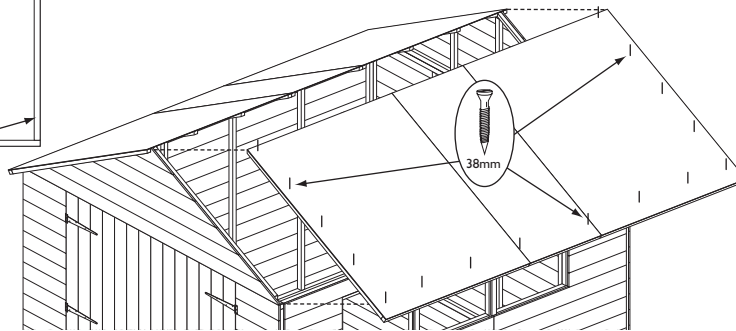
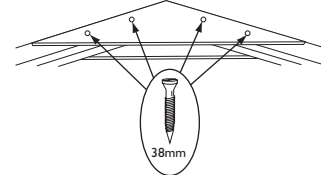


## 6. Roof assembly

As shown below construct a roof section using a left and a right hand roof panel and one small roof panels, screw together using 3 x 50mm screws for each of the two joins. Assemble a second roof section in the same way. Lift the roof sections into place, Ensure the upper edge of both roof sections meet evenly at the apex. Screw the roof down using 16 x 38mm screws per roof section, screw through the roof panel into the framing of the apex panels and the side panels as shown. From inside the building fix the gussets to the rafters as shown using 4 x 38mm screws per gusset.

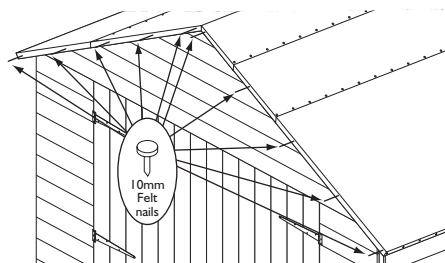
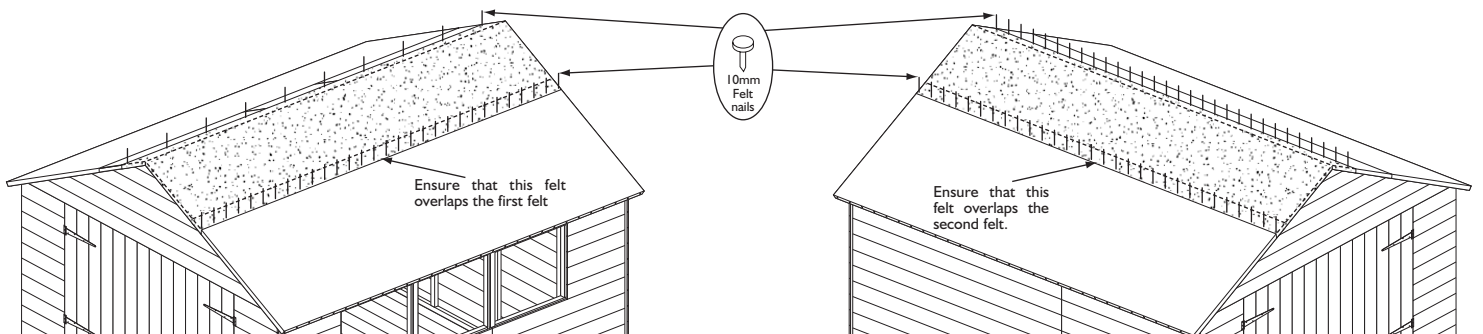
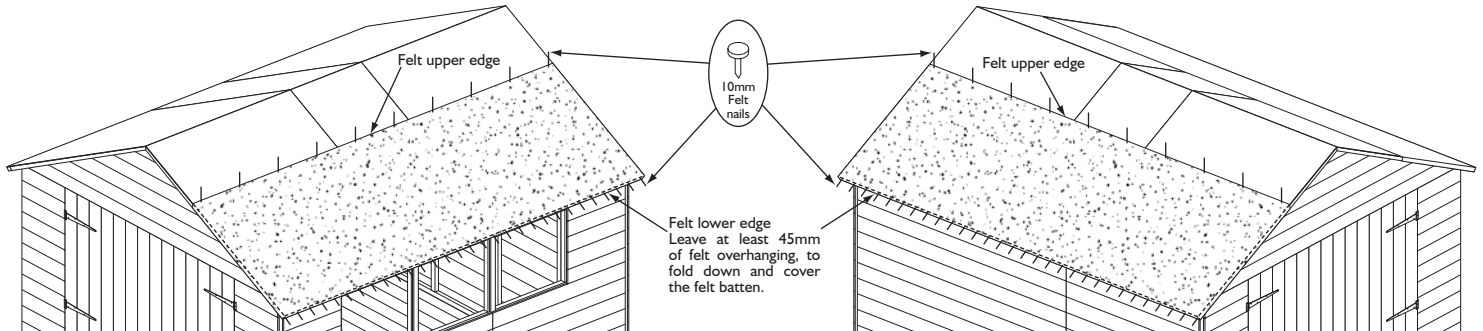


It is recommended to drill pilot holes in the roof panel framing with a 3mm drill bit before assembly.



## 7. Felt covering

Unroll a length of roof felt and place over 1 side of the roof. Have equal overhang at the front and back of the shed and an overhang of about 45mm along the lower edge. 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 10 x 10mm felt nails. Repeat this with a second piece of felt on the other side of the roof. Unroll and place a third piece of felt so that it over laps the first and also folds over the roof ridge. Fix the edge overlapping the first felt piece using 30 x 10mm felt nails evenly spaced, tension the felt and attach the side over the roof ridge using 10 x 10mm felt nails evenly spaced. Position the fourth felt piece in the same way on the other side of the roof and attach both edges using 30 x 10mm felt nails per edge. Dress down the felt at the front and back and secure to the felt battens using 10 x 10mm felt nails at each end. when all felt pieces are secured in position trim off excess felt.



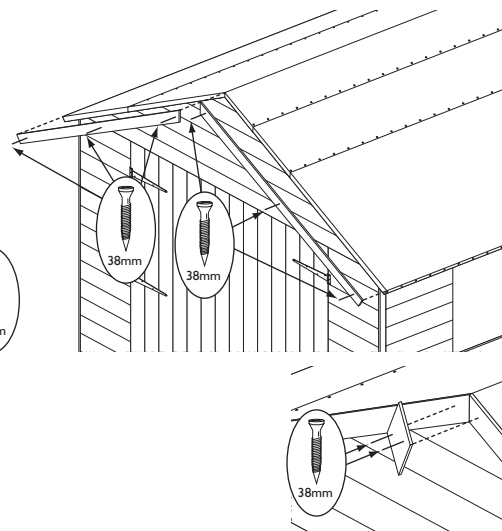
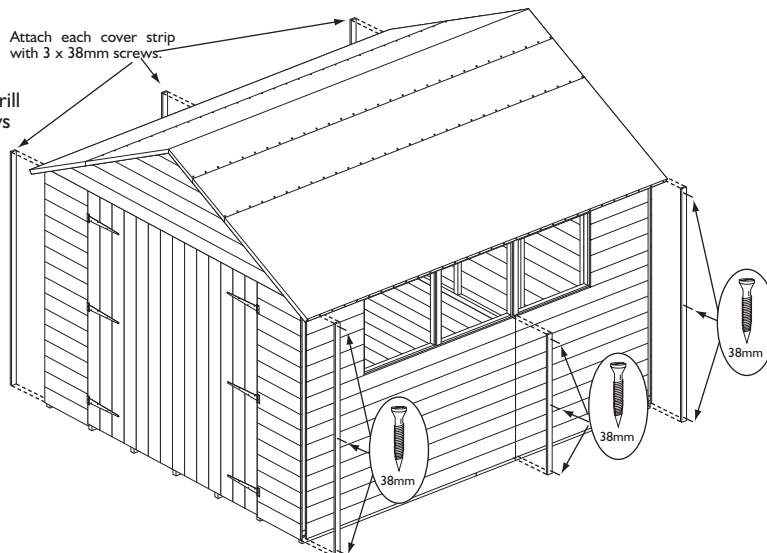
## 8. Coverstrips, bargeboards and finials

Fit a coverstrip into each corner, attach using 3 x 38mm screws per strip. Position a fifth coverstrip over the join of two plain side panels and attach with 3 x 38mm screws. Attach the short coverstrip over the join of the two window side panels. Secure the bargeboards on the front of the building so that the top edge is flush with the roof line and the two boards meet evenly at the apex secure using 3 x 38mm screws per board. Then attach a finial centrally over the join between the bargeboards use 2 x 38mm screws. Fit two bargeboards and a finial in the same way to the back of the building.



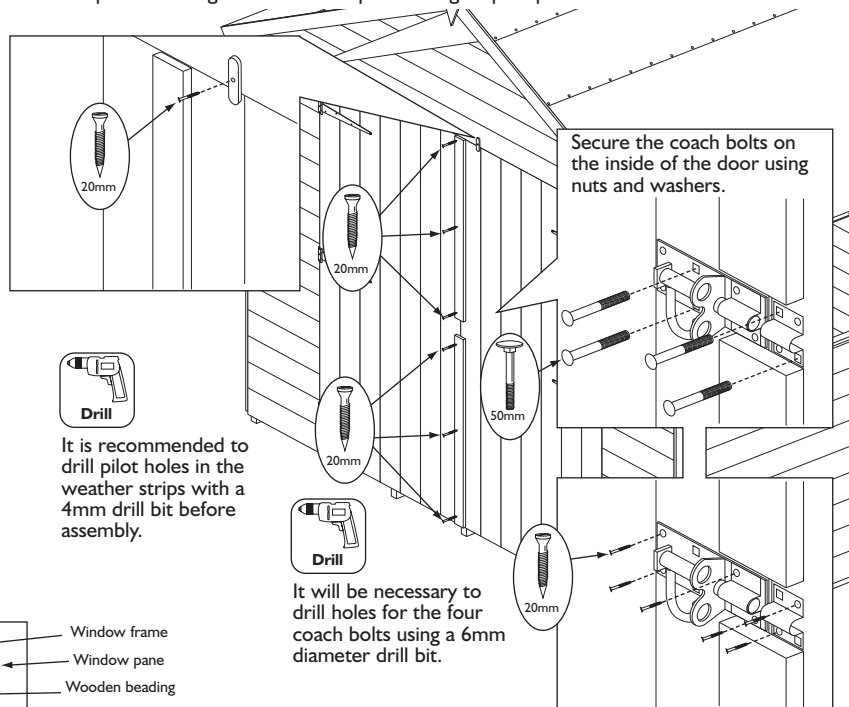
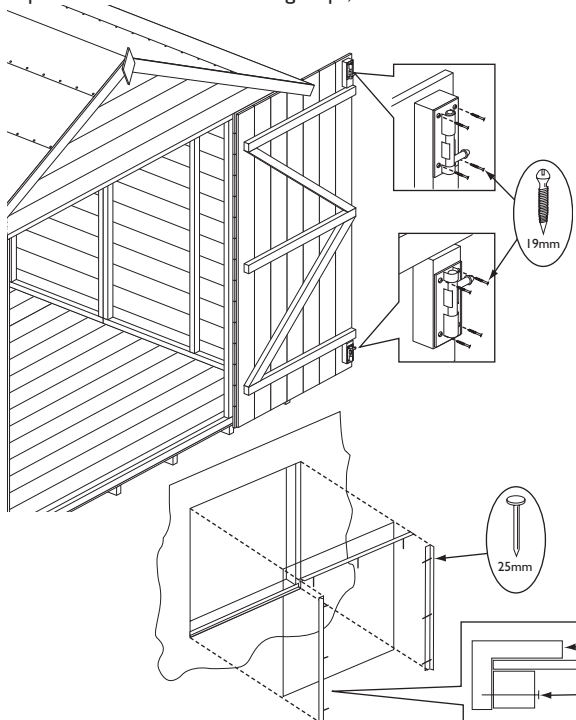
It is recommended to drill pilot holes for all screws with a 3mm drill bit before assembly.

Attach each cover strip with 3 x 38mm screws.



## 9. Door fittings and windows

On the inside of the right-hand door secure the tower bolts to the mounting blocks using 4 x 19mm round head screws per bolt. With the doors shut, position a door coverstrip so it overlaps both doors and is flush at the top of the doors, secure only to left-hand door using 3 x 20mm screws. In the same way fix the other door coverstrip flush to the bottom of the door. Fit the pad bolt to the left door between the two coverstrips using 4 x 20mm screws and 2 x 50mm coach bolts, nuts and washers. It will be necessary to drill holes for the coach bolts using a 6mm diameter drill bit. Fit the catch plate to the right door using 2 x 20mm screws and 2 x 50mm coach bolts, nuts and washers, as shown below. Position the turn button just above the left-hand door secure to the apex panel using 1 x 20mm screw. To fit the windows it is recommended that a waterproof sealant is applied around the edge of the glazing before fitting. From the outside of the building fit the acrylic window into the plastic strip, fix the window in place with the window beading strips, 560mm at each side and 610mm at the top secure using 3 x 25mm nails per beading strip. Repeat for the other two windows.



It is recommended to drill pilot holes in the weather strips with a 4mm drill bit before assembly.



It will be necessary to drill holes for the four coach bolts using a 6mm diameter drill bit.

## Important information - retain for future reference

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.

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.

### 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 261 121**

**Email: support@rowgar.co.uk**

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