## 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.

x 2   Drill
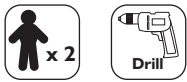
## Recommended tools for assembly

- Cross head screw driver
- Hammer
- Sharp knife
- Drill
- 4mm diameter drill bit
- Spirit level
- Silicon sealant
- Step ladder

RECOMMENDED BASE AREA

A recommended base area of no less than 1275mm x 1870mm
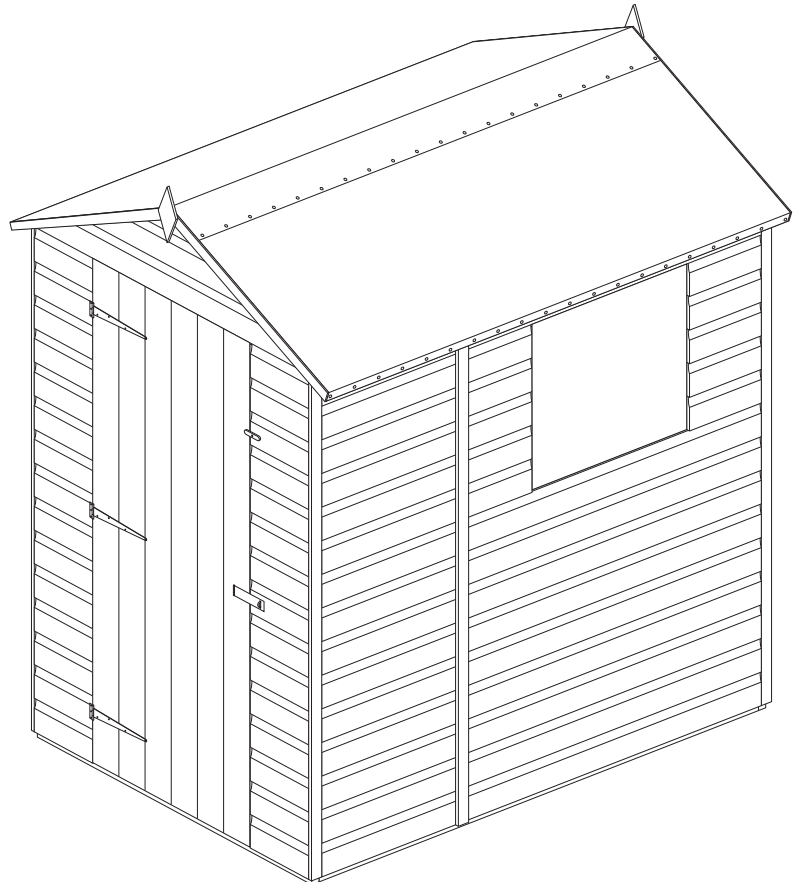
No.	Components	Qty.
1	Floor panel	1
2	Short floor bearer (29 x 29 x 1174mm)	2
3	Long floor bearer (29 x 29 x 1710mm)	5
4	Large plain panel	2
5	Window panel	1
6	Small plain panel	2
7	Right front panel	1
8	Left front panel	1
9	Apex panel	2
10	Door header rail (28 x 28 x 647mm)	1
11	Roof purlin (28 x 28 x 1770mm)	2
12	Large roof panel	2
13	Small roof panel	2
14	Felt batten (28 x 28 x 1800mm)	2
15	Coverstrips	6
16	Door	1
17	Roof felt (4m)	1
18	Window perspex (610 x 560mm)	1
19	Window Beading (9 x 9 x 615mm)	1
20	Window Beading (9 x 9 x 550mm)	2
21	Bargeboards	4

No.	Fixing kit	Qty.
22	Finials	2
23	T-hinges	3
24	Turn button	1
25	Hasp and staple	1
26	50mm screws	28
27	38mm screws	24
28	32mm screws	22
29	19mm round head screws	7
30	65mm nails	10
31	30mm nails	104
32	20mm nails	9
33	10mm felt nails	80
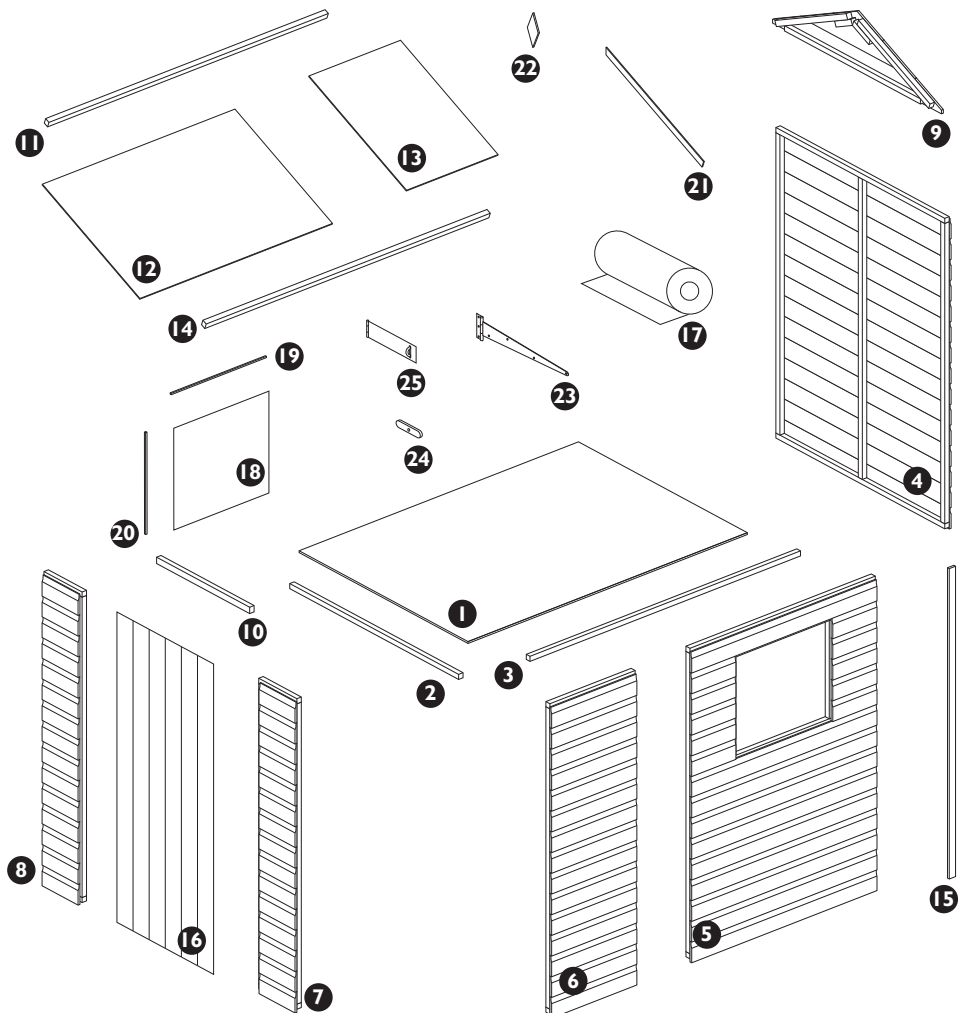
1. Laying the floor section

Prepare a level area for the shed to sit. To the bottom of the floor panels, attach the short floor bearers flush with the short edge of the floor using 5 x 30mm nails, nail through the floor panel into the bearers. In the same way attach to each floor panel five long floor bearers between the short bearers as shown using 8 x 30mm nails per bearer. Attach five additional (Not supplied in kit) treated wooden or similar bearers of size 50 x 50 x 1174mm to the floor.
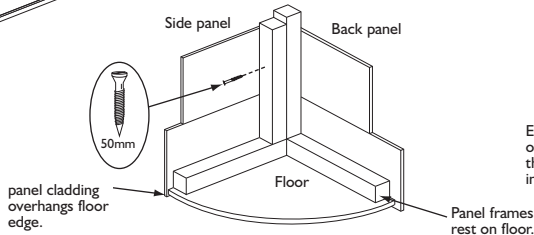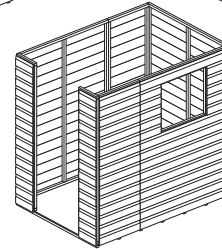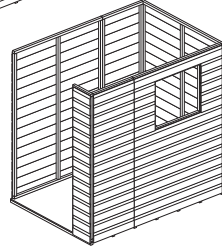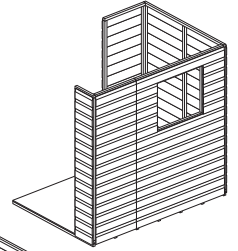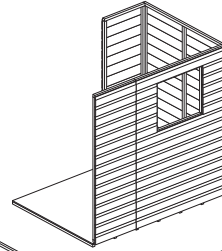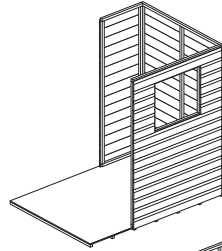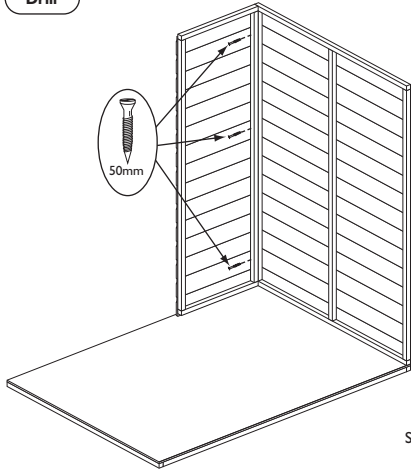
30mm
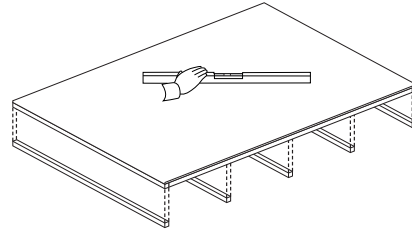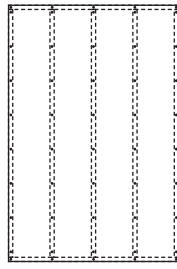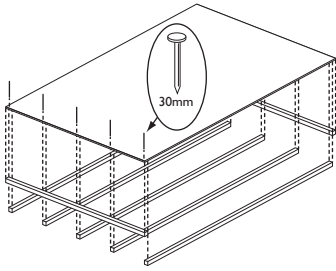
To "**VALIDATE**" the guarantee, this item should be erected on 50mm x 50mm treated wooden or similar bearers **(These are not supplied with the kit.)** Ground contact must be avoided.

2. Fixing the wall panels together

Position a large panel and small panel 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 frame of the small panel, into the frame of the large panel. Continue to add panels as shown below securing each one with 3 x 50mm screws. It is important to note that the front panels are orientated correctly so that the framing creates a rebate for the door to fit in as shown below.

**Drill** It is recommended to drill pilot holes with a 4mm drill for each screw.

50mm

Side panel
Back panel
50mm
panel cladding overhangs floor edge.
Floor
Panel frames rest on floor.

Important Note: Ensure correct orientation of front panels. Make sure the rebate edges face inward for the door to fit in.

Large plain panel — Small plain panel
Front panels
Small plain panel
Window panel
Large plain panel
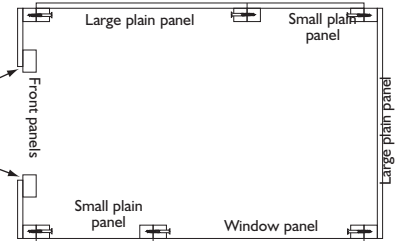
3. Securing the walls to the floor

Ensure the panels are sitting square on the floor. Secure using 10 x 65mm nails, nail through the panel frames and floor into the floor bearers.

Side panel
Back panel
65mm
65mm
Floor
Panel frame
Floor joists
65mm
65mm
65mm
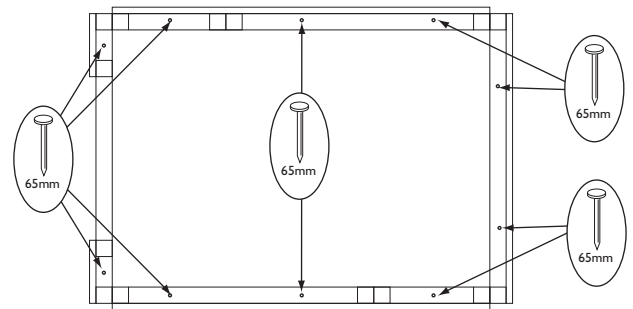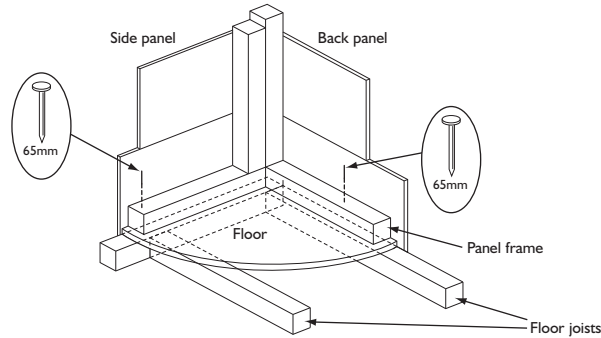
4. Apex panels and door header rail

Place an apex panel on top of the back panel, make sure the bottom shiplap board of the apex panel fits correctly into the shiplap board of the back panel. Secure by using 2 x 50mm screws, screw up through the top frame of the back panel into the bottom frame of the apex panel. Repeat for front apex. Attach to the front apex the door header rail using 2 x 50mm screws. Secure it flush to the bottom of the apex framing as shown

Drill It is recommended to drill pilot holes with a 4mm drill for each screw.
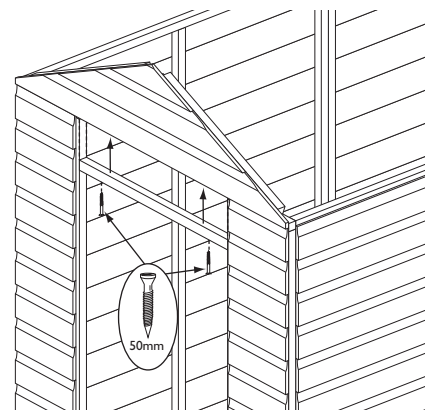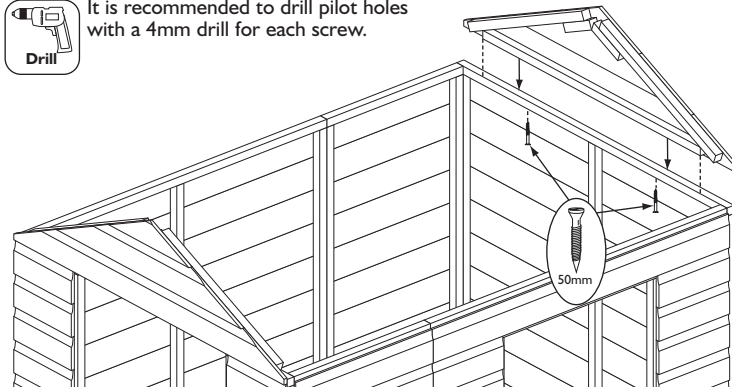
50mm
50mm

5. Roof

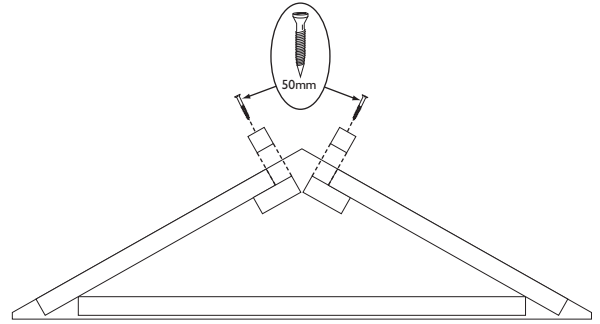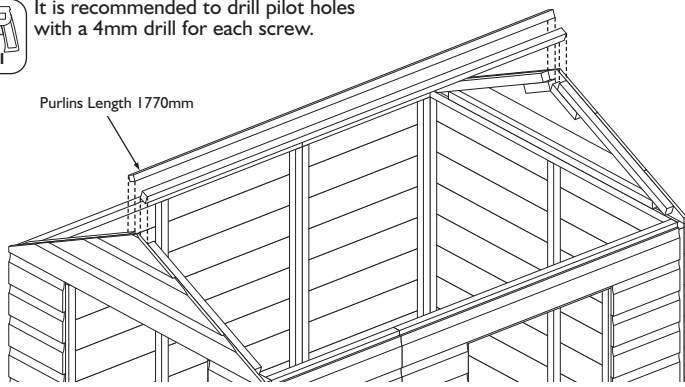Insert the two roof purlins into the rebates in the apex sections as shown. Fix in place at the ends of the purlins, using 2 x 50mm screws per purlin. Screw through the purlin into the frame of the apex panels.
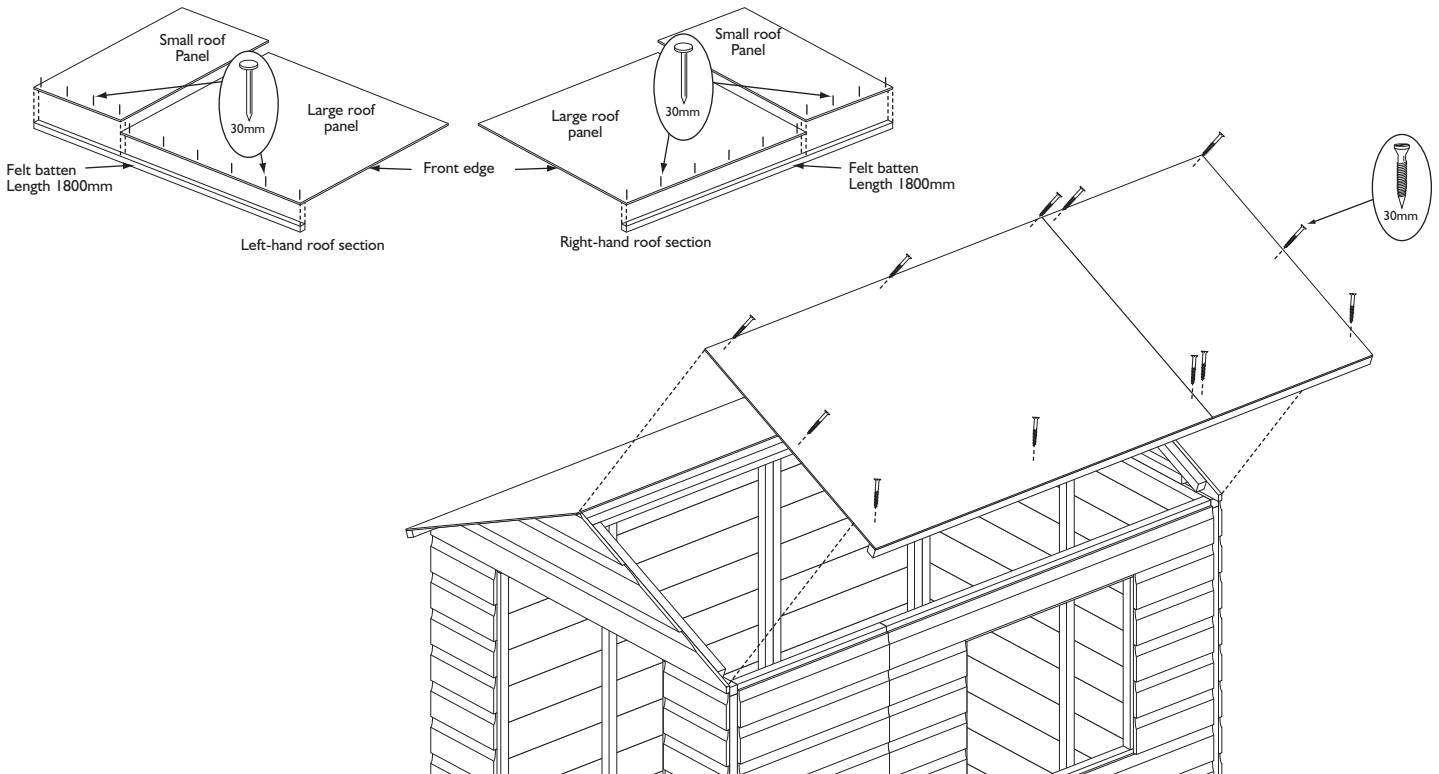
Drill It is recommended to drill pilot holes with a 4mm drill for each screw.

Purlins Length 1770mm

50mm

6. Roof

Secure to each felt batten one large roof panel and one small roof panel using 10 x 30mm nails as shown. Ensure the felt batten is flush to the edges of the panels. Position the roof panels onto the assembly, make sure the top edges are located at the apex and the roof is flush with the front and back apex. Secure with 12 x 30mm screws per roof section, screw through the roof and into the panel framing and purlins.

Small roof Panel

Large roof panel

30mm

Felt batten Length 1800mm

Front edge

Left-hand roof section

Small roof Panel

Large roof panel

30mm

Felt batten Length 1800mm

Right-hand roof section

30mm

7. Roofing felt

Cut roofing felt into two equal lengths. Place one length over the roof. At the front, back and along the lower edge of the roof leave an overhang of felt of at least 40mm. Fold down the felt along the lower edge and secure to the felt batten using 20 x 10mm felt nails evenly spaced. Dress the felt over the roof ridge, tension and secure along the edge using 4 x 10mm felt nails. position the second piece of felt in the same way as the first on the other side of the roof, ensure it overlaps the first. Attach to the felt batten using 20 x 10mm felt nails, tension over the roof and secure with 20 x 10mm felt nails. At each end dress down the felt and secure to the panels using 8 x 10mm felt nails per end. Using a sharp knife trim off excess felt.

10mm Felt nails

10mm Felt nails

10mm Felt nails

10mm Felt nails
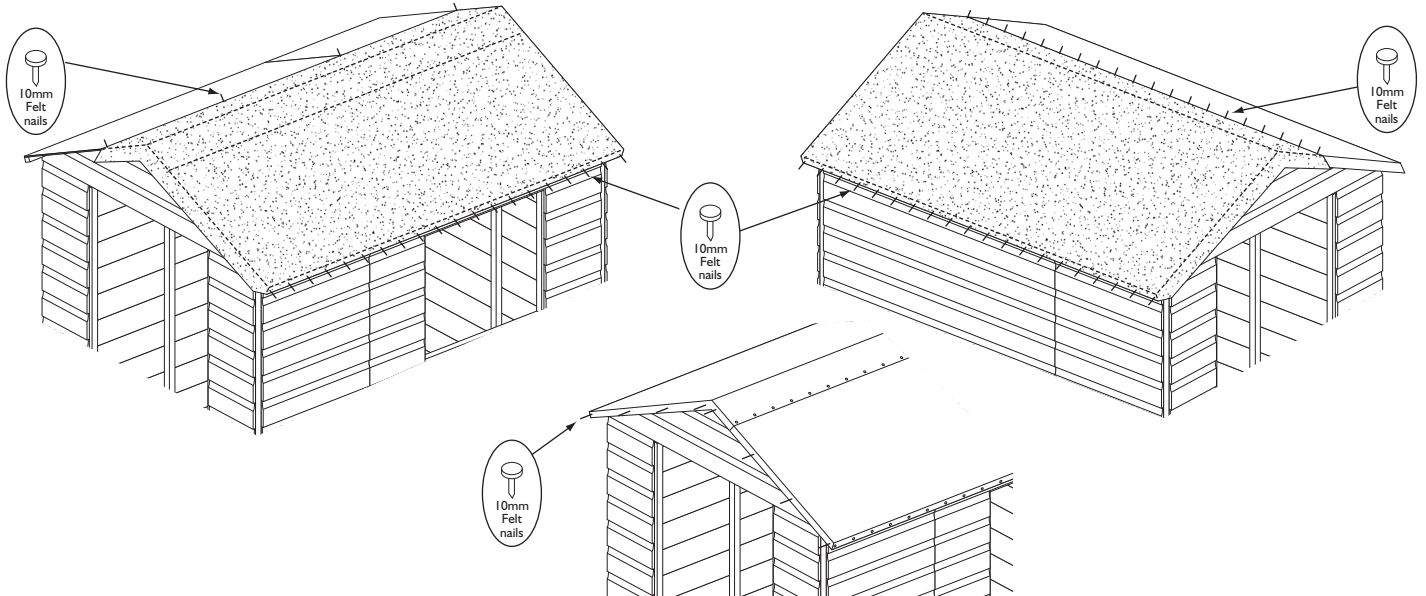
8. Coverstrips, bargeboards and finials

Fit a coverstrip into each corner, attach using 3 x 30mm nails per strip. The remaining two are used to cover the panel joins on each side, attach using 3 x 30mm nails per strip. Attach bargeboards at the front so that the top edge is flush with the roof line and the two boards meet evenly in the middle secure using 3 x 30mm nails per board. Repeat for the bargeboards on the back. On the front attach a finial centrally over the join between the bargeboards use 2 x 30mm nails. Repeat for the finial on the back.
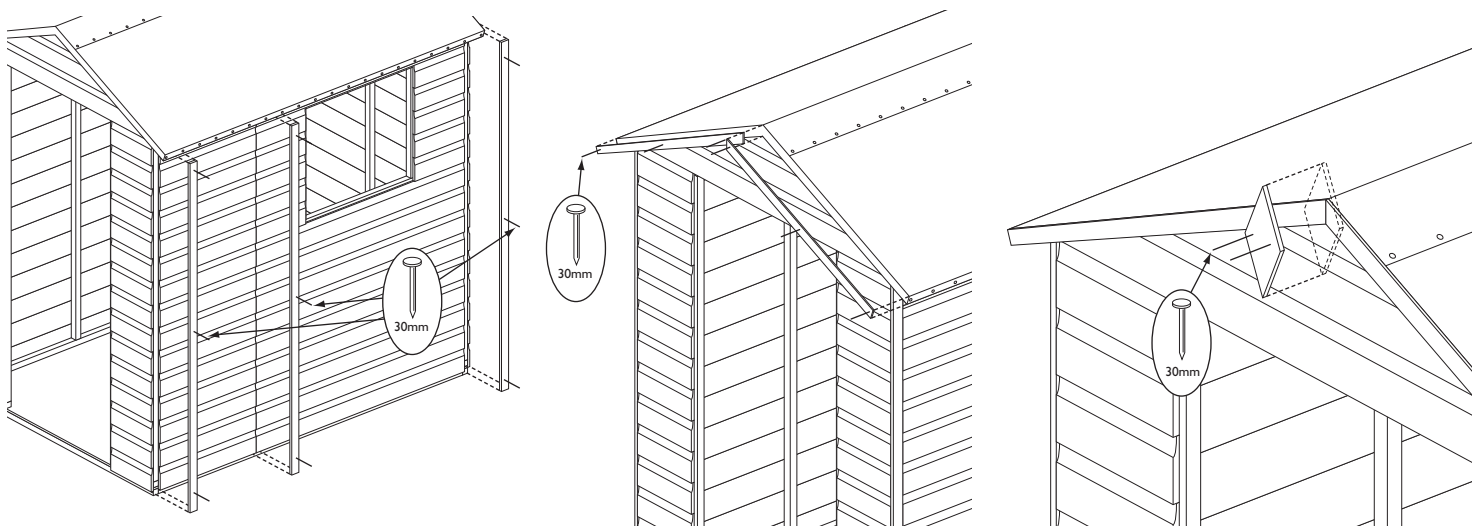
9. Fitting the door

Place the door into position. Fix the three T-hinges to the door with 4 x 32mm screws per hinge. Secure the hinges to the door frame using 3 x 32mm screws per hinge. Fit the turn button to the door frame using 1 x 32mm screw and then fit the hasp and staple with 7 x 19mm round head screws, see the diagram for the position of these.

View from outside of building
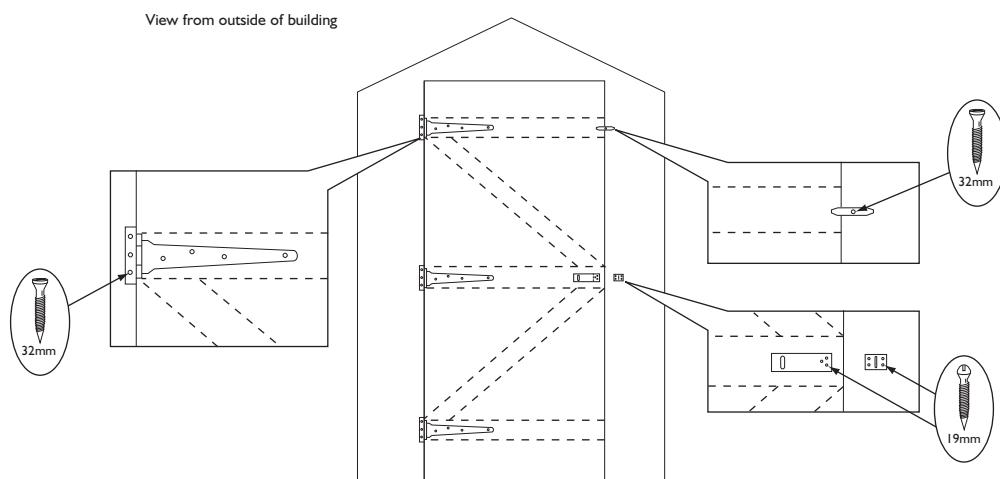
10. Glazing

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 cill strip, fix the window in place with the wooden window beading strips at each side and the top using 3 x 20mm nails per beading strip.

Window frame
Window pane
Beading
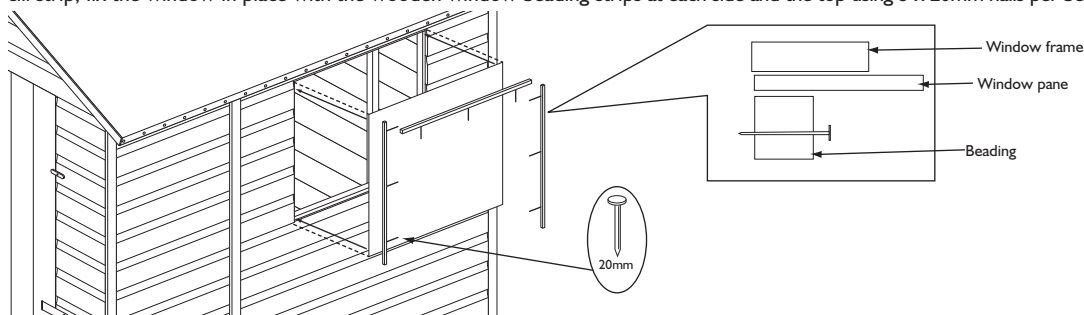
Important information - retain for future reference

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. The building must also be erected on 50mm 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 building please contact us :

Help Line (Normal Office Hours) 01829 261121

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.