Pent Summer House Assembly Manual

Pressure Treated Tanalised Timber **for Longer Lasting Life!**

Ready To Build - *8ft Range*

Total Sheds
Unit 1 Park Lane,
West Bromwich, B21 8LE
Tel: 01902 636 529
Email: info@totalsheds.co.uk

Thank you for purchasing your Total Shed.

All of our sheds are made from only the finest selected timber which are (Tanalised), specially pressure treated for a longer and lasting durable life span to the elements.

Each shed is carefully packed and delivered on a pallet ready to be assembled.

FEATURES NEW FLEXIBLE, INTER-CHANGEABLE DESIGN
FOR YOUR INDIVIDUAL STYLE.

2 Persons Recommended for Assembling Shed

Tools Required:

DRILL DRIVER   **HAMMER**   **HAND SAW**   **STANLEY KNIFE**

PLEASE NOTE: Use extreme caution when using any tools. Always wear safety gear where necessary. It is advisable that at least 2 or more persons assemble the shed for health and safety purposes. We are not responsible for any injuries caused whilst assembling this shed.

Version 1.4

Ready to Build Shed

Tanalith WOOD PRESERVATIVE

DELIVERED FLAT PACKED IN EASY TO INSTALL SECTIONS

Unpacking your Parts

Unpack all of the components and check that you have all the parts required. Please use the checklist on previous page.

Carefully dispose of the delivery pallet and any excess timber.

Advisable: The underside of the floor must be treated with a quality wood preserver.

OK SLAB BASE   NO GOOD GRAVEL

OK CONCRETE   NO GOOD SLABS

OK DECKING   NO GOOD SOIL

SET THE SHED FOUNDATION

This Manuals Diagrams are based on the
12ft x 8ft Apex Summer House

|								4x8ft
						3x8ft	4x8ft	+
					2x8ft	+	+	4x8ft
				2x8ft	+	4x8ft	4x8ft	+
			4x8ft	+	4x8ft	+	+	4x8ft
		3x8ft	+	3x8ft	+	4x8ft	4x8ft	+
	2x8ft	+	4x8ft	+	4x8ft	+	+	4x8ft
	+	4x8ft	+	4x8ft	+	4x8ft	4x8ft	+
4x8ft	4x8ft	+	4x8ft	+	3x8ft	+	+	4x8ft
	+	2x8ft	3x8ft	4x8ft	+	4x8ft	3x8ft	+
4x8ft	4x8ft	3x8ft	2x8ft	4x8ft	2x8ft	2x8ft	3x8ft	4x8ft
4x8ft	**6x8ft**	**8x8ft**	**10x8ft**	**12x8ft**	**14x8ft**	**16x8ft**	**18x8ft**	**20x8ft**

4ft & 4ft FLOOR PANEL
Turn all floor panels upside down so frame posts are exposed.

ASSEMBLING THE 8FT FLOOR
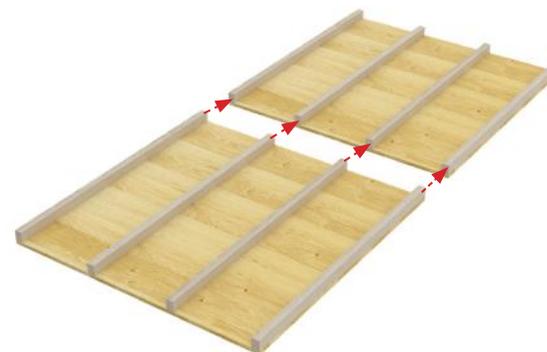
This process will be the same for any build this has a depth of 8ft. The 8ft will be constructed using two 4ft sections.

Before attaching the floor sections, you must first attach the frame posts provided. These will add strength to the roof and will make the process of adding the floor much easier.
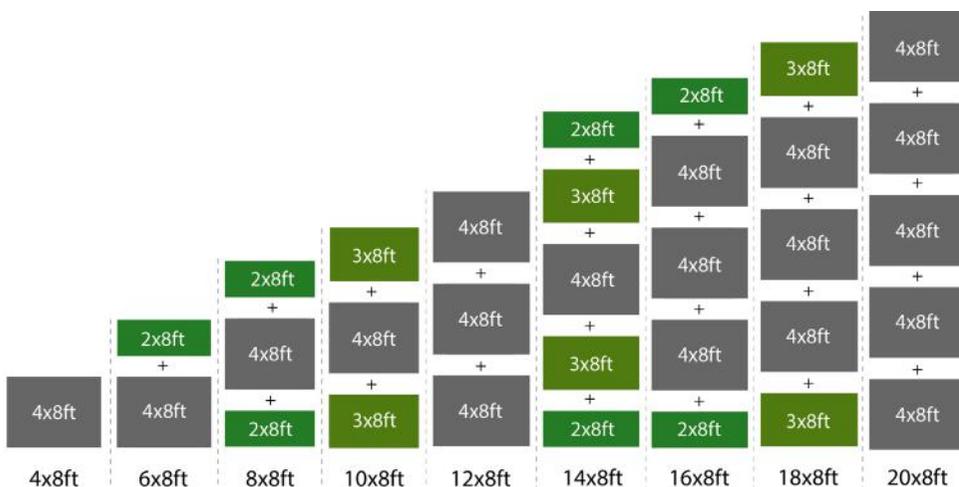
Next, Use the screws provided to attach the frame posts to the floor sections. Screw a minimum of 4 screws into each of the frame posts.

INFORMATION
It is recommended that you turn the Floor section 180 degrees so that the bottom of the floor is as shown.
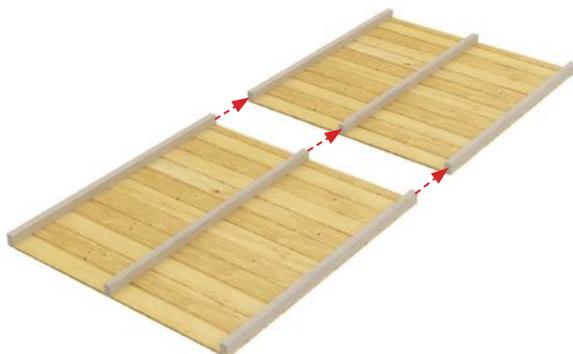
● = Drill Points using screws provided as shown

x4
4.0 x 70mm
Per Post

4ft & 4ft ROOF PANEL

Turn all roof panels upside down so frame posts are exposed.

ASSEMBLING THE 8FT ROOF

This process will be the same for any build this has a depth of 8ft. The 8ft will be constructed using two 4ft sections.

Before attaching the roof sections, you must first attach the frame posts provided. These will add strength to the roof and will make the process of adding the roof much easier.

Next, Use the screws provided to attach the frame posts to the floor sections. Screw a minimum of 4 screws into each of the frame posts.

● = Drill Points using screws provided as shown

x4
4.0 x 70mm
Per Post

Recommended: Paint shed in an oil based treatment to prevent water ingress into the timber. Also silicon your windows *(Must silicon inside & outside)* to prevent rain water seeping through the gaps between glass and the timber.

SHED FLOOR: *Setting Shed Base*

PLEASE NOTE: All Shed Floors have the 4ft x 8ft Floor in the center.
1a. Place the Floor panels with the Frame work pointing forwards (as shown in below) then screw together using screws provided at the end of the bearer points.

1b. Check that all floor sections are securely attached and in a straight line to avoid any problems later on the build stage.

Use a Spirit Level for accuracy

4ft Floor

4ft Floor

4ft Floor

8ft Floor

4ft Floor
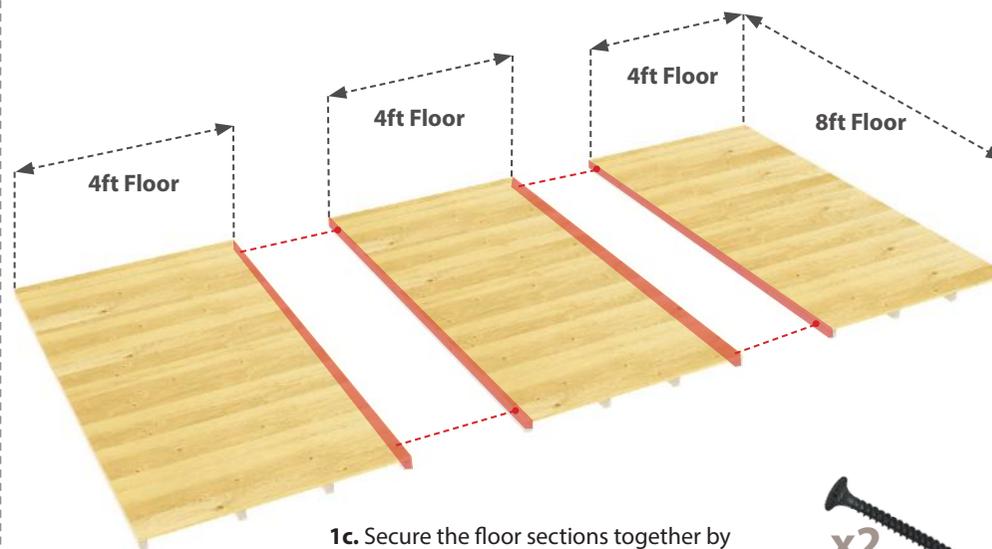
● = Drill Points using screws provided as shown

1c. Secure the floor sections together by screwing the floor bearers at each end where they meet as shown in diagram 1c.

x2
4.0 x 70mm
Per Floor Section

IMPORTANT

All Sheds With 4 or More Floor Pannels have the smallest Floor Panel on the Ends.
As shown on this diagram.

FLOOR & BLOCK ENDS

Add the Floor Block Ends
(Heavy Duty Posts)

2a. In your kit you should find 4x **4ft** blocks. These will act as your **8ft** long floor block.

2b. Fix together by screwing the Floor. Blocks at each end as shown. Use the screws provided and make sure the ends are fixed securely. 2 screws on each Floor Block will suffice. **(Repeat for other side)**

2b

FLOOR BLOCKS

FLOOR BLOCKS

2b

● = Drill Points using screws provided as shown

x2
4.0 x 70mm
Per Floor Block

4ft RIGHT PANEL

Place first panel againts far right of shed floor as shown.
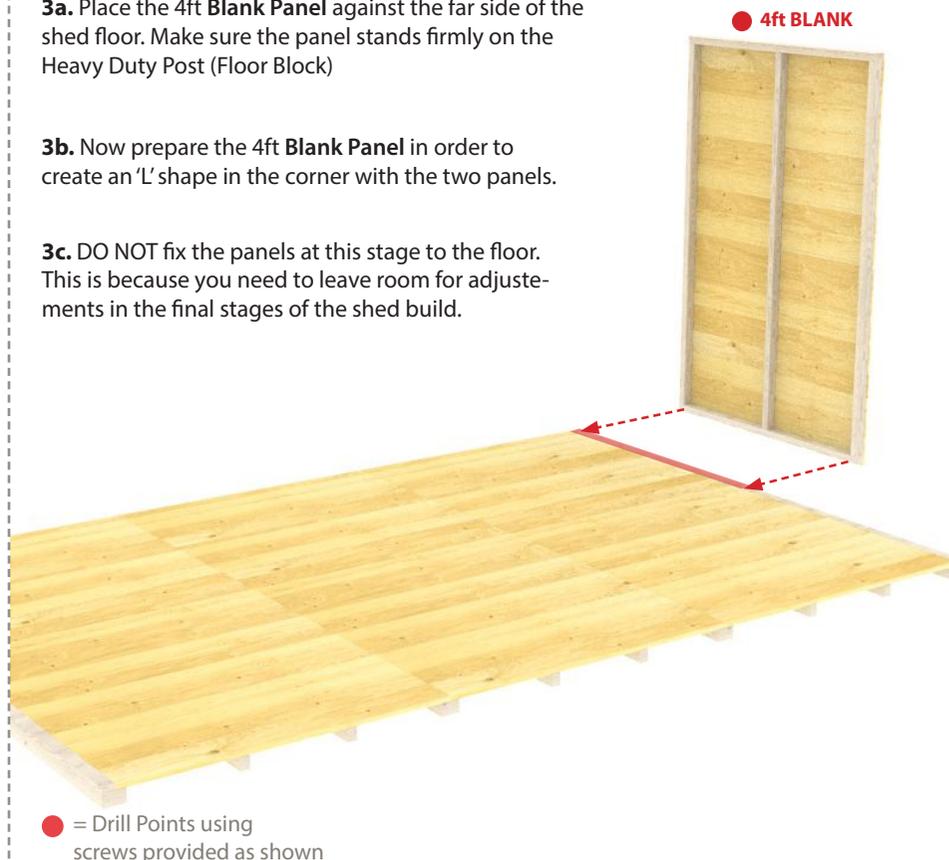### (4ft wide blank panel)

4FT RIGHT PANEL

3a. Place the 4ft **Blank Panel** against the far side of the shed floor. Make sure the panel stands firmly on the Heavy Duty Post (Floor Block)

3b. Now prepare the 4ft **Blank Panel** in order to create an 'L' shape in the corner with the two panels.

3c. DO NOT fix the panels at this stage to the floor. This is because you need to leave room for adjustements in the final stages of the shed build.

● **4ft BLANK**

● = Drill Points using screws provided as shown

BACK PANELS
Fix 4ft Wide Blank Sections. Create a Corner for Balance.

SIDE PANELS

4a. Place a 4ft **Blank Panel** side as shown below. Repeat this step for all larger **Sheds**. Please use reference on left for additional sections required according to your shed size.

4b. Screw the **Blank Panel** alongside the framework as shown.

INFORMATION
Not all Summer Sheds will have the same panel arrangment. Please Ensure that the 4ft Panels are central for all builds.
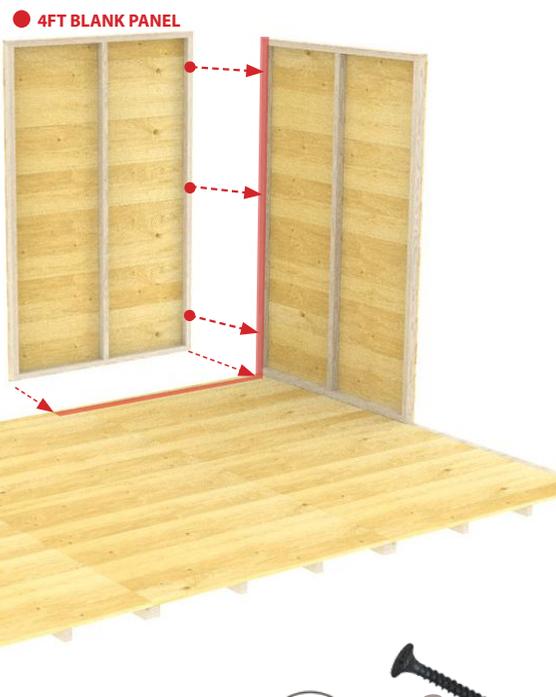
● **4FT BLANK PANEL**

● = Drill Points using screws provided as shown

x3
4.0 x 70mm
Per Panel Edge

4ft RIGHT PANEL
Fix 4ft Wide Right Blank Section to Back Panel 4ft Section

4ft RIGHT PANEL

5a. Place the 4ft **Blank Panel** as shown along the back of the shed floor aligning with the edge of the rear **Floor Block** End.

5b. It is advisable to have a second person holding the panel in place while the next section is attached. You may notice that the panels will have nothing to balance on or agaÍnts at this stage. Please use supports if required at this stage untill the corner frames are attached for balance.

NOTE: Place panel to sit firmly on the side Floor Block. See Diagram 5a.
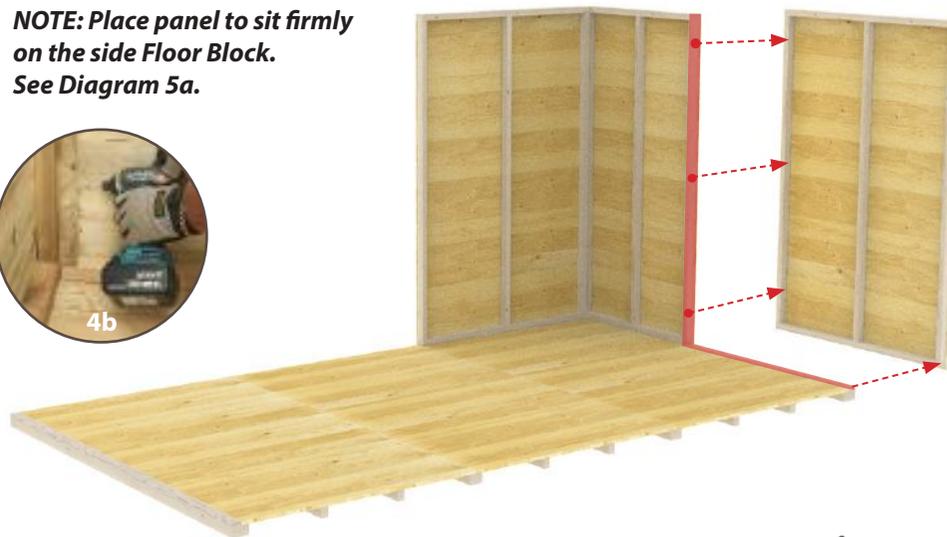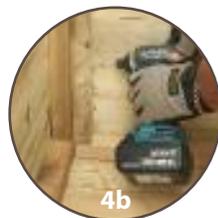
4b

● = Drill Points using screws provided as shown

x3
4.0 x 70mm
Per Panel Edge

BACK PANELS
Repeat Step 4 Until all Back Section is Completed.

BACK PANELS

6a. Place the 4ft **Blank Panel** side against the corner of the back 4ft floor as shown making sure the panel is sitting firmly on the shed floor and the side meeting the framework of the back 3ft blank panel.

6b. Fix the panels together with screws as shown in diagram. You may require some supports to keep the frame upright whilst building longer sheds.

● **4FT BLANK PANEL**

● = Drill Points using screws provided as shown

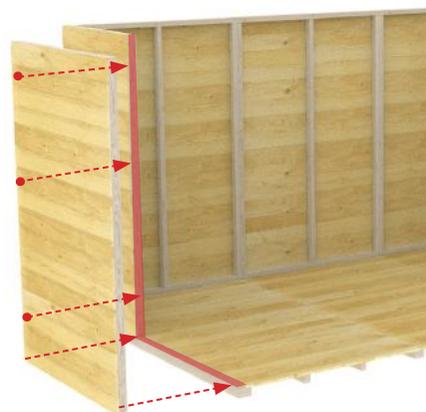**x3**
4.0 x 70mm
Per Panel Edge

4ft LEFT PANELS
Fix Both 4ft Wide Left Blank Sections to Back Panel 8ft Section
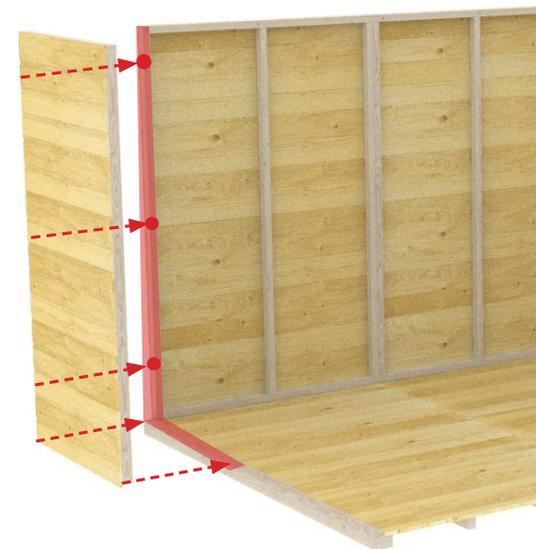

4ft LEFT PANELS

7a. Now place a 4ft **Blank Panel** as shown. Repeat this step for the 4ft panel. Please reference Image 7a. To recap on how to secure a corner section.

7a.

7b. Repeat this step until all **Side Panels** have been secured in place using three screws.

● = Drill Points using screws provided as shown

x3
4.0 x 70mm
Per Panel Edge

4ft FRONT WINDOW PANEL
Fix the First 4ft Window Panel

4FT WINDOW PANEL

8a. Use the RED areas below as reference to the joining points of the panel. Note the 4ft section should fit perfectly to continue the front section.

8b. Place 4ft **Window Panel** as shown and fix in place at the meeting points with screws. Fix the panel sides with 3 screws.

8b.

● = Drill Points using screws provided as shown

DID YOU KNOW?
Window and Door panels can be substituded for a side panel of the same size.

x3
4.0 x 70mm
Per Panel Edge

DOOR PANEL
Attach Door Panel Next to the 4ft Window Panel

4ft DOOR PANEL

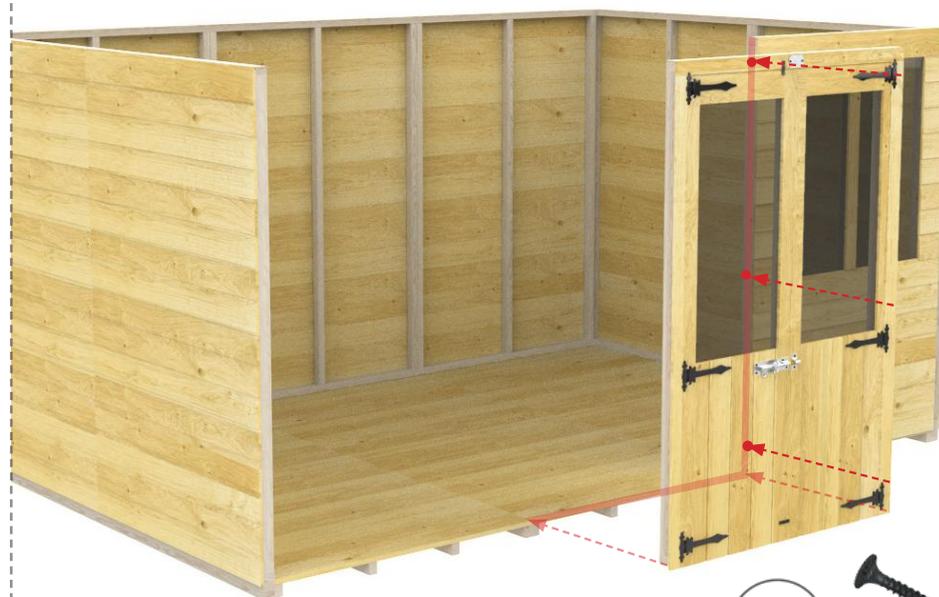**9a.** Use the RED areas below as reference to the joining points of the Door panel. Note the 4ft section should fit perfectly to continue the front section.

DID YOU KNOW?
Door panels can be placed anywhere a 4ft panel is. The 4ft Door must be placed opposite the 4ft back panel and on top of a 4ft floor.

● = Drill Points using screws provided as shown

x3
4.0 x 70mm
Per Panel Edge

4ft WINDOW PANEL
Attach The Next 4ft Window Panel

4ft WINDOW PANEL

10a. This is the last remaining panel. So, fix this panel to the other sections using 6 screws total (3 screws per side).

10b. This is the last remaining panel. So, this panel will need screwing down on both sides (As Shown). **Once competed, check that the shed is square and screw to the base.**

● = Drill Points using screws provided as shown

x3
4.0 x 70mm
Per Panel Edge

SIDE PENT ANGLE TOPS
Now attach all the 8ft Side Tops of Pent Shed End Panels. (Over the top of both side panels).

8ft APEX ROOF GABLE ENDS

11a. Now place the 5ft and 3ft **Slope** together and use two 70mm screws to secure them together, making sure that they are in line.

11b. Once the **Pent Angle Top** has been constructed, use the screws to secure the **Angle Tops** to the sides of the **Shed**.

● = Drill Points using screws provided as shown

x4
4.0 x 70mm
Per Angle Top

PENT FRONT TOPS
Place the front tops of shed in relation to the fronts panels

PENT FRONT TOPS

12a. Place the **Pent Front Top** sections in place. Use the corrisponding sized tops with the correct sections. Make sure the correct section is placed on top of the correct front panel only as shown in the diagram.

12b. Adjust the panels so that the tounge & groove are fixed together in place correctly. Use a hammer to lightly tap in to the grooves to create a perfect fit.

● = Drill Points using screws provided as shown

12c. Attach the sections down by screwing through the inner framework of both panels.

x2
4.0 x 70mm
Per Front Top

SIDE & CORNER STRIPS
Hide the panel edges. Cover the framework & seams.

CORNER STRIPS

13a. Use all the **Side/Corner Strips** to finish off the shed, by covering any exposed framework and the panel joining seams.

13b. Use a 3mm Drill bit to prevent the wood from splitting. Use the 70mm Screws to secure these Strips to place. it will take 3x screws to properly six the Strips to the Shed.

INFORMATION
The Corner Strips cover all panel edges. Rememeber to attach these to the exterior back panels too.

● = Drill Points using screws provided as shown

x3
4.0 x 38mm
Per Corner Strip

PENT ROOF PANELS

Place First roof section. Repeat for all Roof Panels (2ft, 3ft, 4ft)

4ft ROOF PANEL

14a. Place the 2ft **Roof Panel** in place. Repeat this stage for models as shown below. 4ft **Roof Panel** will always be in the cenre (Except from with the 6ft Model).

INFORMATION
Use these 100mm screwsto secure the Roof panels together.

● = Drill Points using screws provided as shown

x4
4.0 x 70mm
Per Roof Panel

PENT ROOF OVERHANGS

Place First Overhang Section. Repeat for all Roof Overhangs (2ft, 3ft, 4ft)

PENT ROOF OVERHANGS

15a. Place the 4ft **Roof Overhang** into the clearing between the 4ft Window Panel and 4ft Roof panel. This should fit between the frame work.

15b. Screw the Frame work of the overhang into the roof panel frame work from inside of the Summer shed.

INFORMATION
The Roof overhangs only fit into the clearance above the front panel that corrisponds with the same sized overhang.

● = Drill Points using screws provided as shown

x4
4.0 x 70mm
Per Overhang

CUTTING THE ROOF FELT
Use the felt table to cut your felt to the correct size

CUTTING THE ROOF FELT

16a. Use the Stanley knife to cut your felt into the correct size. Using the table below, find the Build size that you have and cut your felt down to achieve the size that you will need.

Example:

Pent Summer House 12ft x 8ft

The 12 by 8 needs 5 sheets of felt. All at 13ft each.

		Build Depth				
		4ft (x2)	5ft (x3)	6ft (x3)	7ft (x4)	8ft (x5)
Build Length	4 ft	5ft	5ft	5ft	5ft	5ft
	5 ft	6ft	6ft	6ft	6ft	6ft
	6 ft	7ft	7ft	7ft	7ft	7ft
	7 ft	8ft	8ft	8ft	8ft	8ft
	8 ft	9ft	9ft	9ft	9ft	9ft
	9 ft	10ft	10ft	10ft	10ft	10ft
	10 ft	11ft	11ft	11ft	11ft	11ft
	11 ft	12ft	12ft	12ft	12ft	12ft
	12 ft	13ft	13ft	13ft	13ft	13ft
	13 ft	14ft	14ft	14ft	14ft	14ft
	14 ft	15ft	15ft	15ft	15ft	15ft
	15 ft	16ft	16ft	16ft	16ft	16ft
	16 ft	17ft	17ft	17ft	17ft	17ft
	17 ft	18ft	18ft	18ft	18ft	18ft
	18 ft	19ft	19ft	19ft	19ft	19ft
	19 ft	20ft	20ft	20ft	20ft	20ft
	20 ft	21ft	21ft	21ft	21ft	21ft

ATTACH THE ROOF FELT
Use the felt lengths provided.

ROOF FELT

A — 1st Sheet at rear of roof

B — 2nd Sheet top front / 3rd

C — Neaten & cut excess felt

D — Trim edges with 3" overhang

E — Fold & tack edges neatly

17a. Apply the roof felt as shown. Apply lower levels first to create correct rain run off positions.

17b. Using a hammer, tack down the felt with the tacks provided in a neat fashion.

TACKS PROVIDED

17c. Trim down excess felt with a stanley knife. Remember to overlay the 1st felt to avoid rain leaks.

17d. Tuck and fold edges neatly and tack in place to hide any loose edges. Check that all areas are covered and there are no holes to avoid any rain water getting through your felt roof.

ATTACH FELT STRIPS
Create the Final Roof Edges.
Final steps finishing off the roof.

FELT STRIPS

18a. Using the felt strips provided cover the edges of the roofs and ends of the roof felt. You will need to measure these and saw to fit to your requirements and create the perfect roof finish as shown below.

18b. Drill in the felt strips as shown on front and back of the shed to finish the roof off. Use the framework of the roof blocks to screw the felt strips down to. The felt strips will give your shed a neat finish for the roof and hide any overhang areas of the roof felt.

NOTE:
Location of the Felt Strips

● = Drill Points using screws provided as shown

18c. Felt Strips must be same height as roofing felt to allow rain water to run off. See Diagram on the right.

x2
4.0 x 38mm
Per Felt Strip

DIAMOND CAPS
Add the Finishing Touch. (Optional)

DIAMONS CAPS

Congratulations

Timber is a naturally grown product and may shrink and warp when dried out, timber is a porous material which can absorb water. Although all of our buildings come pressure treated we strongly advise the building is re-treated with an oil/spirit based treatment inside and out to make the timber water repellent and to preserve the quality and life of the product.

x1
4.0 x 38mm
Per Diamond Cap