



# Pent Summer House Assembly Manual

Pressure Treated Tanalised Timber for Longer Lasting Life!

## Ready To Build - 7ft Range

Total Sheds  
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West Bromwich, B21 8LE  
Tel: 01902 636 529  
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Version 1.4

### 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.



*Ready to Build Shed*



**DELIVERED FLAT PACKED IN  
EASY TO INSTALL SECTIONS**

**Featured Build of the Pent Summer House 12ft x 7ft**  
*Includes 4x7ft to 20x7ft Instructions*

[www.totalsheds.co.uk](http://www.totalsheds.co.uk)

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## 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.

## SET THE SHED FOUNDATION

*This Manuals Diagrams are based on the*  
**12ft x 7ft Apex Summer House**

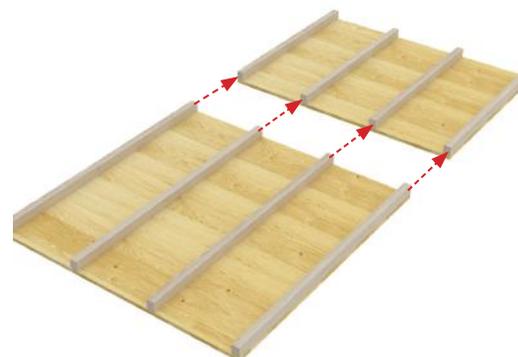


## 4ft & 3ft FLOOR PANEL

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



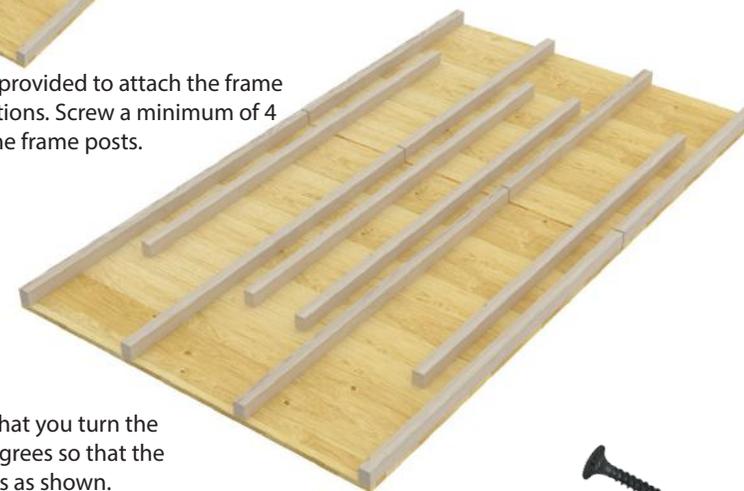
## ASSEMBLING THE 7FT FLOOR



This process will be the same for any build this has a depth of 7ft. The 7ft will be constructed using one 4ft section and a 3ft section.

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.

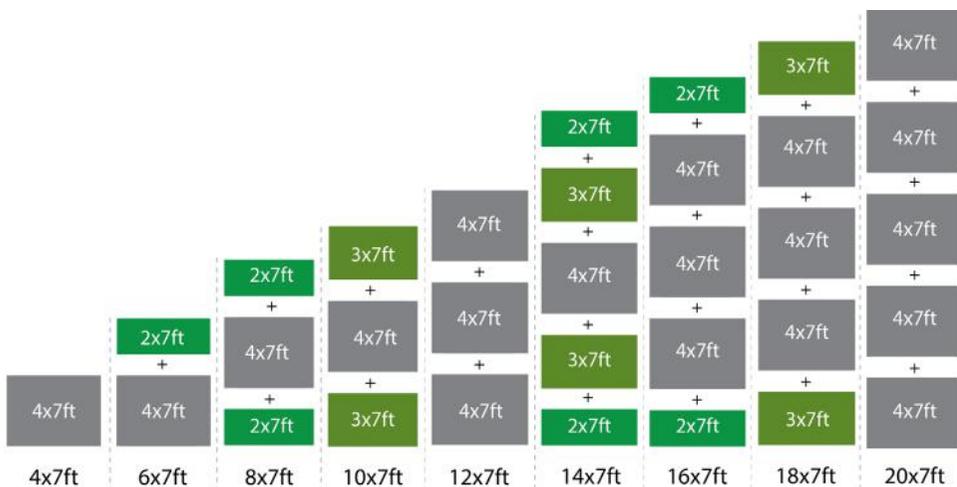
Next, Use the screws provided to attach the frame posts to the floor sections. Screw a minimum of 4 screws into each of the frame posts.



### 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

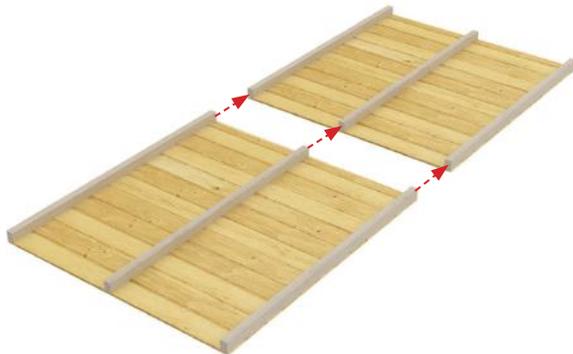


## 4ft & 3ft ROOF PANEL

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



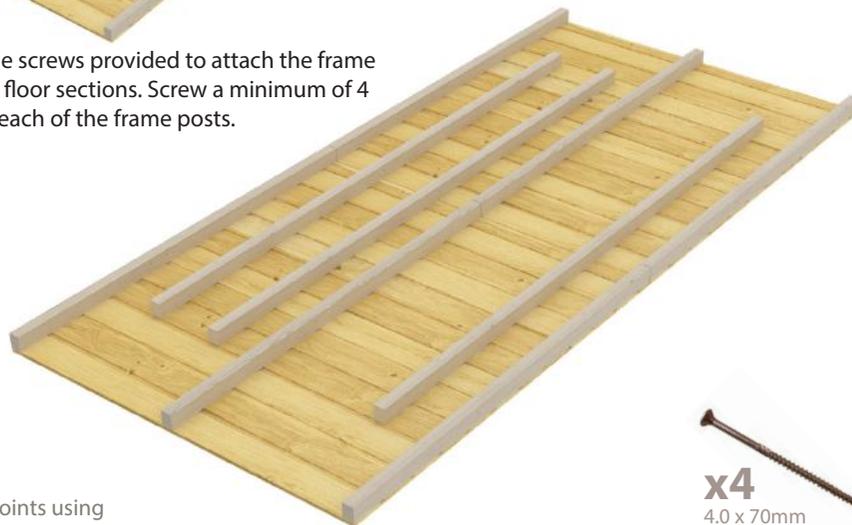
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● = Drill Points using screws provided as shown

**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.



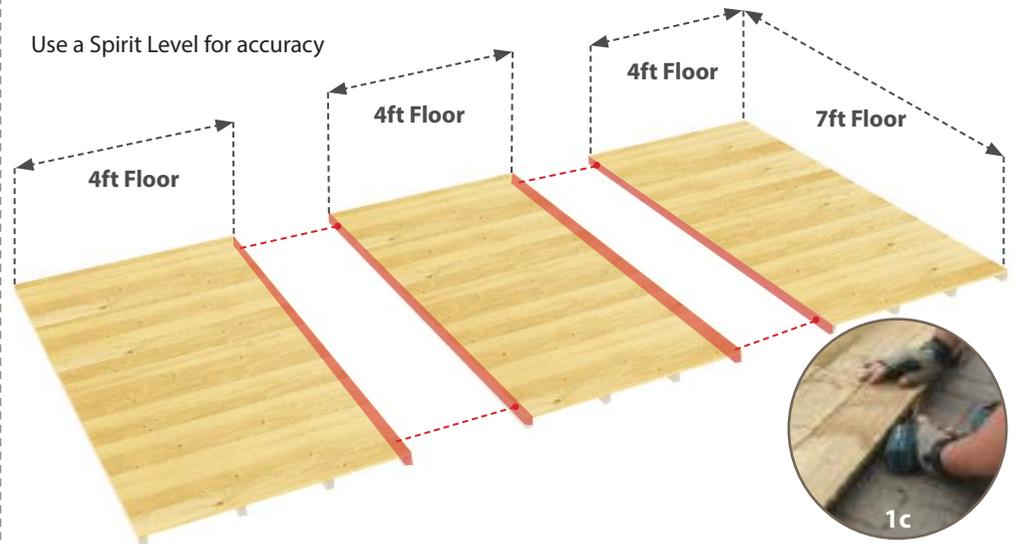
## SHED FLOOR: Setting Shed Base

**PLEASE NOTE:** All Shed Floors have the 4ft x 7ft 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



● = 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.*



## 4ft RIGHT PANEL

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



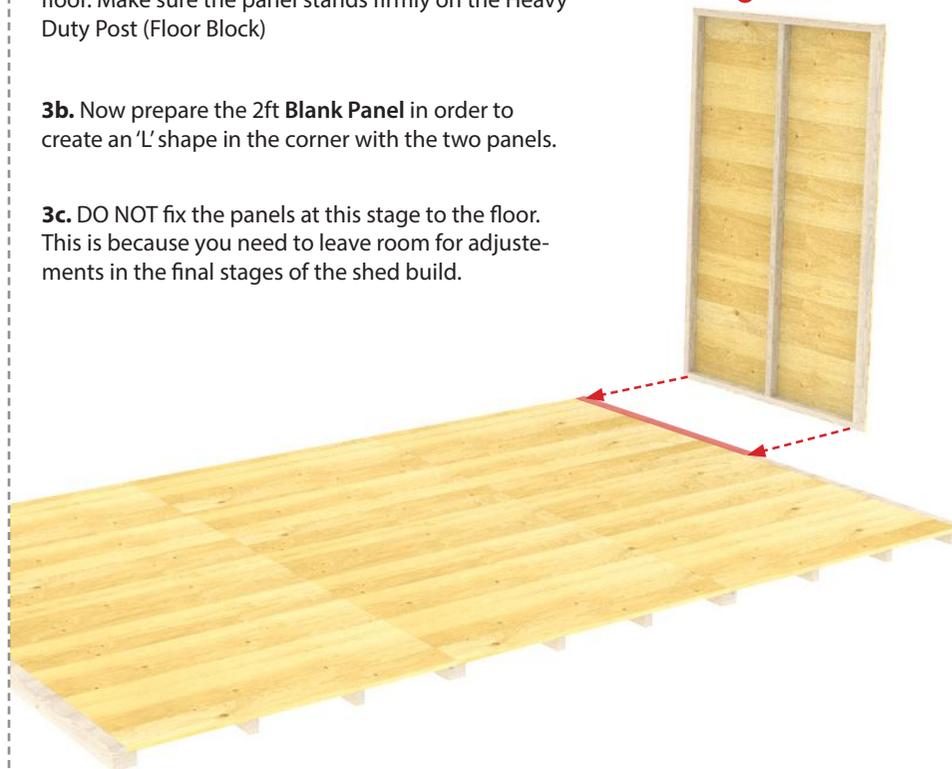
## 4FT RIGHT PANEL

**3a.** Place the 3ft 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 2ft 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 adjustments in the final stages of the shed build.

● 4ft BLANK



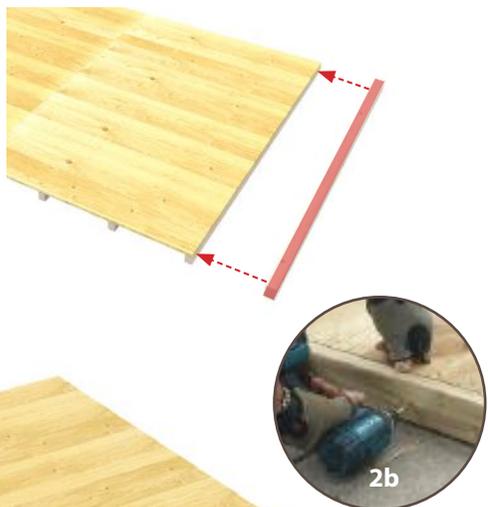
● = Drill Points using screws provided as shown

## FLOOR & BLOCK ENDS

Add the Floor Block Ends (Heavy Duty Posts)

**2a.** In your kit you should find 2x 4ft blocks and 2x 3ft blocks. These will act as your 7ft 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)



● = Drill Points using screws provided as shown

x2  
4.0 x 70mm  
Per Floor Block

## STEP • 4

### BACK PANELS

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

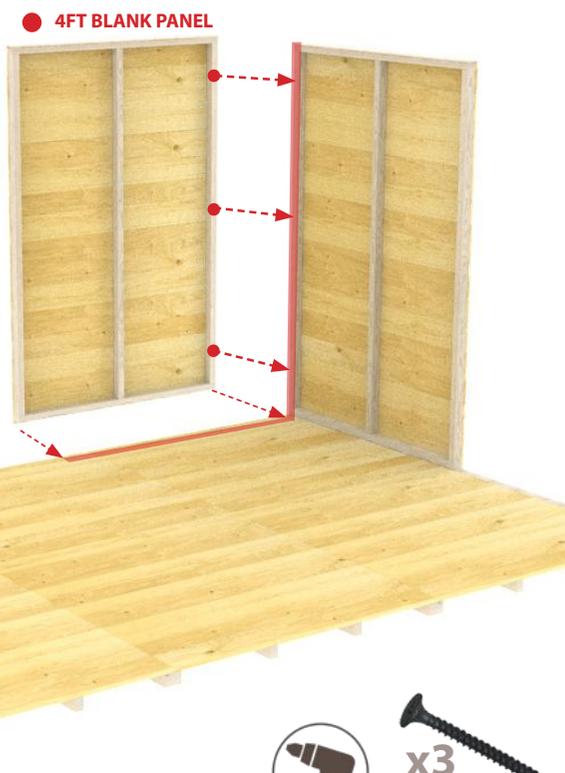


### SIDE PANELS

**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 in Diagram 4b.

**INFORMATION**  
Not all Summer Sheds will have the same panel arrangement. Please Ensure that the 4ft Panels are central for all builds.



● = Drill Points using screws provided as shown



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

## STEP • 5

### 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 against at this stage. Please use supports if required at this stage until the corner frames are attached for balance.

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



● = Drill Points using screws provided as shown



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

## STEP • 6

### BACK PANELS

Repeat Step 4 Until all Back Section is Completed.



### BACK PANELS

**6a.** 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.

**6b.** Screw the panels alongside the framework as shown in Diagram 4b.



● = Drill Points using screws provided as shown

**INFORMATION**  
making sure that the back panel sizes corresponds with the floor size.



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

● = Drill Points using screws provided as shown



● = Drill Points using screws provided as shown

### 4ft LEFT PANELS

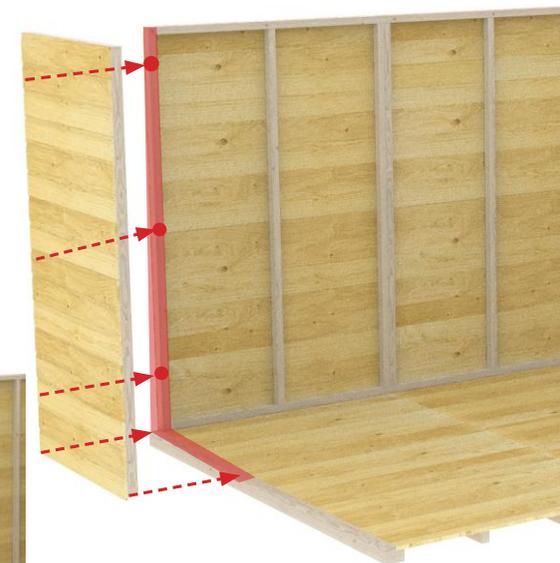
### 4ft LEFT PANELS

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



**7a.** Place the 3ft Blank Panel at the far left of the shed, connecting it with the rear sections. (Same placement as the right side 3ft panel just on the other side).

**7b.** Fix the panels together with screws as shown on the diagram. You may require some supports to keep the frame upright whilst building the longer sheds.



**DO NOT** screw the standing panels down to the floor just yet. Leave room for adjustments when the final frame is fitted.



7a.



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

## STEP • 8

### 4ft FRONT WINDOW PANEL

Fix the First 4ft Window Panel



#### 4FT WINDOW PANEL

**8a.** Start back from the Right side placing the 2ft Window Panel as shown. Fix together with screws to the right side panel framework.

**DO NOT screw the standing panels down to the floor just yet.** Leave room for adjustments when the final frame is fitted.



● = Drill Points using screws provided as shown



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

## STEP • 9

### DOOR PANEL

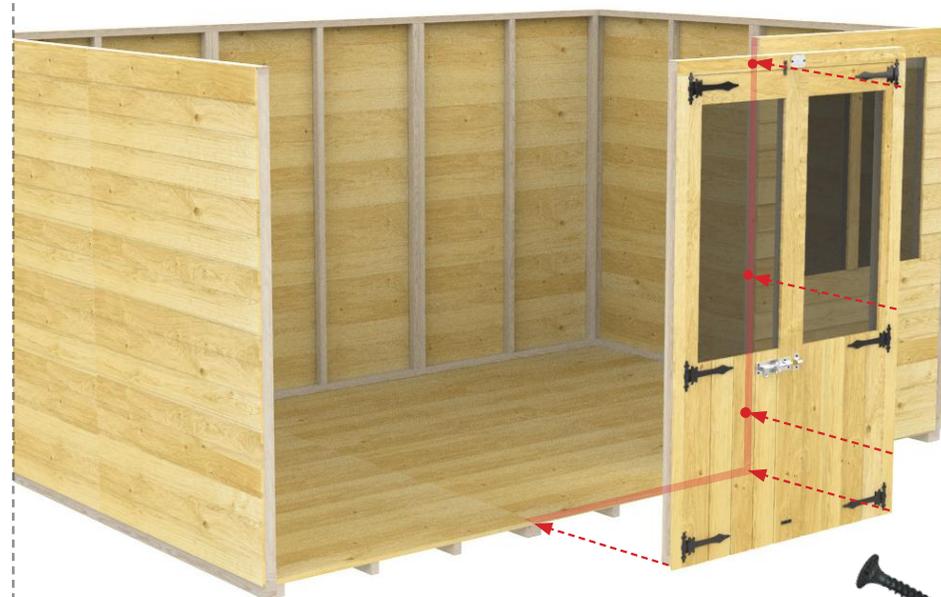
Attach Door Panel Next to the 4ft Window Panel



#### 4ft DOOR PANEL

**9a.** Now place the 4ft Door Panel as shown. Fix together with screws to the right side panel framework.

**DID YOU KNOW?**  
*Door panels can be placed anywhere a 4ft panel is, this counts for window panels too.*



● = Drill Points using screws provided as shown

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

## STEP • 10

### 4ft WINDOW PANEL

Attach The Next 4ft Window Panel



#### 4ft WINDOW PANEL

**10a.** This is the last remaining **Window 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 completed, check that the Build is square and screw to the base.**



● = Drill Points using screws provided as shown



## STEP • 11

### SIDE PENT ANGLE TOPS

Now attach all the 7ft Side Tops of Pent Shed End Panels. (Over the top of both side panels).



#### 7ft SIDE PENT ANGLE TOPS

**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



## STEP • 12

### 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 corresponding 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 tongue & groove are fixed together in place correctly. Use a hammer to lightly tap in to the grooves to create a perfect fit.



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

● = Drill Points using screws provided as shown



## STEP • 13

### 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 fix the Strips to the Shed.

#### INFORMATION

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



● = Drill Points using screws provided as shown



## STEP • 14

### 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 centre (Except from with the 6ft Model).

#### INFORMATION

Use these 100mm screws to secure the Roof panels together.



● = Drill Points using screws provided as shown

x4  
4.0 x 70mm  
Per Roof Panel

## STEP • 15

### 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.

#### INFORMATION

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

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



● = 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 7ft

The 12 by 7 needs 4 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

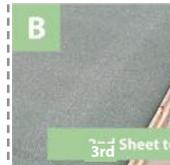
Use the felt lengths provided.



### ROOF FELT



**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.



**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.



TACKS PROVIDED

## STEP • 18

### ATTACH FELT STRIPS

Create the Final Roof Edges.  
Final steps finishing off the roof.



## STEP • 19

### DIAMOND CAPS

Add the Finishing Touch. (Optional)



#### 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.



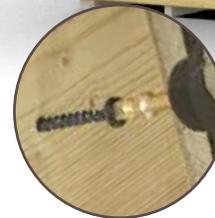
**NOTE:**  
**Location of the Felt Strips**

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



● = Drill Points using screws provided as shown

#### DIAMONS CAPS



**FINISHED!**

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**FINISHED**

*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.