



# Pent Summer House Assembly Manual

Pressure Treated Tanalised Timber for Longer Lasting Life!

## Ready To Build - 5ft Range

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

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 14x5ft Summer House**  
*Includes 4x5ft to 20x5ft 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*  
**14x5ft Pent Summer House**



**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.



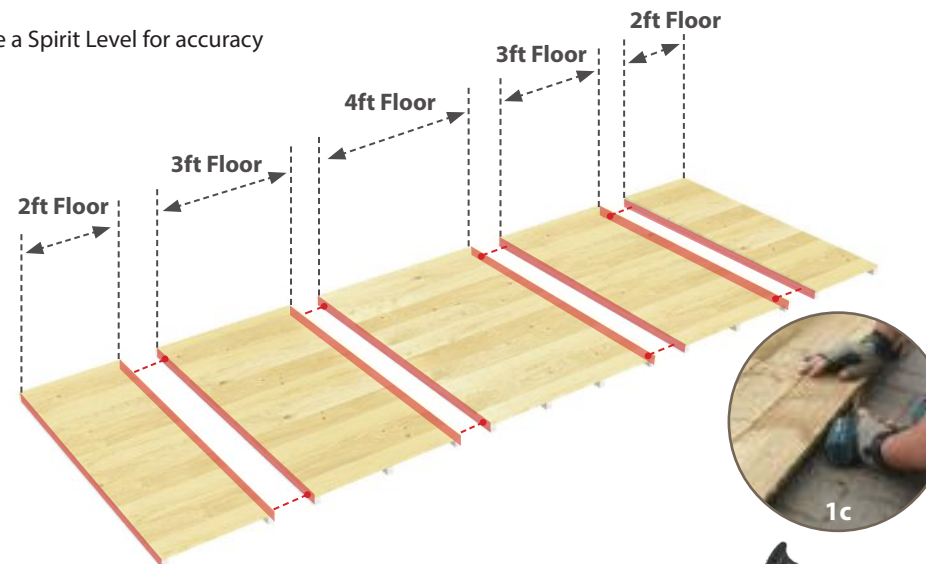
## SHED FLOOR: *Setting Shed Base*

**PLEASE NOTE:** All Shed Floors have the 4ft 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.

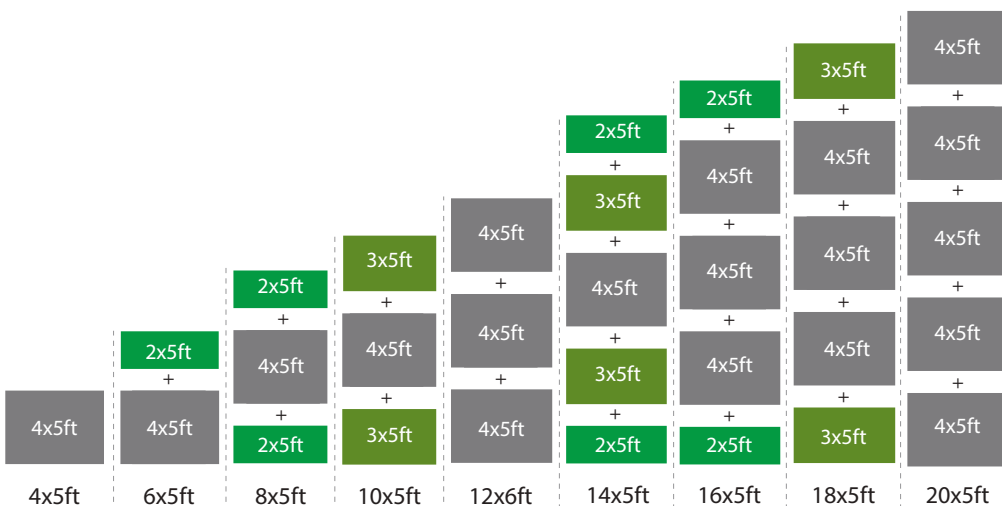
**1b.** Check that all floor sections are securely attached and in a straight line to avoid any problems later on the build stage.

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.



**IMPORTANT**  
**All Sheds With 3 or More Floor Pannels have the smallest Floor Panel on the End.**

*As shown on this diagram.*

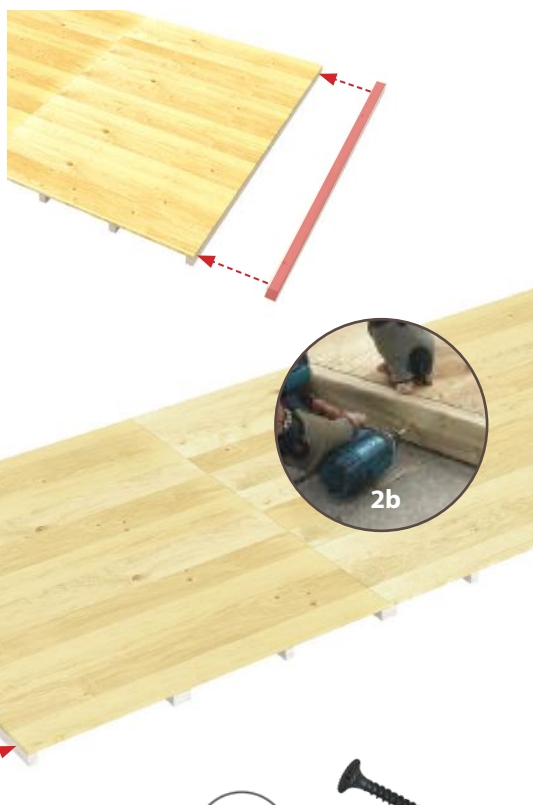


## FLOOR & BLOCK ENDS

Add the Floor Block Ends (Heavy Duty Posts)

**2a.** In your kit you should find 2x 5ft blocks

**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

## 2ft RIGHT SIDE PANEL

Place first panel againts far right of shed floor as shown.  
 (2ft wide blank panel)

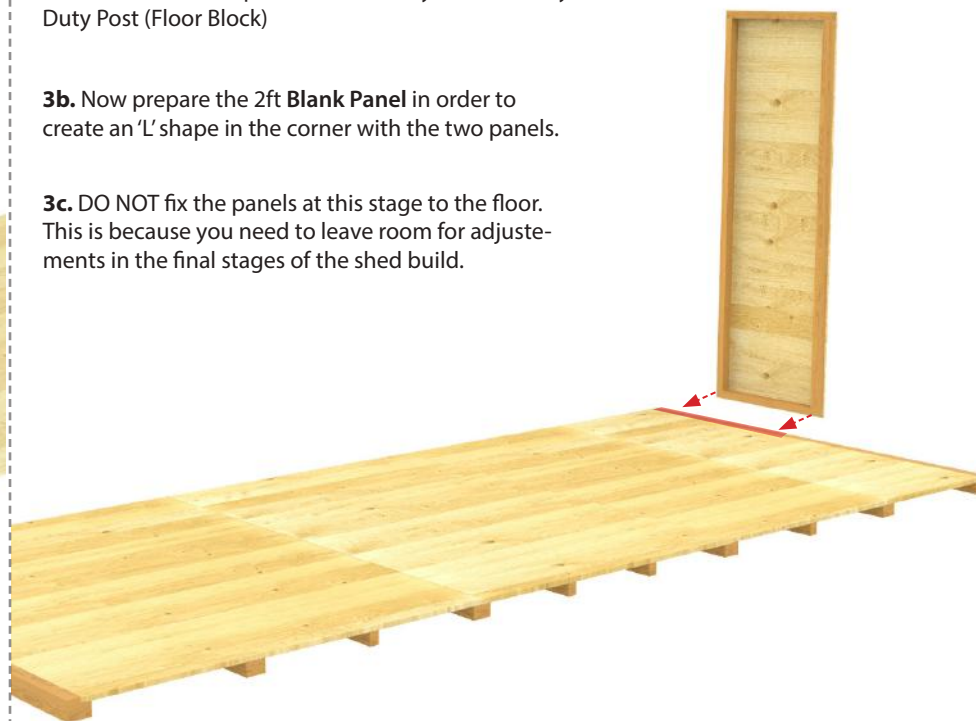


## 2FT RIGHT SIDE PANEL

**3a.** Place the 2ft 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.



● = Drill Points using screws provided as shown

## STEP • 4

### SIDE & REAR PANELS

Fix 2ft Wide Blank Sections. Create a Corner for Balance.



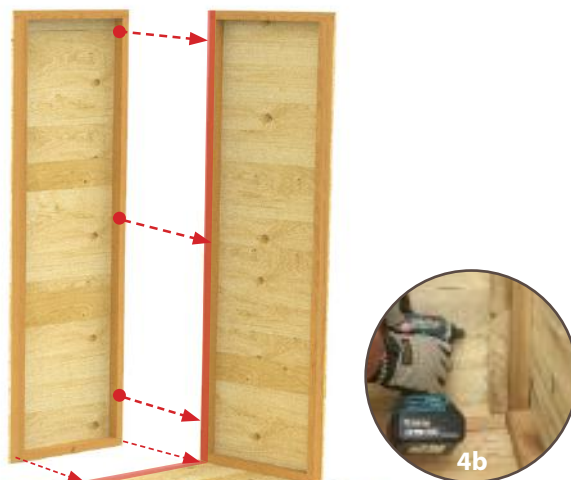
#### SIDE & REAR PANELS

**4a.** Place a 2ft 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

### 3ft SIDE PANEL

Place first panel againts far right of shed floor as shown.

(3ft wide blank panel)

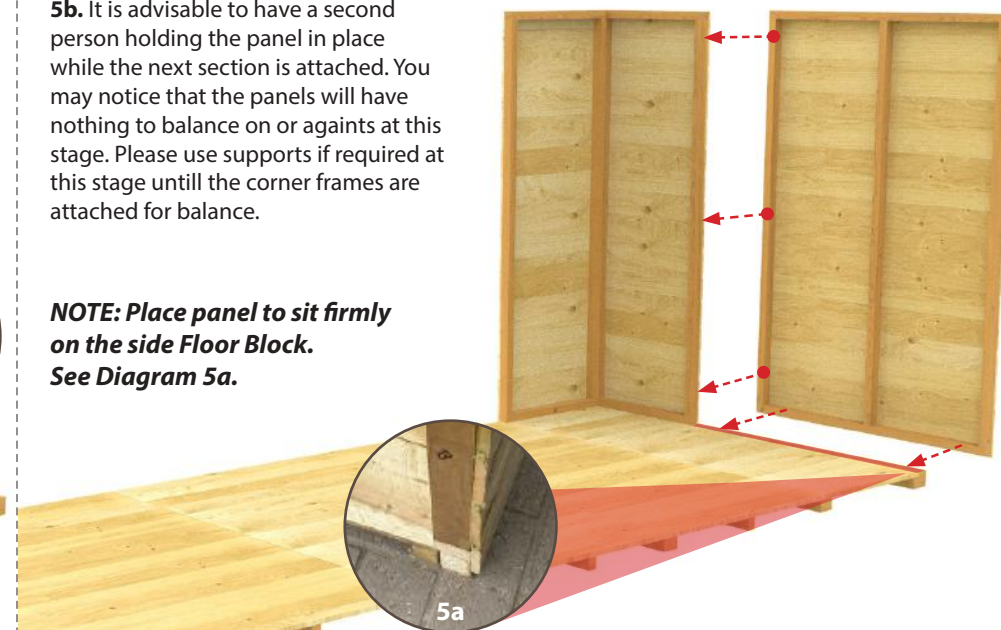


#### 3ft SIDE PANEL

**5a.** Place the 3ft 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 againts 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.



● = Drill Points using screws provided as shown

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

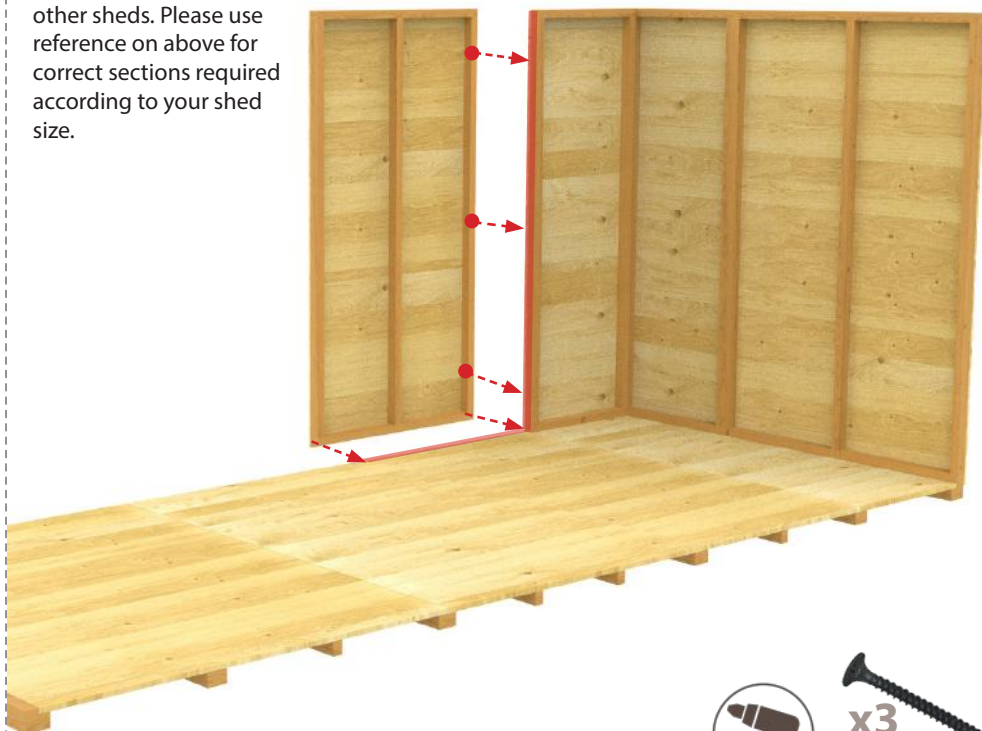
## 3ft REAR PANELS

Fix 3ft Wide Blank Section  
Back Panel 3ft Section



### 3ft REAR PANEL

**6a.** Now place a 3ft Blank Panel side as shown. Repeat this step for all other sheds. Please use reference on above for correct sections required according to your shed size.



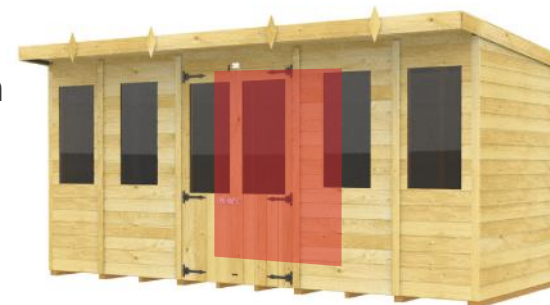
● = Drill Points using screws provided as shown



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

## 4ft REAR PANEL

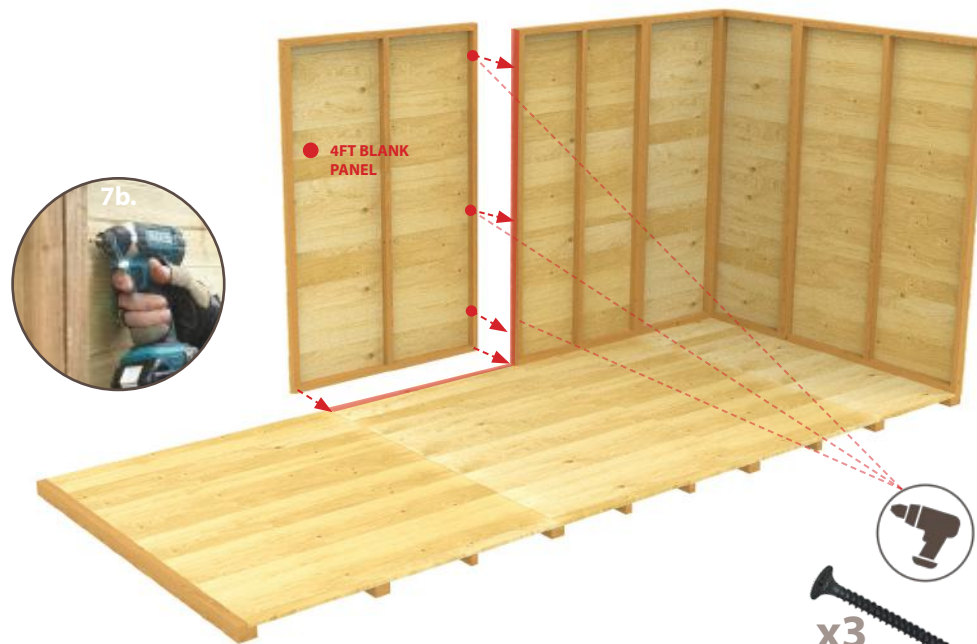
Fix 4ft Wide Blank Section  
Back Panel 4ft (Middle)



### 4ft REAR PANEL

**7a.** 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.

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



● = Drill Points using screws provided as shown



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

## STEP • 8

### 2ft LEFT SIDE PANEL

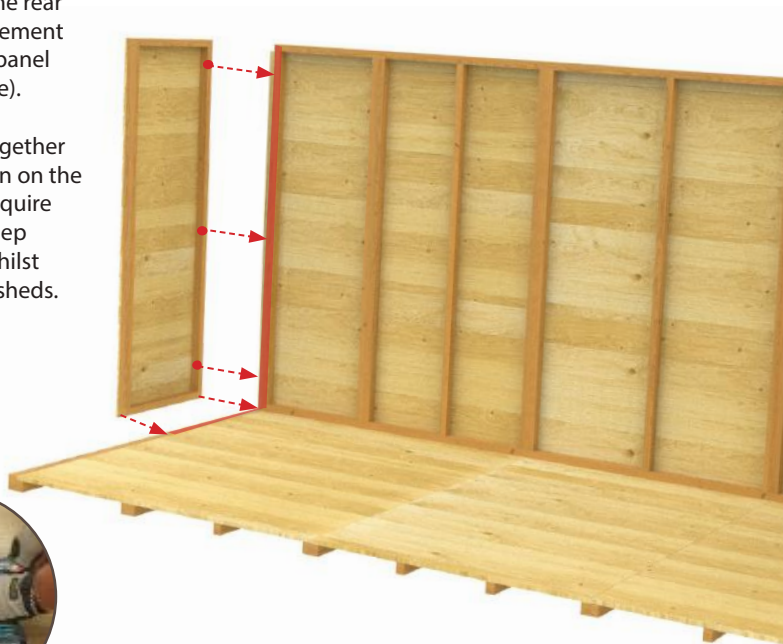
Attach 2ft Blank Section to the Left Side Wall



#### 2ft LEFT SIDE PANEL

**8a.** Place the 2ft Blank Panel at the far left of the shed, connecting it with the rear sections. (Same placement as the right side 2ft panel just on the other side).

**8b.** 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.



8a.

● = Drill Points using screws provided as shown

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



## STEP • 9

### 3ft LEFT SIDE PANEL

Now attach Left Side Panel (3ft wide section)



#### 3ft LEFT SIDE PANEL

**9a.** Place the 3ft Left side panel as shown below. Screw sections together as shown in diagram 9a.

**9b.** Check that all the frames are correctly fixed and screwed together from the sides. Use more screws to strengthen if necessary.



9a.

● = Drill Points using screws provided as shown

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



## FRONT WINDOW PANEL

Attach First Front Panel  
(2ft Window Panel)



### 2ft FRONT WINDOW PANEL

**10a.** Start back from the Right side placing the 2ft Window Panel as shown. Fix together with screws to the right side panel framework as shown in diagram 8a.

**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

**REMINDER**  
Only the 6ft, 8ft, 14ft and 16ft Summer Houses will have a 2ft Window Panel.



## FRONT WINDOW PANEL

Attach Second Front Window Panel  
(3ft Window Panel)



### 3ft FRONT WINDOW PANEL

**11a.** Place 3ft Window Panel as shown and fix in place at the meeting points with screws. Fix the panel sides with 3 screws.



● = Drill Points using screws provided as shown

**DID YOU KNOW?**  
Window panels can be placed anywhere a corresponding panel is. This counts for the door panel also.



## STEP • 12

### FRONT DOOR PANEL

Attach Door Front Panel  
(4ft Door Panel)



#### FRONT DOOR PANEL

**12a.** 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 Door Panel

## STEP • 13

### FRONT WINDOW PANELS

Attach Last Front Panel  
(2ft + 3ft Door Panel)



#### 3ft WINDOW PANELS



**13a.** Place the final front panel as shown (Below) to complete the outer framework. Then adjust and screw down the panels to the shed floor to make the build secure. This requires an extra 3x Screws.

**13b.** Make sure all panels are straight and screwed down firmly to each other to strengthen the outer framework before continuing.

● = Drill Points using screws provided as shown

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



## STEP • 14

### SIDE PENT ANGLE TOPS

Now attach all the 5ft Side Tops of Pent Shed End Panels. (Over the top of both side panels).



#### SIDE PENT ANGE TOPS

**14a.** Now place the 5ft slope together and use two 70mm screws to secure them together, making sure that they are in line.

**14b.** Once the Pent Angle Top has been constructed, use the screws to secure the Angle Tops to the sides.



● = Drill Points using screws provided as shown



x2  
4.0 x 70mm  
Per Angle Top

## STEP • 15

### PENT FRONT TOPS

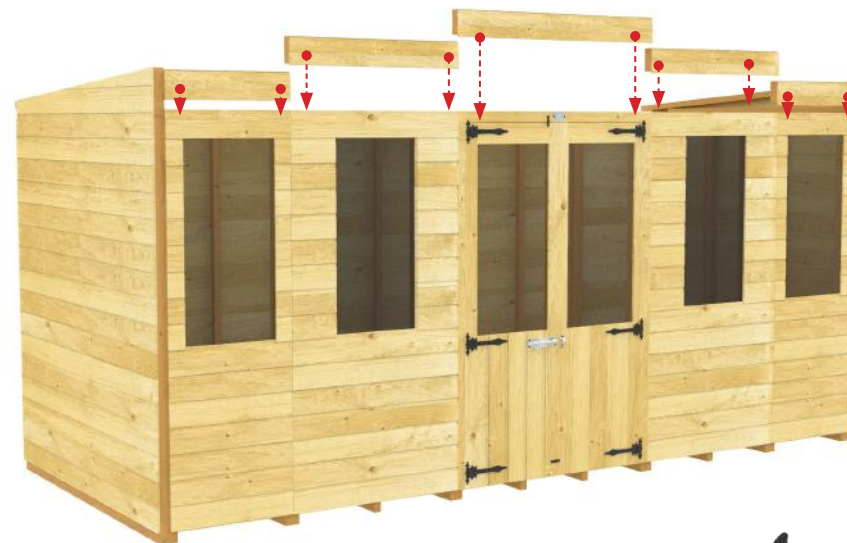
Place the front tops of shed. Use 2ft Section for below models.



#### PENT FRONT TOPS

**15a.** 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.

**15b.** 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.



● = Drill Points using screws provided as shown



x2  
4.0 x 70mm  
Per Front Top

**15c.** Attach the sections down by screwing through the inner framework of both panels.

## STEP • 16

### SIDE & CORNER STRIPS

Hide the panel edges.  
Cover the framework & seams.



### SIDE & CORNER STRIPS

**16a.** Use all the Side/Corner Strips to finish off the shed, by covering any exposed framework and the panel joining seams.

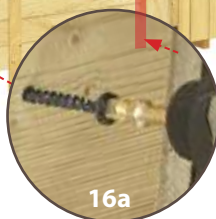
**16b.** Use a 3mm Drill bit to prevent the wood from splitting. Use the 70mm Screws to secure these Strips to place. it will take 3x screws to properly fix the Strips to the Shed.

#### 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



16a



x3  
4.0 x 70mm  
Per Corner Strip

## STEP • 17

### PENT ROOF PANELS

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



### PENT ROOF PANELS

**17a.** 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

## PENT ROOF OVERHANGS

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

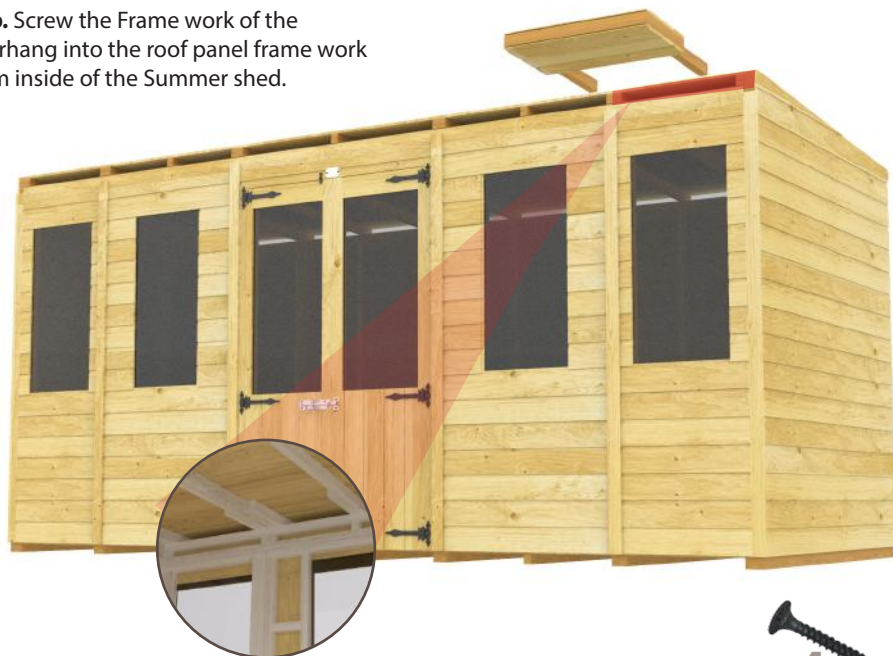


### PENT ROOF OVERHANGS

**18a.** Place the 2ft Roof Overhang into the clearing between the 2ft Window Panel and 2ft Roof panel. This should fit between the frame work.

**18b.** 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 corresponds with the same sized overhang.*



● = Drill Points using screws provided as shown



## CUTTING THE ROOF FELT

Use the felt table to cut your felt to the correct size



### CUTTING THE ROOF FELT

**19a.** 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 14ft x 5ft

The 14 by 5 needs 3 sheets of felt. All at 15ft 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	

## STEP • 20

### ATTACH THE ROOF FELT

Use the felt lengths provided.



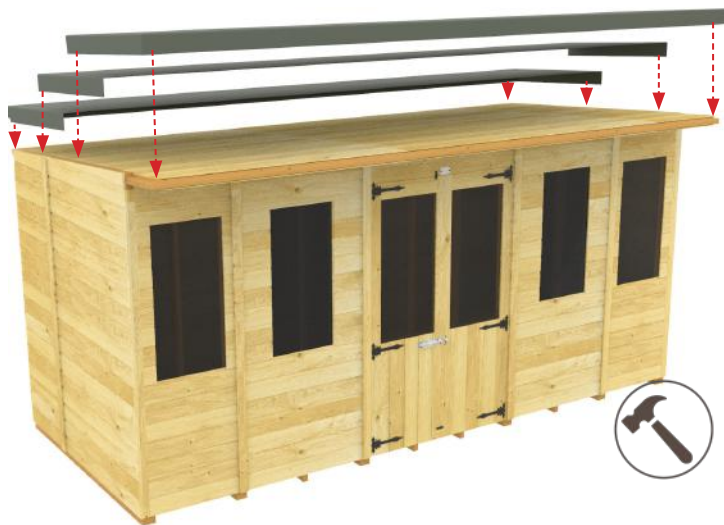
#### ROOF FELT



**20a.** Apply the roof felt as shown. Apply lower levels first to create correct rain run off positions.



**20b.** Using a hammer, tack down the felt with the tacks provided in a neat fashion.



**20c.** Trim down excess felt with a stanley knife. Remember to overlay the 1st felt to avoid rain leaks.



**20d.** 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 • 21

### ATTACH FELT STRIPS

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



#### FELT STRIPS

**21a.** 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.

**21b.** 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

**21c.** 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)



DIAMOND CAPS



● = Drill Points using screws provided as shown

**YOU'RE ALMOST DONE BUILDING YOUR SHED...**



**x1**  
4.0 x 38mm  
Per Diamond Cap

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



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.