

## Ready to Build - 4ft Range

Total Sheds  
 28 Charles Street,  
 Willenhall, WV13 1HG  
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 Email: info@totalsheds.co.uk

**Thank you for purchasing your Total Shed.**

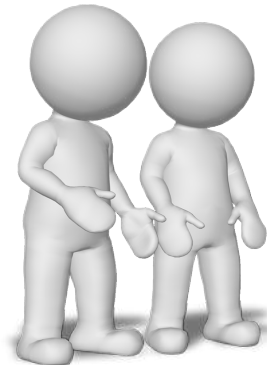
All of our sheds are made from only the finest selected timber which are (Tanalised), specially pressure treated for a longer and lasting durable life span to the elements.

**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 to Build:**

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



**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*

**Includes 4x4ft to 20x4ft Instructions**

*Featured Build of the Pent 10x4ft Shed*



Check List: See your shed size for details.  
Your delivery should contain the following:

## FLEXIBLE, INTER-CHANGEABLE PANELS FOR YOUR INDIVIDUAL STYLE & PREFERENCE...

If your thinking of mixing it up then just a few key points to bare in mind.

All 4ft panels can be fitted in any order but 2ft panels must always be fitted on far left of shed build.

Take a few moments to study the manual and get an idea of how your shed should look after each step.

# 20x4ft Pent Range

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## 4x4ft PENT SHED



### 4x4ft Pack

- x1 Floor (4x4ft)
- x1 Pent Roof Section (4x4ft)
- x2 Pent Angle Tops (4ft)
- x1 Pent Roof Top (4ft)
- x2 Blank Panels (4ft Wide)
- x1 Door Panel  Single  Double
- x1 Window Panel
- x2 Heavy Duty Posts (4ft)
- x4 Felt Strips (4ft)
- x4 Corner Strips
- x2 Diamond Caps
- x2 Roof Felt (5ft Lengths)
- x1 Fixing Kit  
(found in the polytube pack)
- Instruction Manual

Checked & Signed by:



## 6x4ft PENT SHED



### 6x4ft Pack

- Floors  1x (4x4ft)  1x (2x4ft)
- Pent Roof Sections  1x (4x4ft)  1x (2x4ft)
- Pent Roof Tops  1x (4x4ft)  1x (2x4ft)
- x2 Blank Panels (4ft Wide)  x2 Panels (2ft Wide)
- x2 Pent Angle Tops (4ft)
- x1 Door Panel  Single  Double
- x1 Window Panel
- x2 Heavy Duty Posts (4ft)
- x4 Felt Strips (4ft)
- x2 Felt Strips (2ft)
- x6 Corner Strips
- x2 Diamond Caps
- x2 Roof Felt (7ft Lengths)
- x1 Fixing Kit  
(found in the polytube pack)
- Instruction Manual

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## 8x4ft PENT SHED



### 8x4ft Pack

- x2 Floors (4x4ft)
- x2 Pent Roof Section (4x4ft)
- x2 Pent Angle Tops (4ft)
- x2 Pent Roof Tops (4ft)
- x4 Blank Panels (4ft Wide)
- x2 Heavy Duty Posts (4ft)
- x1 Door Panel
- x1 Window Panel
- x6 Felt Strips (4ft)
- x6 Corner Strips
- x2 Diamond Caps
- x2 Roof Felt (9ft Lengths)
- x1 Fixing Kit  
(found in the polytube pack)
- Instruction Manual

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## 10x4ft PENT SHED



### 10x4ft Pack

- Floors  2x (4x4ft)  1x (2x4ft)
- Pent Roof Sections  2x (4x4ft)  1x (2x4ft)
- Pent Roof Tops  2x (4x4ft)  1x (2x4ft)
- x4 Blank Panels (4ft Wide)  x2 Panels (2ft Wide)
- x2 Pent Angle Tops (4ft)
- x1 Door Panel  Single  Double
- x2 Heavy Duty Posts (4ft)
- x1 Window Panel
- x6 Felt Strips (4ft)
- x2 Felt Strips (2ft)
- x8 Corner Strips
- x4 Diamond Caps
- x2 Roof Felt (11ft)
- x1 Fixing Kit  
(found in the polytube pack)
- Instruction Manual

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## 12x4ft PENT SHED



### 12x4ft Pack

- x3 Floors (4x4ft)
- x2 Heavy Duty Posts (4ft)
- x3 Pent Roof Section (4x4ft)
- x2 Pent Angle Tops (4ft)
- x3 Pent Roof Tops (4ft)
- x5 Blank Panels (4ft Wide)
- x2 Window Panels
- x1 Door Panel  
 Single  
 Double
- x8 Felt Strips (4ft)
- x8 Corner Strips
- x4 Diamond Caps
- x2 Felt (13ft Length)
- x1 Fixing Kit  
(found in the polytube pack)
- Instruction Manual

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## 14x4ft PENT SHED

### 14x4ft Pack

- Floors  3x (4x4ft)  1x (2x4ft)  
Pent Roof Sections  3x (4x4ft)  1x (2x4ft)  
Pent Roof Tops  3x (4x4ft)  1x (2x4ft)
- x5 Blank Panels (4ft Wide)  x2 Panels (2ft Wide)  
 x2 Pent Angle Tops (4ft)  
 x1 Door Panel  Single  Double  
 x2 Heavy Duty Posts (4ft)  
 x2 Window Panels  
 x8 Felt Strips (4ft)  
 x2 Felt Strips (2ft)  
 x10 Corner Strips  
 x6 Diamond Caps  
 x2 Roof Felt (15ft Lengths)  
 x1 Fixing Kit  
(found in the polytube pack)  
 Instruction Manual



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## 16x4ft PENT SHED

### 16x4ft Pack

- x4 Floors (4x4ft)  
 x4 Pent Roof Section (4x4ft)  
 x2 Pent Angle Tops (4ft)  
 x4 Pent Roof Tops (4ft)  
 x6 Blank Panels (4ft Wide)  
 x2 Heavy Duty Posts (4ft)  
 x1 Door Panel  
 x3 Window Panels  
 x10 Felt Strips (4ft)  
 x10 Corner Strips  
 x6 Diamond Caps  
 x2 Roof Felt (17ft Lengths)  
 x1 Fixing Kit  
(found in the polytube pack)  
 Instruction Manual



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## 18x4ft PENT SHED

### 18x4ft Pack

- Floors  4x (4x4ft)  1x (2x4ft)  
Pent Roof Sections  4x (4x4ft)  1x (2x4ft)  
Pent Roof Tops  4x (4x4ft)  1x (2x4ft)
- x6 Blank Panels (4ft Wide)  x2 Panels (2ft Wide)  
 x2 Pent Angle Tops (4ft)  
 x1 Door Panel  Single  Double  
 x2 Heavy Duty Posts (4ft)  
 x3 Window Panels  
 x10 Felt Strips (4ft)  
 x2 Felt Strips (2ft)  
 x12 Corner Strips  
 x8 Diamond Caps  
 x2 Roof Felt  
(19ft Lengths)

- x1 Fixing Kit  
(found in the polytube pack)  
 Instruction Manual



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## 20x4ft PENT SHED

### 20x4ft Pack

- x5 Floors (4x4ft)  
 x5 Pent Roof Section (4x4ft)  
 x2 Pent Angle Tops (4ft)  
 x5 Pent Roof Tops (4ft)  
 x7 Blank Panels (4ft Wide)  
 x2 Heavy Duty Posts (4ft)  
 x1 Door Panel  
 x4 Window Panels  
 x12 Felt Strips (4ft)  
 x12 Corner Strips  
 x8 Diamond Caps  
 x2 Roof Felt  
(21ft Lengths)

- x1 Fixing Kit  
(found in the polytube pack)  
 Instruction Manual



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## Unpacking your parts:

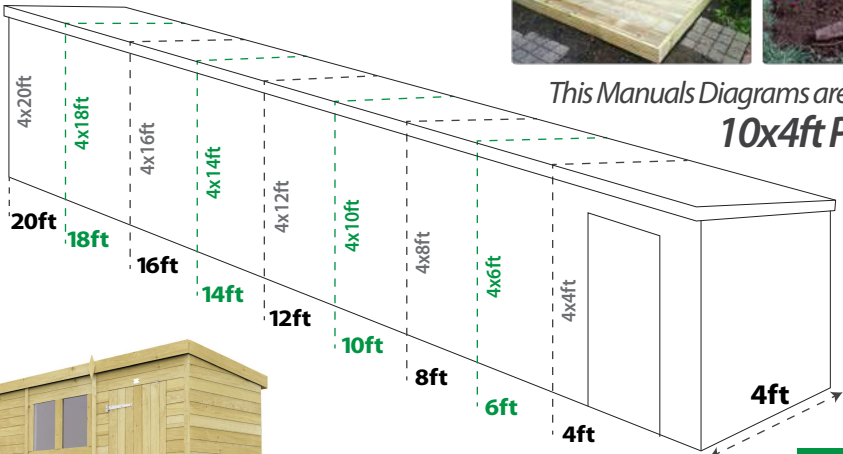
Unpack all of the components and check that you have all the parts required. Please use the checklist on previous page.

**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



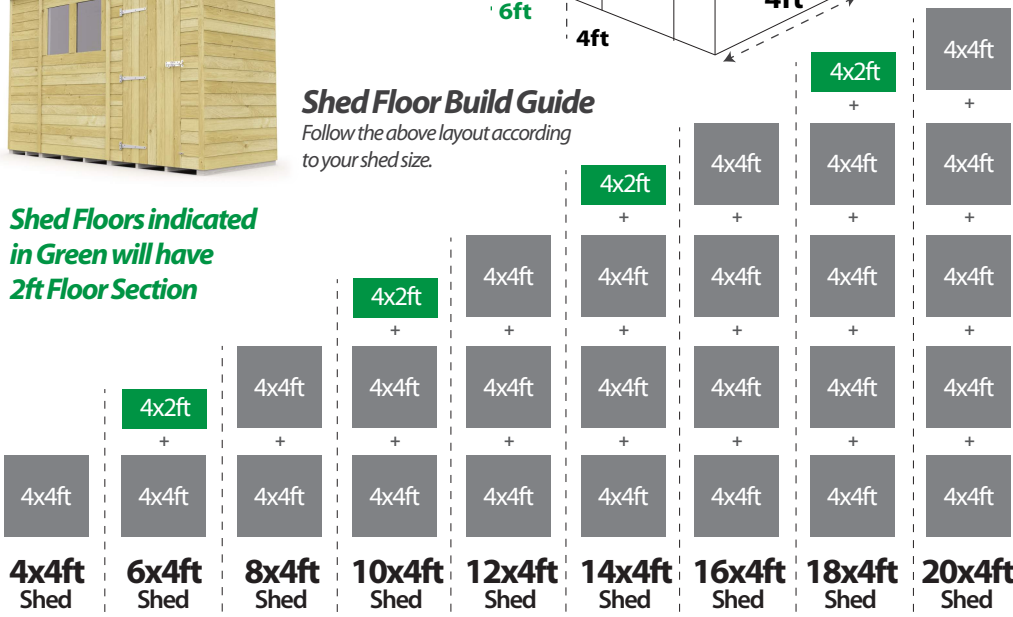
This Manuals Diagrams are based on the 10x4ft Pent Shed



### Shed Floor Build Guide

Follow the above layout according to your shed size.

Shed Floors indicated in Green will have 2ft Floor Section



**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: Set your shed base.

**NOTE:** 4x4ft Sheds Please Skip to STEP 2 6x4ft Sheds add 2ft floor

You **MUST** lay the 2ft floor first then repeat step by following the below chart.

**PLEASE NOTE:** 6ft • 10ft • 14ft & 18ft Sheds always start with laying 2x4ft Floor First! then...

Repeat Steps with 4x4ft Floors as shown below:

8x4ft Repeat x1

10x4ft Repeat x1

12x4ft Repeat x2

14x4ft Repeat x3

16x4ft Repeat x3

18x4ft Repeat x3

20x4ft Repeat x4

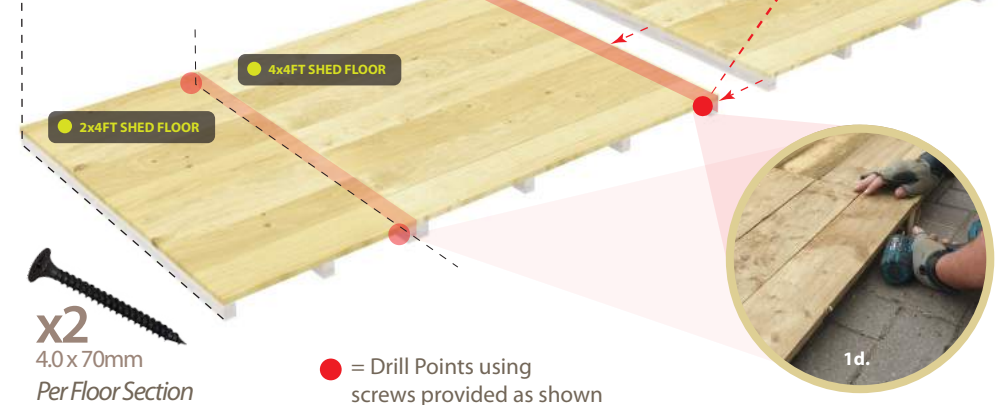
**1a.** Place the 4ft side ends of the floors to match as below, then screw together using screws provided at the end of the bearer points. Use RED areas as joining points.

**1b.** Repeat this process for larger sheds in similar fashion.

**1c.** 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 if need be to get accurate results.

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

### 6x4ft Sheds: Add 2ft floor



x2  
4.0 x 70mm  
Per Floor Section

● = Drill Points using screws provided as shown

## FLOOR & BLOCK ENDS

### Add the Floor Block Ends. (Heavy Duty Posts)



**IMPORTANT**  
6ft, 10ft, 14ft  
& 18ft Sheds must  
add 2ft floor on left end.

As shown on this diagram.

**PLEASE NOTE:** Larger sheds will have extra floor sections so please ensure all sections are connected correctly then the Floor Blocks are added only after the floor is complete.



2b.

**2a.** Place the 4ft long Floor Block Ends provided on both ends of the floor alongside existing floor bearers as shown below.

**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. 3 screws on each end will suffice.



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2a.

10x4FT SHED FLOOR LAYOUT

SHED FRONT

HEAVY DUTY POSTS



x3  
4.0 x 70mm  
Per Gable Section

● = Drill Points using screws provided as shown



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## FIRST 4ft SIDE PANEL

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



**IMPORTANT**  
Start **Build** point from **Left to Right** of Shed.  
As shown on the diagram.

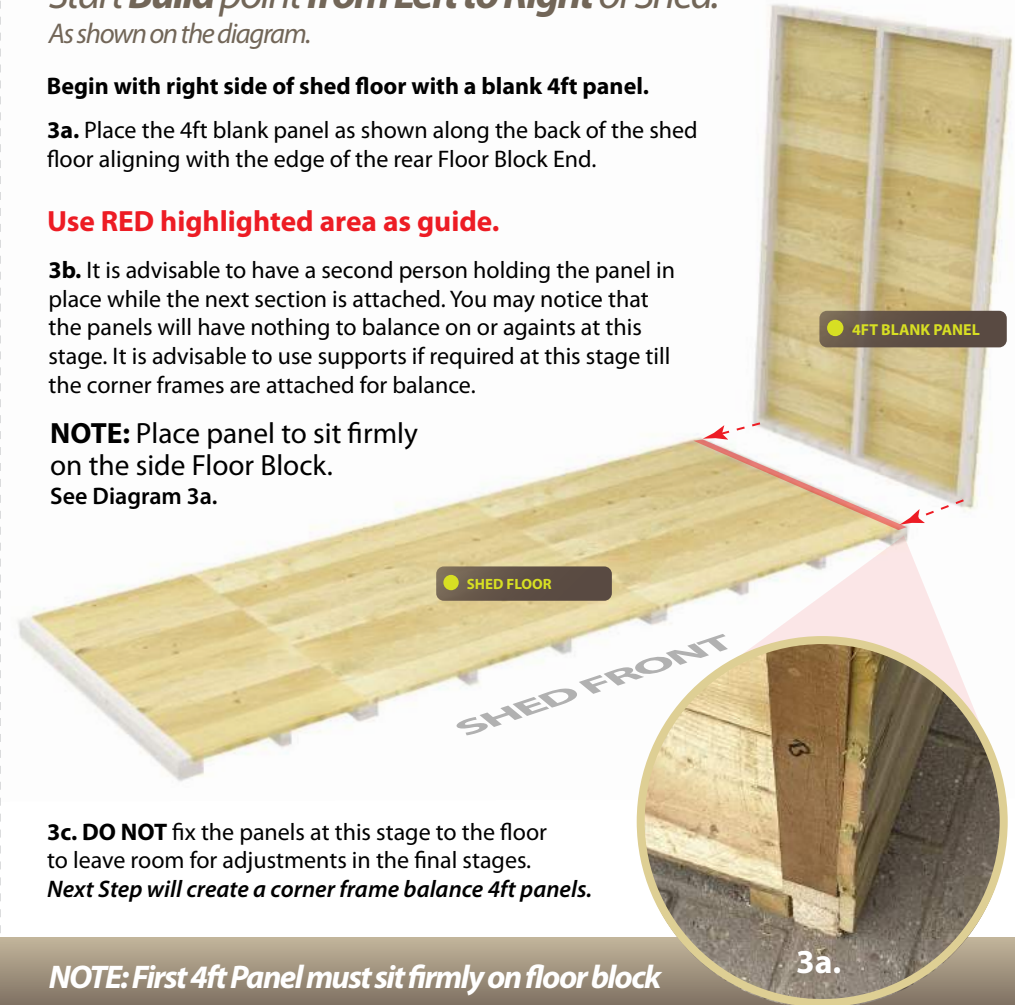
**Begin with right side of shed floor with a blank 4ft panel.**

**3a.** Place the 4ft blank panel as shown along the back of the shed floor aligning with the edge of the rear Floor Block End.

**Use RED highlighted area as guide.**

**3b.** 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. It is advisable to use supports if required at this stage till the corner frames are attached for balance.

**NOTE:** Place panel to sit firmly on the side Floor Block.  
See Diagram 3a.



SHED FLOOR

SHED FRONT

4FT BLANK PANEL

3a.

**3c. DO NOT** fix the panels at this stage to the floor to leave room for adjustments in the final stages.  
Next Step will create a corner frame balance 4ft panels.

**NOTE:** First 4ft Panel must sit firmly on floor block



## SIDE & REAR PANELS

### Fix 4ft Wide Blank Sections

### Create Corner for Balance.

Repeat Steps with 4ft Blank Panels as shown below:

8x4ft Repeat x1

10x4ft Repeat x1

12x4ft Repeat x2

14x4ft Repeat x3

16x4ft Repeat x3

18x4ft Repeat x3

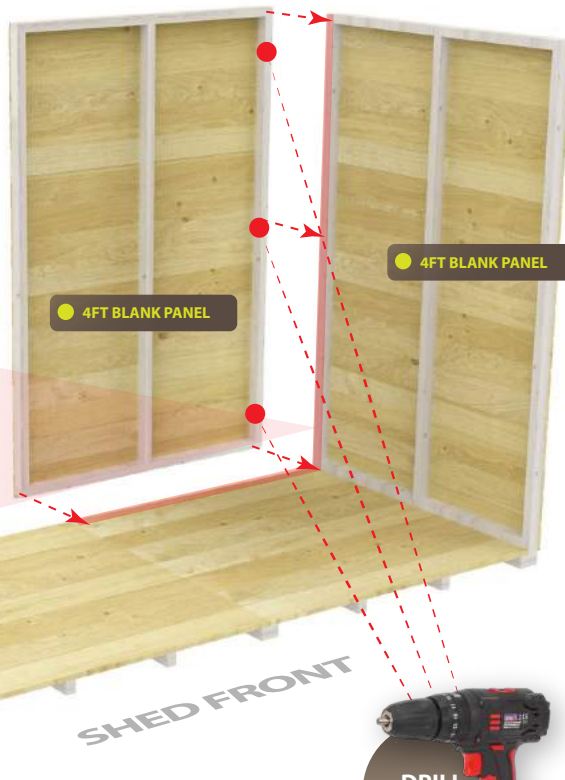
20x4ft Repeat x4

● = Drill Points using screws provided as shown



**4a.** Now place a blank 4ft panel side as shown. Repeat this step for all larger sheds. Please use reference on left for additional sections required according to your shed size.

**4b.** Screw the panels alongside the framework as shown in **Diagram 4b.** For repeat back panels see Diagram 5b on next step



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

**4c. DO NOT** fix the panels at this stage to the floor to leave room for adjustments in the final stages.



## 2ft REAR PANELS

### Fix 2ft Wide Blank Section

### Last Back Panel 2ft Section

**NOTICE:**

4x8ft **SKIP Step**

4x12ft **SKIP Step**

4x16ft **SKIP Step**

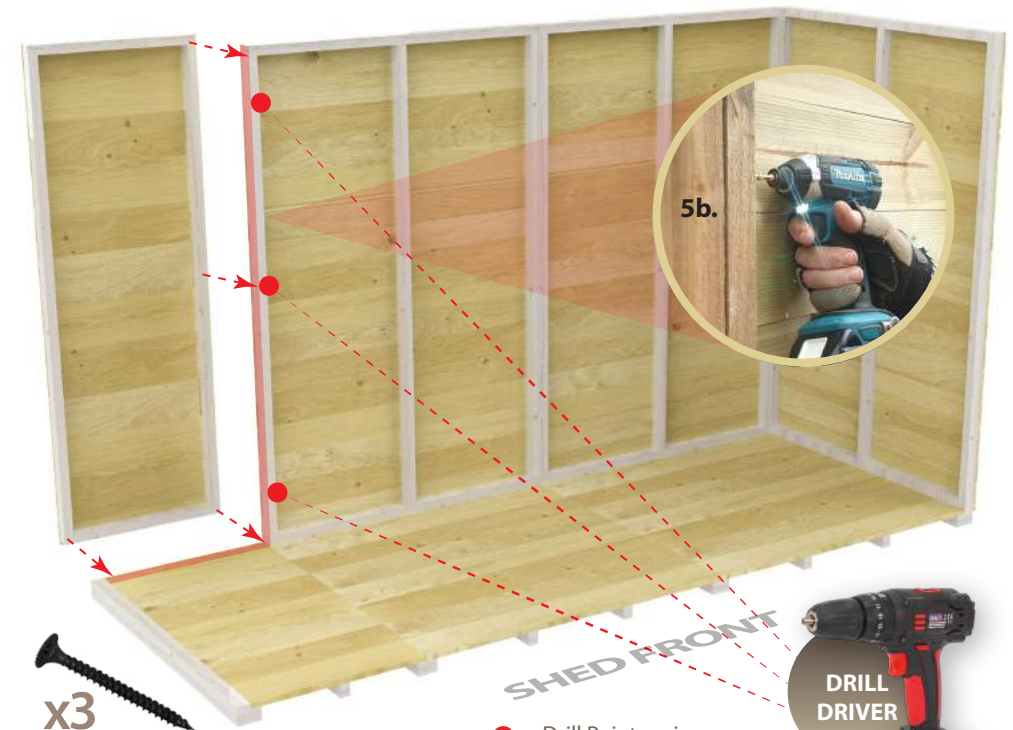
4x20ft **SKIP Step**

Jump to Step 6

**5a.** Place the 2ft panel side against the corner of the back 2ft floor as shown making sure the panel is sitting firmly on the shed floor and the side meeting the framework of the back 4ft blank panel.

**5b.** Fix the panels together with screws as shown in diagram. You may require some supports to keep the frame upright whilst building longer sheds.

Use RED Area as placement guide.



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

● = Drill Points using screws provided as shown



## RIGHT SIDE PANEL

### Now attach Right Side Panel (4ft wide section)

**6a.** Place the 4ft right side panel as shown below. Screw sections together as shown in diagram 6a.

**6b.** Check that all the frames are correctly fixed and screwed together from the sides. Use more screws to strengthen if necessary.

● = Drill Points using screws provided as shown

Use Red Area as placement guide.



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

## FRONT DOOR PANEL

### Attach final Front Panel (4ft Panel: Single or Double Door)

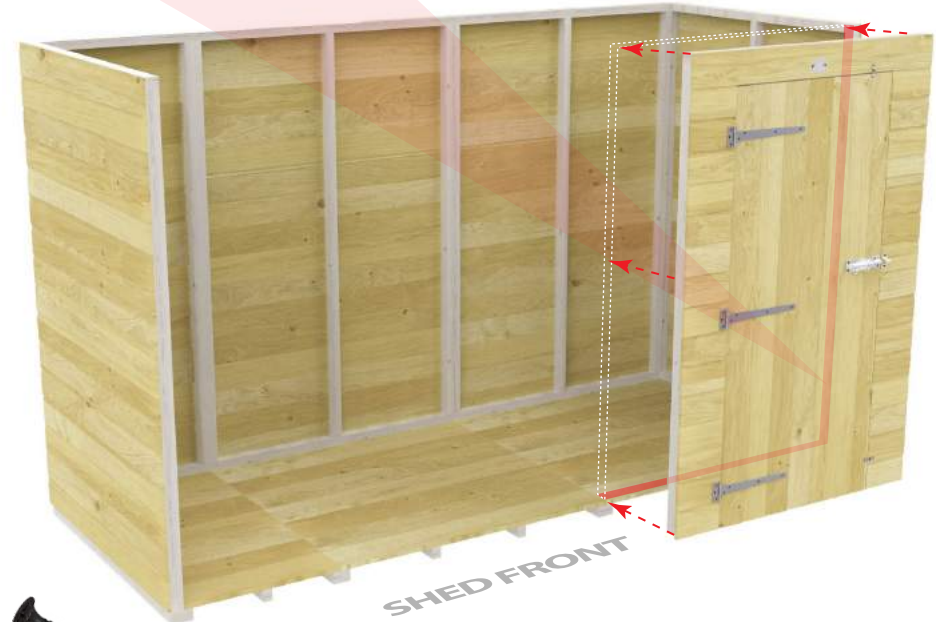
**7a.** Now start back from the Right side placing the 4ft Door Panel as shown. Fix together with screws to the right side panel framework as shown in diagram 7a.

#### 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

Use Red Area as placement guide.



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

## WINDOW PANELS

### Attach Window Panels (4ft Window Panels Repeated)

Repeat Steps with 4ft Blank Panels as shown below:

8x4ft Repeat x1

10x4ft Repeat x1

12x4ft Repeat x2

14x4ft Repeat x3

16x4ft Repeat x3

18x4ft Repeat x3

20x4ft Repeat x4

● = Drill Points using screws provided as shown

8a. Place 4ft front window panel as shown and fix in place at the meeting points with screws. Fix the panel sides with 3 screws.

8b. Repeat this step for larger models as shown on the diagram to the left.

**DID YOU KNOW?**

Window panels can be placed anywhere a 4ft panel is, this counts for door panel too.

Use the RED Area as placement guide.



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



## 2ft FRONT PANEL

### Place the Final 2ft Panel For 6ft, 10ft, 14ft & 18ft Sheds



9a. 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.

**NOTICE:**

4x8ft SKIP Step

4x12ft SKIP Step

4x16ft SKIP Step

4x20ft SKIP Step

Jump to Step 10

9b. Use the RED areas below as reference to the joining points of the final panel. Note the 2ft section should fit perfectly to complete the front section.

9c. 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



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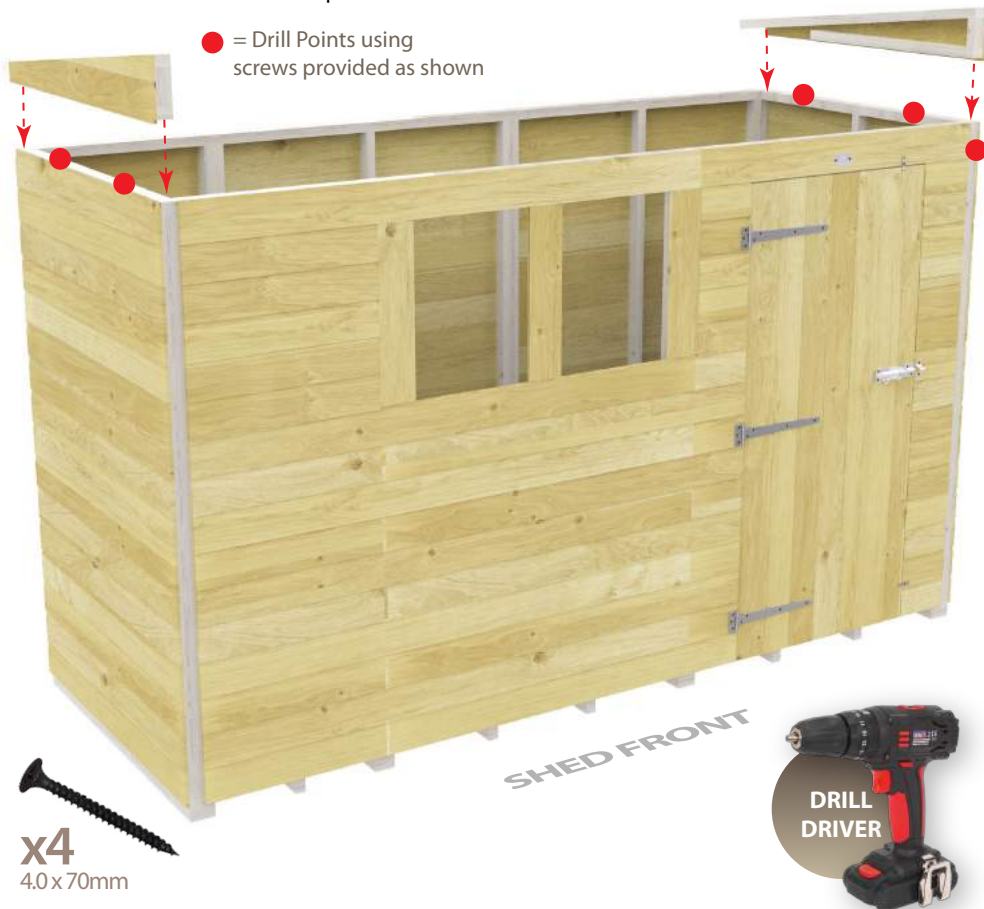


## SIDE PENT ANGLE TOPS

### Now attach all the Side Tops of Pent Shed End Panels.



- 10a.** Place the right and left Pent Angle Tops as shown below. Make sure the higher ends are at the front of the shed as shown in the diagram below.
- 10b.** 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.
- 10c.** Attach the sections down by screwing through the inner frameworks of both panels.

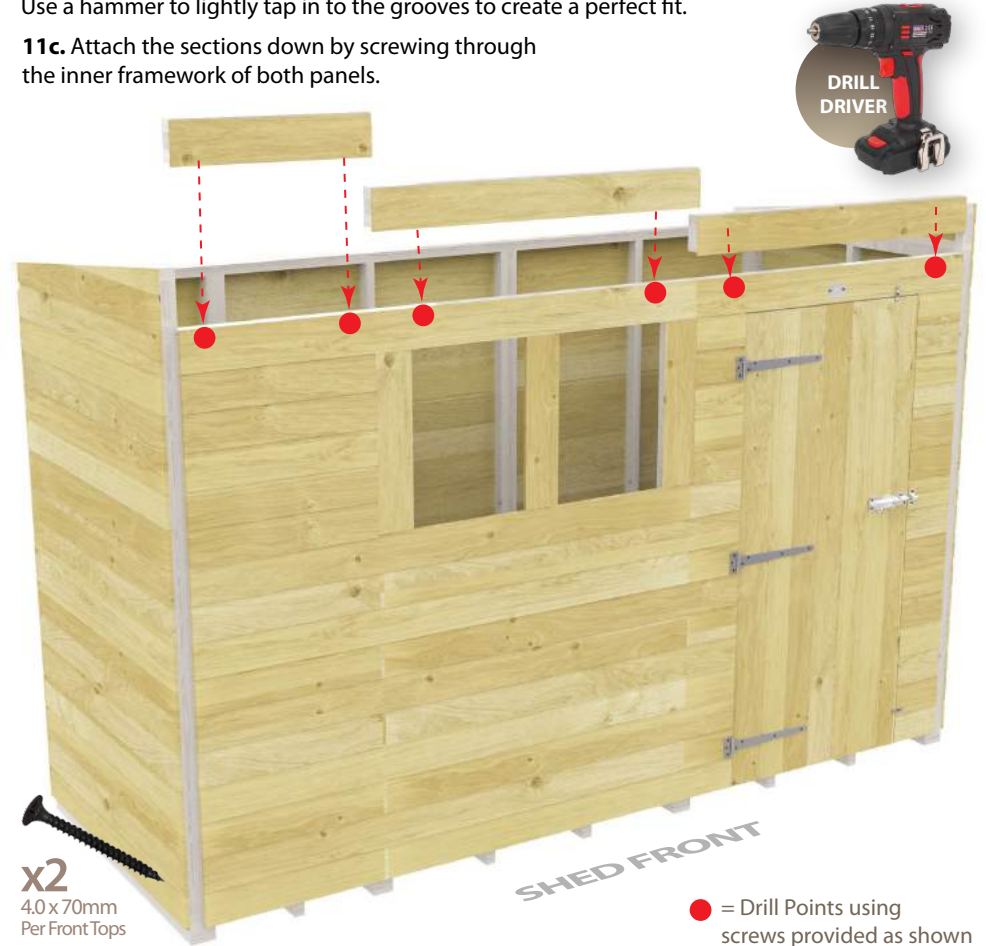


## PENT FRONT TOPS

Place the front tops of shed.  
Use 2ft Section for below models.  
**4x6ft • 4x10ft • 4x14ft • 4x18ft**



- 11a.** Place the 4ft Pent Front Top sections in place. Use any 2ft sections if your shed size is one of the above. Make sure the 2ft section is placed on top of the 2ft front panel only as shown in the diagram.
- 11b.** 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.
- 11c.** Attach the sections down by screwing through the inner framework of both panels.



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## SIDE & CORNER STRIPS

Hide the panel edges.  
Cover the framework & seams.

**12a.** Use all the side/corner strips to finish off the shed, by covering any exposed framework and the panel joining seams.

**12b.** Fix the strips down by using 3 screws to secure them to the shed. This will create a nice finish and hide any gaps on the outer walls of framework, front and back.



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● = Drill Points using screws provided as shown



## PENT ROOF PANELS

Place 4ft roof section.  
Repeat for larger models as shown.



*Repeat Steps with 4ft Roof Panels as shown below:*

**8x4ft** Repeat x1

**10x4ft** Repeat x1

**12x4ft** Repeat x2

**14x4ft** Repeat x3

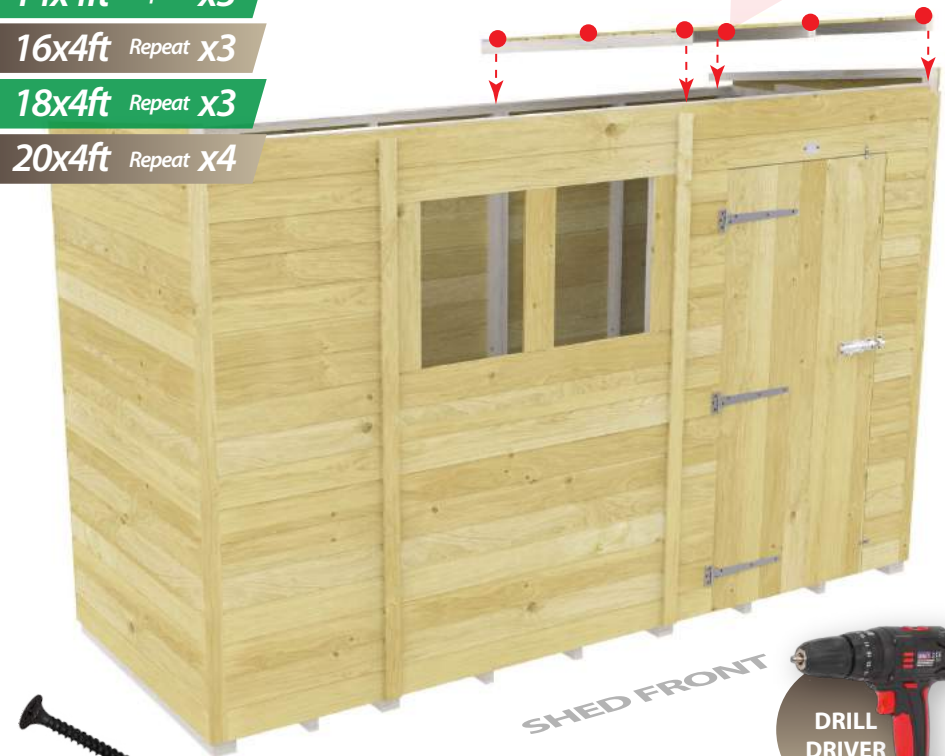
**16x4ft** Repeat x3

**18x4ft** Repeat x3

**20x4ft** Repeat x4

**13a.** Place the 4x4ft roof section in place. Repeat this stage for models as shown below. 2ft roof section will follow last. Shown in Step 14.

**13b.** Screw the roof panel down as shown in diagram 13b.



● = Drill Points using screws provided as shown



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## 2ft ROOF SECTION

Place 2ft roof section last.  
4x6ft • 4x10ft • 4x14ft • 4x18ft Sheds

**14a.** Place the 2ft roof section at the far left end of roof if your shed size is a 6ft, 10ft, 14ft & 18ft.

**14b.** Please note that the roof sections should sit firmly on the top of the front and rear panels and have the same height as the side Pent Angle Tops.

**14c.** You will notice the gaps in the roof as above. This is normal and will be covered by the roof felt material once applied.



● = Drill Points using screws provided as shown

**NOTICE:**

4x8ft **SKIP Step**

4x12ft **SKIP Step**

4x16ft **SKIP Step**

4x20ft **SKIP Step**

Jump to Step 15



14b.

DRILL DRIVER

x4  
4.0 x 70mm

SHED FRONT

Make final adjustments if required.

# NOW DRILL SHED TO THE FLOOR

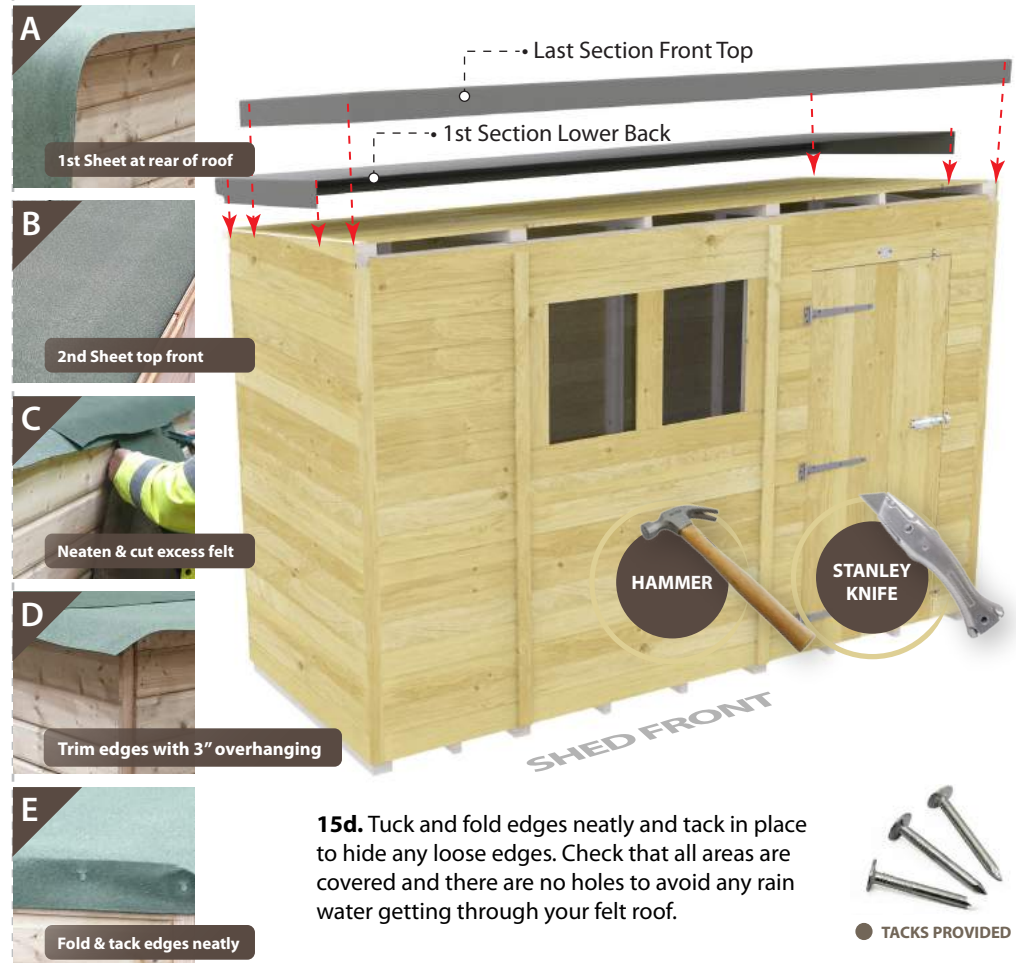
## ATTACH THE ROOF FELT

Use the felt lengths provided.

**15a.** Apply the roof felt as shown. Apply lower levels first to create correct rain run off positions.

**15b.** Using a hammer, tack down the felt with the tacks provided in a neat fashion.

**15c.** Trim down excess felt with a stanley knife. Remember to overlay the 1st felt to avoid rain leaks.



A

1st Sheet at rear of roof

B

2nd Sheet top front

C

Neaten & cut excess felt

D

Trim edges with 3" overhanging

E

Fold & tack edges neatly

HAMMER

STANLEY KNIFE

**15d.** 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

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

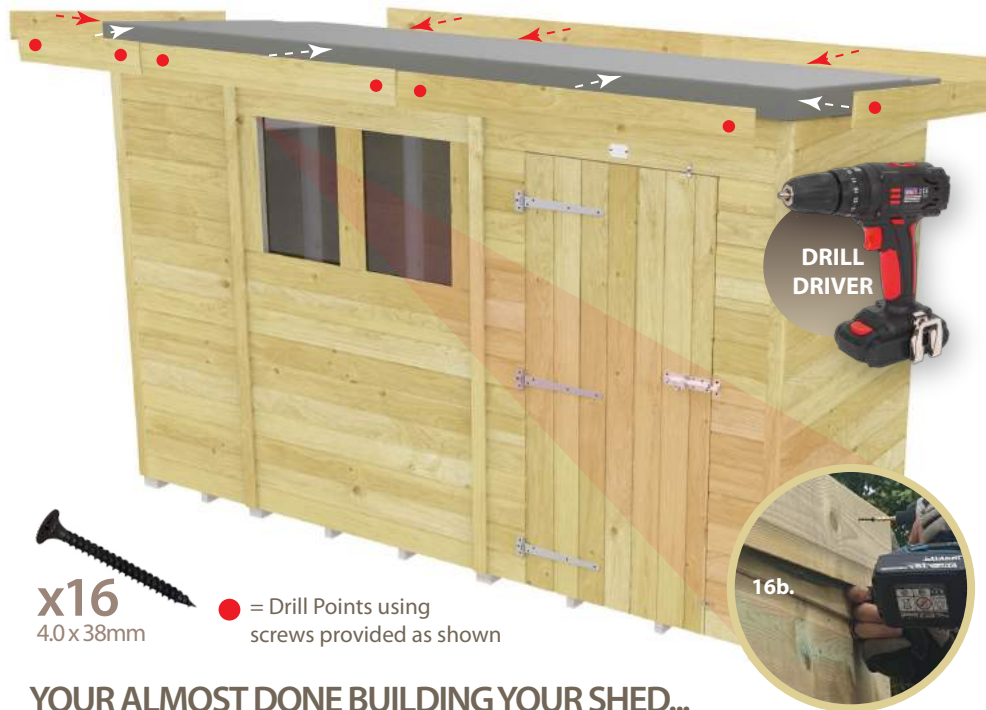
**16a.** Using the felt strips provided cover the edges of the roofs and ends of the roof felt. You will need to measure these and saw to fit to your requirements and create the perfect roof finish as shown below.

**16b.** 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.

**16c.** Felt Strips must be same height as roofing felt to allow rain water to run off. See Diagram on the right.



**Note:** Felt Strip Positions



**x16**  
4.0x38mm

● = Drill Points using screws provided as shown

**YOUR ALMOST DONE BUILDING YOUR SHED...**

## DIAMOND CAPS Add the Finishing Touch.

**17a.** Using the provided Diamond Caps you can create a nice finishing touch to the Pent Shed. This also covers the seam between the Felt Strips and hides any visible joints.

**17b.** Double check your shed for any loose bits or areas that need further strengthening or additional screws to secure further.

● = Drill Points using screws provided as shown



**x2**  
4.0x38mm

**DRILL DRIVER**



17a.

*Congratulations*  
**YOUR FINISHED!**

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.

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