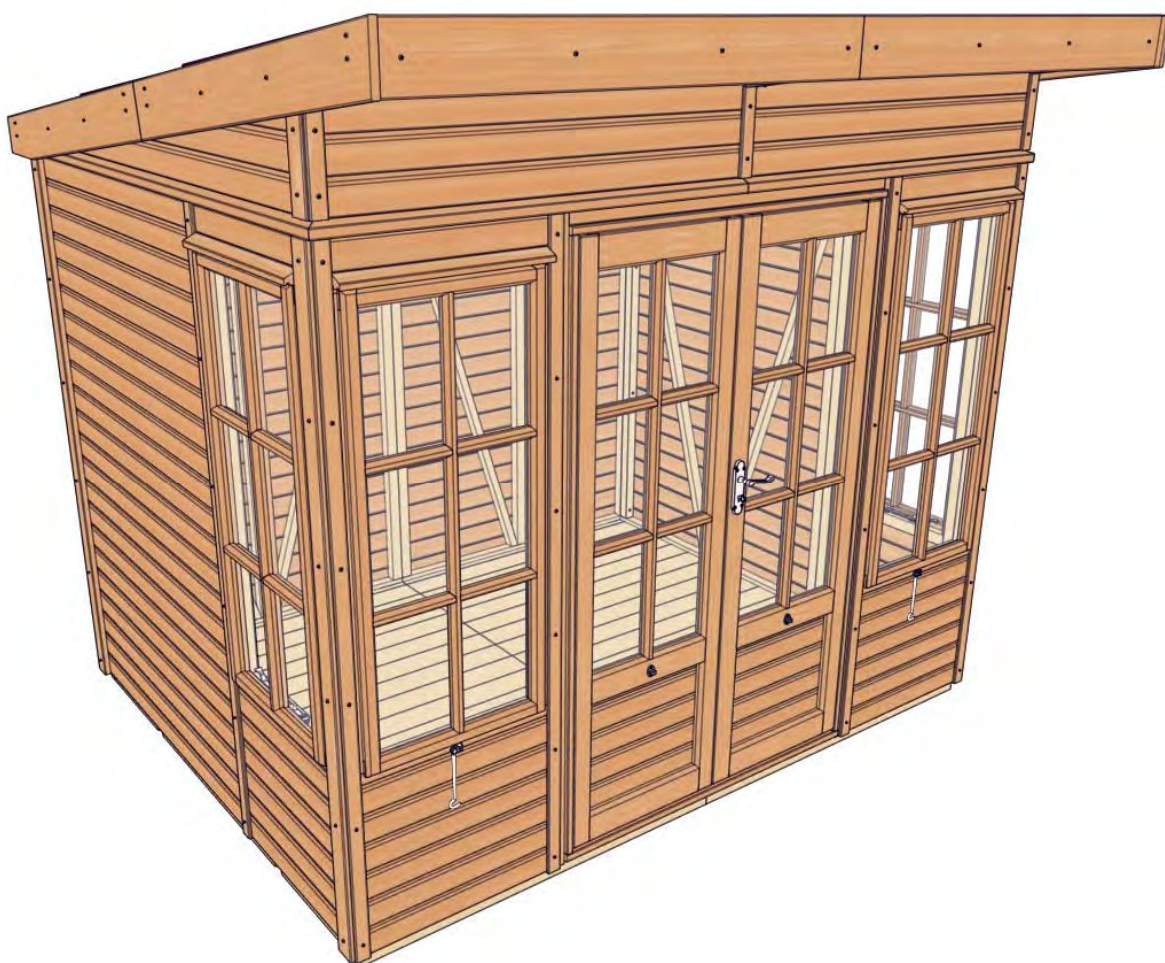


# PENTWICK SUMMERHOUSE



Garden Buildings

## 6ft Deep Instruction Manual



Please read all instructions before proceeding

09/18



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**Thank you for purchasing your new Alton building. We recommend you familiarise yourself with the instructions and read all safety information before you commence assembly.**

**HELPLINE 0800 085 0005**

### **Safety Warning**

- Glass and timber can potentially cause injury. Please ensure you wear protective goggles, gloves, headgear and suitable footwear when assembling and glazing the building.
- Please remember that glass is fragile and should be handled with extreme care. Always clear up and dispose of any breakages immediately.
- Do not assemble the building in high winds.
- DIY assembly - For safety reasons and ease of assembly, we recommend that this building is assembled by a minimum of two people.
- Please clear all lying snow from the summerhouse roof as it can cause the roof to buckle or collapse.
- Take care when unloading the pallet, be sure that panels are leaning backwards and not likely to tip over.

### **Site Preparation**

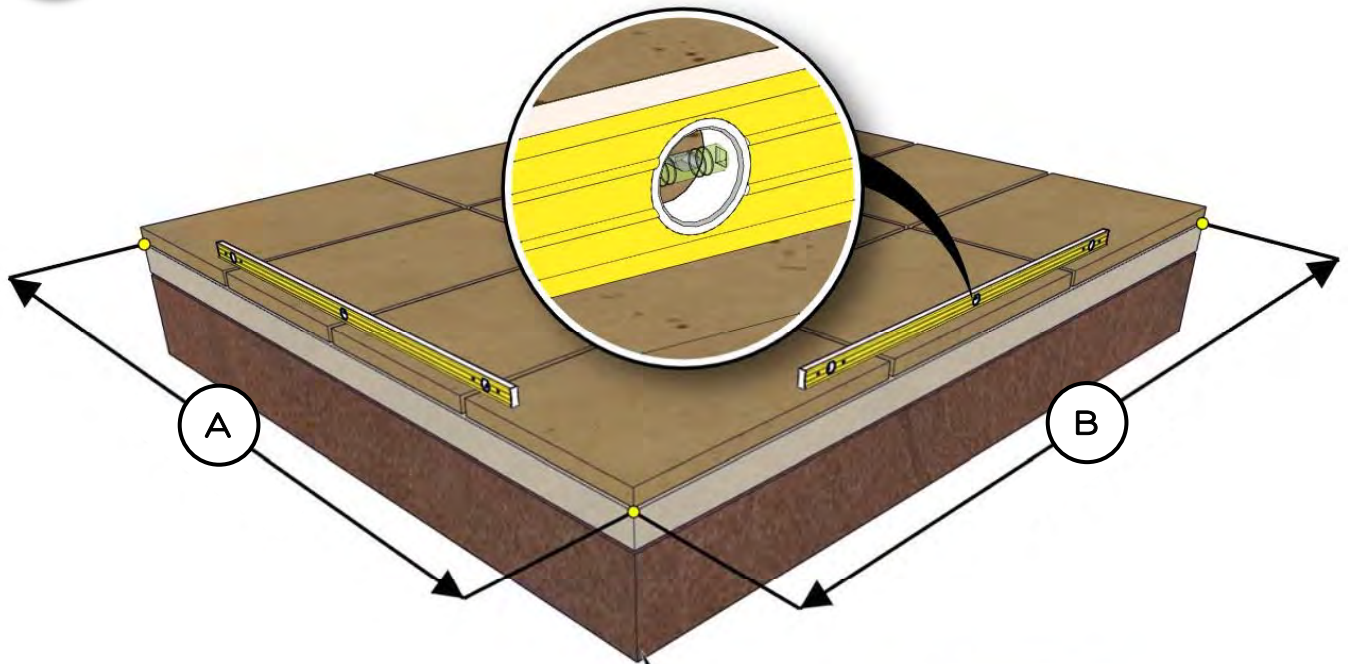
- When selecting a site for your building, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation. A slabbed base would be our preferred choice as this helps with drainage.
- Avoid placing your summerhouse under trees or in other vulnerable locations.
- To minimise the risk of wind damage, try to select as sheltered a site as possible, e.g. beside a hedgerow or garden fence.

### **Additional Considerations**

- Please bear in mind that assembling your building can be time consuming. You may need to spread the construction over two or more days.
- If you have arranged for someone to install your summerhouse for you, please check that all components are included and are correct before your fitter comes on site. Most parts are numbered and can be identified by a stamp or removable label. Alternatively, the components can be identified by lengths detailed in the packing list in your main cardboard box.
- Remember this is a natural timber product. Cedarwood can vary from white through shades of pink to dark brown colours, this natural variation is a characteristic of cedar. The wood will soak up some water to start with and some staining may occur. This will settle down over time and the summerhouse will really blend with its surroundings. If you want to avoid this and give your summerhouse a more permanent finish you could apply an oil or spirit based product.

## 2

## Base Preparation

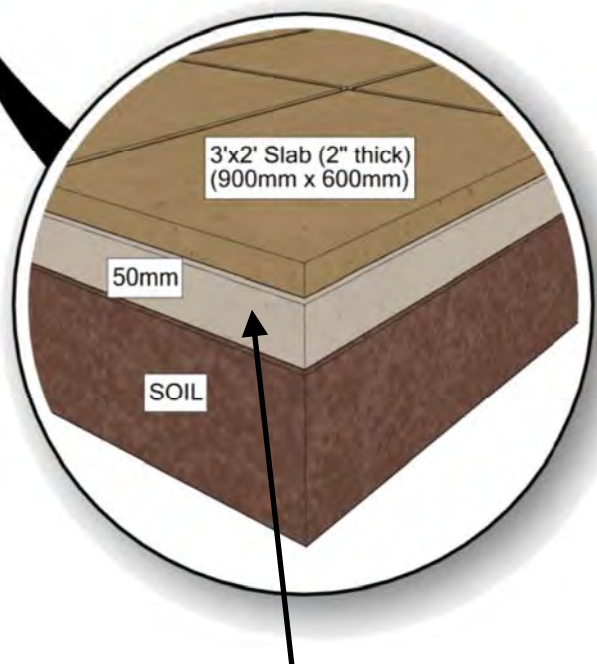


### Slab Base Size (Recommended)

**Note:** The base should always be larger than your building.

The measurements given in 'A' and 'B' should only be used as a guide.

Building Depth	Building Length	A (mm)	B (mm)
6'5 1/2" - 1968mm	8'2 3/4" - 2510mm	2400	2700
6'5 1/2" - 1968mm	9'10" - 2999mm	2400	3600
6'5 1/2" - 1968mm	12'4 1/4" - 3765mm	2400	4500



It is necessary to leave sufficient working room around your summerhouse when you're putting it up and also to allow for maintenance and the possible need to replace a piece of glass or further wood treatment. If possible try and leave a space of 2ft/610mm around the building.

Choose a site where the building is relatively easy to get to and convenient to bring a supply of electricity to.

Finally, and most importantly, choose a site where your Alton building will look right so that it will compliment your garden.



+

5:1

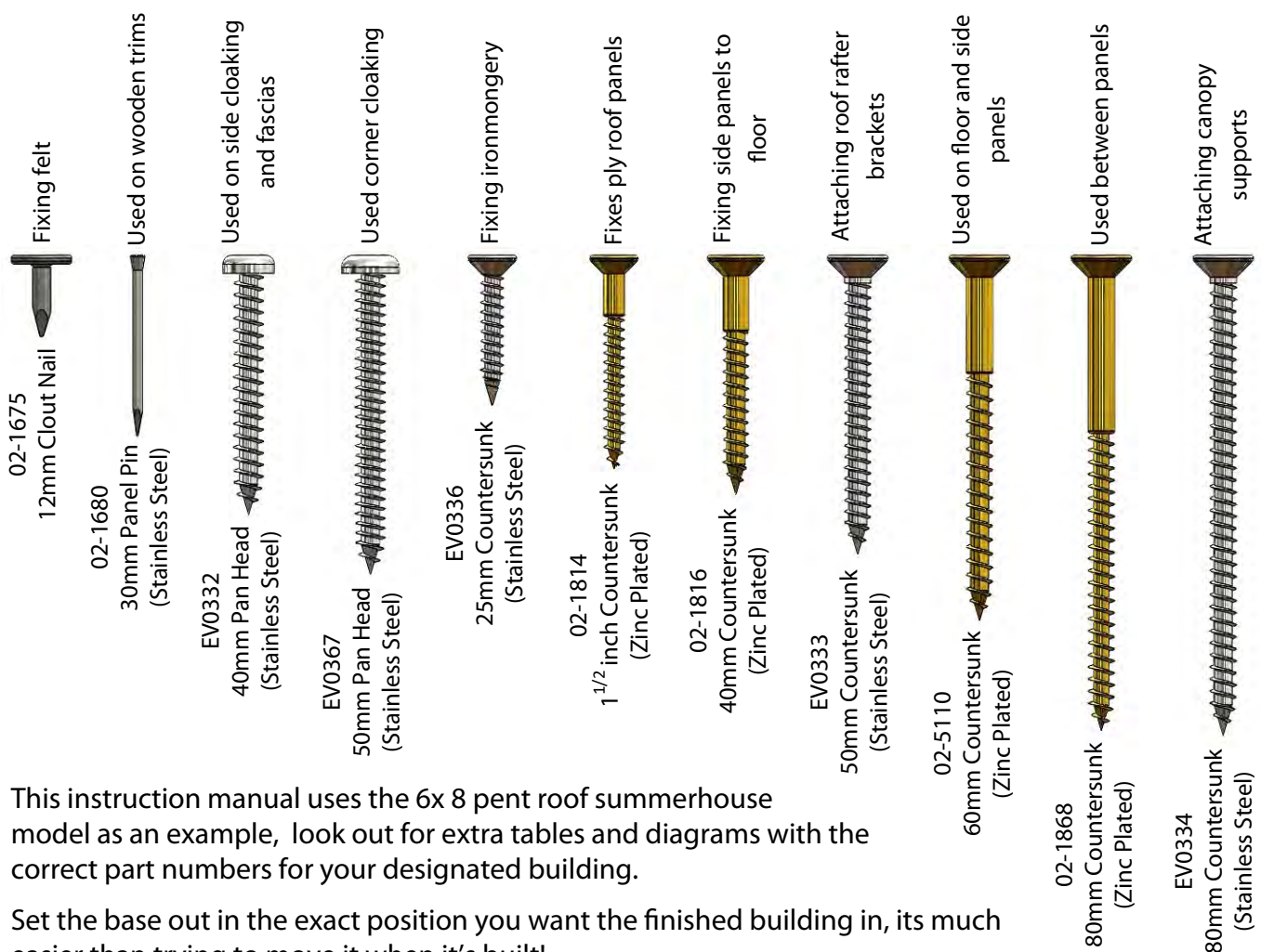




To build your new summerhouse you will need the following tools:

Spirit Level	Pencil
PZ2 Screwdriver Bit	Cordless Screwdriver (2 would be ideal, 1 to drill and 1 to screw)
4mm Drill Bit	Hammer
Step ladders x 2	Hand Saw

There are 11 different types of fixings used in the construction of the summerhouse. These are as follows, with examples of where to look out for them:



This instruction manual uses the 6x 8 pent roof summerhouse model as an example, look out for extra tables and diagrams with the correct part numbers for your designated building.

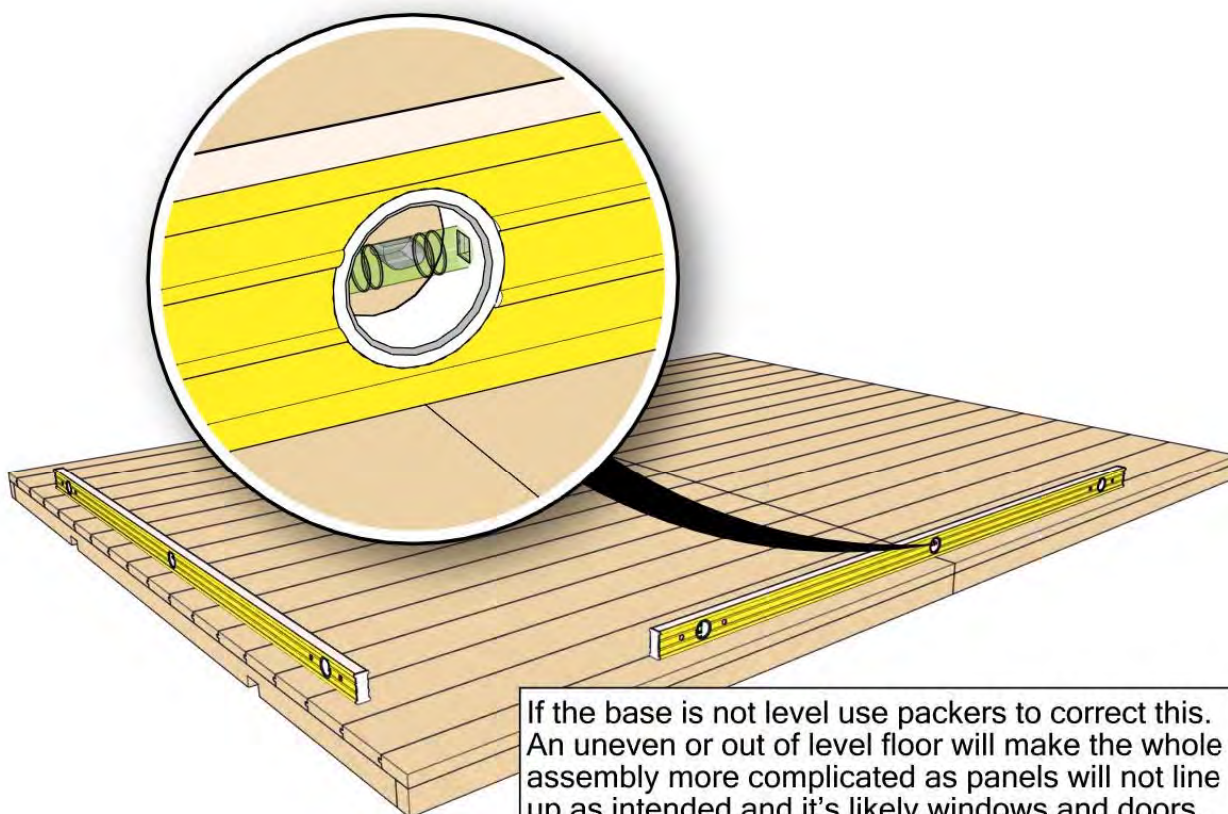
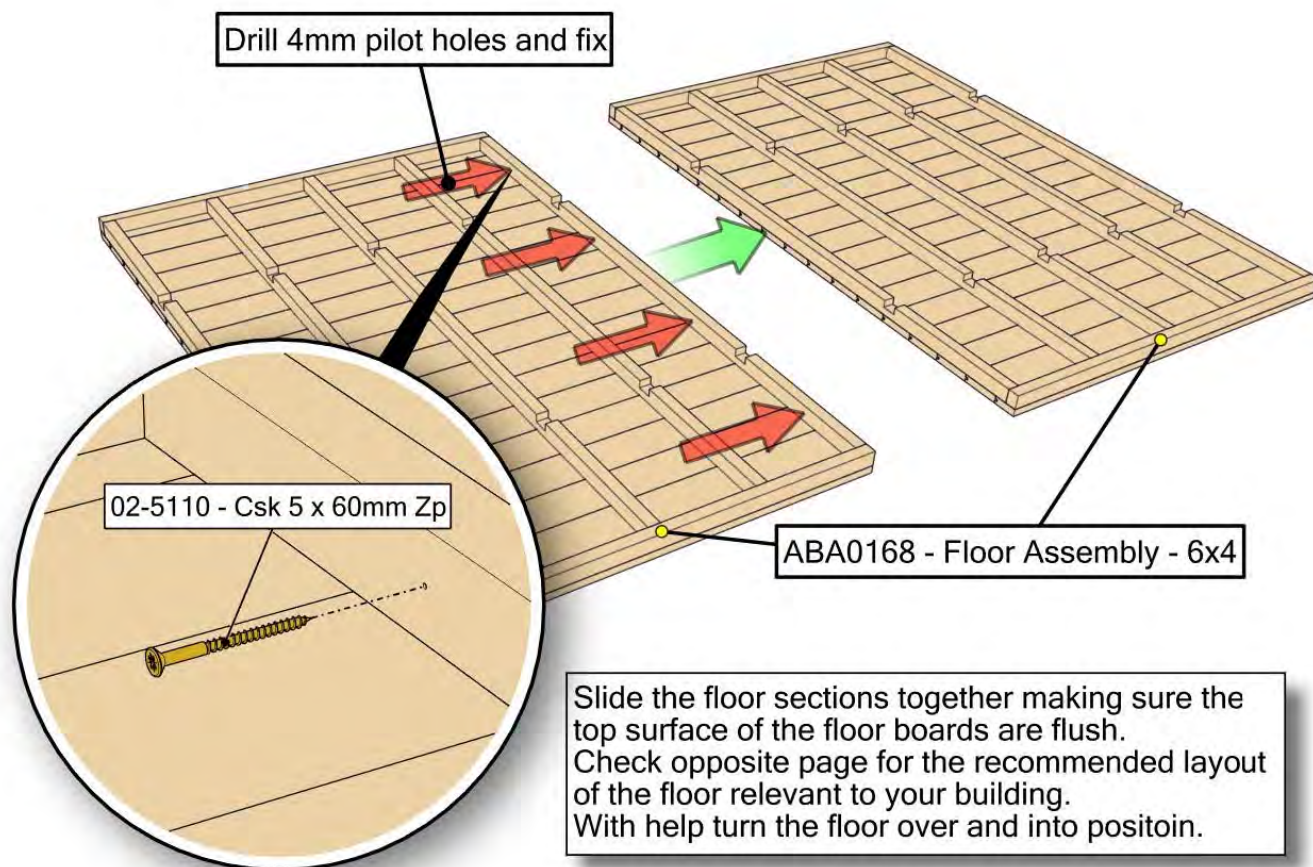
Set the base out in the exact position you want the finished building in, its much easier than trying to move it when it's built!

Follow the manual and assemble the sections as recommended.

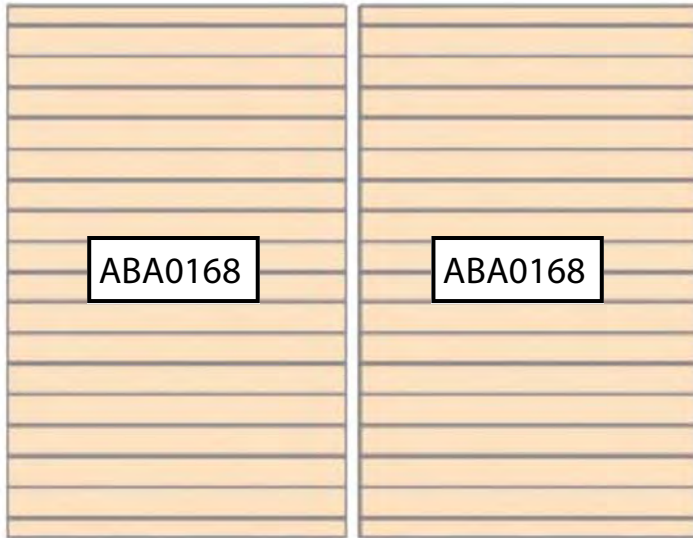
When screwing through one piece of timber into another it is always recommended to pre-drill the first piece. This will prevent the timber from splitting which could be unsightly.

Read through the rest of this manual before starting, you are less likely to miss something doing this and you will have a better understanding of how it all works.

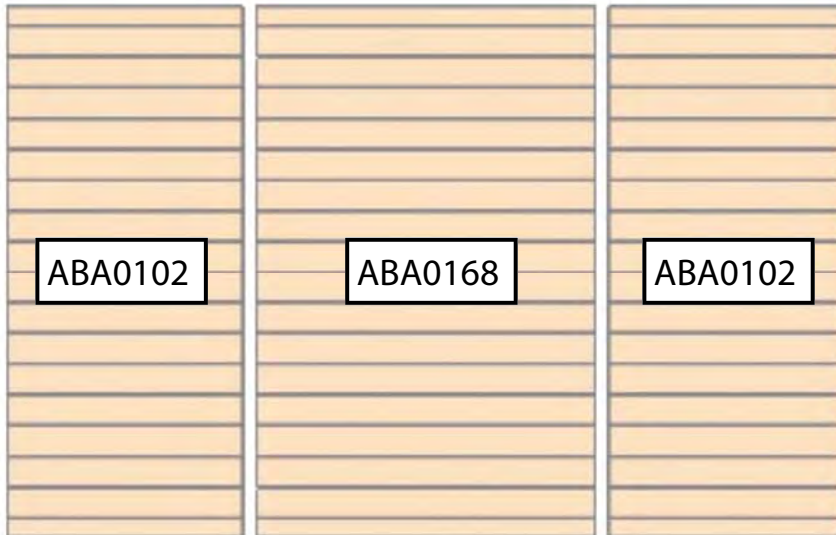
If any glass is broken during construction or afterwards you will need to carefully remove the beading on the inside of the building to replace this. You can either call our customer service team for a quote or source it locally (ask for 4mm toughened glass).



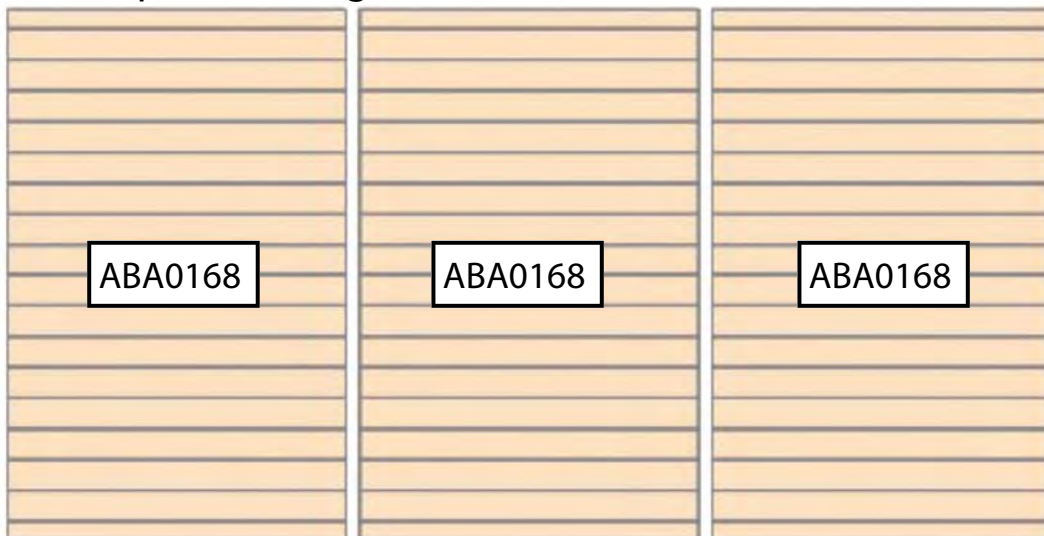
6ft Deep x 8ft Long



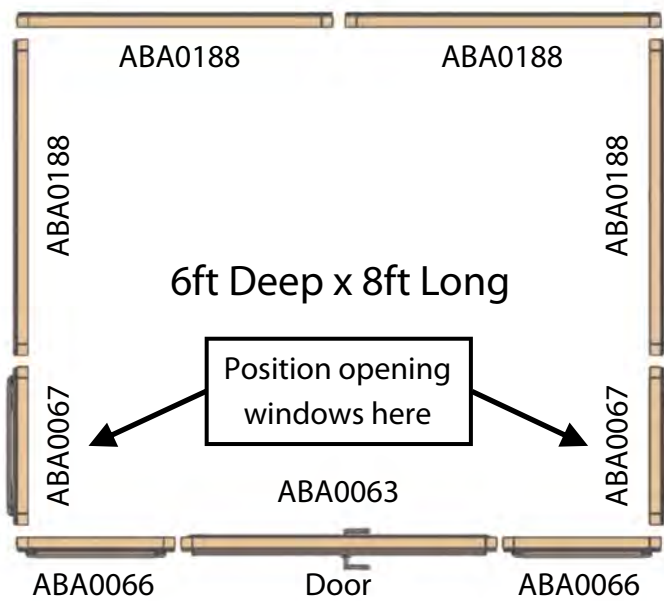
6ft Deep x 10ft Long



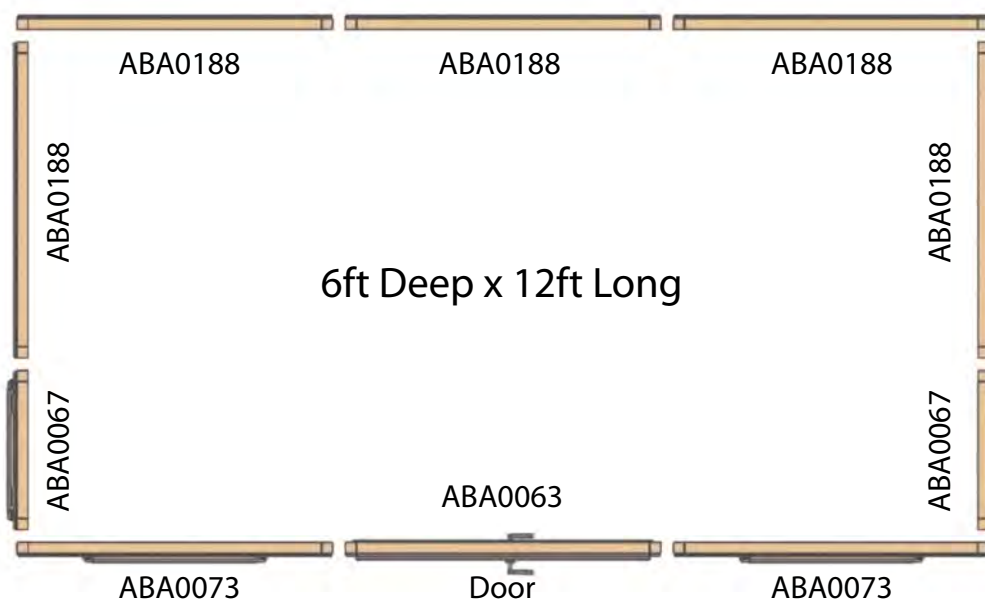
6ft Deep x 12ft Long





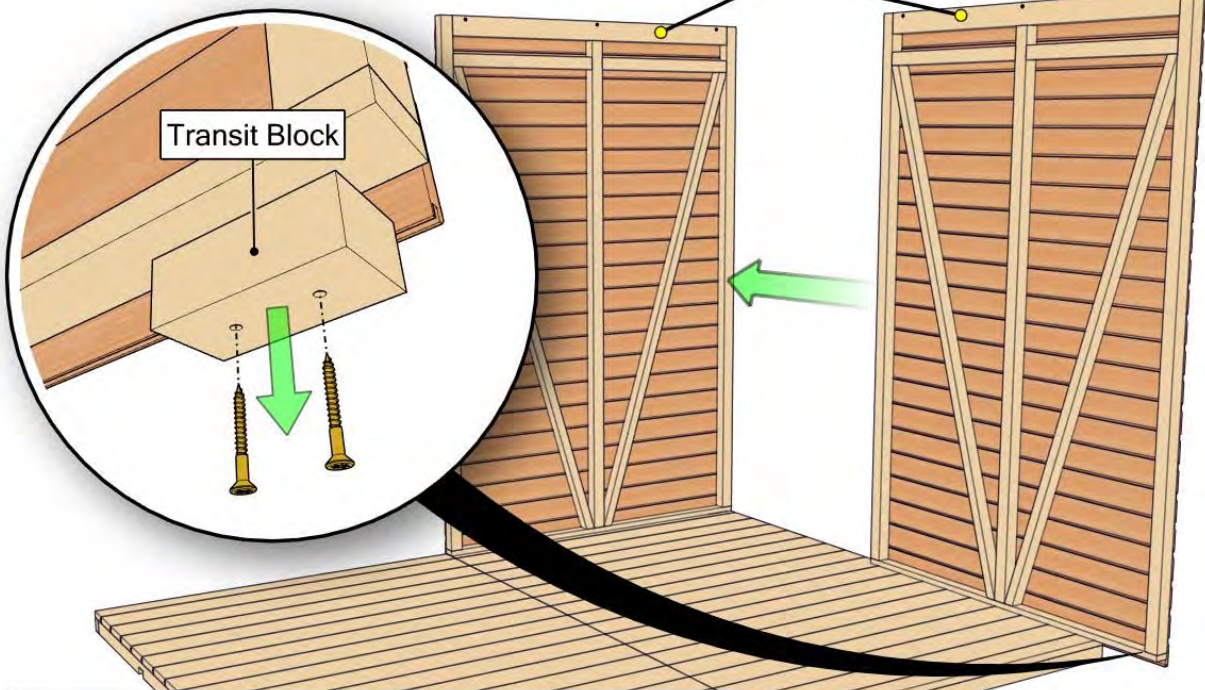


The following diagrams show an exploded top view of the recommended side panel layout depending on the building size.





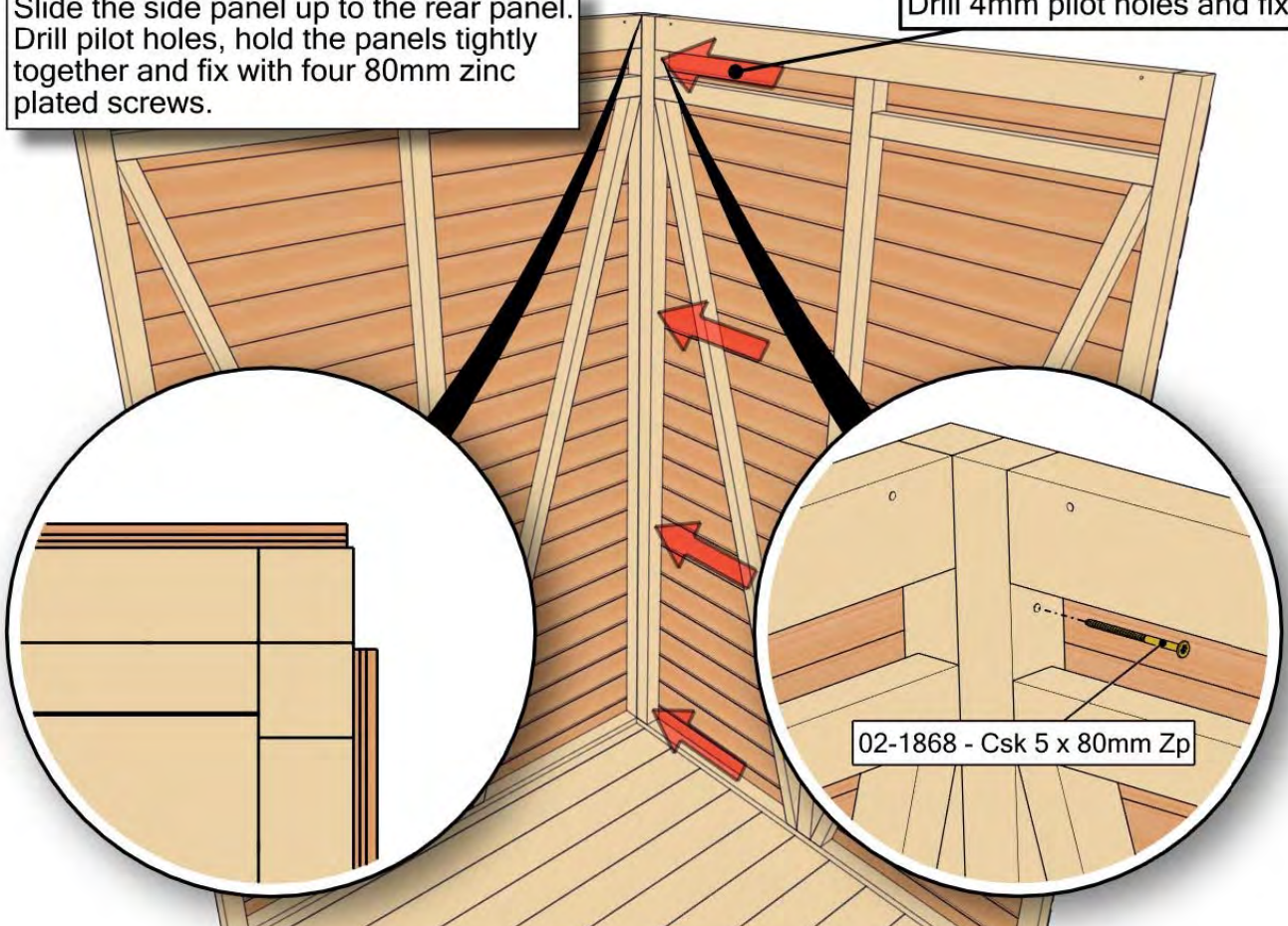
ABA0188 - Side Panel Clad\_Double\_Plain



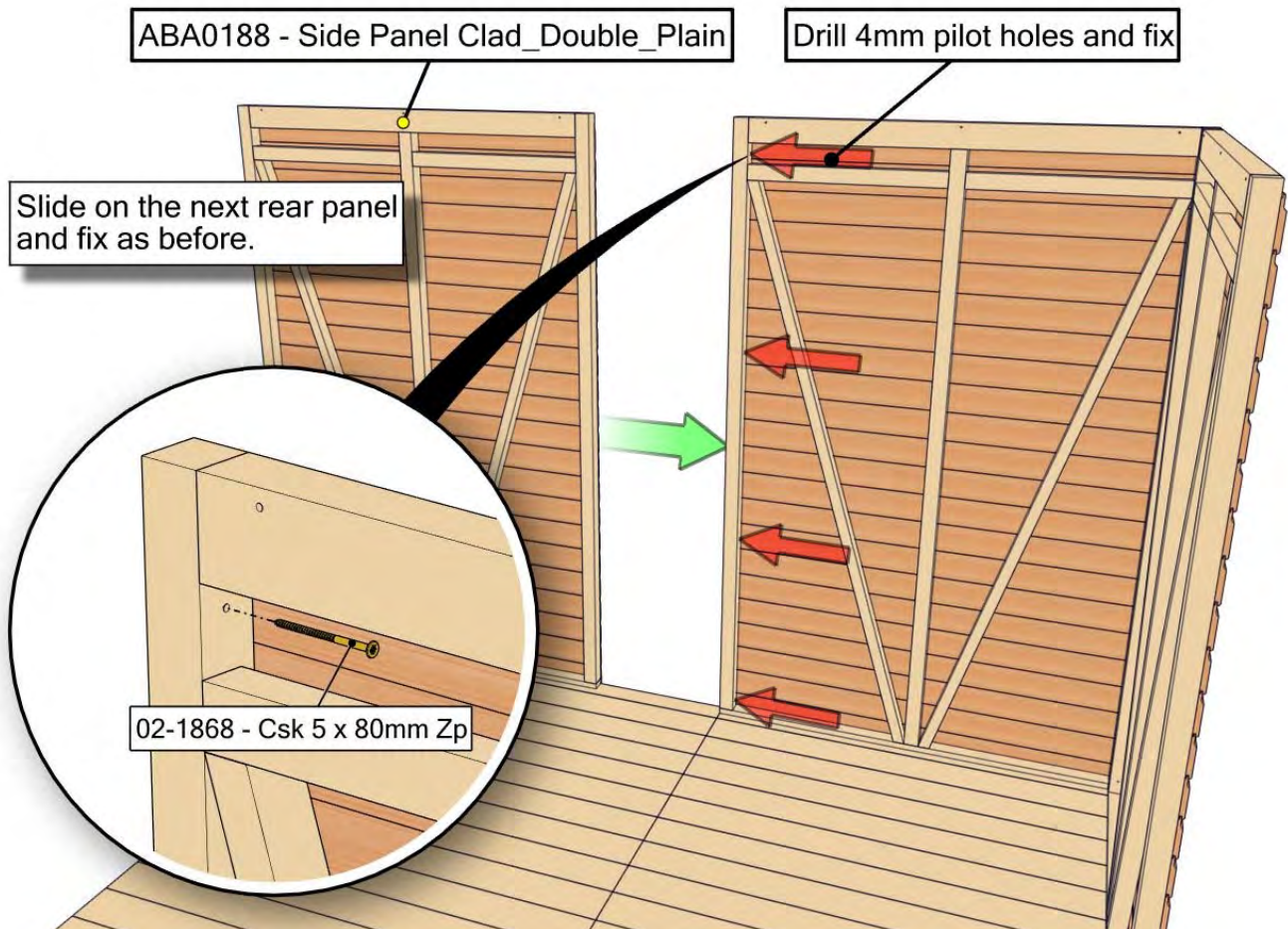
Before you place any of the panels remember to remove the transit blocks from the bottom of the panels, once removed be careful not to damage the cladding.

Slide the side panel up to the rear panel. Drill pilot holes, hold the panels tightly together and fix with four 80mm zinc plated screws.

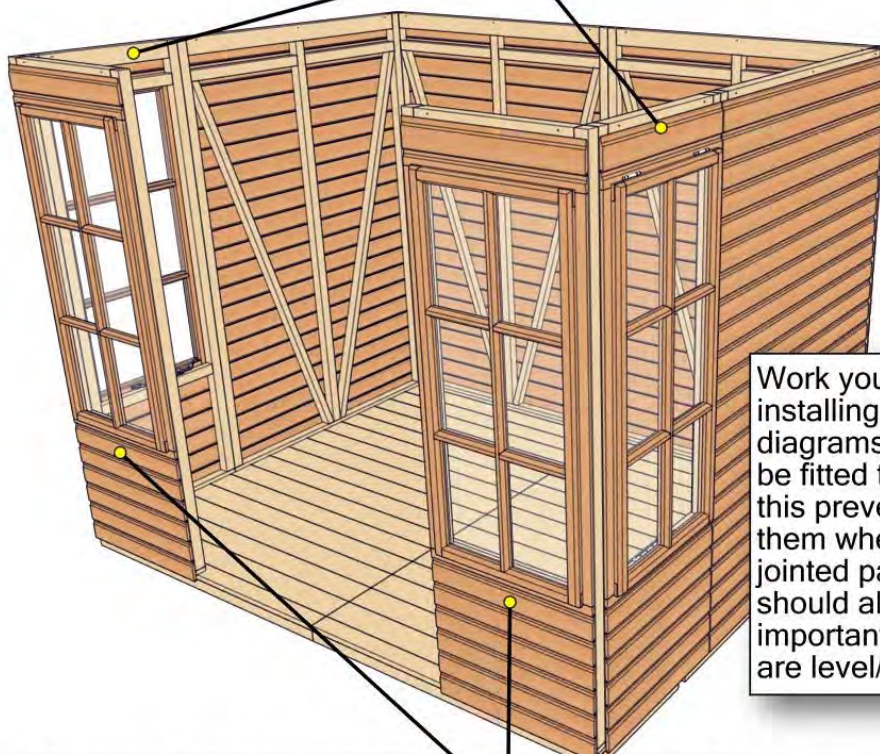
Drill 4mm pilot holes and fix





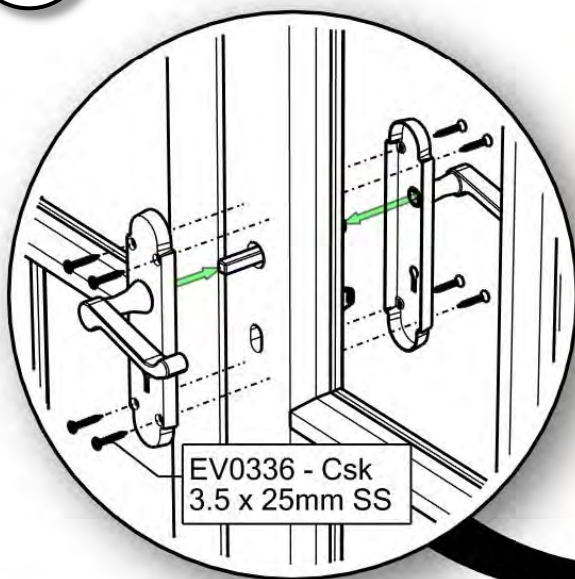


ABA0067 - SH Side Panel Clad\_Single\_Window in frame\_Glazed\_Vented



ABA0066 - SH Side Panel Clad\_Single\_Window in frame\_Glazed\_Fixed



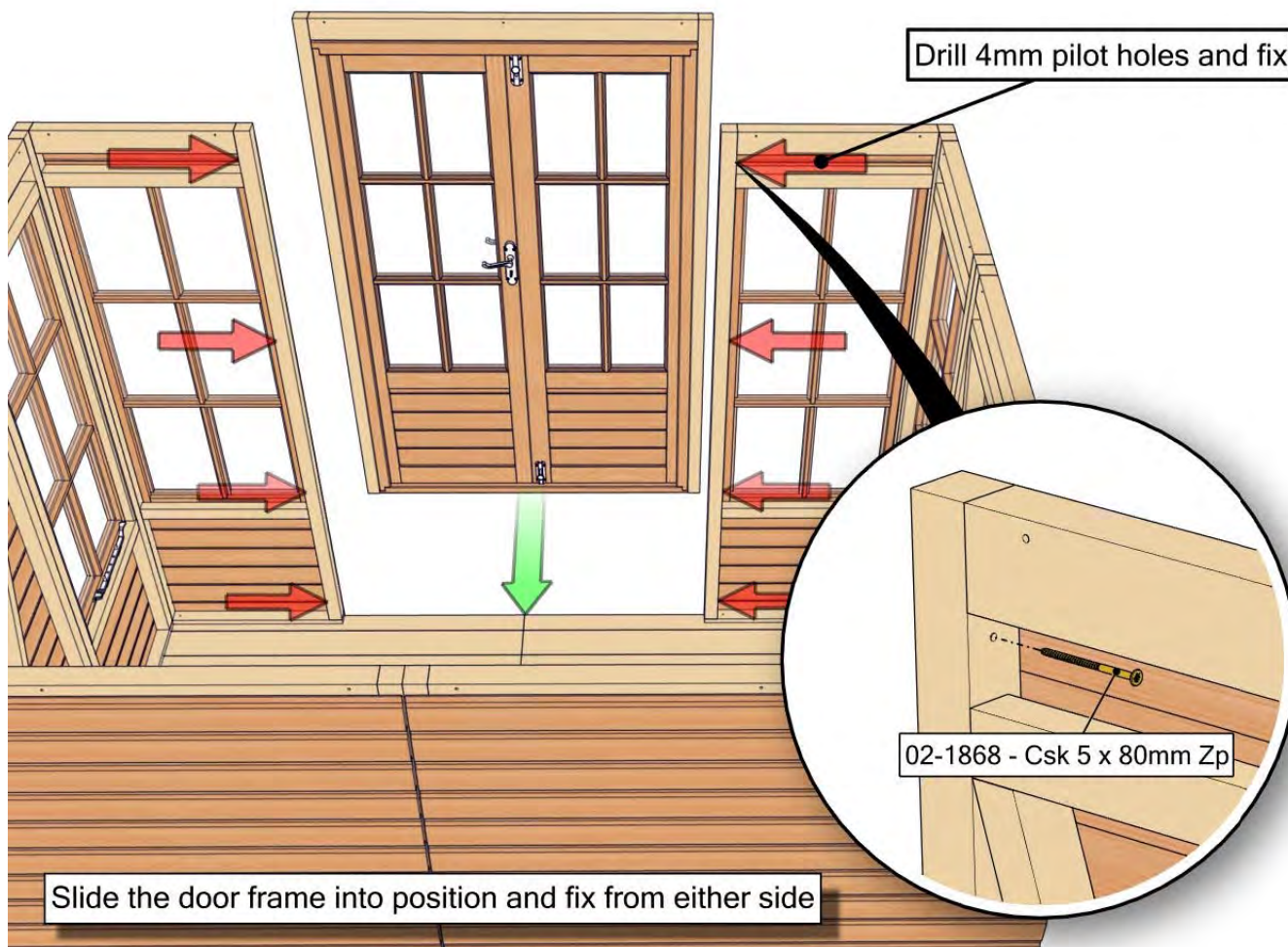


Before you can install the door section you need to fit the door handle. Slide the spindle through the lock to give you the position of the handle on the door. Fix the handle with the 3.5 x 25mm countersunk screws supplied.

ABA0063 - SH Door Panel Assembled\_Double

EV0610 - Satin Chrome Door Handle Set

Drill 4mm pilot holes and fix

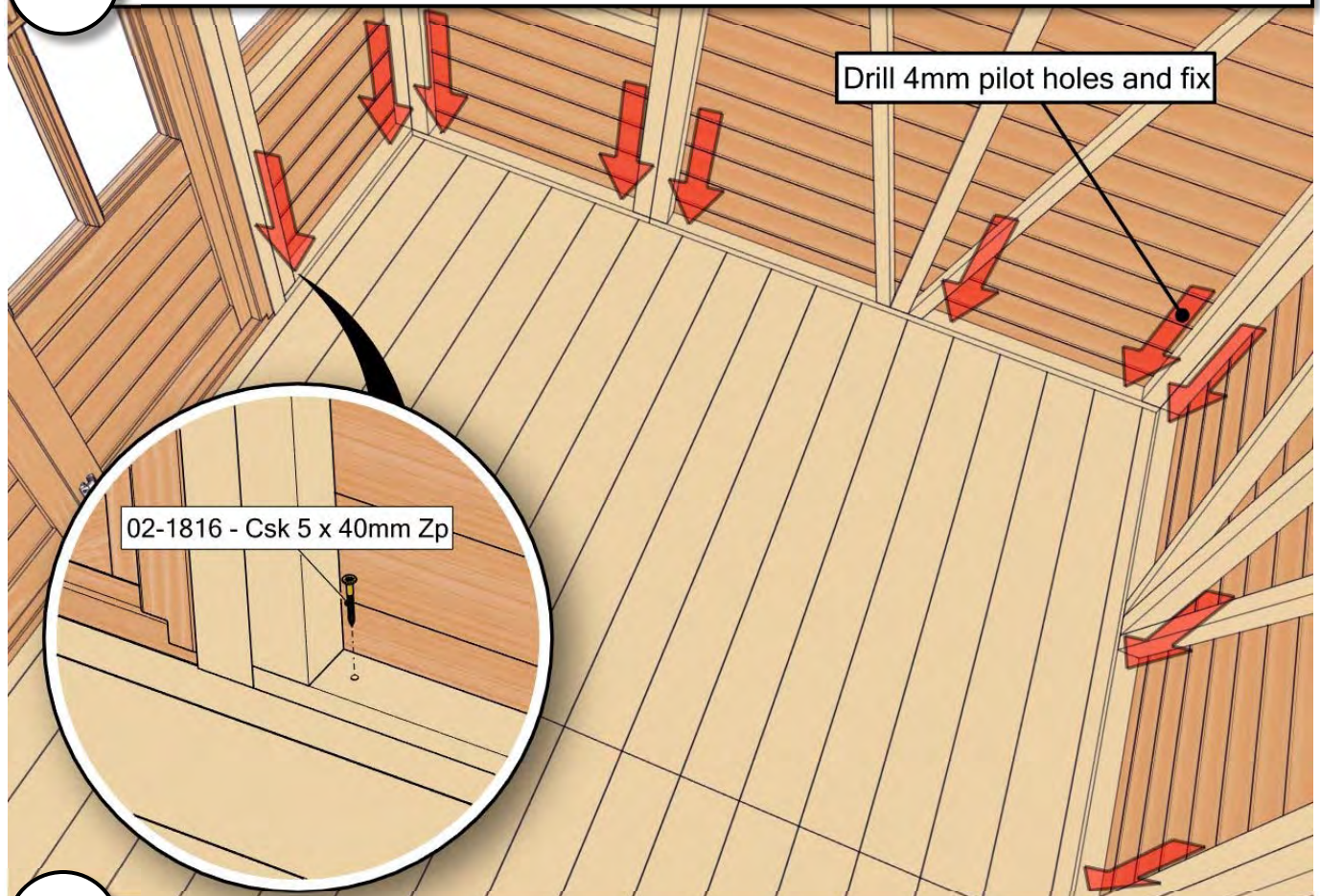


Slide the door frame into position and fix from either side



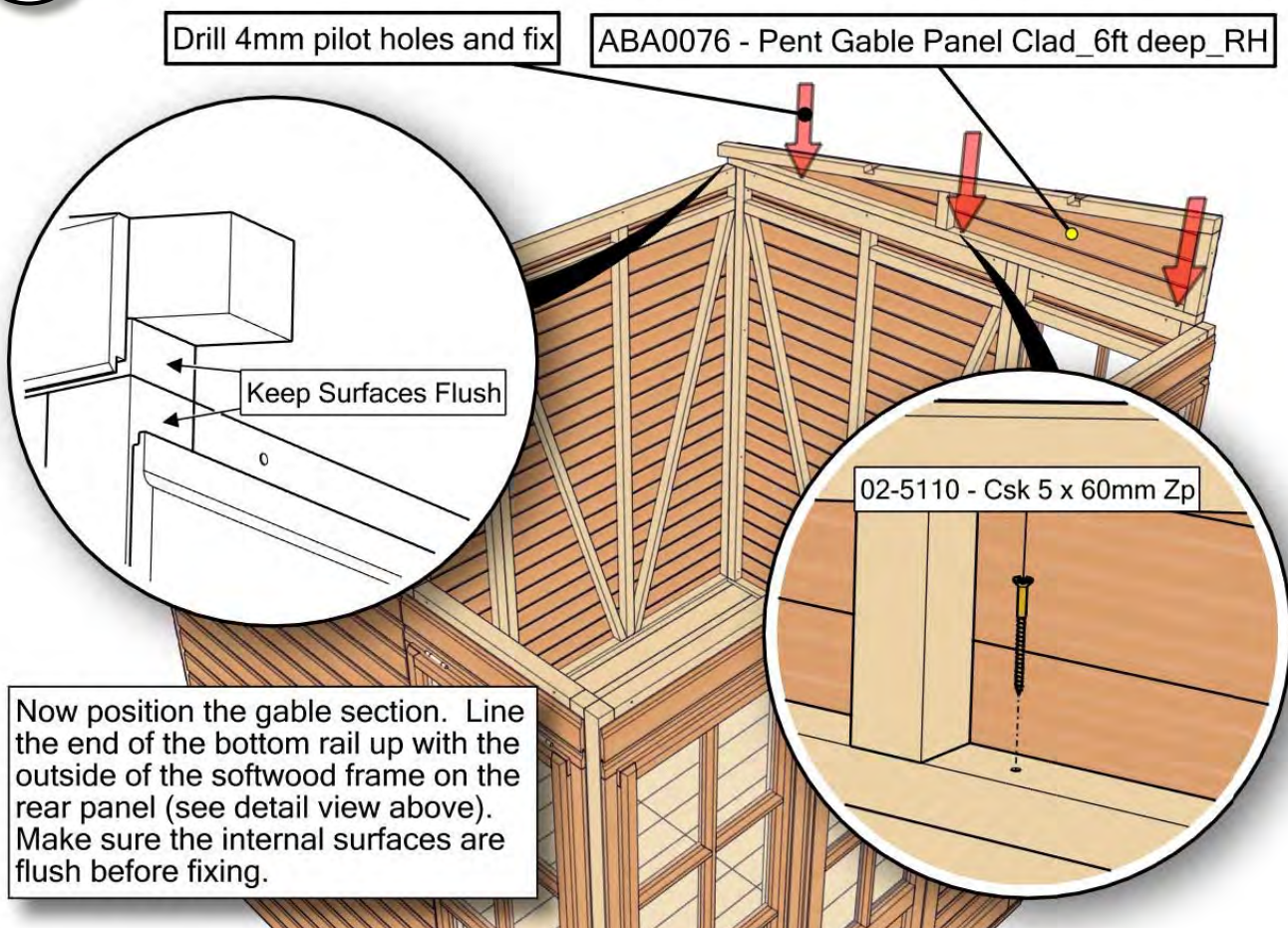
7

## Fixing Down



8

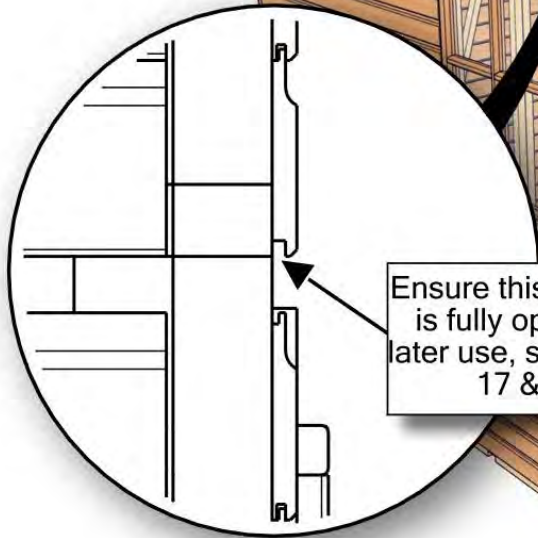
## Gable Panel Installation





ABA0107 - Make-up Panel Clad\_6ft deep\_Double

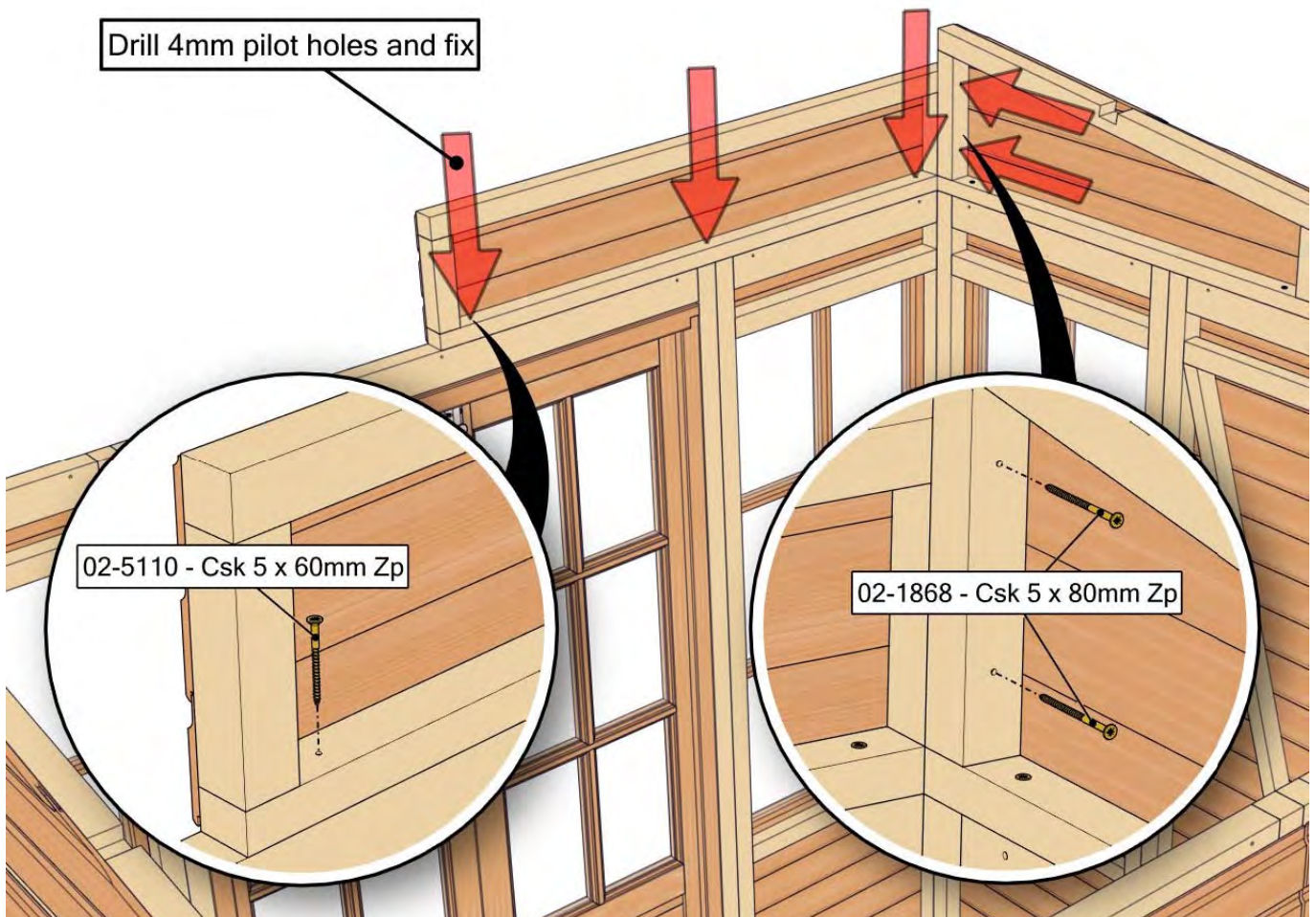
ABA0075 - Pent Gable Panel Clad\_6ft deep\_LH



Ensure this groove  
is fully open for  
later use, see page  
17 & 18

After fitting the opposite gable panel you can then install the 'make-up panels' above the front panels. The end of this panel should line up with the softwood frame below.

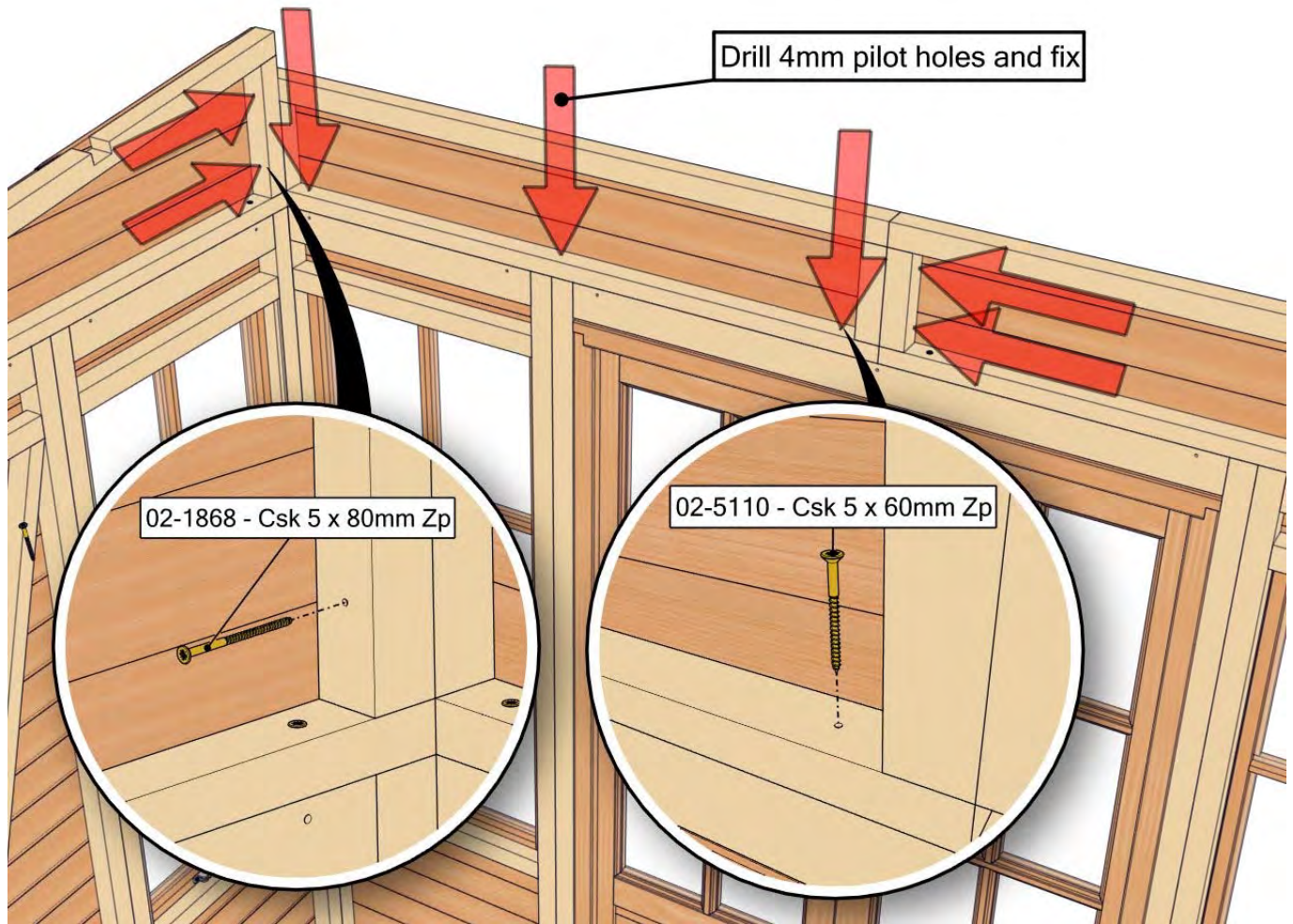
Drill 4mm pilot holes and fix



02-5110 - Csk 5 x 60mm Zp

02-1868 - Csk 5 x 80mm Zp





Part No.	Part Description	6x8	6x10	6x12
ABA0107	Make-up Panel Clad_6ft deep_Double	2	-	3
ABA0108	Make-up Panel Clad_6ft deep_Triple	-	2	-



Now fit the front wall plates to the top of the make-up panels. Make sure the angle on the top of the wall plates slope back as the gable panels do.

Drill 4mm pilot holes and fix

AB0250 - Pent Front Wall Plate 8ft Wide LH

02-1868 - Csk 5 x 80mm Zp

02-1868 - Csk 5 x 80mm Zp

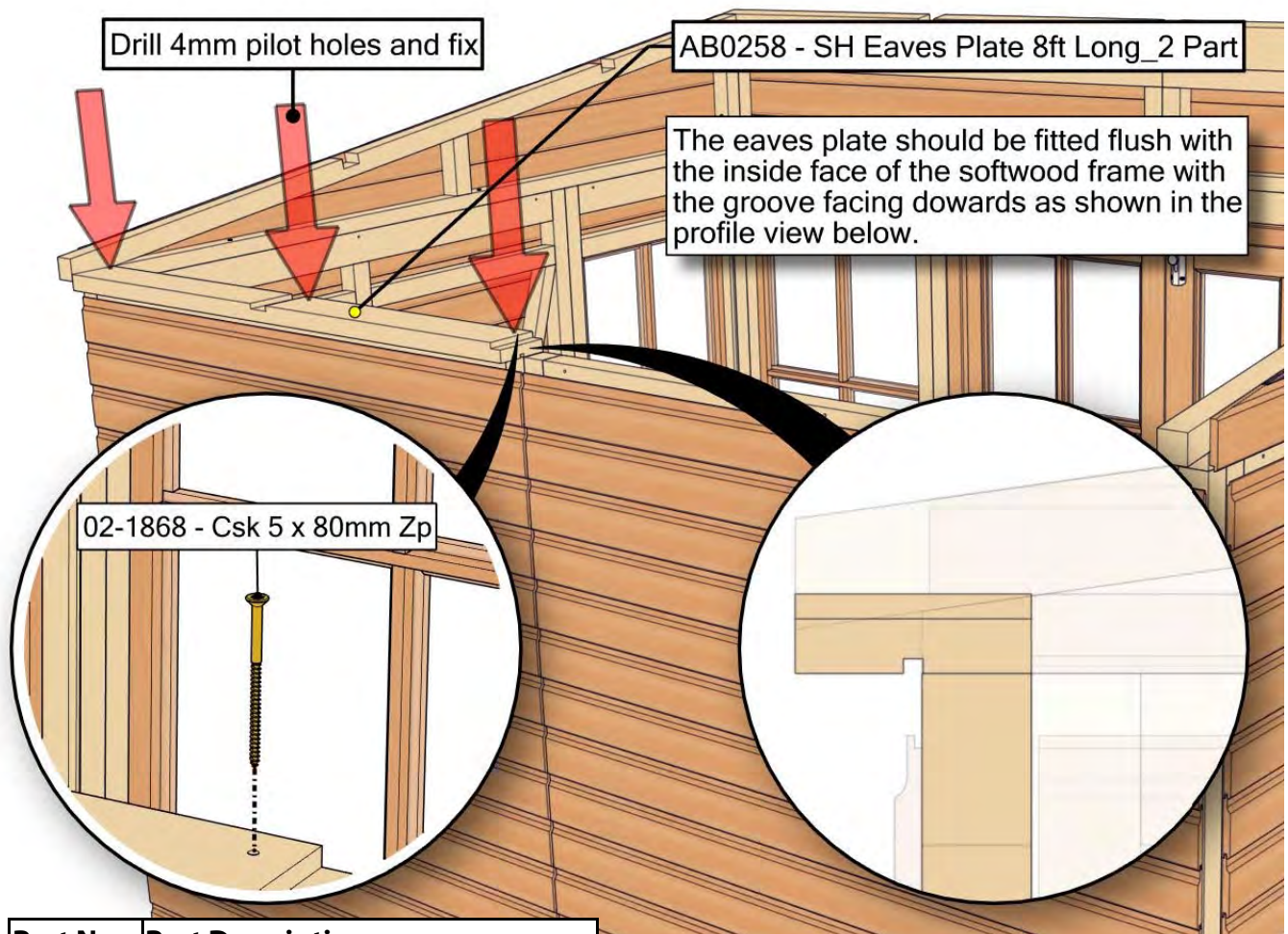
Drill 4mm pilot holes and fix

AB0251 - Pent Front Wall Plate 8ft Wide RH

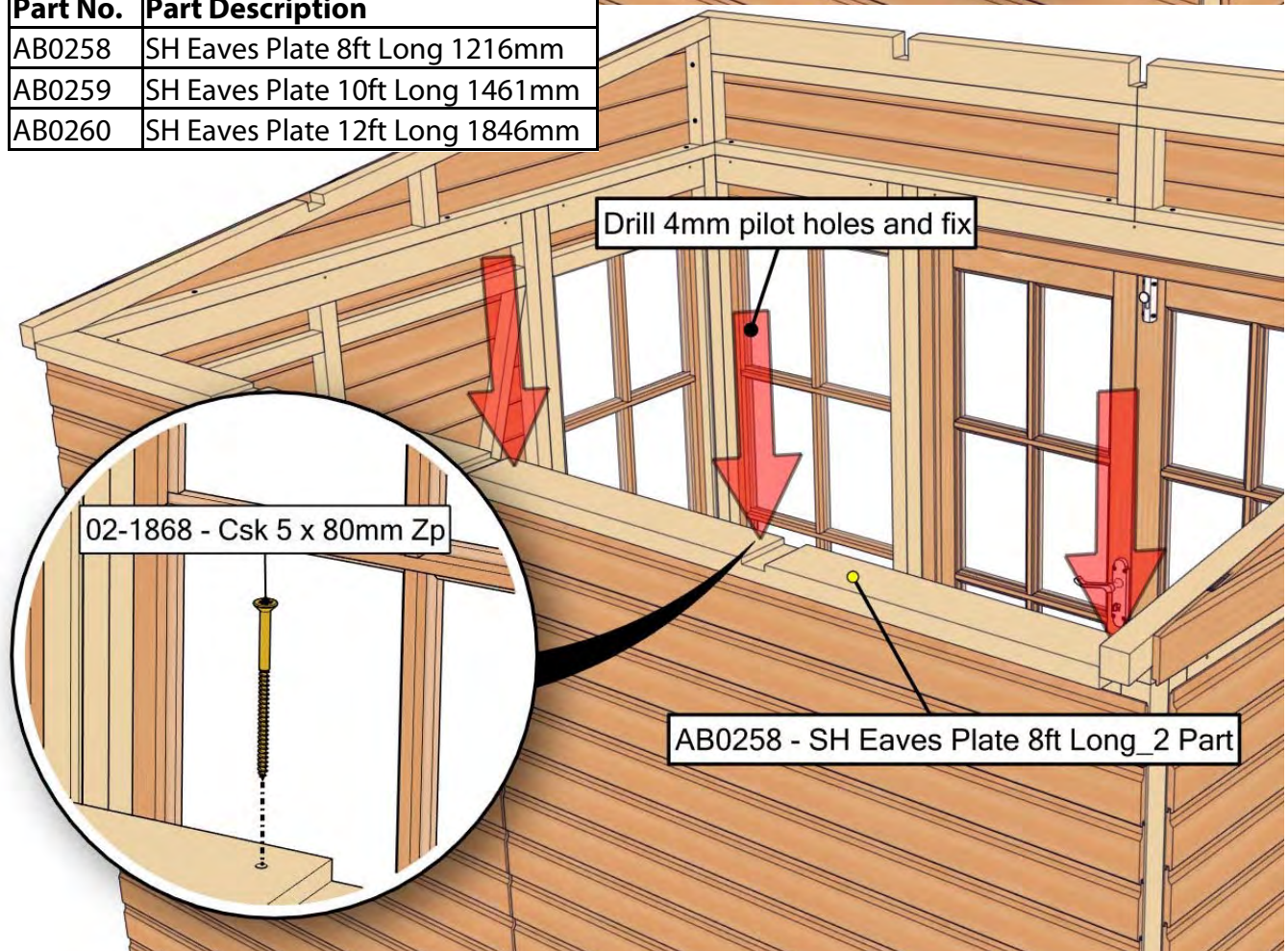
02-1868 - Csk 5 x 80mm Zp

Part No.	Part Description
AB0250	Pent Front Wall Plate 8ft Wide LH 1260mm
AB0251	Pent Front Wall Plate 8ft Wide RH 1260mm
AB0252	Pent Front Wall Plate 10ft Wide LH 1505mm
AB0253	Pent Front Wall Plate 10ft Wide RH 1505mm
AB0254	Pent Front Wall Plate 12ft Wide LH 1890mm
AB0255	Pent Front Wall Plate 12ft Wide RH 1890mm





Part No.	Part Description
AB0258	SH Eaves Plate 8ft Long 1216mm
AB0259	SH Eaves Plate 10ft Long 1461mm
AB0260	SH Eaves Plate 12ft Long 1846mm





AB0295 - Top Trim Rail - 8 ft Long\_LH

AB0296 - Top Trim Rail - 8 ft Long\_RH

02-5110 - Csk 5 x 60mm Zp

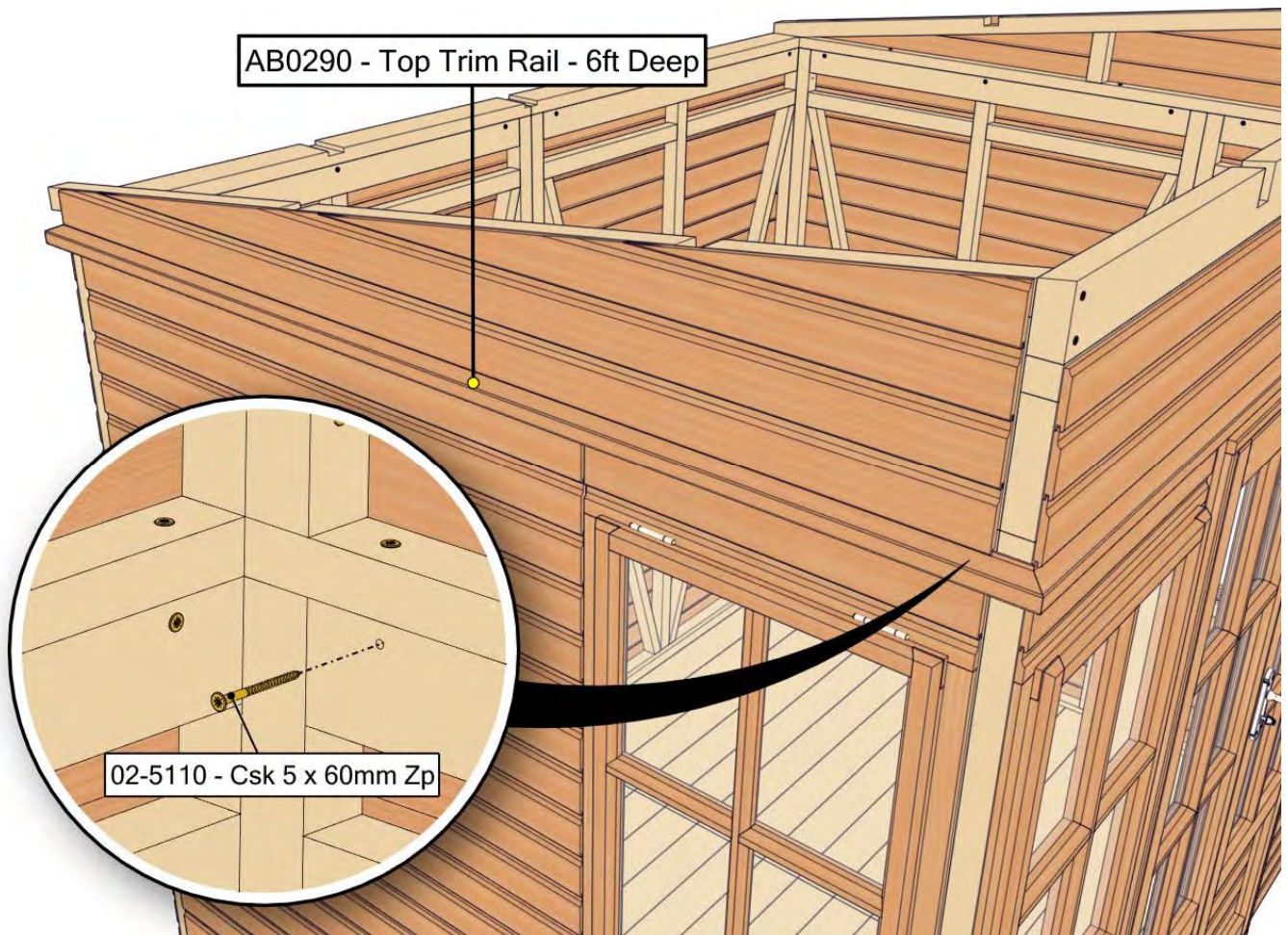
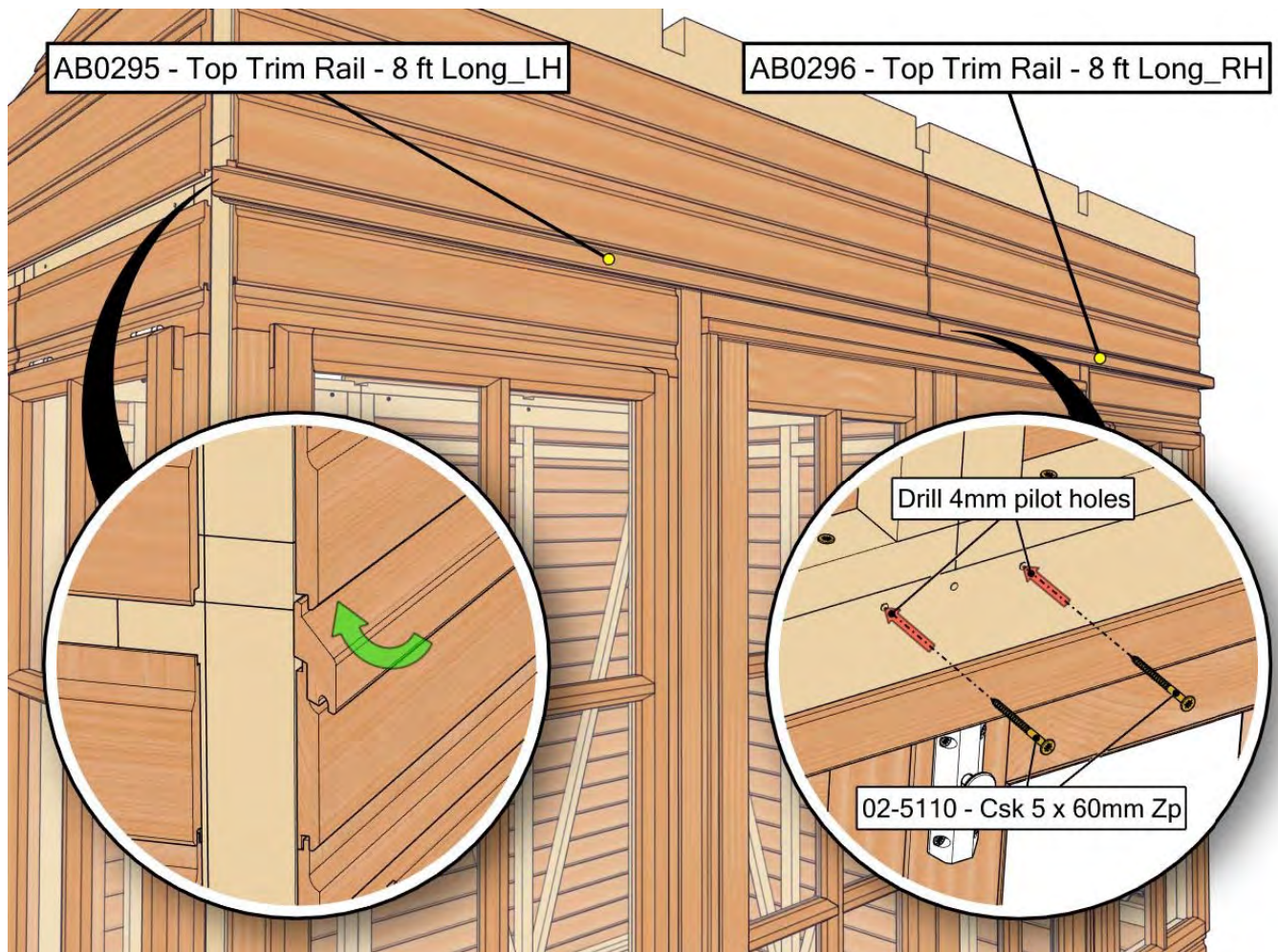
Next fit the top trim rails around the building. You will need a helper for this, with one person inside the building and the other outside. Rotate the trim rail up into the groove above, line the mitred end up with the softwood frame and fix from the inside through the factory drilled holes in the tops of the side frames.

Part No.	Part Description
AB0295	Top Trim Rail - 8ft long_LH 1291mm
AB0296	Top Trim Rail - 8ft long_RH 1291mm
AB0297	Top Trim Rail - 10ft long_LH 1536mm
AB0298	Top Trim Rail - 10ft long_RH 1536mm
AB0299	Top Trim Rail - 12ft long_LH 1922mm
AB0300	Top Trim Rail - 12ft long_RH 1922mm

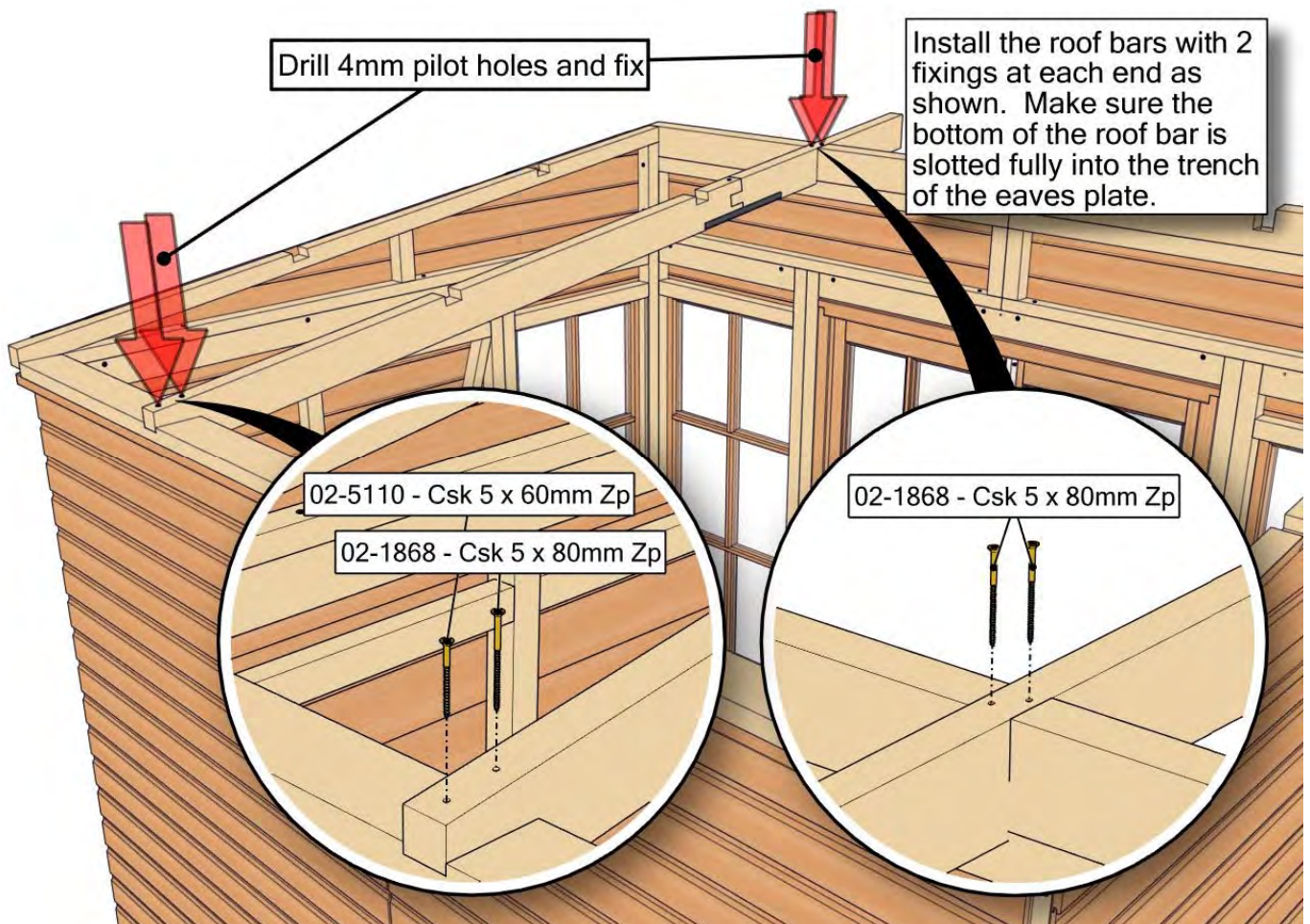
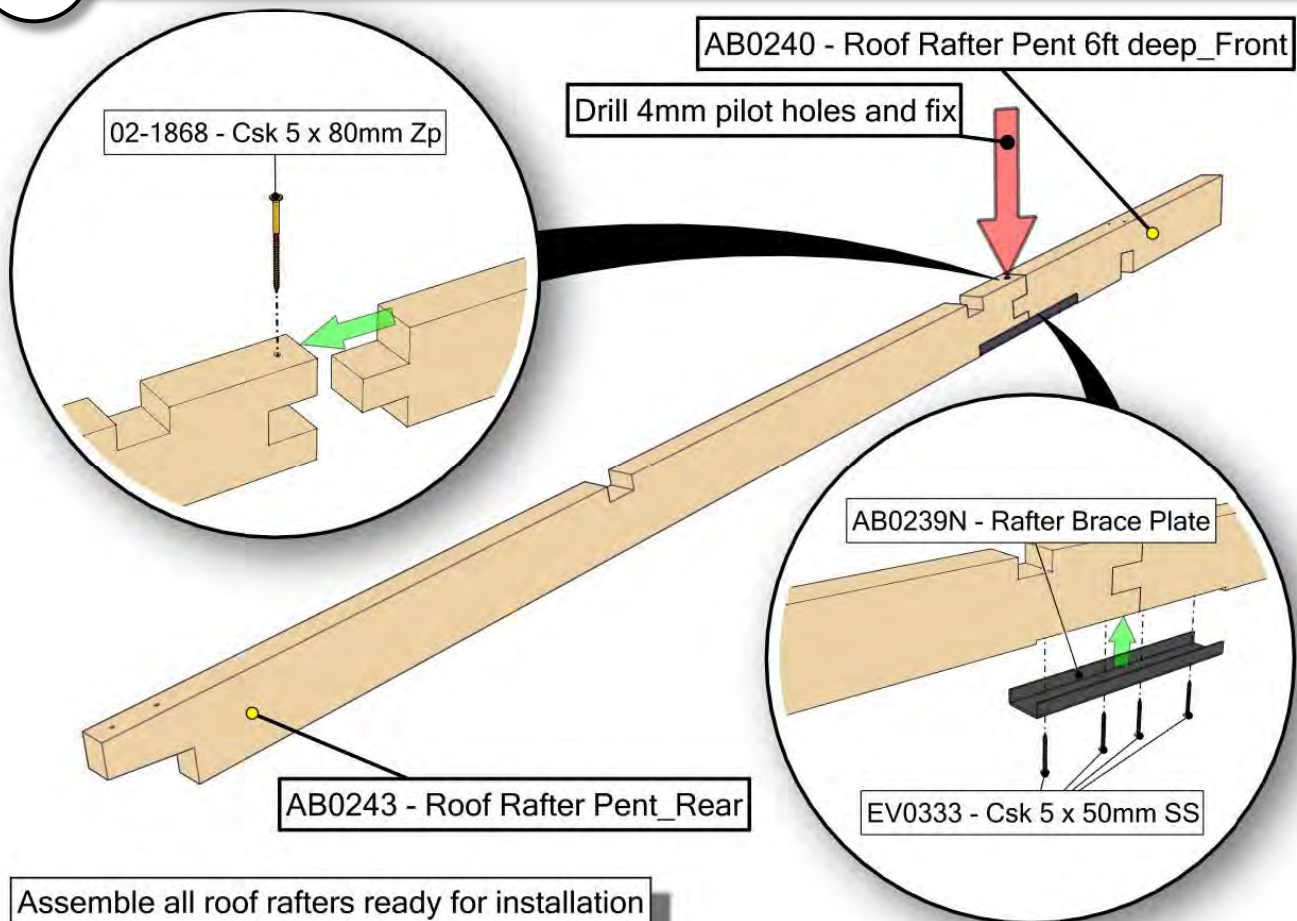
AB0290 - Top Trim Rail - 6ft Deep

02-5110 - Csk 5 x 60mm Zp

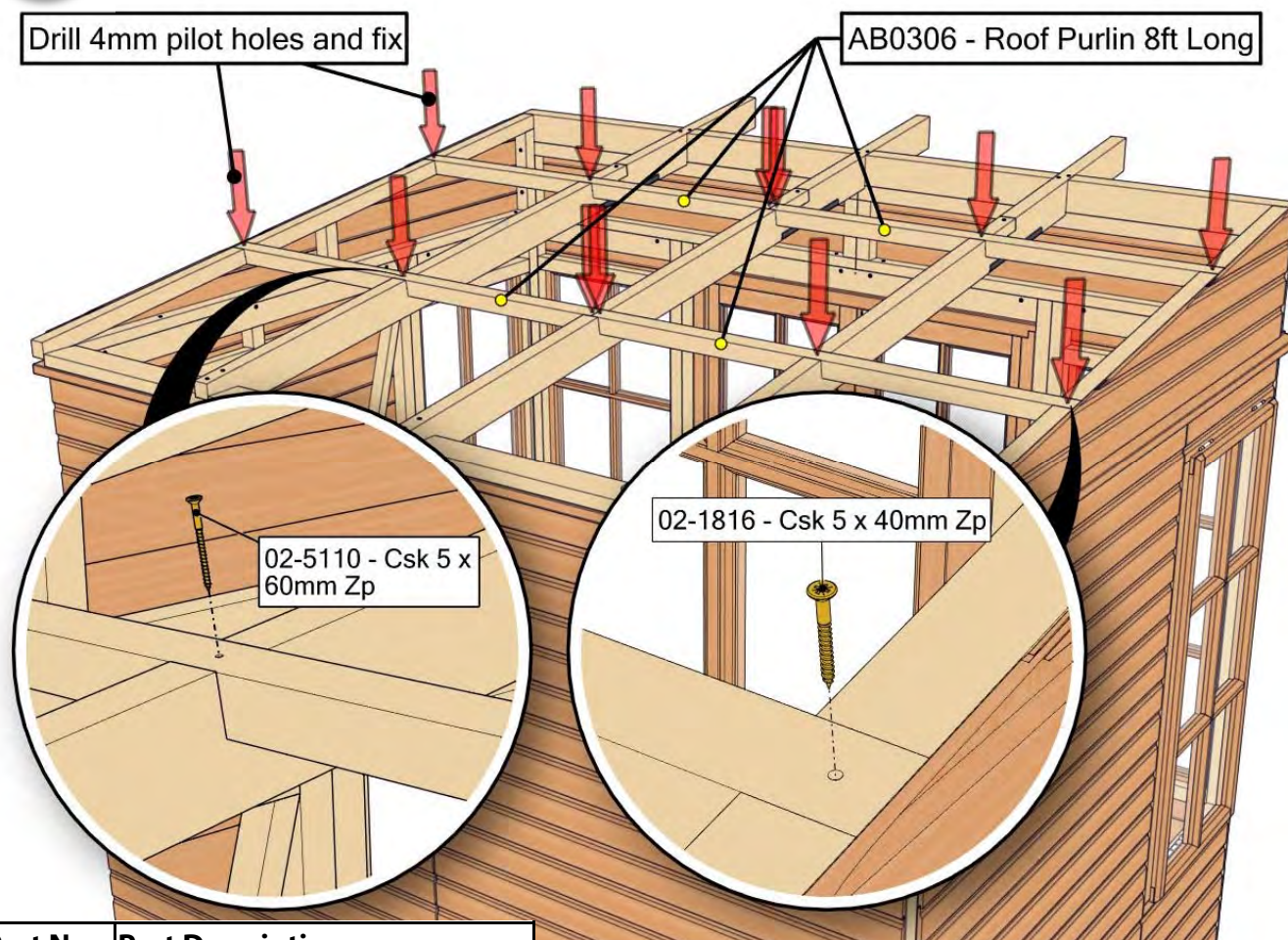












Part No.	Part Description
AB0306	Roof Purlin 8ft long 1260mm
AB0307	Roof Purlin 10ft long 1505mm
AB0308	Roof Purlin 12ft long 1890mm



Now fix the soffit rails to the gable panels. Keep the end in-line with the softwood frame of the gable as shown in the diagram below. The top surface of the soffit rail should also be flush with the gable frame.

Drill 4mm pilot holes and fix

AB0270 - Soffit Rail\_6ft deep

Keep in-line

Top View

02-5110 - Csk 5 x 60mm Zp

Before fixing the next soffit rail make sure it is in-line with the roof rafters. You could use the edge of the cedar ridge fascia as a straight edge.

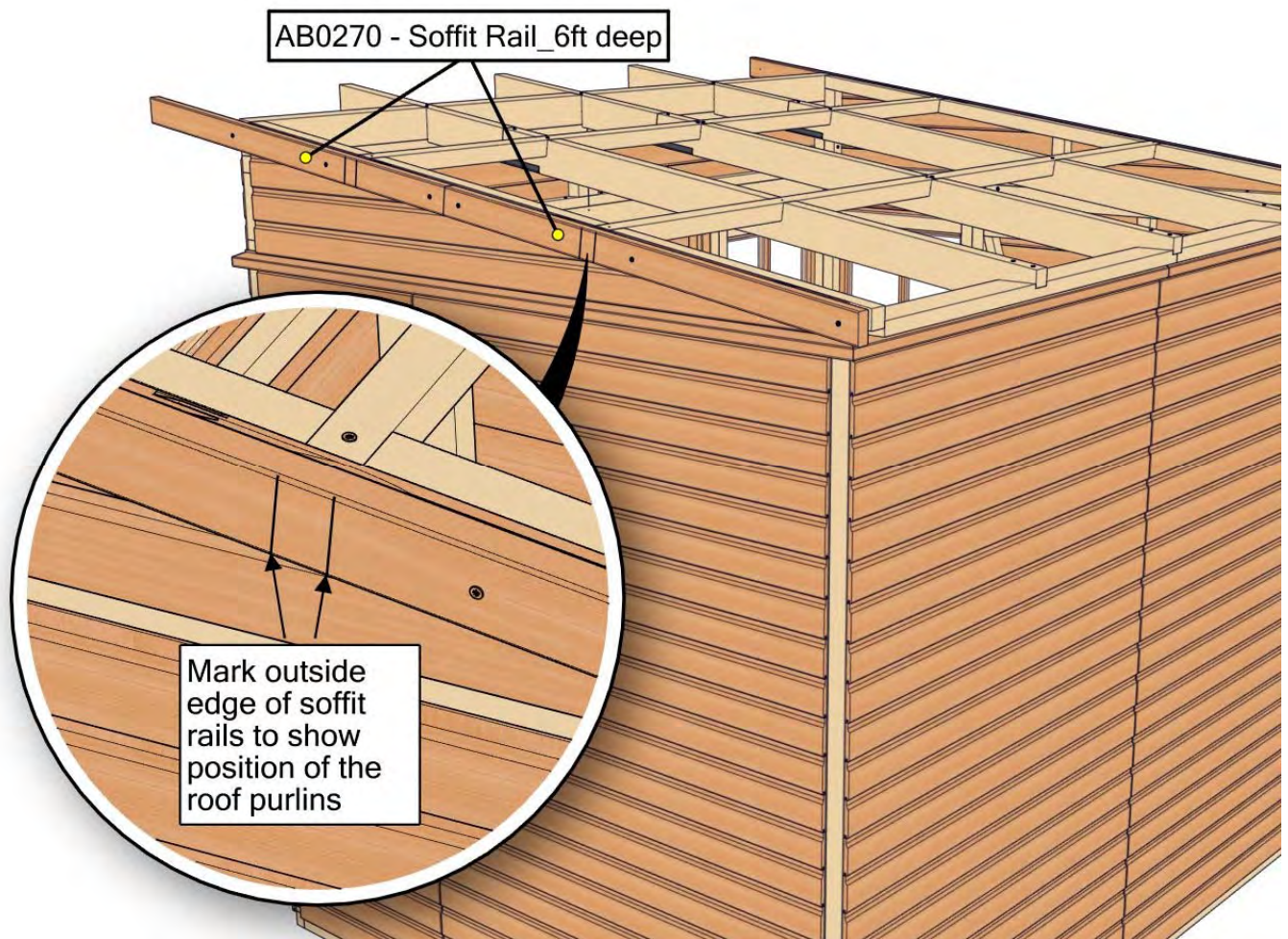
AB0270 - Soffit Rail\_6ft deep\_Copy for instructions

Drill 4mm pilot holes and fix

02-5110 - Csk 5 x 60mm Zp

Keep in-line

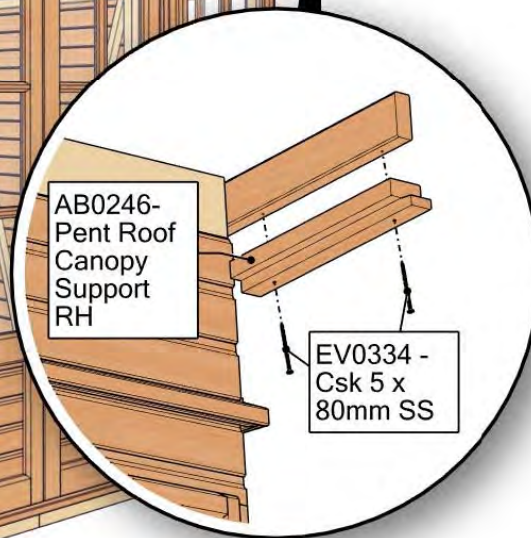
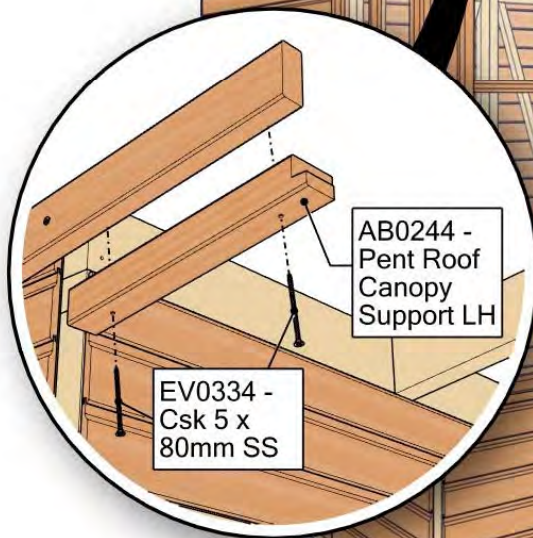






Drill 4mm pilot holes and fix

Next fit the canopy support bars to the soffit rails. The outside edge of these should be flush with the outside face of the soffit rails. When lined up, drill 2 pilot holes as shown and fix.



AB0266 - SH Pent Roof Sub Fascia\_Front\_8ft wide

Drill 4mm pilot holes and fix

02-1816 - Csk 5 x 40mm Zp

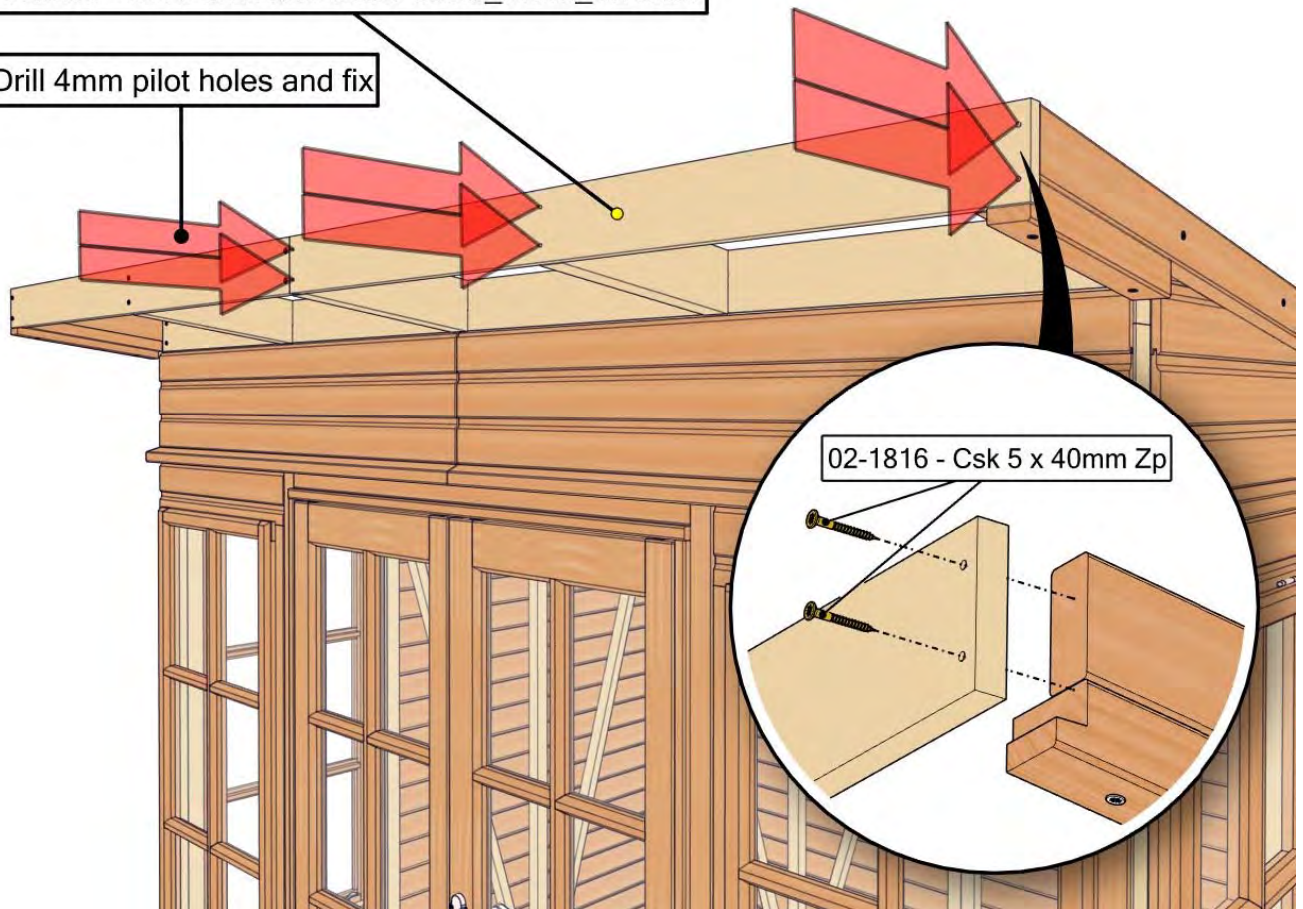
The sub fascia sits neatly into the canopy support, the top edge should follow in-line with the roof rafters. Keep the end of the sub fascia level with the outside face of the soffit rail. The other end will then meet the half way point of the middle roof rafter.

Part No.	Part Description
AB0266	SH Pent Roof Sub Fascia_8ft wide 1303mm
AB0267	SH Pent Roof Sub Fascia_10ft wide 1548mm
AB0268	SH Pent Roof Sub Fascia_12ft wide 1933mm



AB0266 - SH Pent Roof Sub Fascia\_Front\_8ft wide

Drill 4mm pilot holes and fix



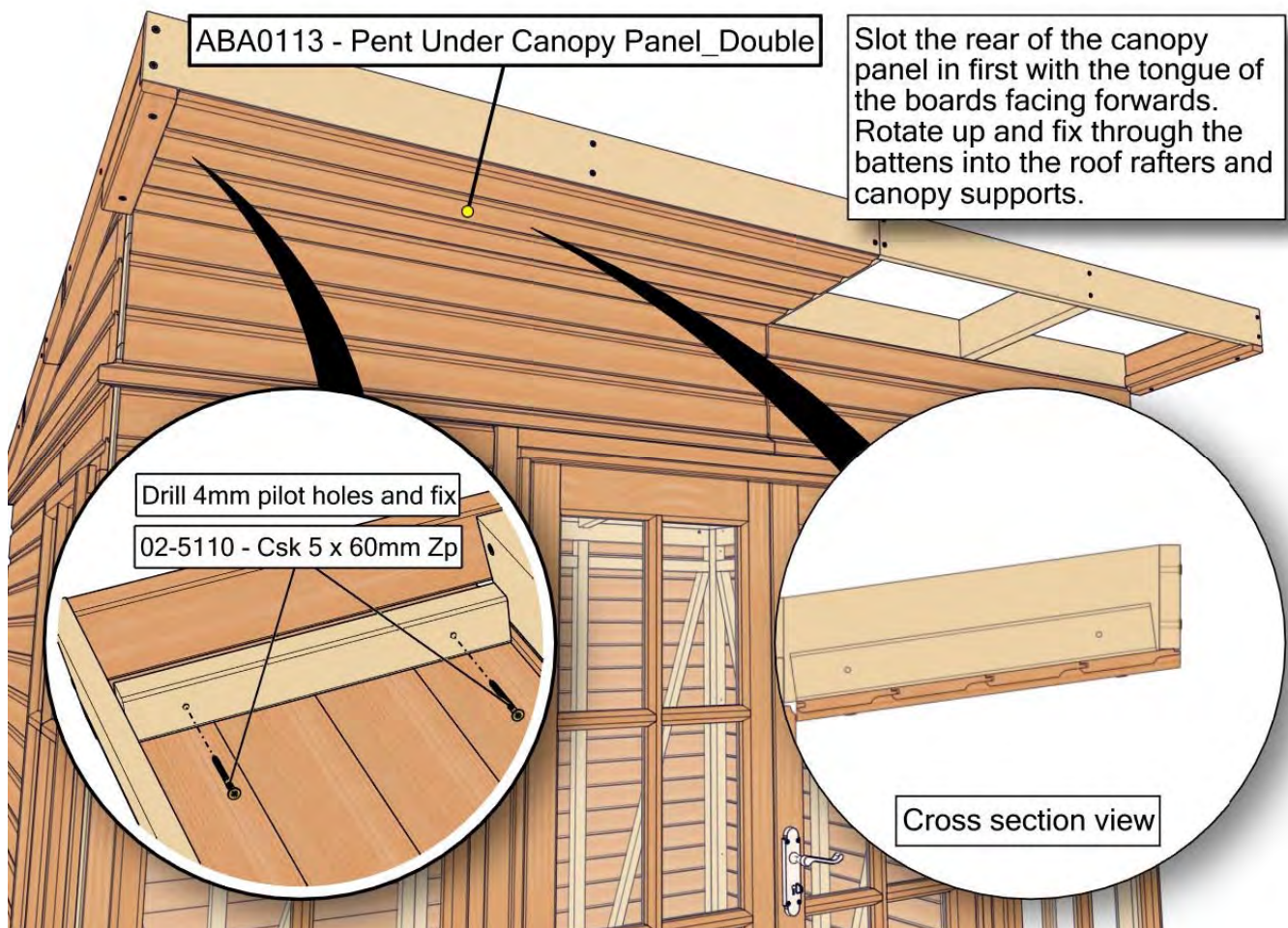
ABA0113 - Pent Under Canopy Panel\_Double

Slot the rear of the canopy panel in first with the tongue of the boards facing forwards. Rotate up and fix through the battens into the roof rafters and canopy supports.

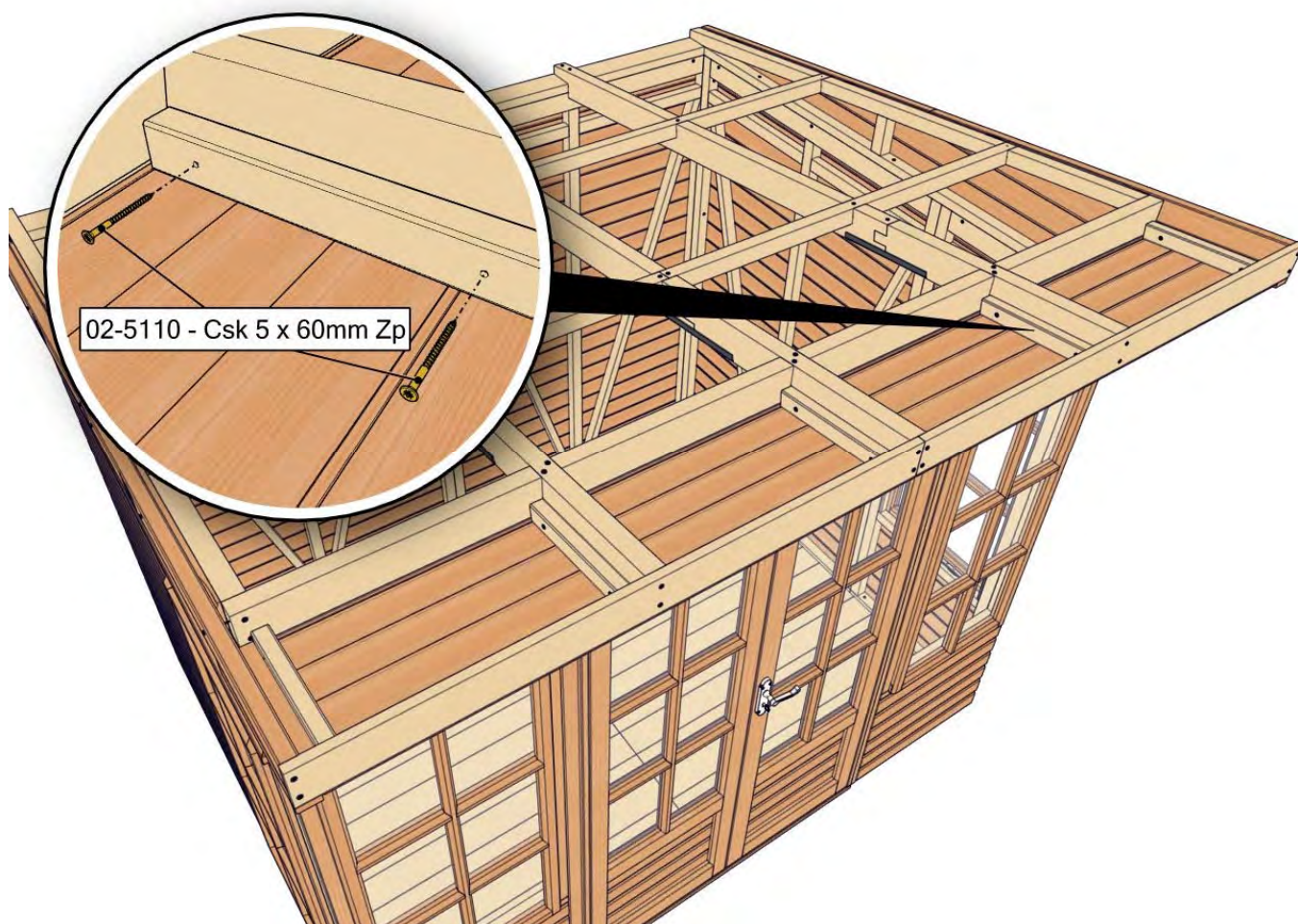
Drill 4mm pilot holes and fix

02-5110 - Csk 5 x 60mm Zp

Cross section view

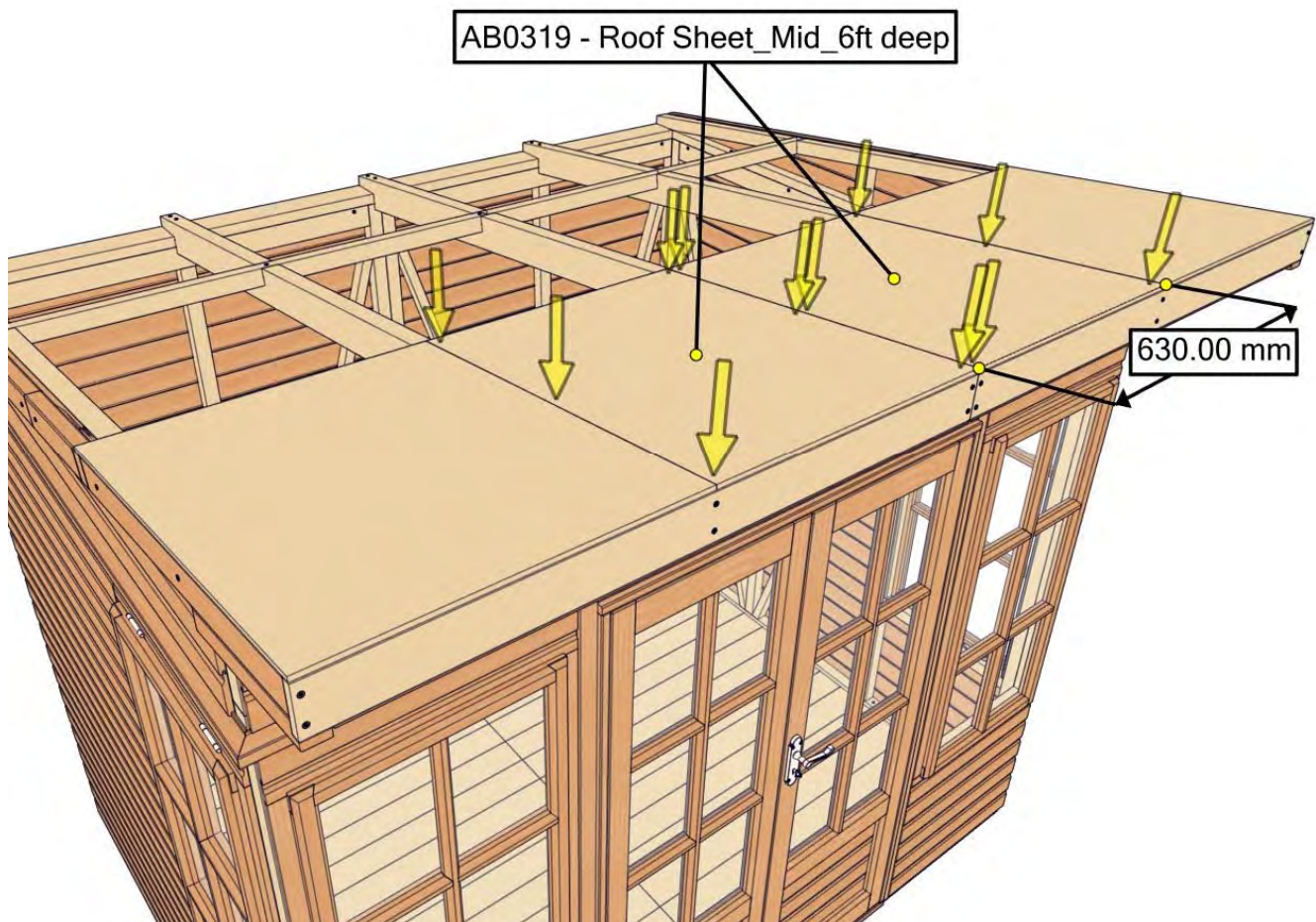
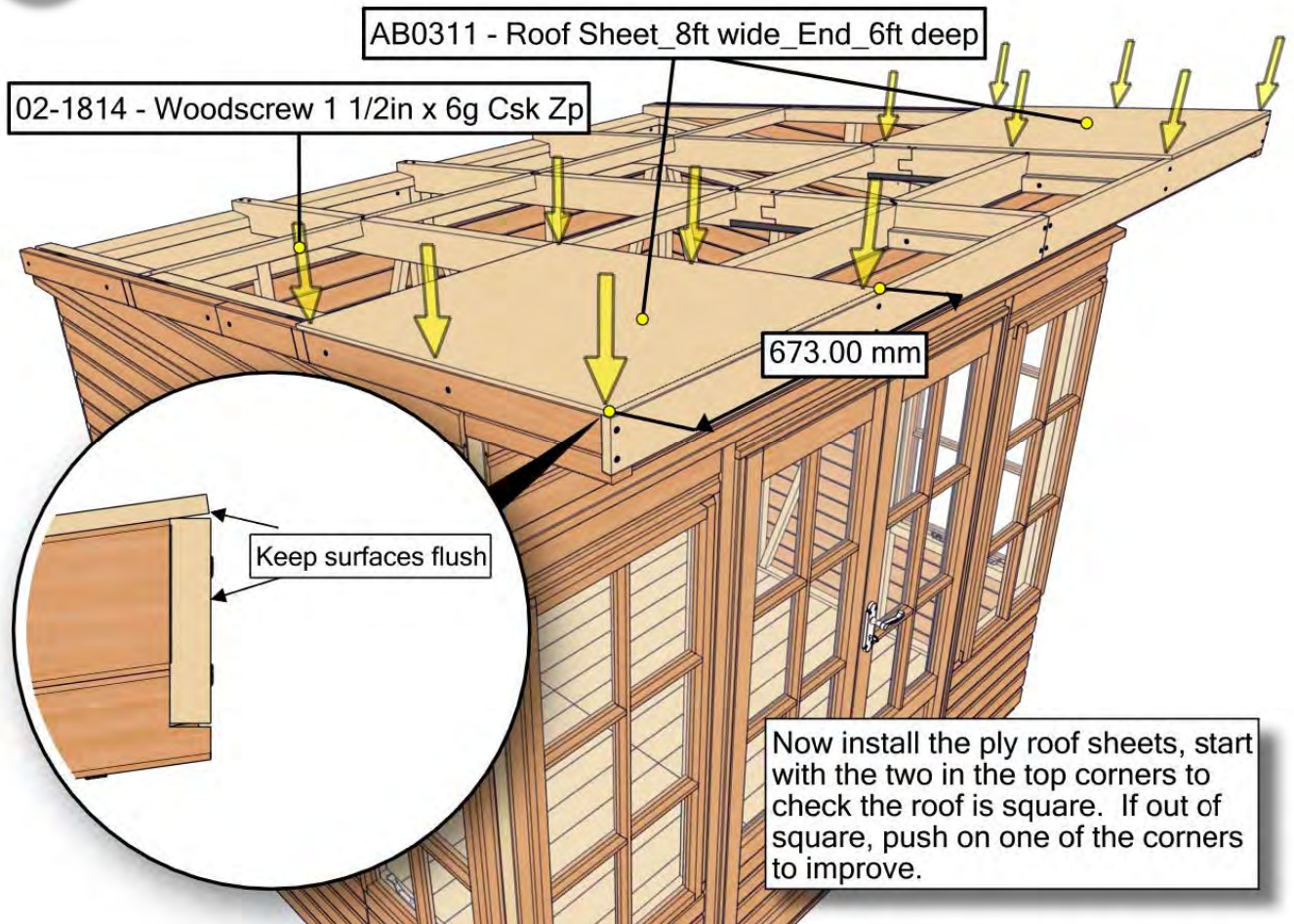






Part No.	Part Description	6x8	6x10	6x12
ABA0113	Pent Under Canopy Panel_Double	2	-	3
ABA0114	Pent Under Canopy Panel_Triple	-	2	-



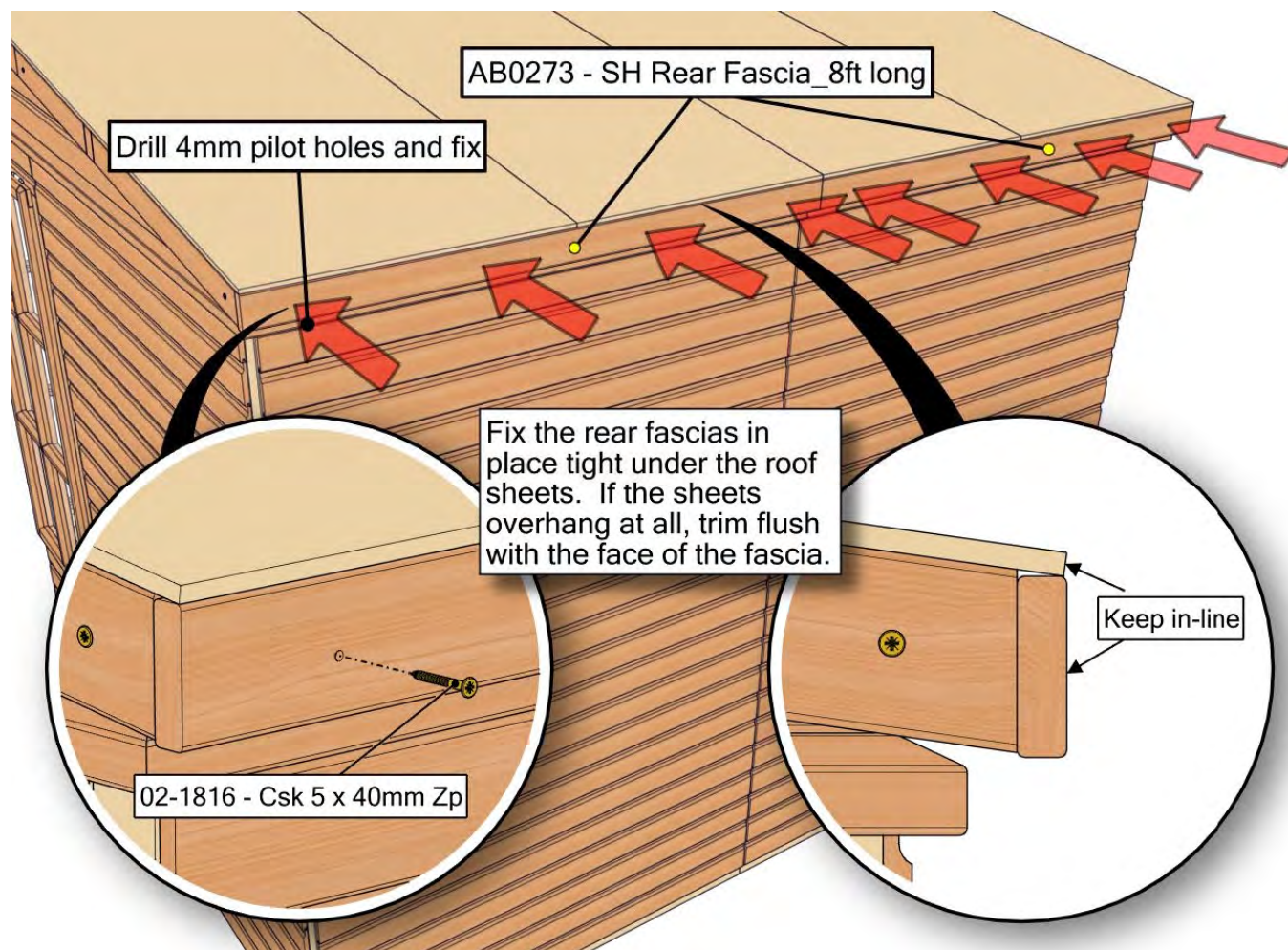




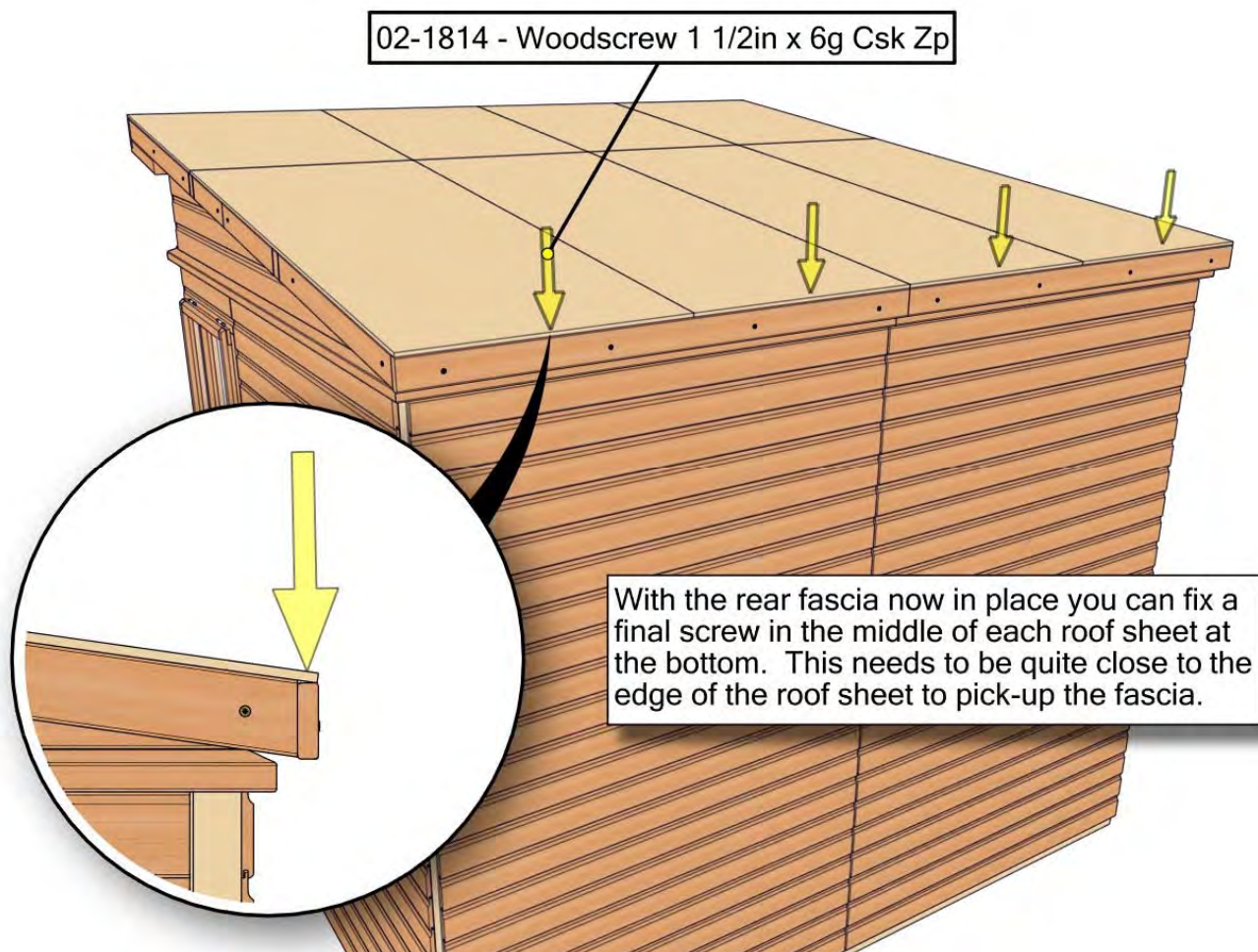
AB0310 - Roof Sheet\_8ft and 12ft wide\_End\_Starter

AB0318 - Roof Sheet\_Mid\_Starter

Continue to fix the large roof sheets butting them up to the smaller ones above. Fix each sheet as the arrows suggest with a fixing going through the middle of the sheet into the pulir below. Use the marks you made on the soffit rails to help line this screw up (a string line or straight edge may be useful when doing this).





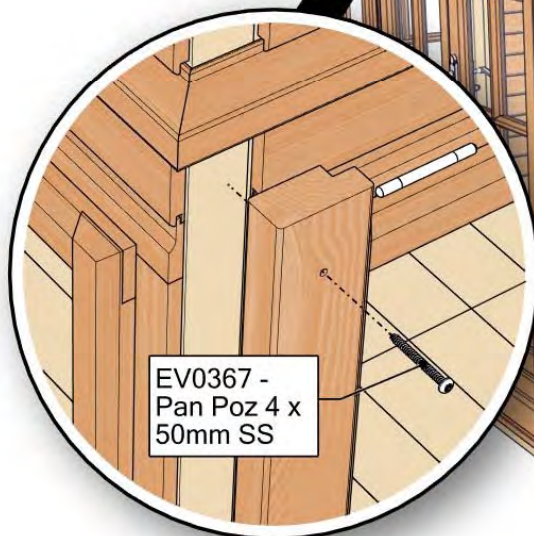


Part No.	Part Description	6x8	6x10	6x12
AB0310	Roof Sheet_8ft and 12ft wide_End_Starter 673mm x 1554mm	2	-	2
AB0311	Roof Sheet_8ft wide_End_6ft deep 673mm x 878mm	2	-	2
AB0313	Roof Sheet_10ft wide_End_Starter 918mm x 1554mm	-	2	-
AB0314	Roof Sheet_10ft wide_End_6ft deep 918mm x 878mm	-	2	-
AB0318	Roof Sheet_Mid_Starter 630mm x 1554mm	2	2	4
AB0319	Roof Sheet_Mid_6ft deep 630mm x 878mm	2	2	4



Now the corner cloaking can be installed. Keeping it flush with the front face of the front panels and just below the top trim rails fix in place.

AB0517 - External Corner Cloaking



AB0223 - External Corner Cloaking\_Above Trim Rail\_6ft Deep\_LH

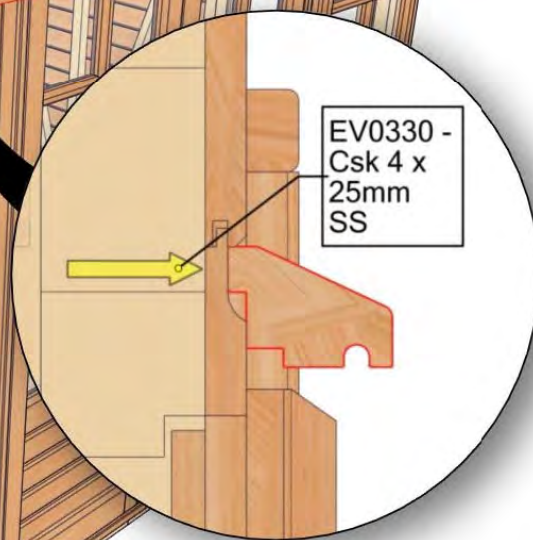
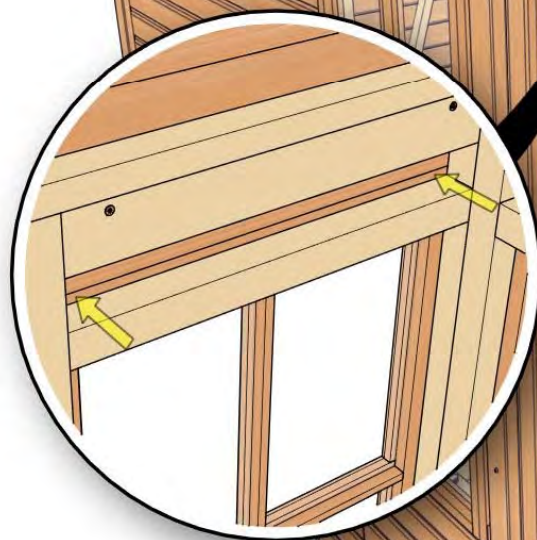
AB0224 - External Corner Cloaking\_Above Trim Rail\_6ft Deep\_RH





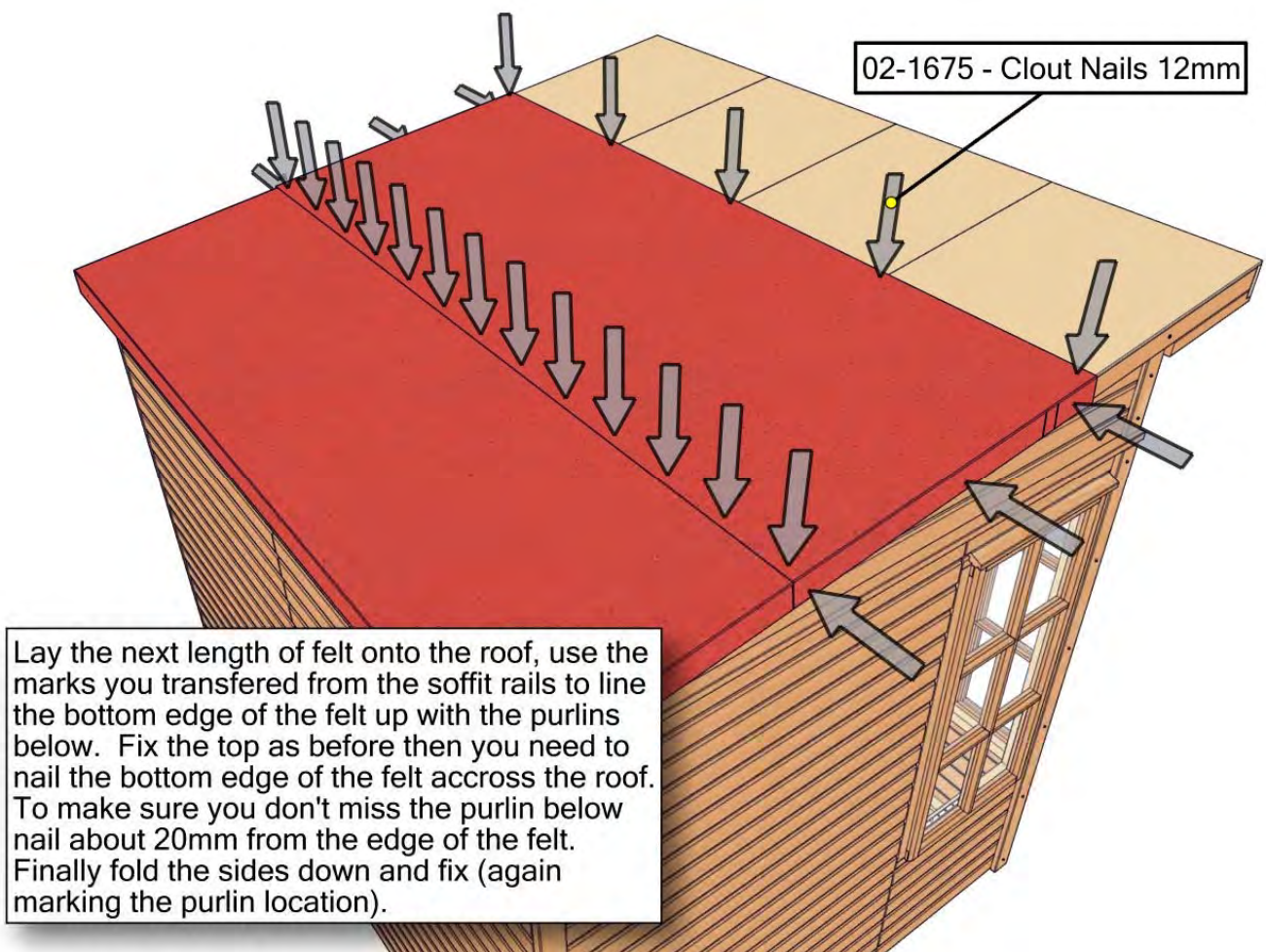
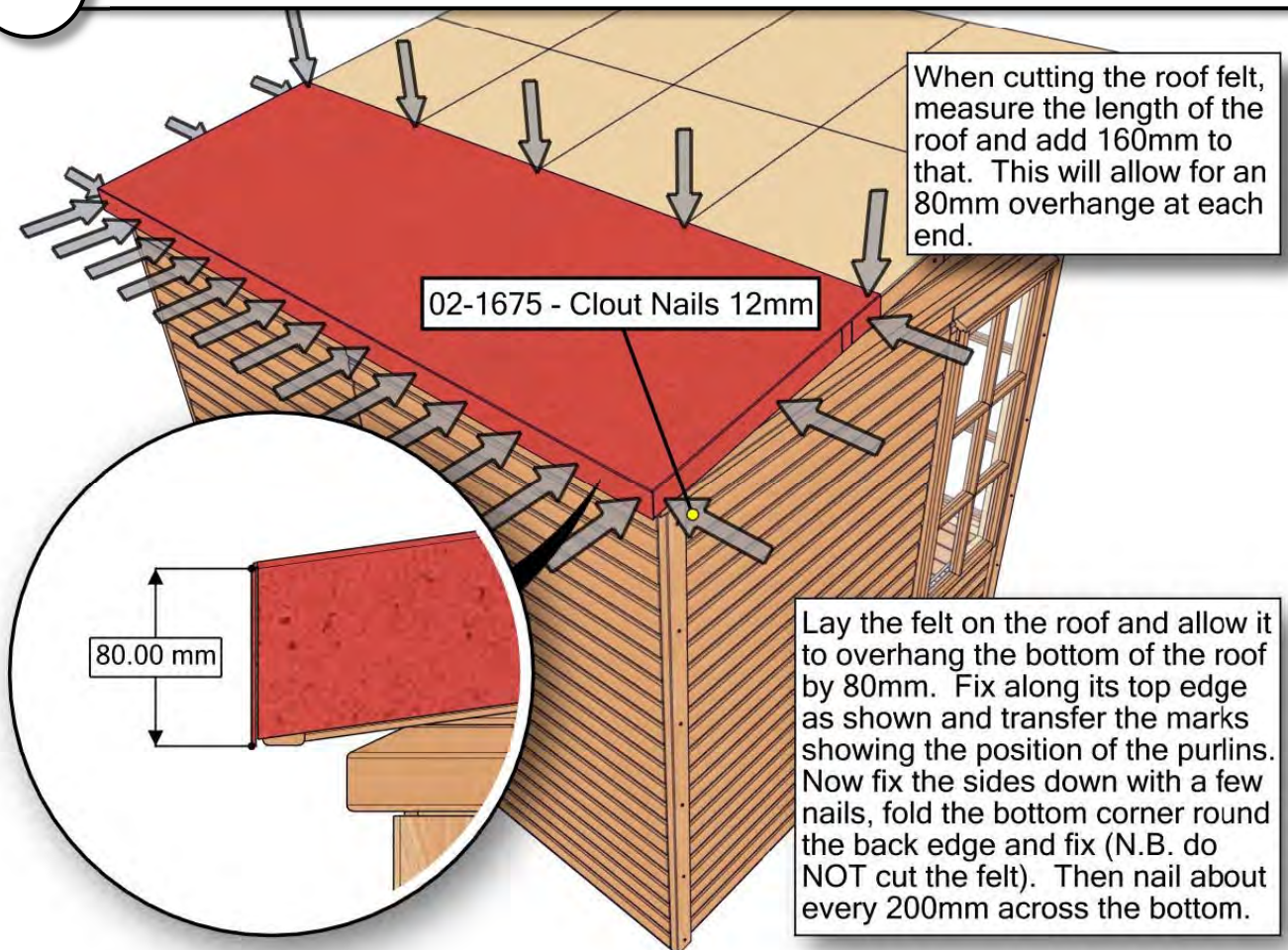
With help position the weather strip above the window and fix from the inside. Fix directly through the cedar cladding between the softwood frame above the window.

AB0199 - Window Weather Strip\_Single



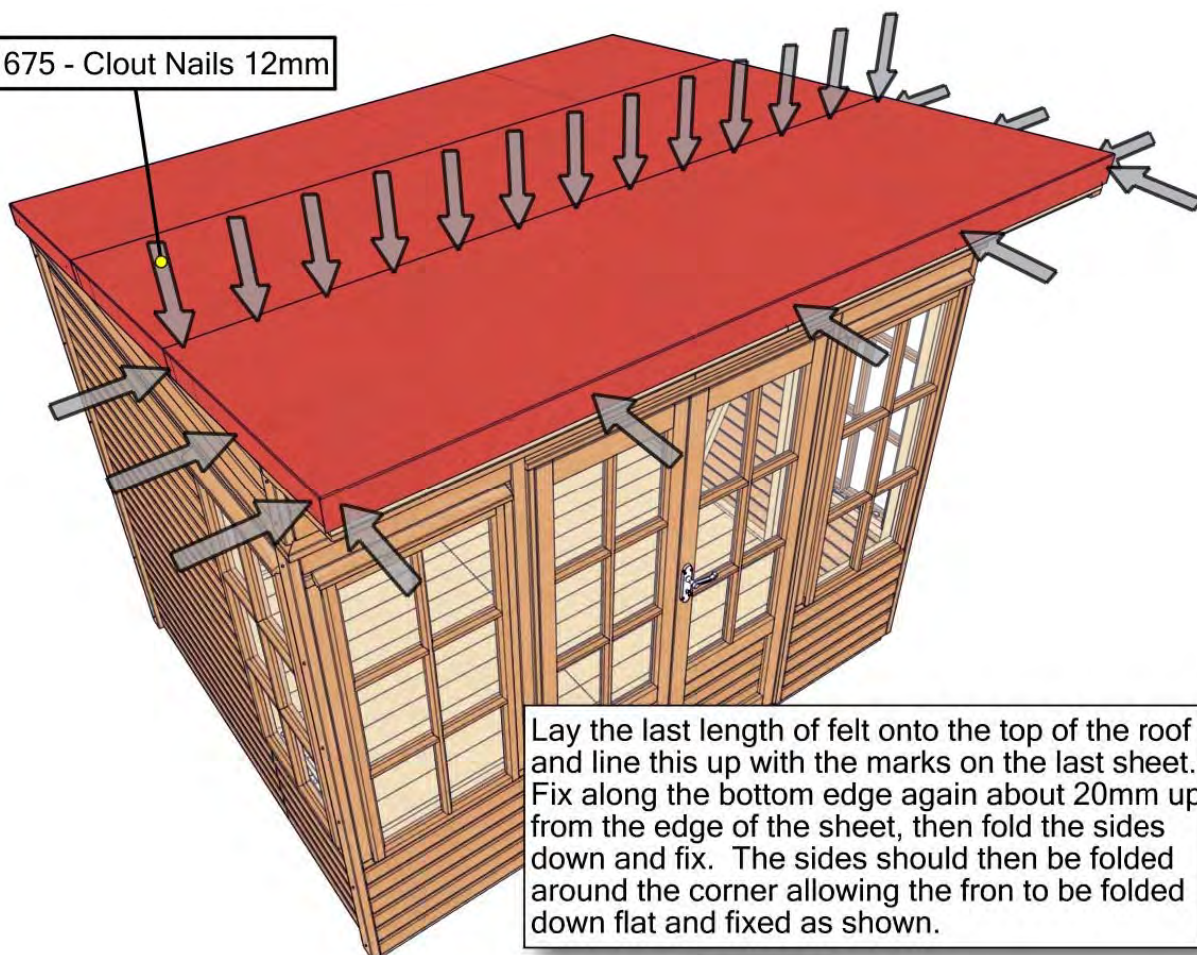
Part No.	Part Description	6x8	6x10	6x12
AB0114	Window Weather Strip_Single 740mm	-	2	2
AB0199	Window Weather Strip_Single 582mm	4	2	2







02-1675 - Clout Nails 12mm



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## Barge Board Installation

Now install the barge boards to the side of the roof. Line the rear end up with the back of the roof and keep the top face flush with the roof felt.

AB0277 - Pent Roof Barge Board\_Side\_6ft deep\_1

Keep in-line

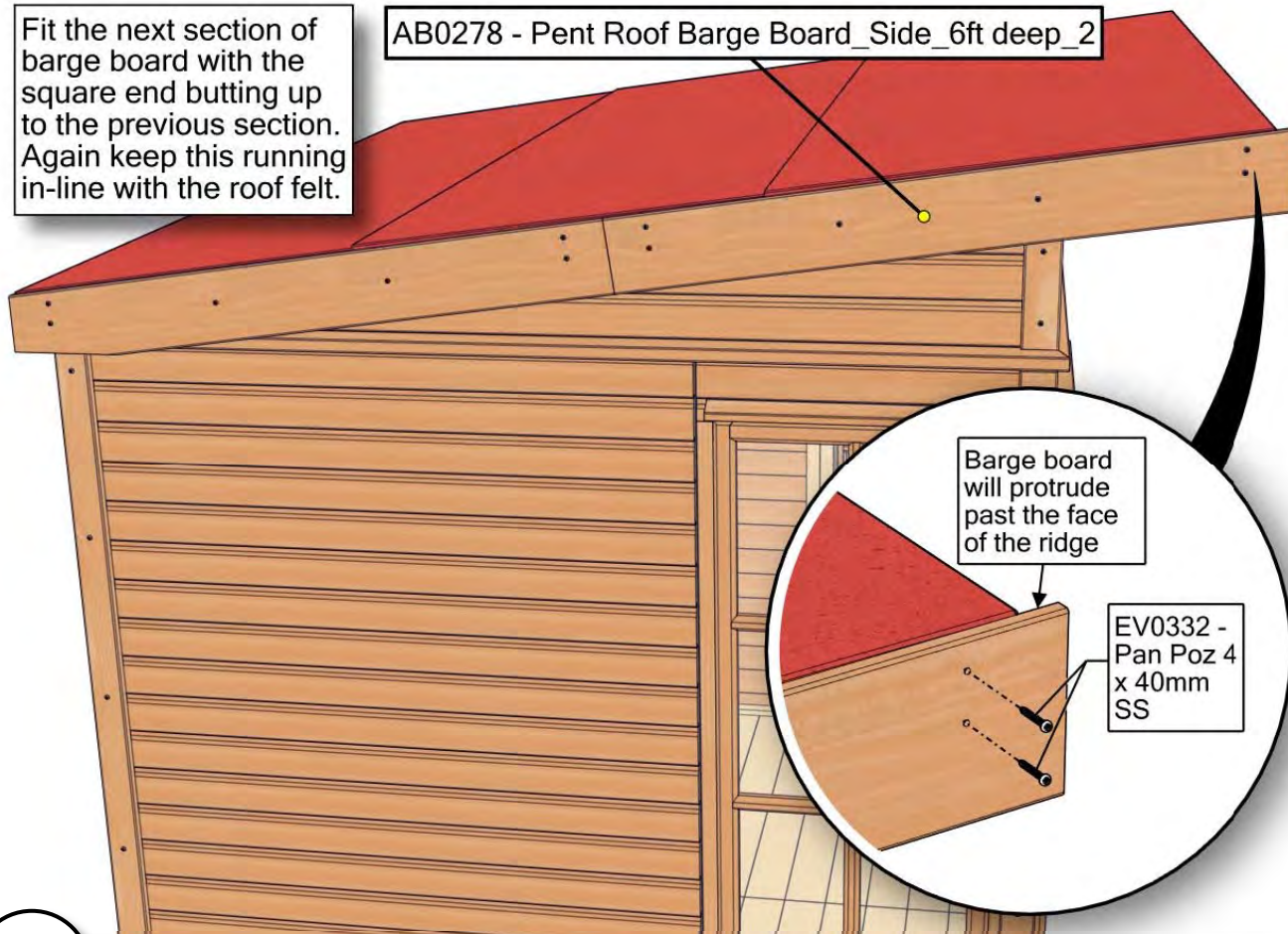
Top View

EV0332 - Pan Poz 4 x 40mm SS



Fit the next section of barge board with the square end butting up to the previous section. Again keep this running in-line with the roof felt.

AB0278 - Pent Roof Barge Board\_Side\_6ft deep\_2



Barge board will protrude past the face of the ridge

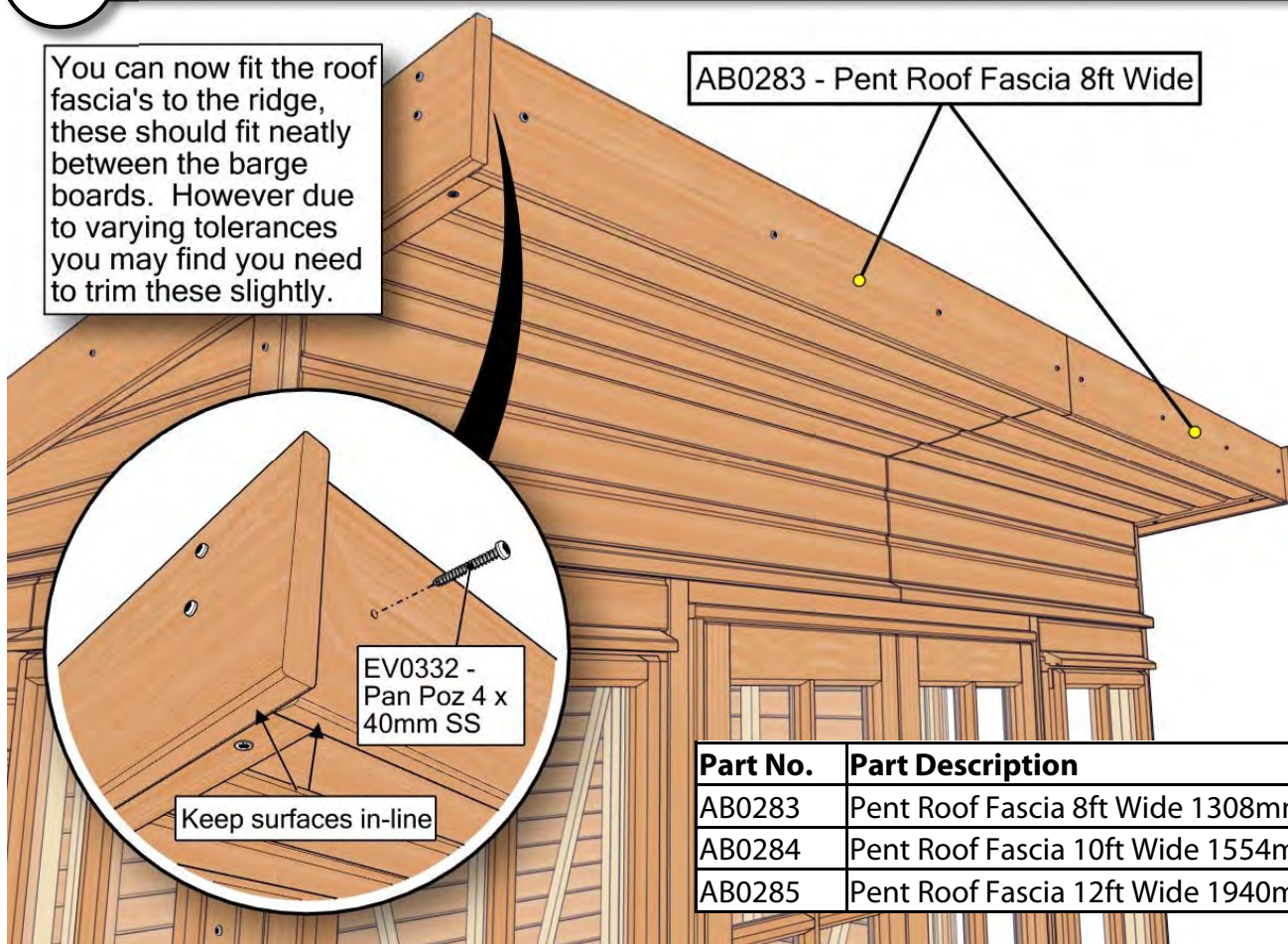
EV0332 - Pan Poz 4 x 40mm SS

21

## Ridge Fascia Installation

You can now fit the roof fascia's to the ridge, these should fit neatly between the barge boards. However due to varying tolerances you may find you need to trim these slightly.

AB0283 - Pent Roof Fascia 8ft Wide

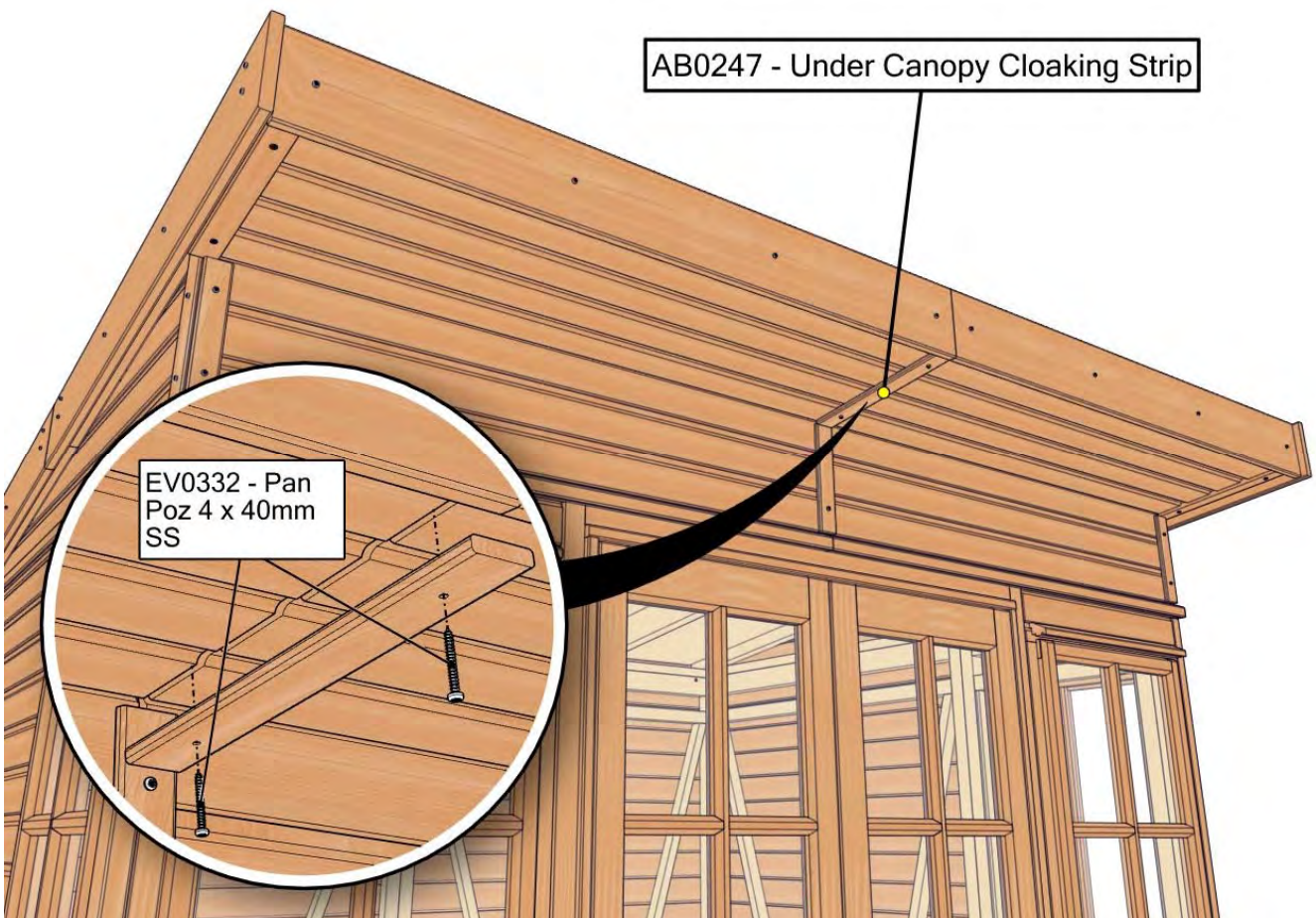
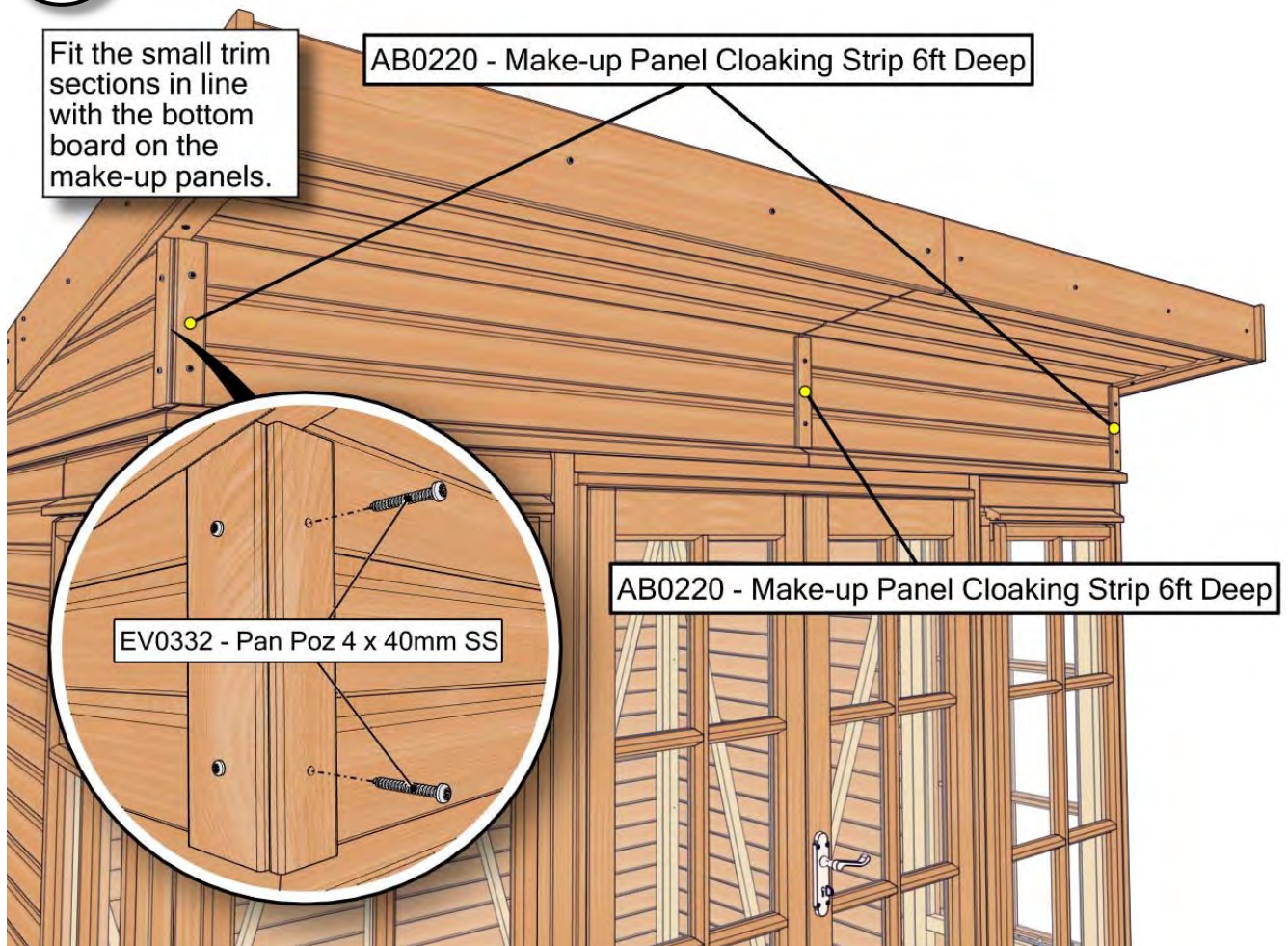


EV0332 - Pan Poz 4 x 40mm SS

Keep surfaces in-line

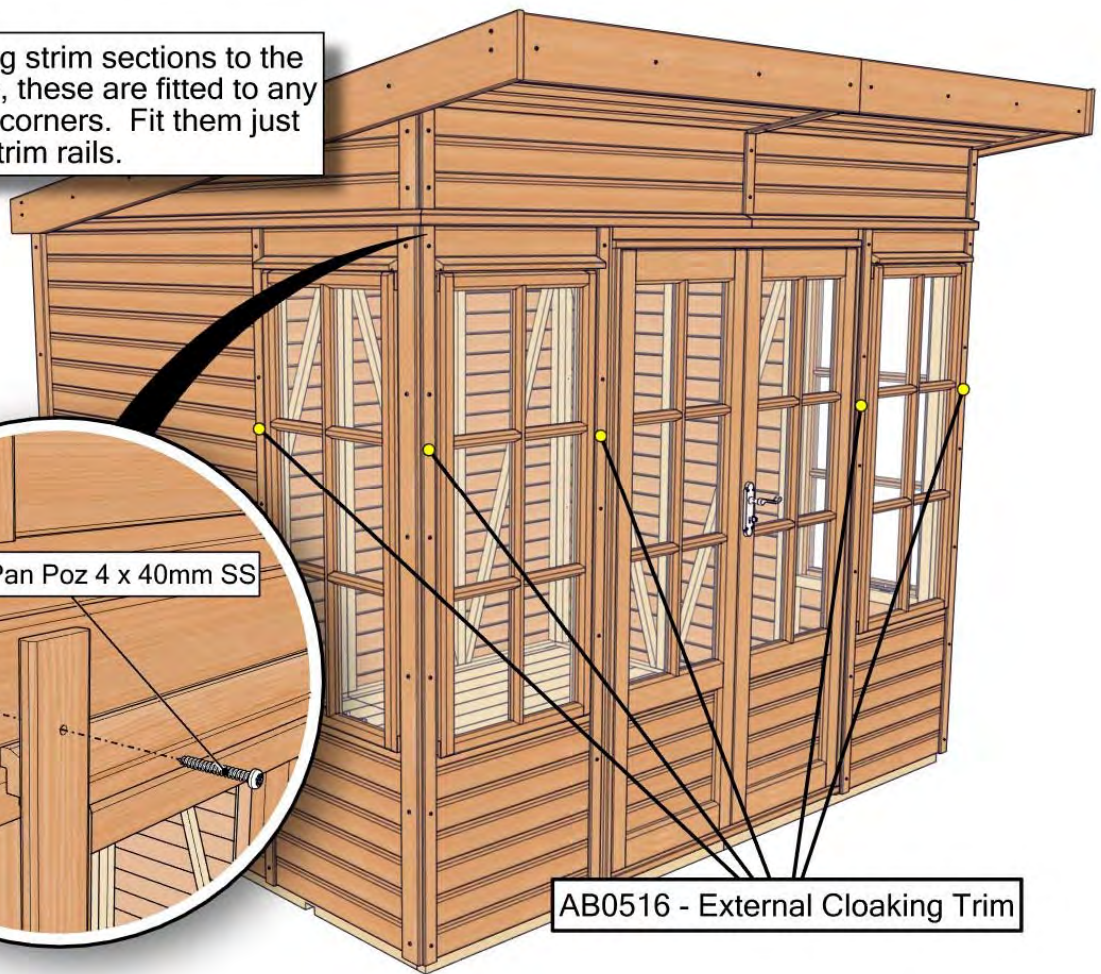
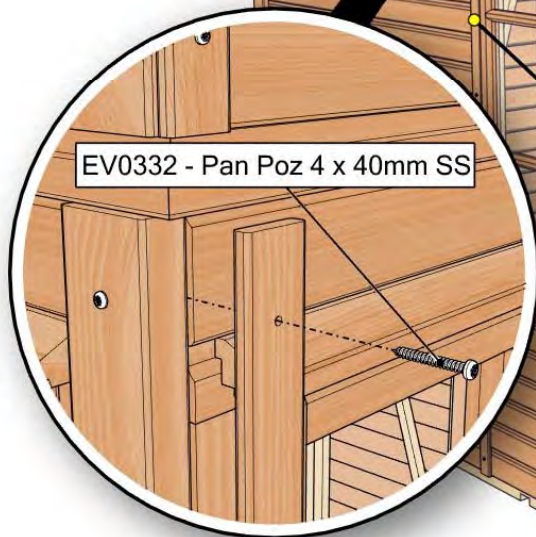
Part No.	Part Description
AB0283	Pent Roof Fascia 8ft Wide 1308mm
AB0284	Pent Roof Fascia 10ft Wide 1554mm
AB0285	Pent Roof Fascia 12ft Wide 1940mm



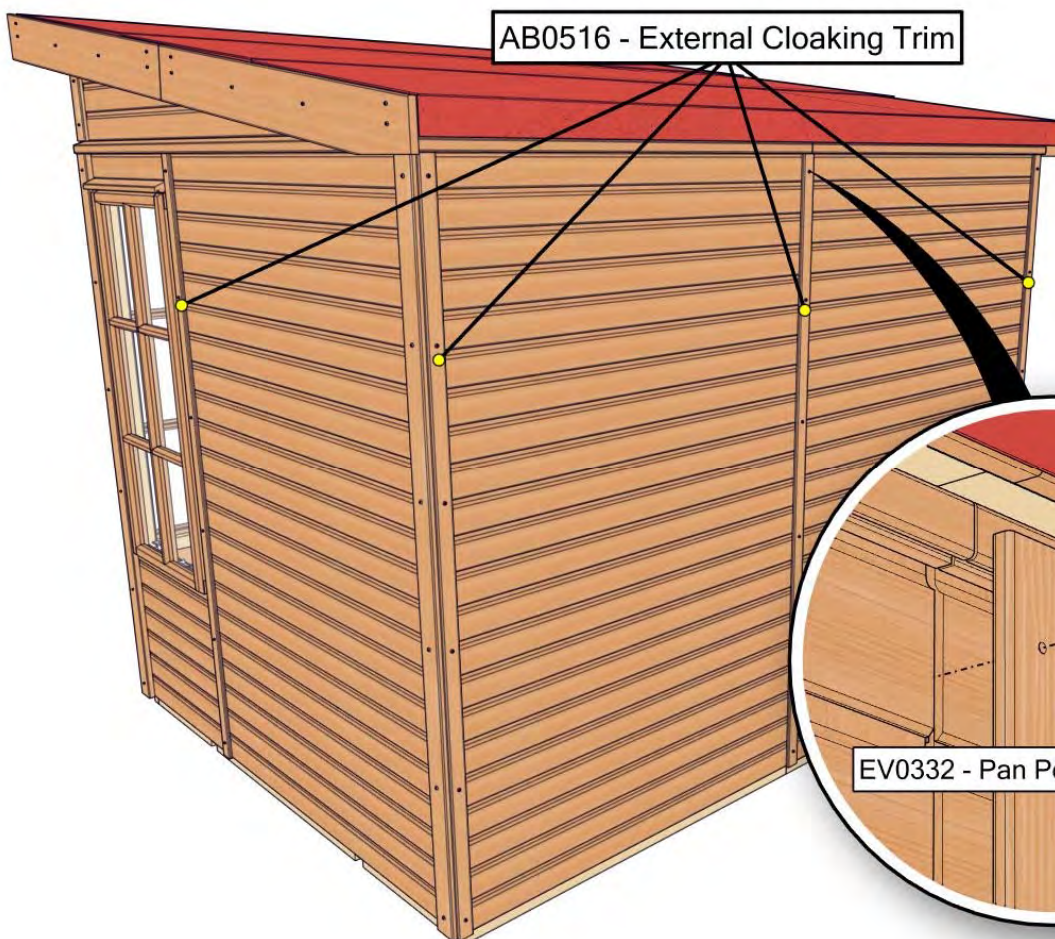




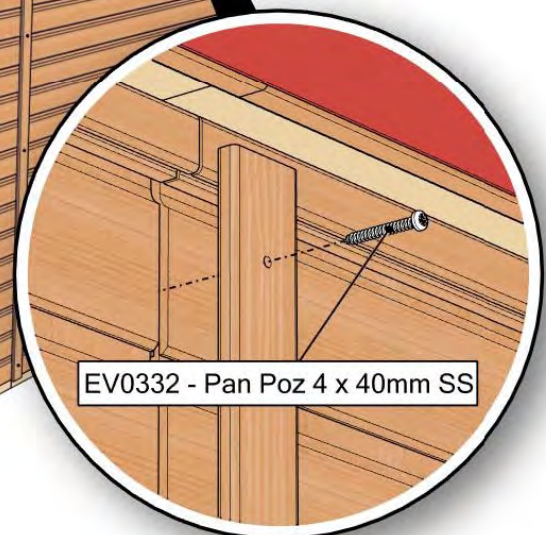
Now fit the long trim sections to the summerhouse, these are fitted to any panel gaps or corners. Fit them just below the top trim rails.



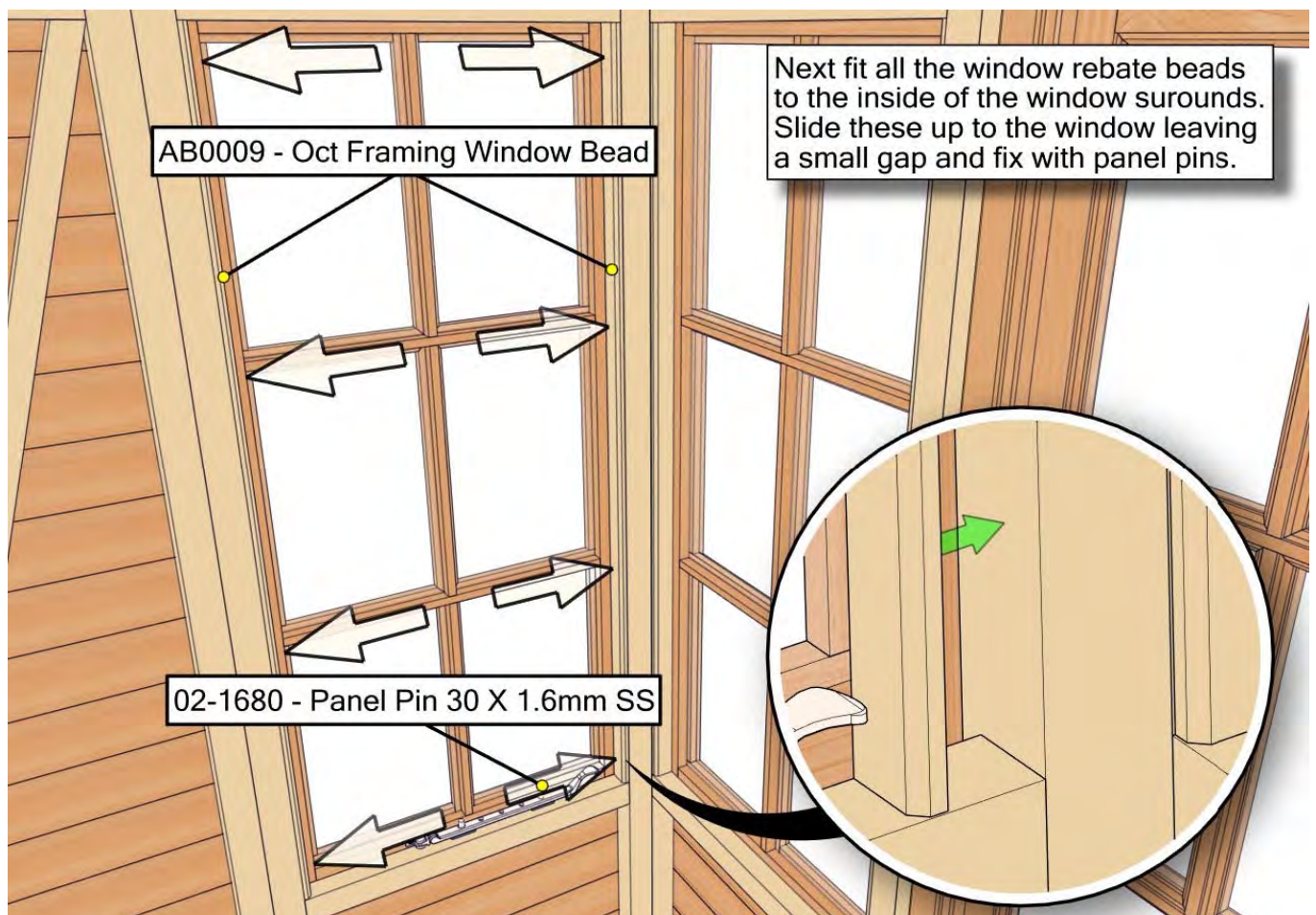
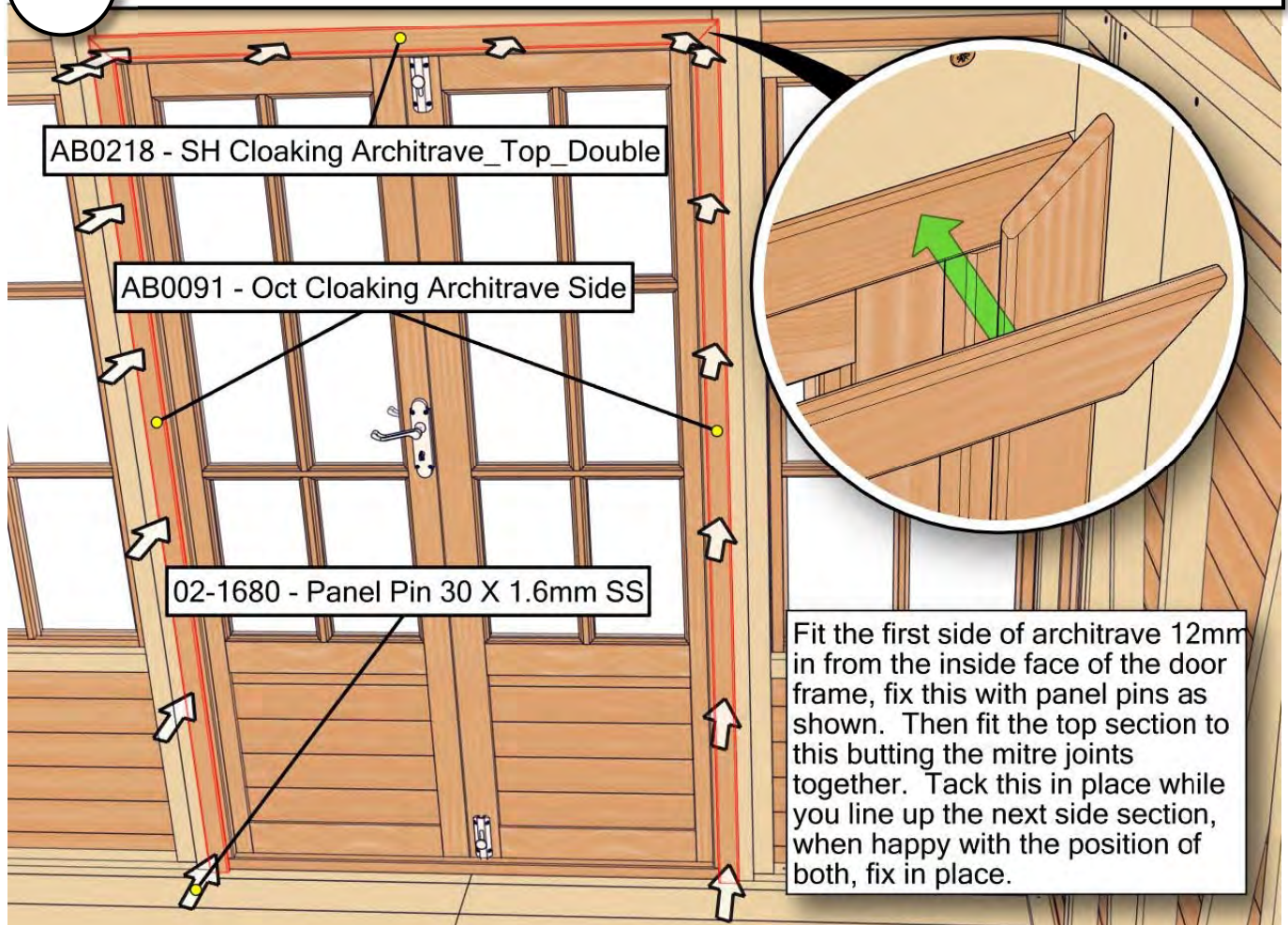
AB0516 - External Cloaking Trim



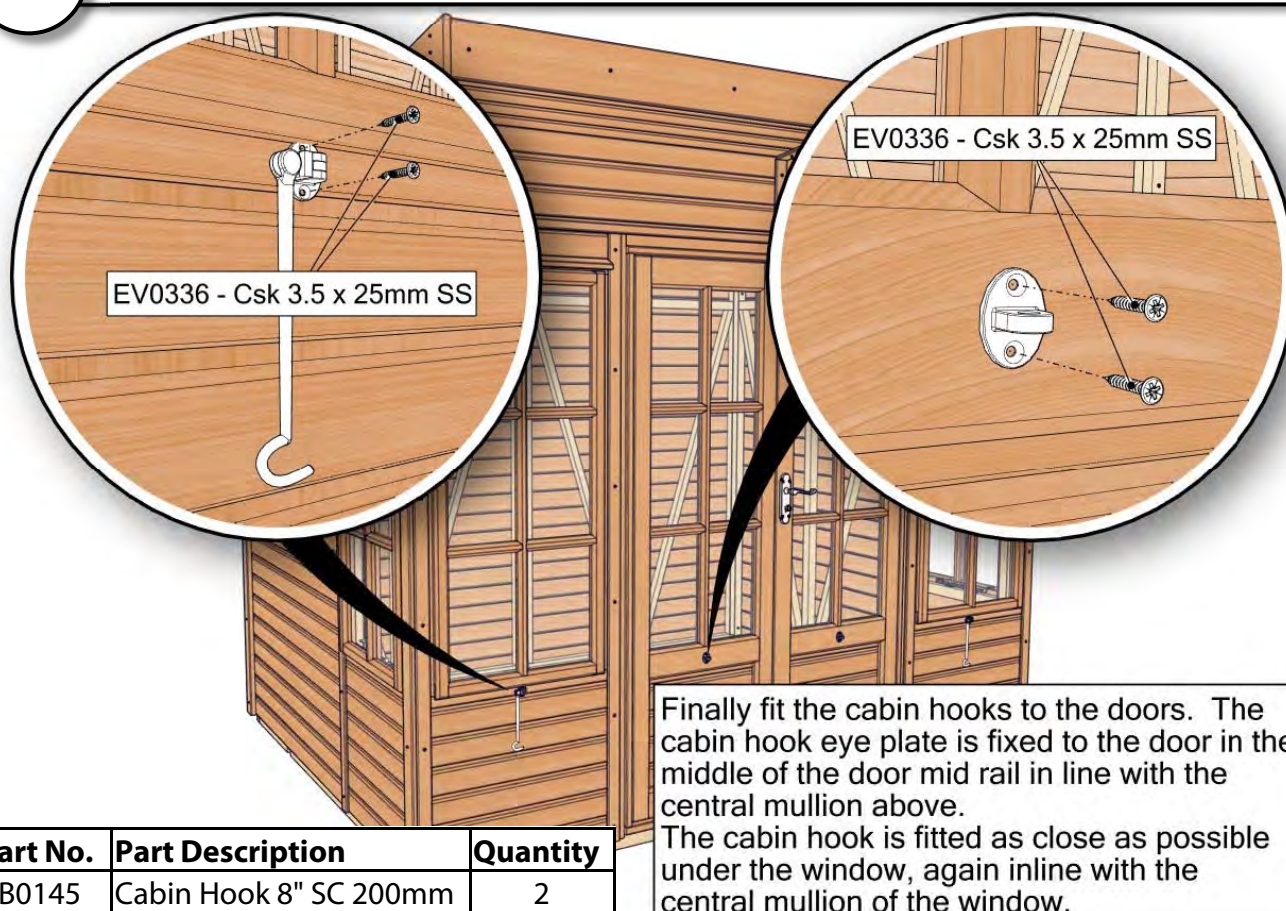
AB0516 - External Cloaking Trim













What's on the van:				
		6x8	6x10	6x12
Part No.	Part Description	ABCEDPEN68	ABCEDPEN610	ABCEDPEN612
ABA0063	SH Door Panel Assembled_Double	1	1	1
ABA0066	SH Side Panel Clad_Single_Window in	2	-	-
ABA0067	SH Side Panel Clad_Single_Window in	2	2	2
ABA0068	SH Side Panel Clad_3qtr_Plain	-	2	-
ABA0070	SH Side Panel Clad_3qtr_Window in frame_Fixed	-	2	-
ABA0073	SH Side Panel Clad_Double_Window in	-	-	2
ABA0075	Pent Gable Panel Clad_6ft deep_LH	1	1	1
ABA0076	Pent Gable Panel Clad_6ft deep_RH	1	1	1
ABA0102	Floor Assembly 6x10 End	-	2	-
ABA0107	Make-up Panel Clad_6ft deep_Double	2	-	3
ABA0108	Make-up Panel Clad_6ft deep_Triple	-	2	-
ABA0113	Pent Under Canopy Panel_Double	2	-	3
ABA0114	Pent Under Canopy Panel_Triple	-	2	-
ABA0168	Floor Assembly - 6x4	2	1	3
ABA0188	Side Panel Clad_Double_Plain	4	3	5
AB0150	Roofing Felt Red 10m	1	1	2
AB0310	Roof Sheet_8ft and 12ft wide_End_Starter 673mm x 1554mm	2	-	2
AB0311	Roof Sheet_8ft wide_End_6ft deep 673mm x	2	-	2
AB0313	Roof Sheet_10ft wide_End_Starter 918mm x 1554mm	-	2	-
AB0314	Roof Sheet_10ft wide_End_6ft deep 918mm x	-	2	-
AB0318	Roof Sheet_Mid_Starter 630mm x 1554mm	2	2	4
AB0319	Roof Sheet_Mid_6ft deep 630mm x 878mm	2	2	4
ABCEDPENBOX68	Pent Summerhouse 6x8 Box	1	-	-
ABCEDPENBOX610	Pent Summerhouse 6x10 Box	-	1	-
ABCEDPENBOX612	Pent Summerhouse 6x12 Box	-	-	1

Summerhouse Box Contents:				
		6x8	6x10	6x12
Part No.	Part Description	ABCEDPENBOX68	ABCEDPENBOX610	ABCEDPENBOX612
AB0009	Oct Framing Window Bead 1202mm	8	8	8
AB0091	Oct Cloaking Architrave Side 1856mm	2	2	2
AB0093	Oct Cloaking Architrave_Top_Double 1301.5mm	1	1	1
AB0114	Window Weather Strip_Single 740mm	-	2	2
AB0145	Cabin Hook 8" SC 200mm	2	2	2
AB0199	Window Weather Strip_Single 582mm	4	2	2
AB0220	Make-up Panel Cloaking Strip 6ft Deep 234mm	3	3	4
AB0223	External Corner Cloaking_Above Trim Rail_6ft	1	1	1



Part No.	Part Description	ABCEPENBOX68	ABCEPENBOX610	ABCEPENBOX612
AB0224	External Corner Cloaking_Above Trim Rail_6ft	1	1	1
AB0239N	Rafter Brace Plate **Anthracite** 300mm	3	5	5
AB0240	Pent Roof Rafter 6ft deep_Front 753mm	3	5	5
AB0243	Pent Roof Rafter_Rear 1700mm	3	5	5
AB0244	Pent Roof Canopy Support LH 360mm	1	1	1
AB0246	Pent Roof Canopy Support RH 360mm	1	1	1
AB0247	Under Canopy Cloaking Strip 346mm	1	1	2
AB0250	Pent Front Wall Plate 8ft Wide LH 1260mm	1	-	-
AB0251	Pent Front Wall Plate 8ft Wide RH 1260mm	1	-	-
AB0252	Pent Front Wall Plate 10ft Wide LH 1505mm	-	1	-
AB0253	Pent Front Wall Plate 10ft Wide RH 1505mm	-	1	-
AB0254	Pent Front Wall Plate 12ft Wide LH 1890mm	-	-	1
AB0255	Pent Front Wall Plate 12ft Wide RH 1890mm	-	-	1
AB0258	SH Eaves Plate 8ft Long 1216mm	2	-	-
AB0259	SH Eaves Plate 10ft Long 1461mm	-	2	-
AB0260	SH Eaves Plate 12ft Long 1846mm	-	-	2
AB0266	SH Pent Roof Sub Fascia_Front_8ft wide	2	-	-
AB0267	SH Pent Roof Sub Fascia_Front_10ft wide	-	2	-
AB0268	SH Pent Roof Sub Fascia_Front_12ft wide	-	-	2
AB0270	Soffit Rail_6ft deep 1203mm	4	4	4
AB0273	SH Rear Fascia_8ft long 1303mm	2	-	-
AB0274	SH Rear Fascia_10ft long 1548mm	-	2	-
AB0275	SH Rear Fascia_12ft long 1933mm	-	-	2
AB0277	Pent Roof Barge Board_Side 6ft deep_1 1246mm	2	2	2
AB0278	Pent Roof Barge Board_Side 6ft deep_2 1246mm	2	2	2
AB0283	Pent Roof Fascia 8ft Wide 1308mm	2	-	-
AB0284	Pent Roof Fascia 10ft Wide 1554mm	-	2	-
AB0285	Pent Roof Fascia 12ft Wide 1940mm	-	-	2
AB0290	Top Trim Rail - 6ft Deep 2042mm	2	2	2
AB0295	Top Trim Rail - 8ft long_LH 1291mm	2	-	-
AB0296	Top Trim Rail - 8ft long_RH 1291mm	2	-	-
AB0297	Top Trim Rail - 10ft long_LH 1536mm	-	2	-
AB0298	Top Trim Rail - 10ft long_RH 1536mm	-	2	-
AB0299	Top Trim Rail - 12ft long_LH 1922mm	-	-	2
AB0300	Top Trim Rail - 12ft long_RH 1922mm	-	-	2
AB0306	Roof Purlin 8ft long 1260mm	4	-	-
AB0307	Roof Purlin 10ft long 1505mm	-	4	-
AB0308	Roof Purlin 12ft long 1890mm	-	-	4
AB0516	External Cloaking Trim 1903mm	9	10	10
AB0517	External Corner Cloaking 1903mm	4	4	4
EV0608	Victorian Door Handle SC	1	1	1
AB-	Smalls Pack 012	1	-	-
AB-	Smalls Pack 013	-	1	1



Smalls Packs:		
Part No.	Part Description	Quantity
<b>ABSMA012</b>	<b>Smalls Pack 012</b>	
EV0332	40mm x 4 Pan Poz A2 SS woodscrew EV0332	108
EV0333	50mm x 5 Csk pozi woodscrew A2 SS EV0333	14
EV0334	80mm x 5 Csk pozi woodscrew A2 SS EV0334	5
EV0336	25mm x 3.5 Csk pozi woodscrew A2 SS EV0336	10
EV0337	4mm HSS	1
EV0367	50mm Pan Poz SS EV0367	25
02-1868	Chipboard Screw Csk 5 X 80 Zy	70
02-1675	Clout Nails 1/2in	135
02-1680	Panel Pin 30 X 1.6mm S/steel	50
02-1814	Wftscrew 1 1/2inx6g Csk Zp	122
02-1816	Chipboard Screw 5 X 40mm Zy	58
02-5110	5 x 60mm Countersunk Passivated	115
<b>ABSMA013</b>	<b>Smalls Pack 013</b>	
EV0332	40mm x 4 Pan Poz A2 SS woodscrew EV0332	120
EV0333	50mm x 5 Csk pozi woodscrew A2 SS EV0333	22
EV0334	80mm x 5 Csk pozi woodscrew A2 SS EV0334	5
EV0336	25mm x 3.5 Csk pozi woodscrew A2 SS EV0336	10
EV0337	4mm HSS	1
EV0367	50mm Pan Poz SS EV0367	25
02-1868	Chipboard Screw Csk 5 X 80 Zy	92
02-1675	Clout Nails 1/2in	188
02-1680	Panel Pin 30 X 1.6mm S/steel	50
02-1814	Wftscrew 1 1/2inx6g Csk Zp	182
02-1816	Chipboard Screw 5 X 40mm Zy	72
02-5110	5 x 60mm Countersunk Passivated	140



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