

Octagonal 6x8 Instruction Manual







6' x 8' Cedar Summerhouse Assembly Instructions

Contents:	Section	Page
Introduction	-	3
Base Preparation	1	4
Overview	2	5
Floor Assembly	3	6
Side Assembly	4	7-12
Door Installation	5	13-14
Roof Assembly	6	15-23
Side Cloaking	7	24
Fixing to base	8	25
Roof Felting	9	26-28
Fascias and capping	10	29-33
Slatted Roof Installation (optional)	11	34-37
Top Cap and Finial	12	38
Casement stay set-up	13	39
Cabin Hook Fitting	14	40-41
Architrave Fitting	15	42
Window Trim Fitting	16	43
Weather Strip Fitting	17	44
Parts Lists		46-47

Introduction

Thank you for purchasing your new Alton summerhouse. We recommend you familiarise yourself with the instructions and read all safety information before you commence assembly. This instruction manual is also available online at www.greenhousepeople.co.uk in the technical help section should you need to reprint it. Should you require any additional advice you can always call us on 01782 385409.

Safety Warning

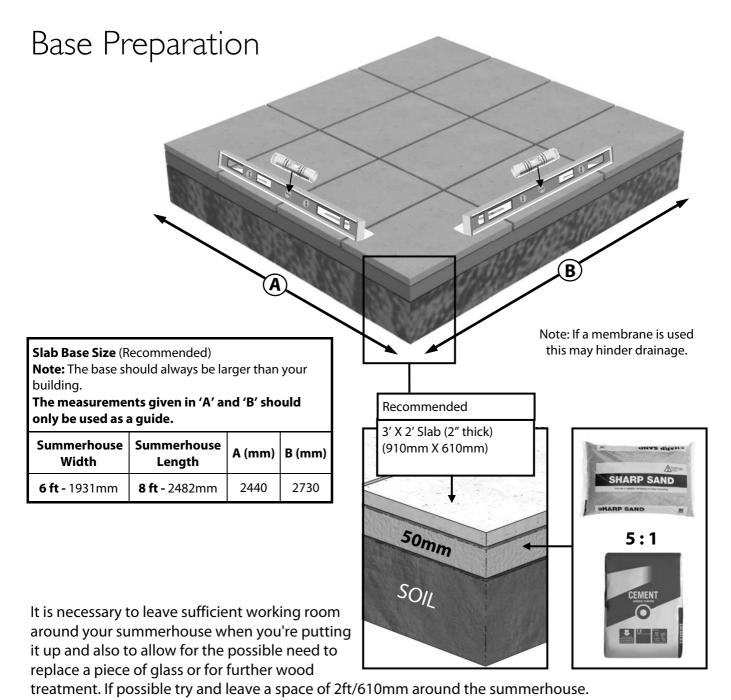
- Glass and timber can potentially cause injury. Please ensure you wear protective goggles, gloves, headgear and suitable footwear when assembling the building.
- Please remember that glass is fragile and should be handled with extreme care. Always clear up and dispose of any breakages immediately.
- Do not assemble the summerhouse in high winds.
- For safety reasons and ease of assembly, we recommend that this summerhouse 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.

Site Preparation

- When selecting a site for your summerhouse, 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 for your summerhouse. 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

- If you have arranged for someone to install your summerhouse for you, please check that all components are included. 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, the wood may soak up some water and some staining may occur. Your summerhouse is factory dipped in a clear spirit based preservative. We recommend that you re-apply some clear treatment annually particularly on the most exposed areas. If you want to avoid this and give your summerhouse a more permanent finish you could apply an oil based product (refer to manufacturers recommendations for recoating).



Note that the door opens outwards so you should not have any higher ground or obstacles outside the front of the summerhouse.

Choose a site where the summerhouse 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 summerhouse will look right so that it will complement your garden.

Overview

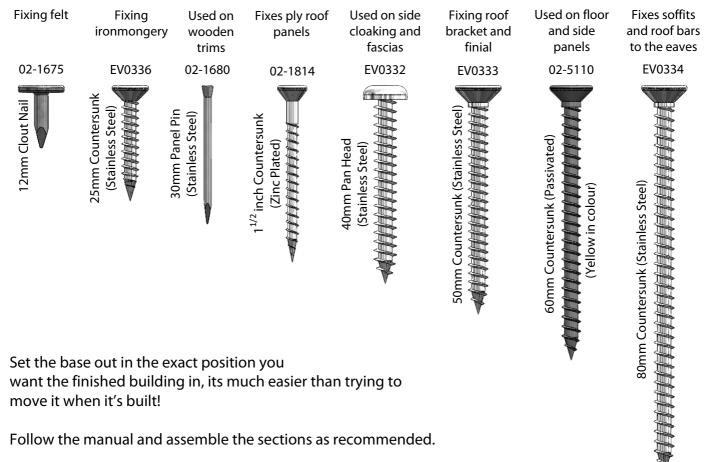
To build your new summerhouse you will need the following tools:

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



When screwing through one piece of timber into another it is always recommended to

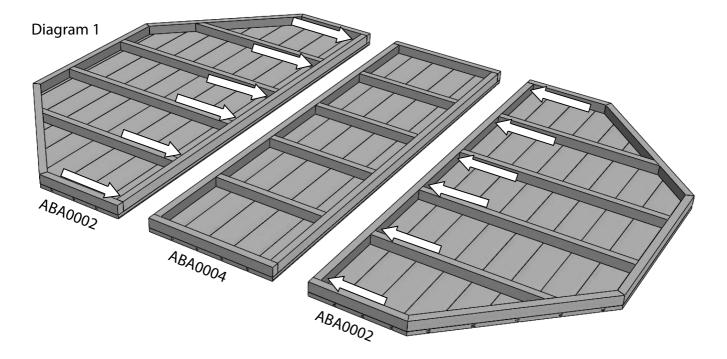
pre-drill the first piece. This will prevent the timber from splitting which could be unsightly.

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.

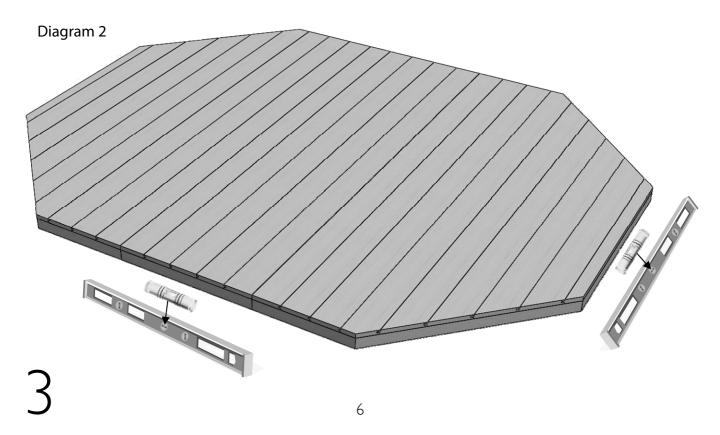
If any glass is broken during construction or afterwards you will need to carefully remove the beading on the inside of the building to replace this. You can either call our customer service team for a quote or source it locally. The glass size in the windows is 321mm x 378mm and in the door is 235mm x 378mm.

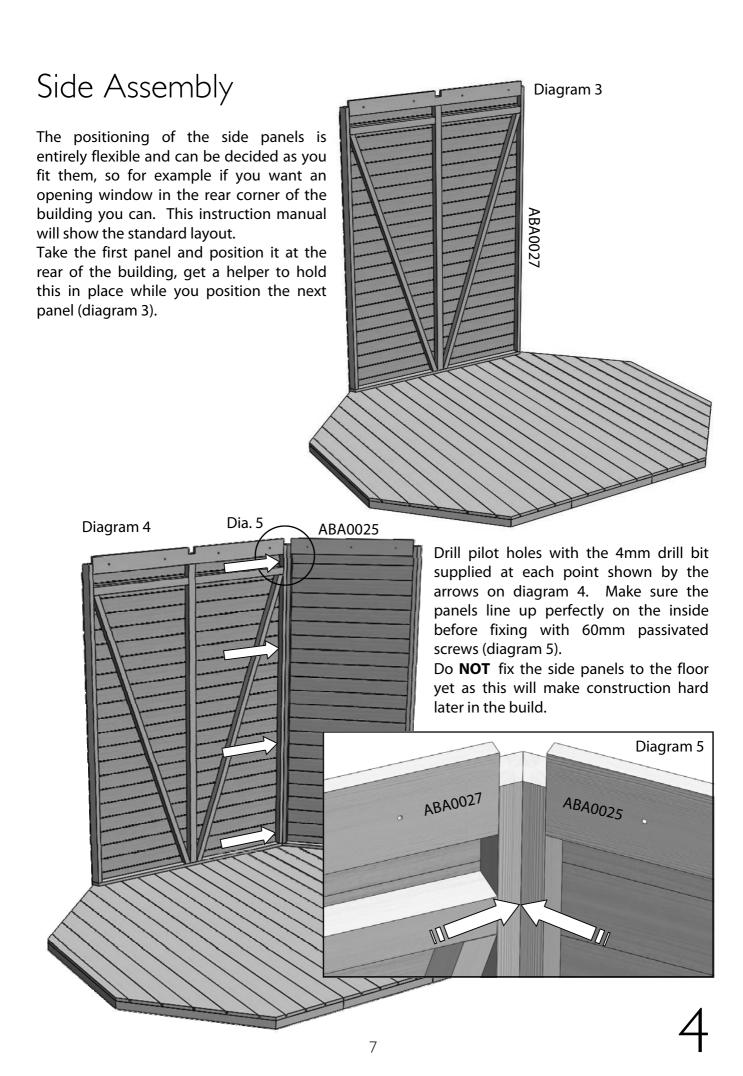
Floor Assembly

Begin by laying out the 3 floor sections face down on your prepared area. Slide them together making sure the outside edges line up. Drill pilot holes with the drill bit provided and fix with 60mm passivated screws at the points shown by the arrows in the diagram below.

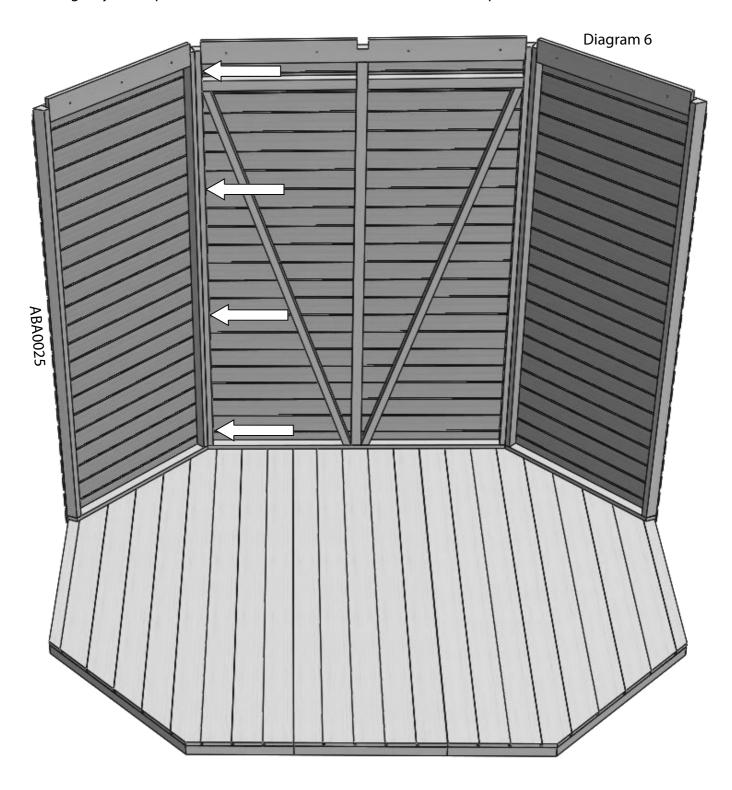


Once fixed together, with help, turn the base over and move into position. It is crucial to get the base flat and level as this will affect how your building goes together and how well your windows and doors will operate.





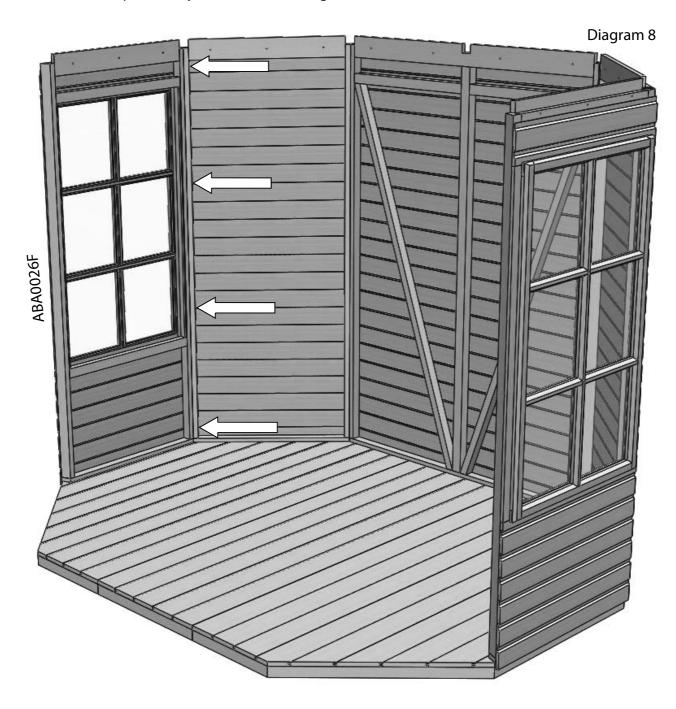
When fixing the panels bear in mind which faces will be most visible when you walk into the building. Try to keep the screw heads on the least visible faces where possible.

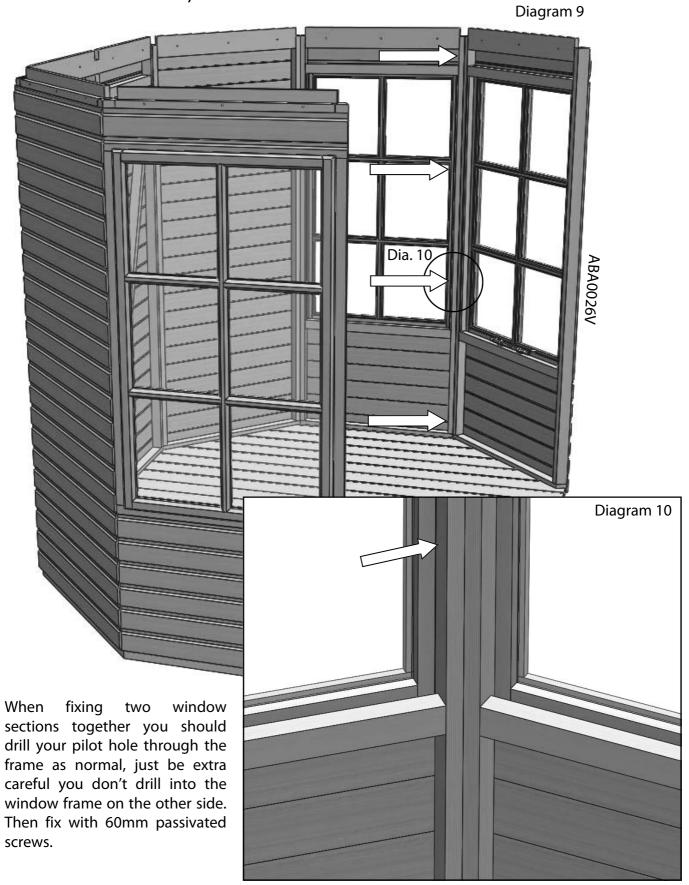


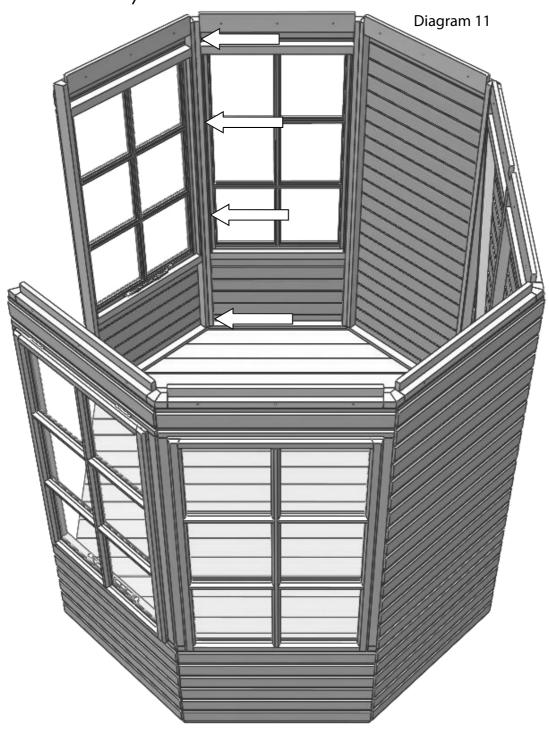
If you have followed the standard panel layout you can now fit a window section. Again it is up to you whether you chose a fixed window or opening window section. If the opening window is next to the door it does have the potential to knock into the window frame when open. If the cabin hook is used correctly this shouldn't be an issue.



Continue to fix the panels as you have been doing...

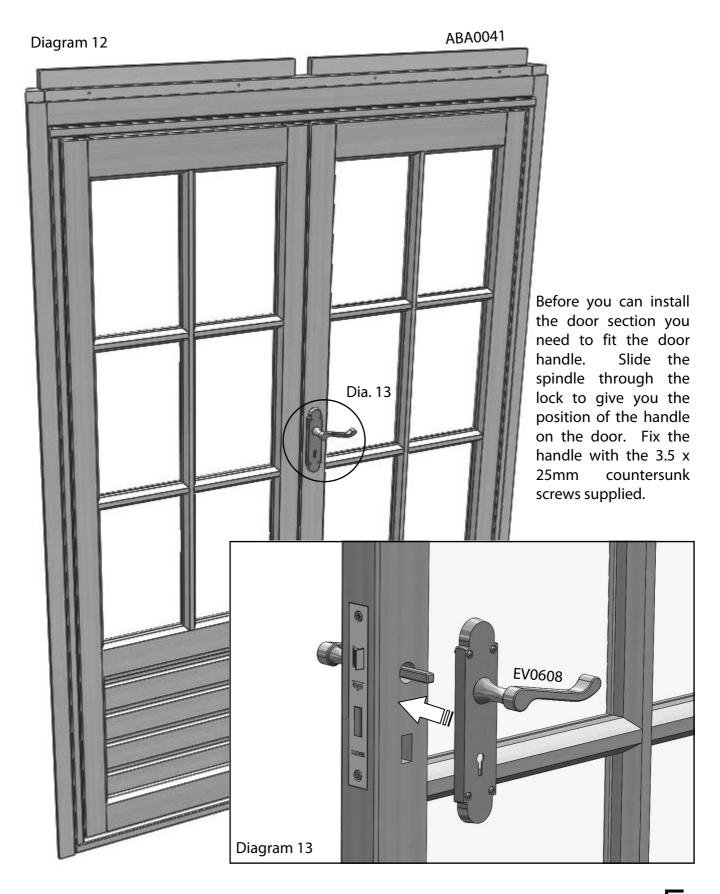






With all the side sections in place you can now install the door. Remember not to fix the sides to the floor yet.

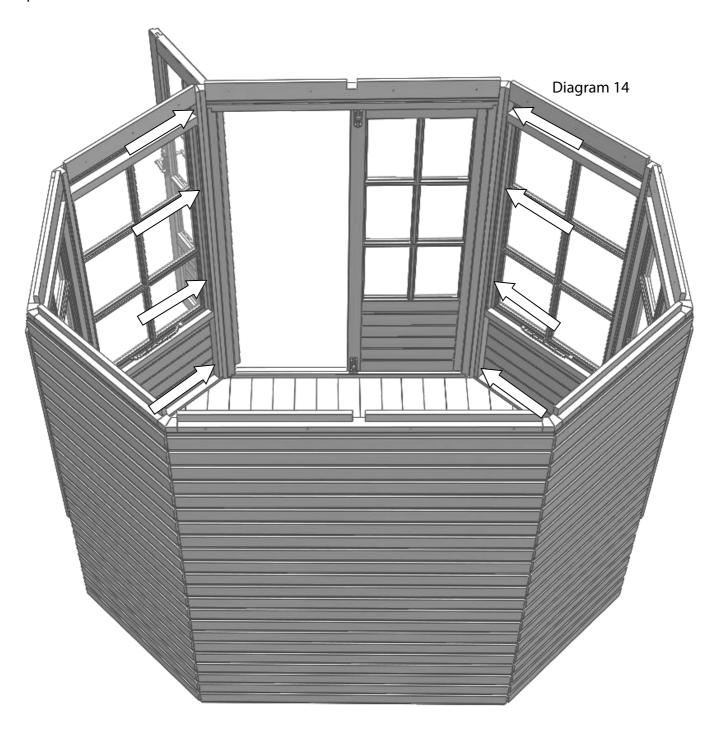
Door Installation



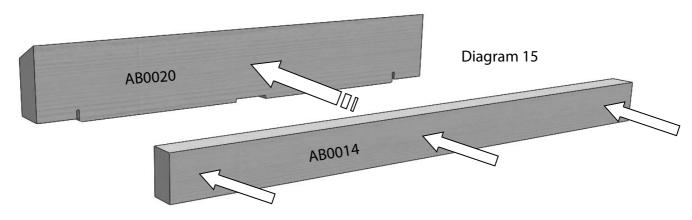
L 13

Door Installation

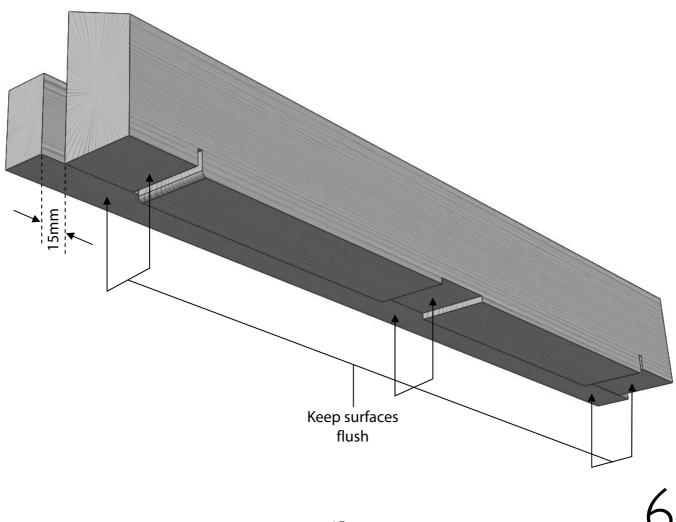
Slot the door section into position, drill pilot holes shown by the arrows below and fix with 60mm passivated screws.

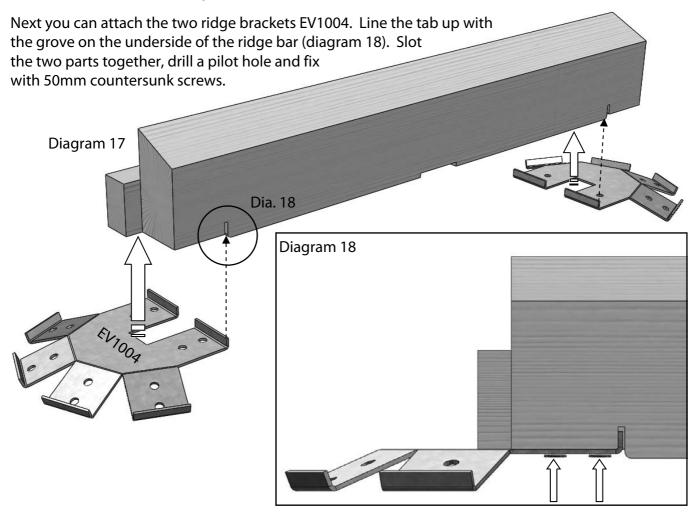


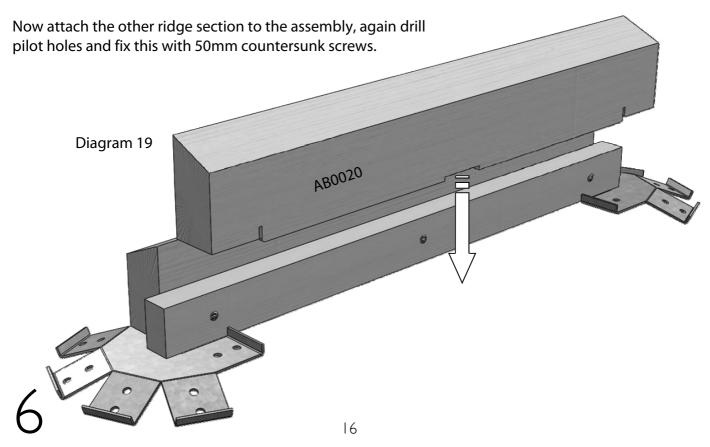
You can now start to construct the roof. First you should fix the ridge infill (AB0014) to one of the ridge sections (AB0020). Drill three pilot holes in the infill section and fix with 40mm pan head screws. The infill should be level with the notches on the underside of the ridge section and extend beyond the ends by around 15mm (diagram 16). Drive the screw in slightly so that the screw head is flush with the surface.



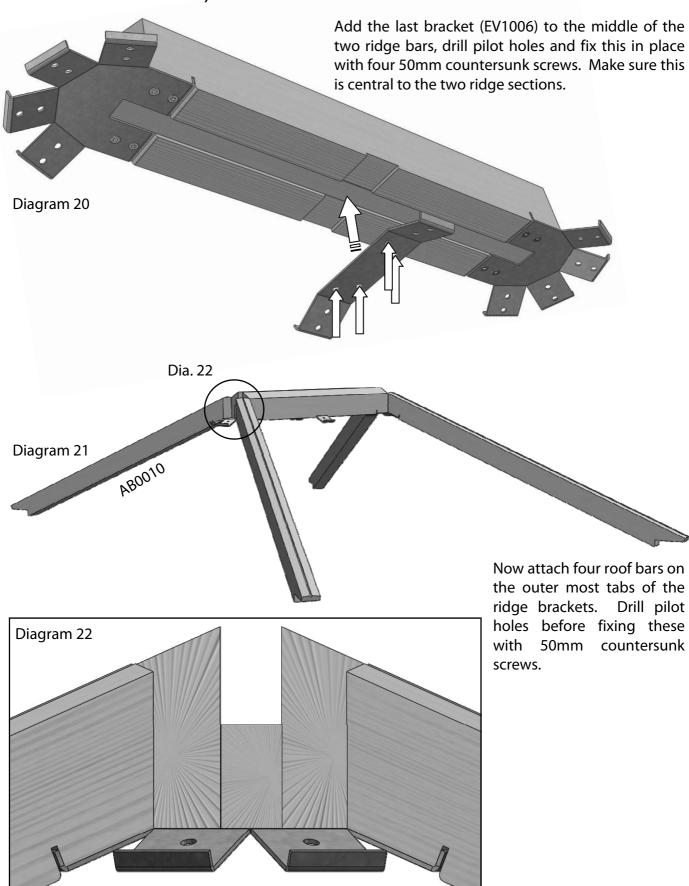








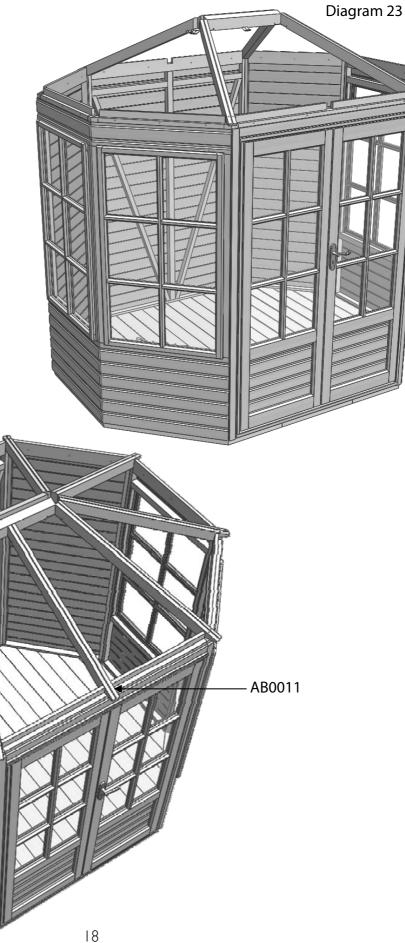




Now slot the rest of the roof bars into position. Fix them to the ridge brackets as you go.

Diagram 24

With help lift the roof assembly onto the sides. Don't fix this down until all the roof bars are in place.



With all the roof bars in place you should then drill 2 pilot holes in the bottom of each roof bar. This should go vertically down so that the screw goes into the corner bar of the side frame. The diagram below shows a good position for the hole (diagram 25). Before fixing with an 80mm screw make sure the heel of the roof bar is tight up to the side section on the inside of the building.

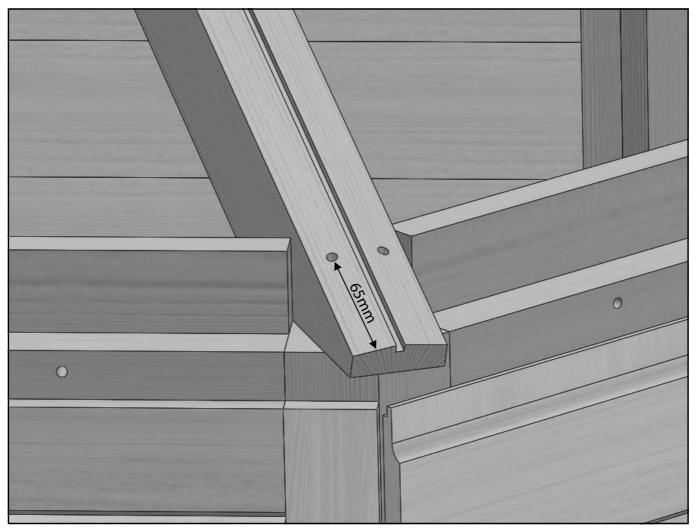
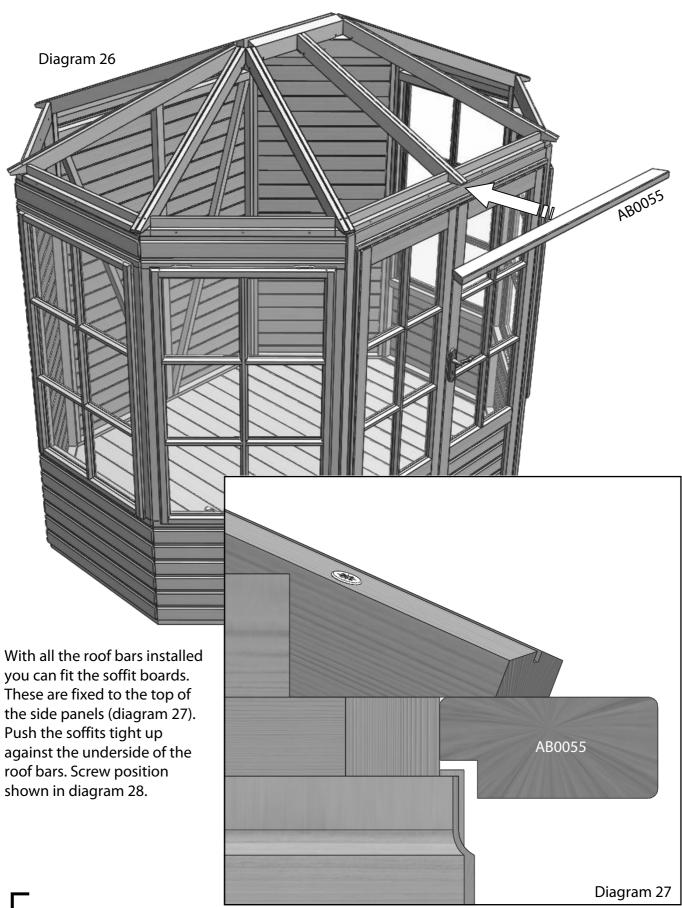
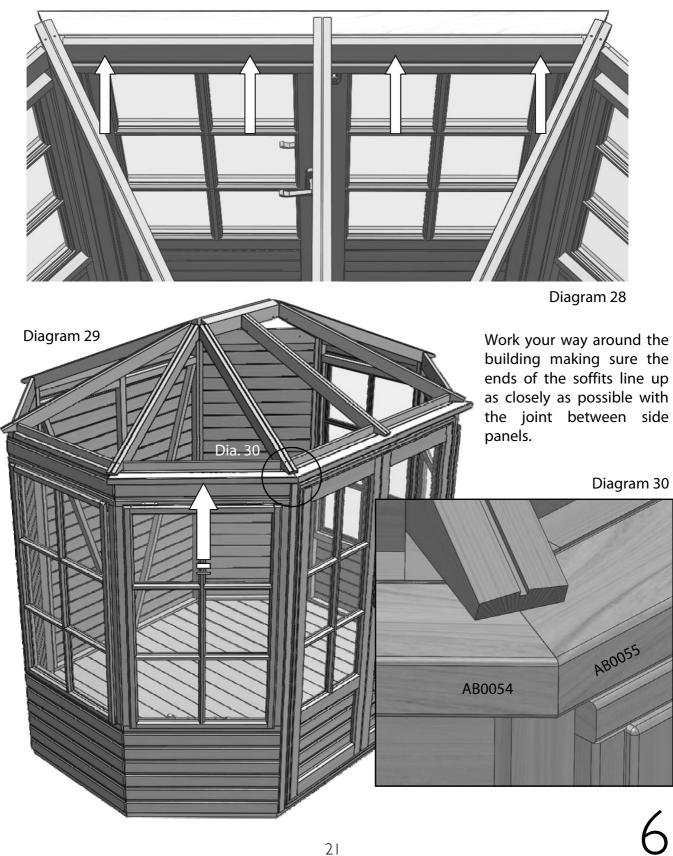


Diagram 25

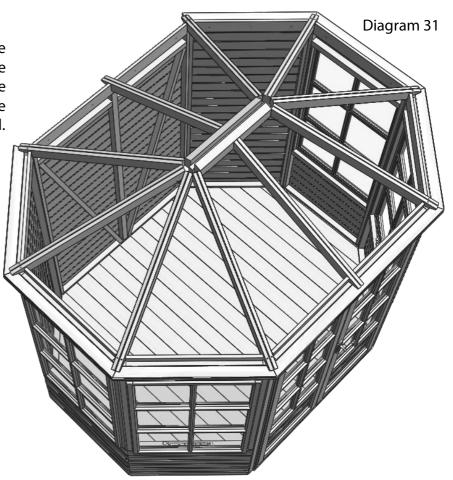
Door Installation



Have a helper hold the soffit in position while you fix it from the inside through the pre-drilled holes with 4 x 80mm countersunk stainless steel screws. Its important to keep the ends inline with the joint between side panels.



Its best to fit all the soffits to the sides leaving the last one in the least visible place possible in case you have to trim the soffit or there is a slightly larger gap than normal.



With all the roof bars fixed in place you can attach the ply roof sheets. Use 25mm countersunk screws to fix this. You should have 4 down each side with one in the middle at the bottom. Use the grove in the roof bars to help you line up the roof sheets (diagram 33).

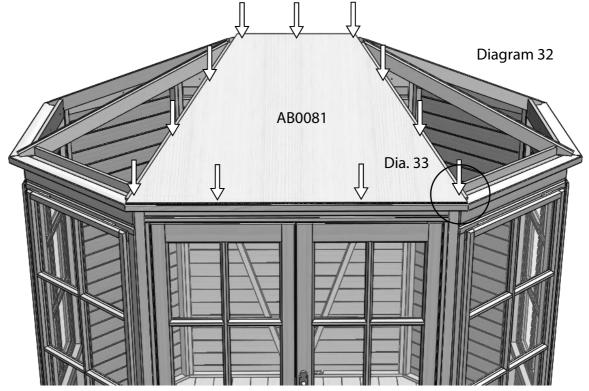
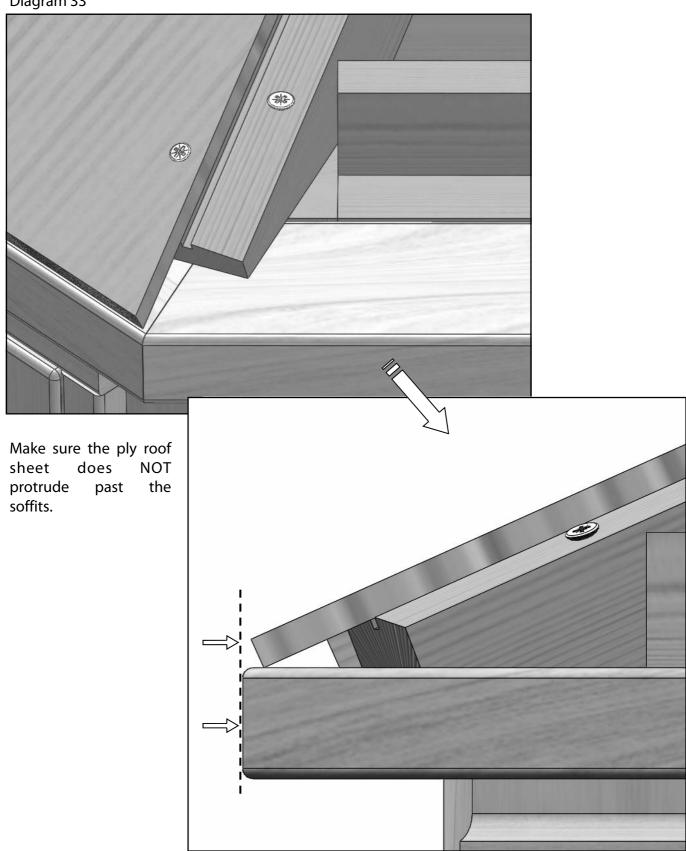
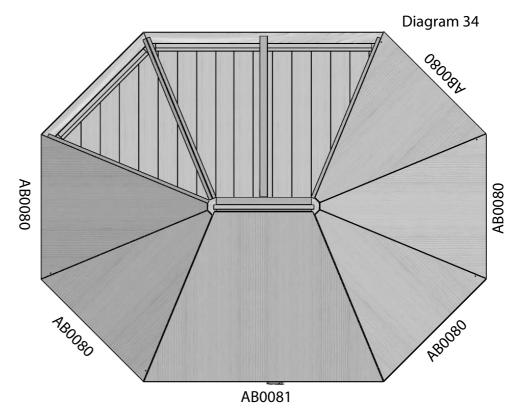


Diagram 33



Side Cloaking

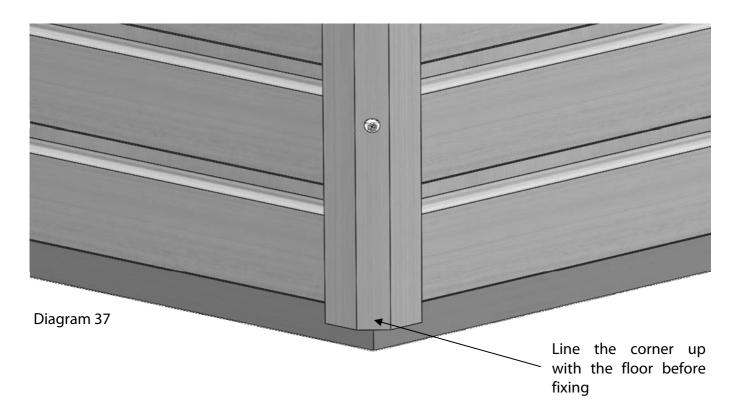
Work your way around the building fitting the roof sheets, leaving out one double section and one single as you will use these as a template for the roof felt.



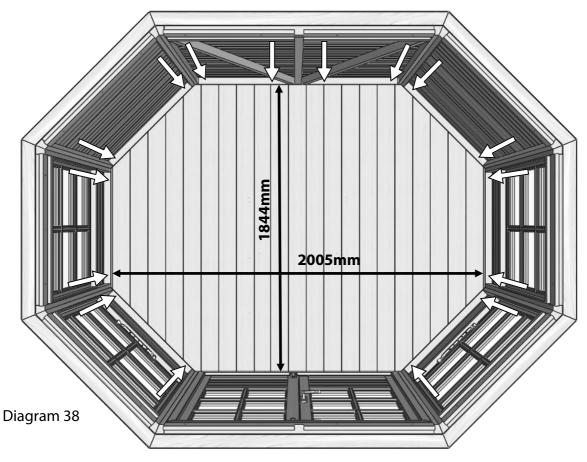
Dia. 36

Dia

Fixing to Base



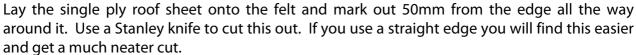
You can now fix the sides to the floor. Drill pilot holes in the cill section of the side frame and fix down with 60mm screws.

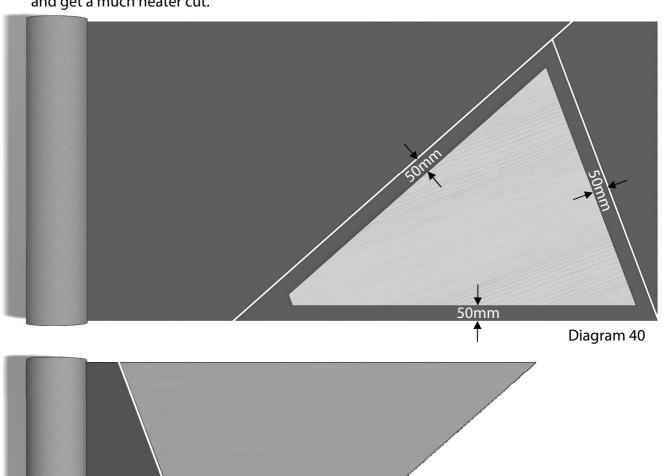


Roof Felting

Take the role of roof felt (grit side down) and roll it out somewhere flat e.g. a garage floor. Also it is a good idea to have a sheet of ply or something similar to slide under the felt to protect the floor when cutting.

Diagram 39



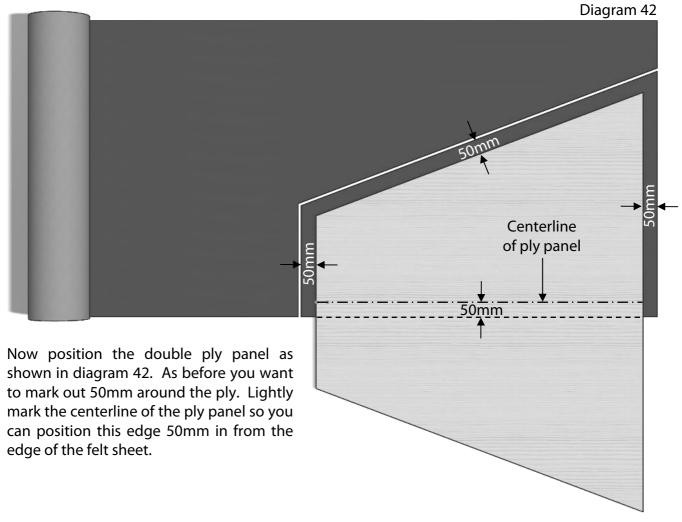


Once you have cut the first one use this as your template. Be careful when moving it so as not to damage it as you will want to use this on the roof.

Just keep rotating the sheet until you have 6 felt sheets cut ready to install. This ply panel can then be fitted to the roof.

Diagram 41

Roof Felting



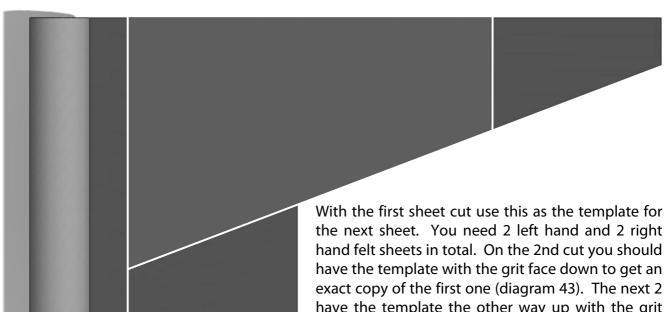


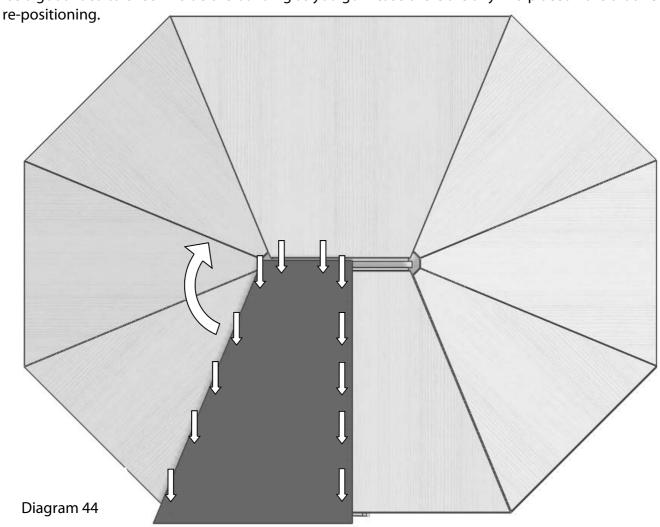
Diagram 43

have the template the other way up with the grit face facing you. Cut 2 like this and you will now have 4 sheets ready to go. You can now fix the last section of ply in place.

Roof Felting

Lay the first piece of roof felt onto the ply roof, this should have about 50mm overhang at the bottom of the roof. Using the clout nails provided fix the sheet to the roof. When nailing you should position the nail no more than 20mm from the joint in the ply sheets so the nail goes into the roof bar. The nails should also be no more than 300mm apart (diagram 44).

It's a good idea to check inside the building as you go incase there are any mis-placed nails that need



Work clockwise around the building until all the felt sheets are in place.

With all the felt in place you can begin to fix the fascias. Start with the fascia above the door. You will notice the holes are slightly off-set, in this install they should be closest to the top of the fascia.

Make sure the felt is folded down tight along the bottom of the roof, also line up the ends with the centre point the side of cloaking. The more time you take over lining these up will make a big difference to the overall finish.

You will need to trim the felt at the corners, trim the bottom layer and overlap the top layer.

Fix in place with 40mm round head stainless steel screws.

N.B. If you have the optional slatted roof go to **section 11** now.

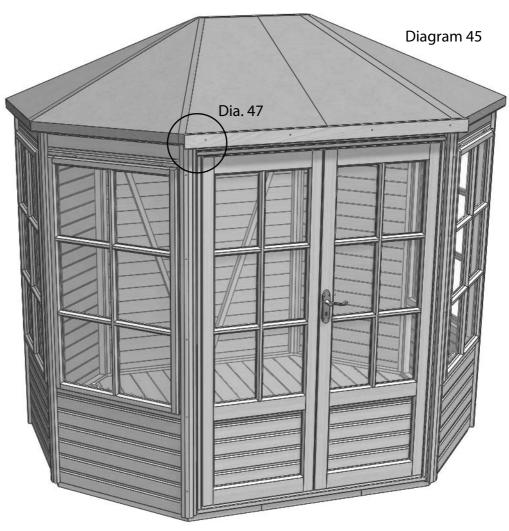
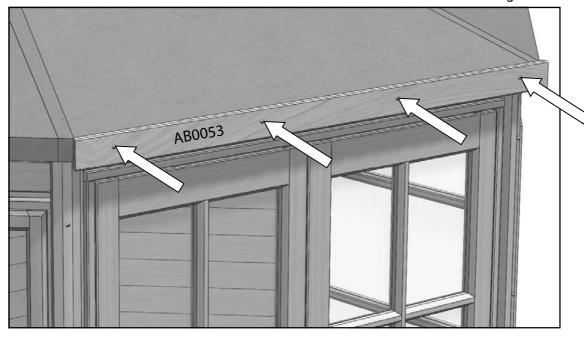
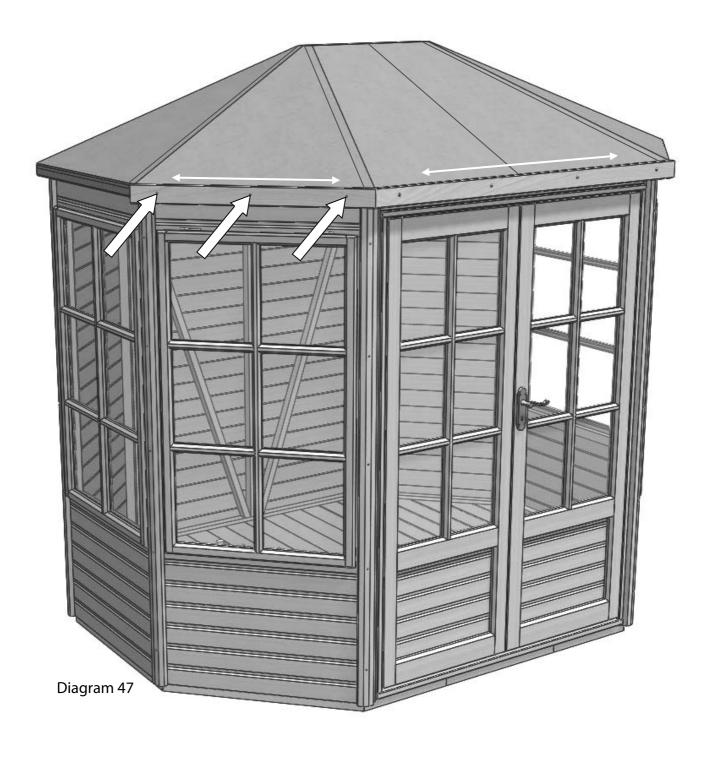


Diagram 46

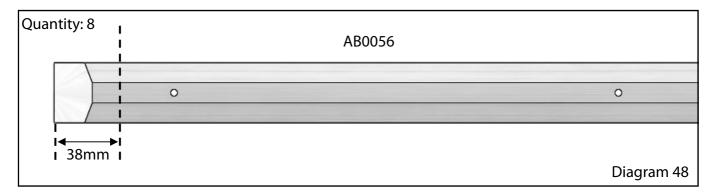


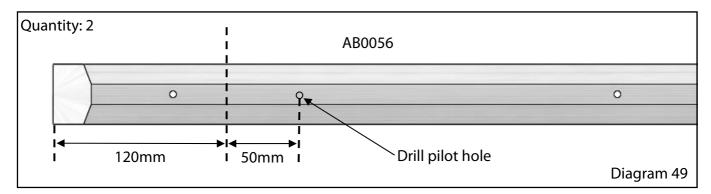
When fitting the next fascia section adjust the position until you get a neat joint between the two sections. You may find you need to adjust the first one to get them to sit right. Measure from the underside of the soffit to get the fascia in the same position as the first.

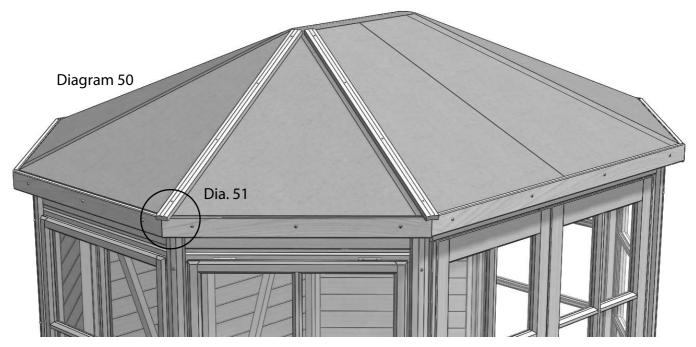
Fit each fascia to the building leaving the one that is least visible until last in case it needs trimming or there is a slightly bigger gap. All being well it should slot in nicely.



Before you can fix the roof capping in place you need to trim it to length (the full length capping is used on the optional slatted roof). Trim 10 pieces at the end with the bevel so the square end that goes at the bottom of the roof is kept tidy and pre-treated. Follow the diagrams 48 and 49 for quantities and lengths. **DO NOT CUT THESE IF YOU HAVE A SLATTED ROOF**







Now you can fit the capping working your way around the building. As you position each one, line the end up with the outer point of the joint between fascias (diagram 51). When you are happy fix in position with 50mm countersunk stainless steel screws. Only fix the bottom screw for now as you will want to fix the top screw next, when all have been spaced equally.

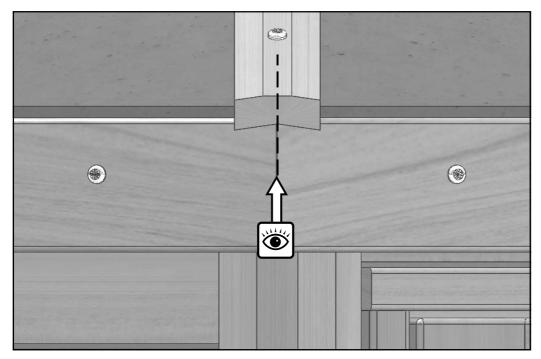
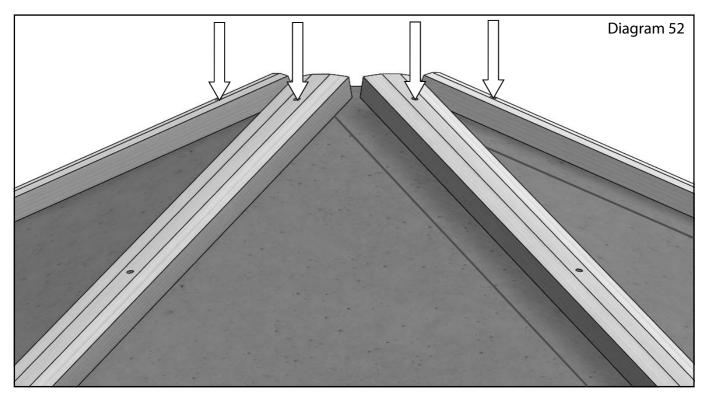
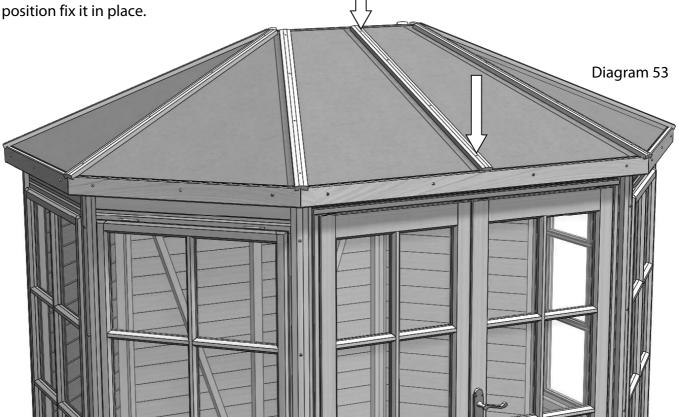


Diagram 51



Once all the corner capping pieces are in position space the tops out evenly and fix into position.

Next fit the intermediate capping strips. Find the centre of the fascia board and make a small mark on the top edge so it can't be seen from below. Use this to position the bottom of the capping, make sure the capping is running straight and fix the bottom with a 50mm countersunk screw. When you are happy the top is in the correct position fix it in place.

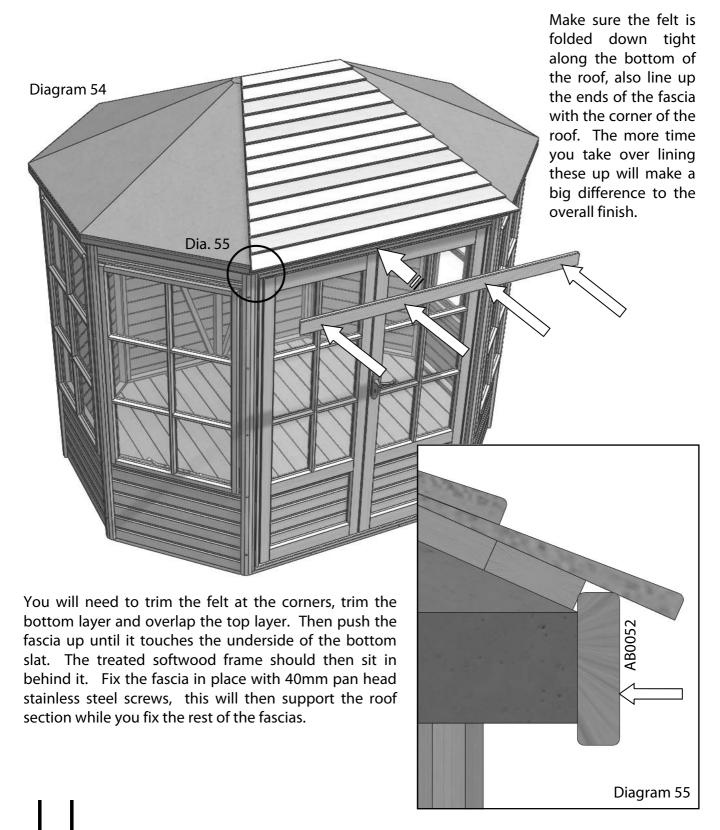


Finish fixing the capping with the final 2 screws per strip. Once fixed in place you can trim any excess felt. Be very careful not to cut through both layers of roof felt. Scoring down the side of the capping a couple of times lightly is much safer than trying to cut through in one go!

Now all the capping is fitted and the felt is trimmed you can move to **section 12.**

Slatted Roof Installation (optional)

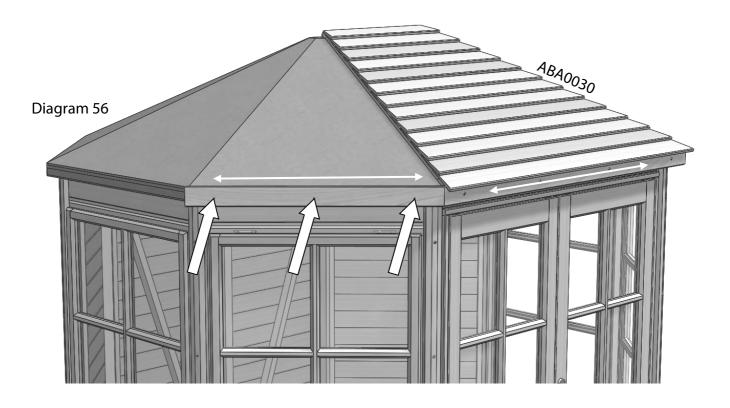
With all the felt in place you can lower the first slatted roof panel into place. Its best to start above the door and work around the building from there. Ask a helper to hold the first roof panel while you position the fascia board below. You will notice the holes are slightly off-set, these should be closest to the bottom edge of the fascia in this installation.

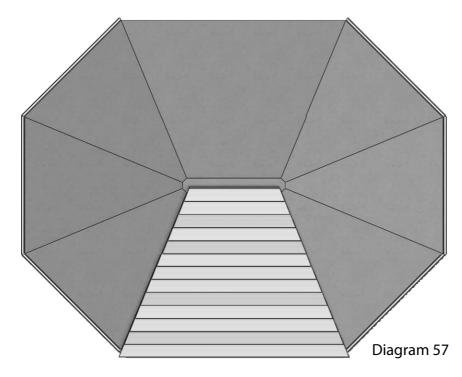


Slatted Roof Installation (optional)

When fitting the next fascia board adjust the position until you get a neat joint between the two boards. You may find you need to adjust the first one to get them to sit correctly. You will need to trim the felt at the corners, trim the bottom layer and overlap the top layer.

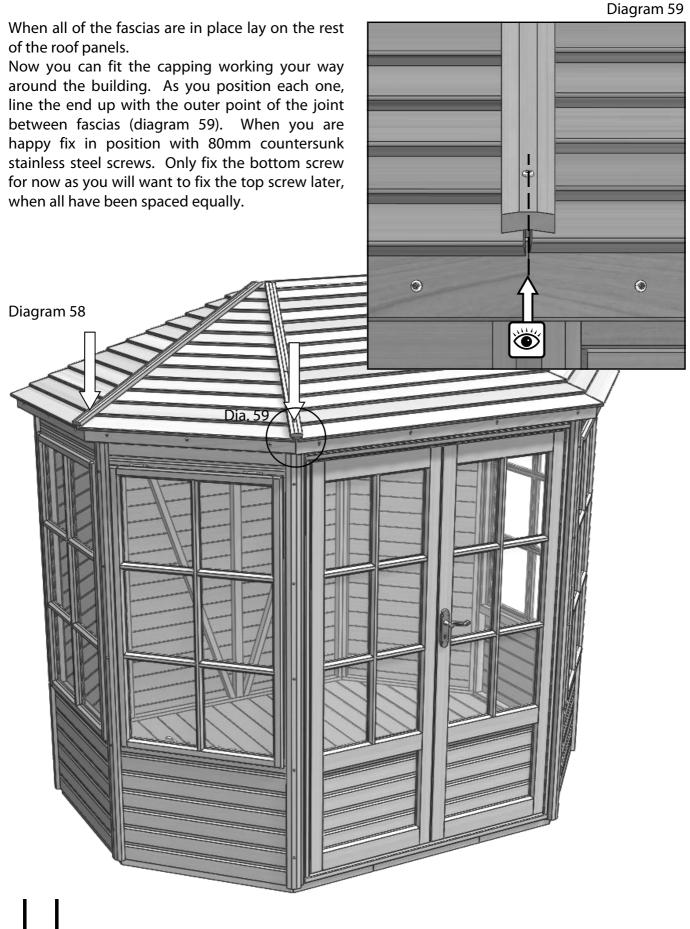
Measure from the underside of the soffit to get the rest of the fascias in the same position as the first.





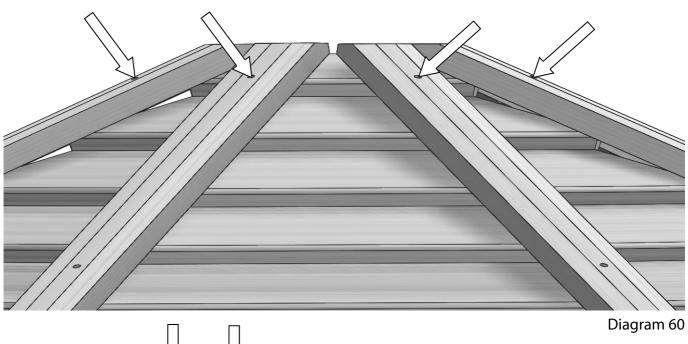
Fit each fascia to the building leaving the one that is least visible to last in case it needs trimming or there is a slightly bigger gap. All being well it should slot in nicely.

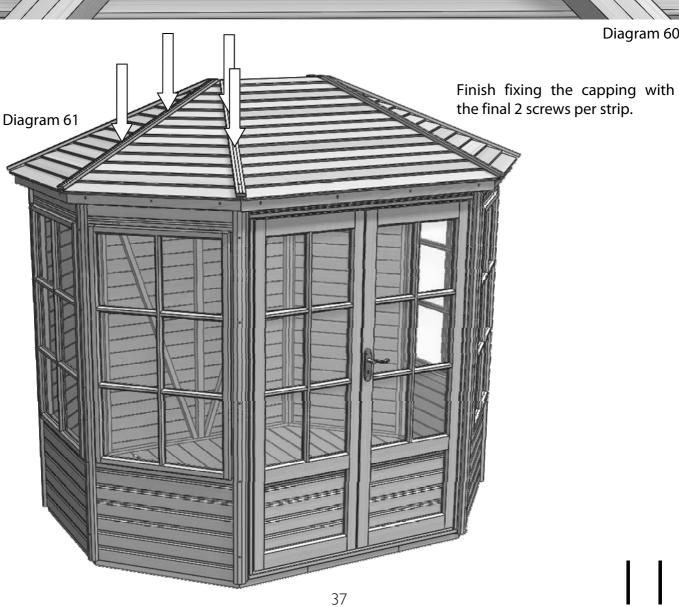
Slatted Roof Installation (optional)



Slatted Roof Installation (optional)

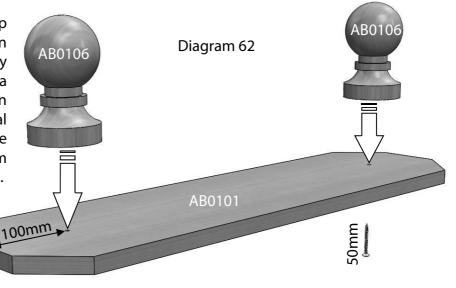
Once all the capping pieces are in position space the tops out evenly and fix into position.





Top Cap and Finial

On the underside of the top cap (AB0101) mark the centerline, then measure in from each end by 100mm and make a mark. Drill a pilot hole at these points. Then find the centre point of the finial (AB0106) and mark this. Fix the two parts together with 50mm countersunk stainless steel screws.



50mm

Diagram 63 - Felt Roof

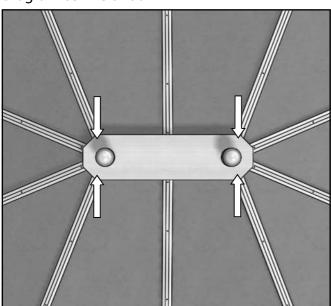
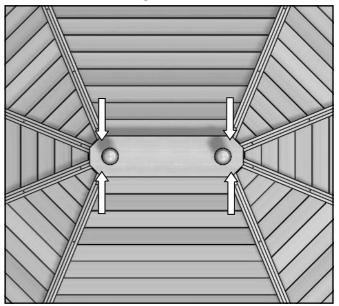


Diagram 64 - Cedar Slatted Roof



Line the corners of the top cap up with the roof capping, drill 4 pilot holes through the cap above the tops of the roof capping. Fix in place with 40mm pan head stainless steel screws (diagram 63 and 64).

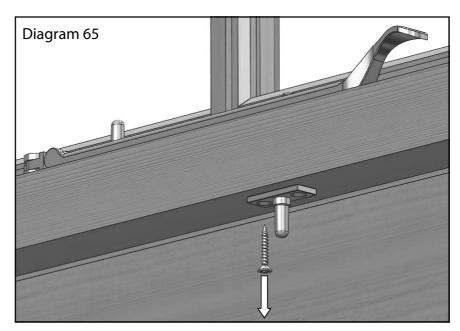
12

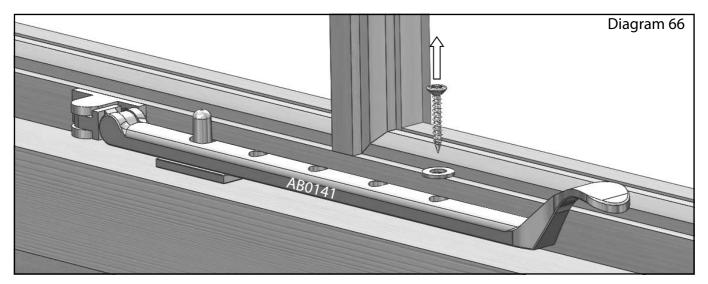
Casement Stay Setup

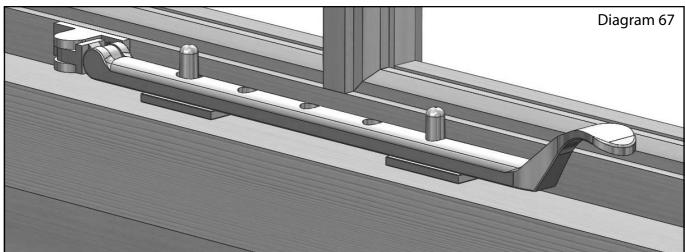
Remove the casement stay peg from below the window rail, keep the screw as you will need this to re-attach the peg (diagram 65).

Then remove the transit screw and washer from the casement stay handle, again keep this screw for the peg (diagram 66).

Next position the casement stay peg underneath the last hole on the arm, hold this in position while you lift the arm away and fix it with the two 25mm screws (diagram 67).







Cabin Hook Fitting

Firstly fit the cabin hook eye plate to the door. This should fit close to the bottom of the mid rail and 178mm in from the hinge side (diagram 68). Fix in place with two 25mm countersunk stainless steel screws.

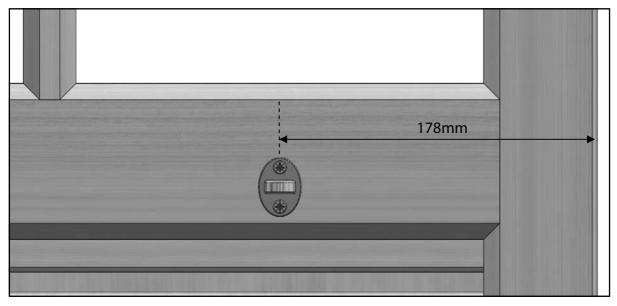
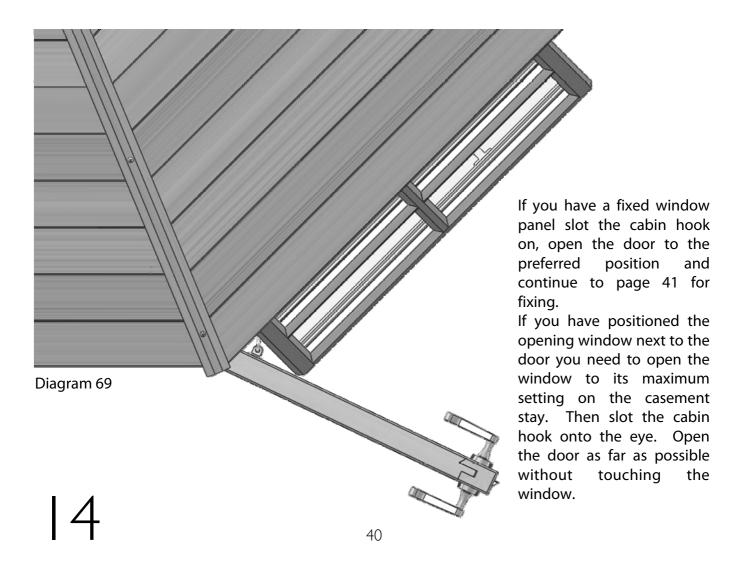


Diagram 68



Cabin Hook Fitting

With the cabin hook (AB0145) slotted onto the eye, position the back plate of the hook against the side panel. This should be fixed just below the window frame to make sure it doesn't interfere. Screw the first 25mm screw into the top hole of the back plate, and the second screw in the bottom hole should be angled up slightly to be sure to pick up the softwood frame behind.

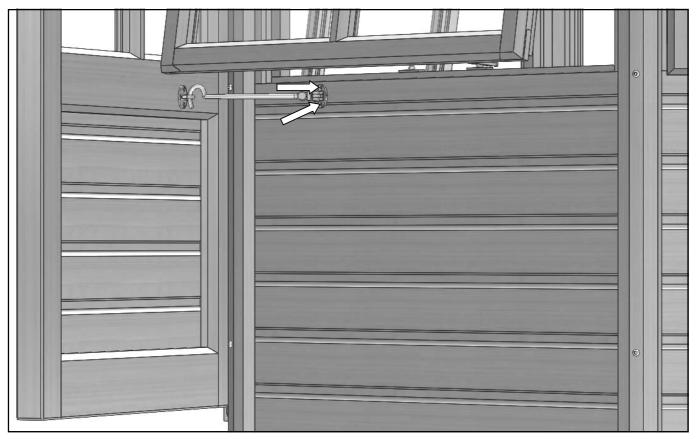


Diagram 70

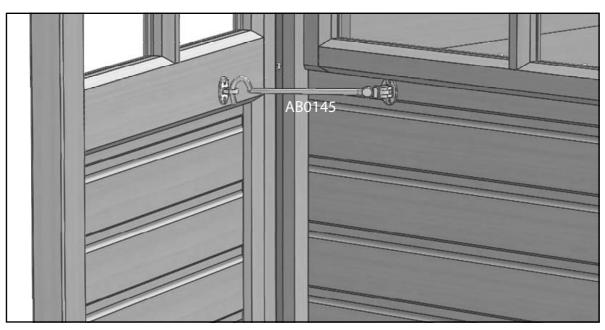


Diagram 71

Architrave fitting

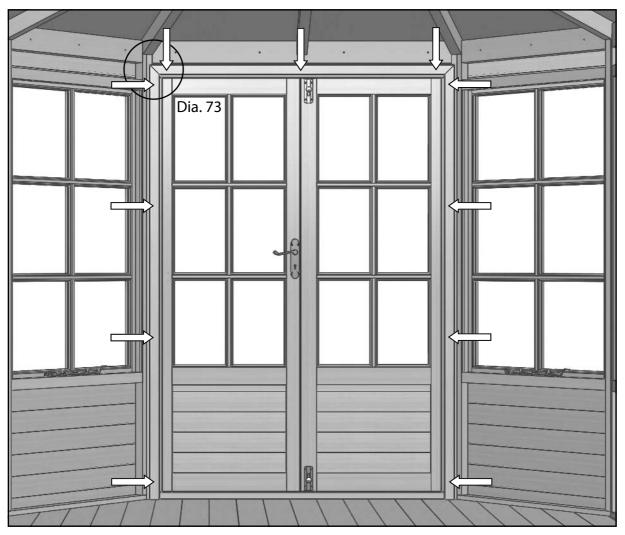


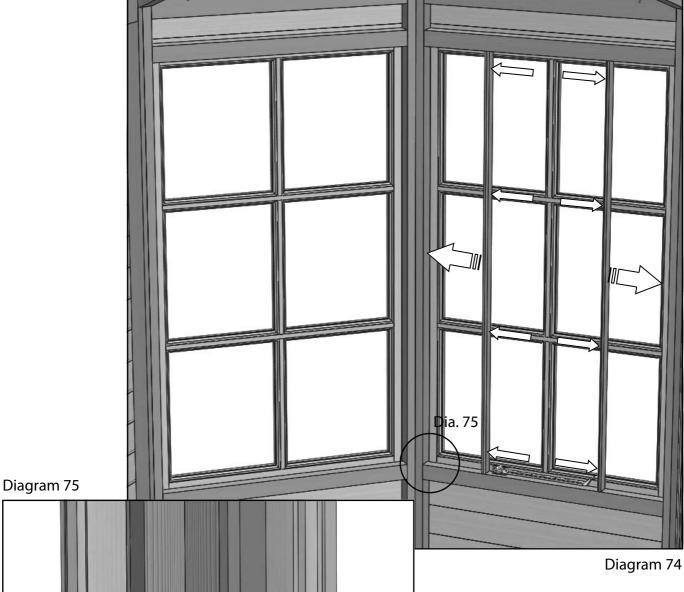
Diagram 72

Finally you need to fit the architrave on the inside of the door frame. Measure 12mm from the inside face of the door frame (diagram 74) and make a mark at the top and bottom on each side. Line the first piece up with these marks, with the end of the architrave sitting on the floor boards and fix in place with four panel pins at the points shown above. Repeat this on the opposite side, the top section should then sit neatly on top. This can then be fixed with three panel pins.



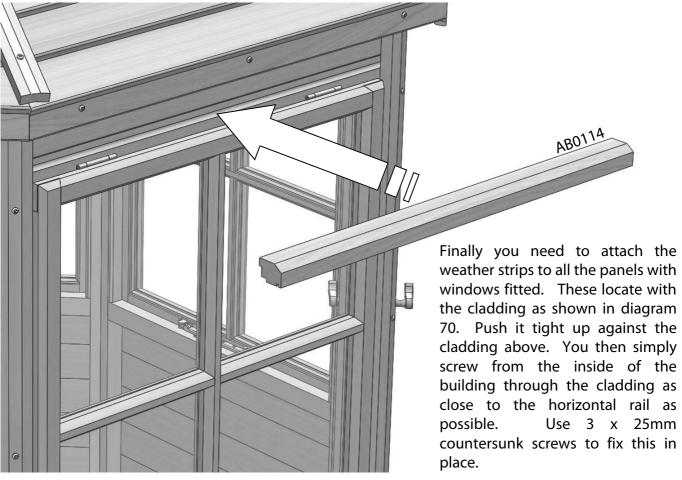
15

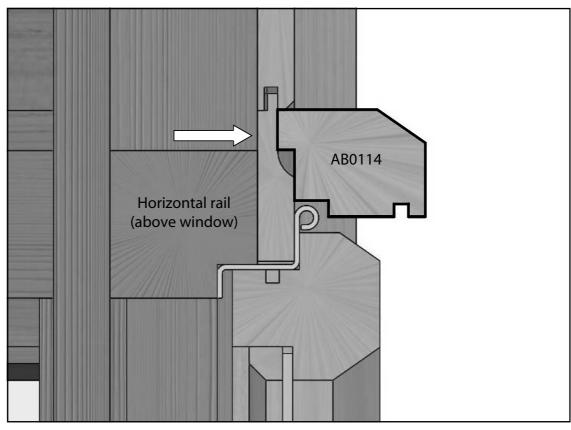
Window trim fitting



As with the architrave the window trims are fitted with four panel pins per side. (diagram 74). These need to be fitted to all window sections.

Weather Strip Fitting





44

Notes...

Parts List

BOM No.	Part No.	Part description	Quantity
ABCEDOCT66		Octagonal Summerhouse 6x6	
	ABA0002	Oct End Base Assembly 66	2
	ABA0004	Oct Base Insert Assembly 68	1
	ABA0025	SH Oct Side Panel Clad_Single_Plain	2
	ABA0026F	SH Oct Side Panel Clad_Single_Window_Fixed	2
	ABA0026V	SH Oct Side Panel Clad_Single_Window_Vent	2
	ABA0027	SH Oct Side Panel Clad_Double_Plain	1
	ABA0041	SH Door Frame Assembly_Double	1
	AB0080	Oct Roof Sheet 66 853x40x1150mm	6
	AB0081	Oct Roof Sheet 68 1413x1127x561mm	2
	AB0150	Roofing Felt Red 10m	1
	ABSHOCTBOX68	Octagonal Summerhouse 6x8 Box	1
(Optional)	ABA0030	Oct Ceder Slatted Roof Assembly_Single	6
(Optional)	ABA0031	Oct Cedar Slatted Roof Assembly_Double	2

What's in your box:

ABCEDOCTBOX66		Octagonal Summerhouse 6x6 Box	
	AB0009	Oct Framing Window Bead 1202mm	8
	AB0010	Oct Framing Roof Bar 1108.92mm	8
	AB0011	Oct Framing Roof Bar_Intermediate 68 1043.35mm	2
	AB0014	Oct Framing Ridge Bar Infill 68 587mm	1
	AB0020	Oct Framing Ridge Bar 605mm	2
	AB0052	Oct Cloaking Facia_Single 876mm	6
	AB0053	Oct Cloaking Facia_Double 1438mm	2
	AB0054	Oct Cloaking Soffet_Single 857mm	6
	AB0055	Oct Cloaking Soffet_Double 1418mm	2
	AB0056	Oct Cloaking Roof Hip 1210mm	10
	AB0057	Oct Cloaking Side 1912mm	8
	AB0091	Oct Cloaking Architrave 1856mm	2
	AB0093	Oct Cloaking Architrave_Top_Double 1301.5mm	1
	AB0101	Oct Cover Cap 68 750mm	1
	AB0106	Summerhouse Finial	2
	AB0145	Cabin Hook 8" SC 200mm	2
	EV0608	Victorian Door Handle SC	1
	EV1004	Oct Ridge Bracket	2
	EV1006	Oct Ridge Middle Bracket	1
	ABSMA010	Smalls Pack 010	1

Parts List

BOM No.	Part No.	Part description	Quantity
ABSMA010		Smalls Pack 010	
	EV0332	40mm x 4 Pan Poz A2 SS woodscrew EV0332	80
	EV0333	50mm x 5 Csk pozi woodscrew A2 SS EV0333	92
	EV0334	80mm x 5 Csk pozi woodscrew A2 SS EV0334	100
	EV0336	25mm x 3.5 Csk pozi woodscrew A2 SS EV0336	12
	EV0337	4mm HSS	1
	02-1675	Clout Nails 1/2in	125
	02-1680	Panel Pin 30 X 1.6mm S/steel	48
	02-1814	Wftscrew 1 1/2inx6g Csk Zp	124
	02-5110	5 x 60mm Countersunk Passivated	74

Window glass size: 321mm x 378mm Door glass size: 235mm x 378mm



Alton Garden Buildings, TGP Ltd, Blythe Park, Cresswell, Stoke-on-Trent, ST11 9RD

Telephone: 01782 385 409 www.Altongreenhouses.co.uk sales@altongreenhouses.co.uk