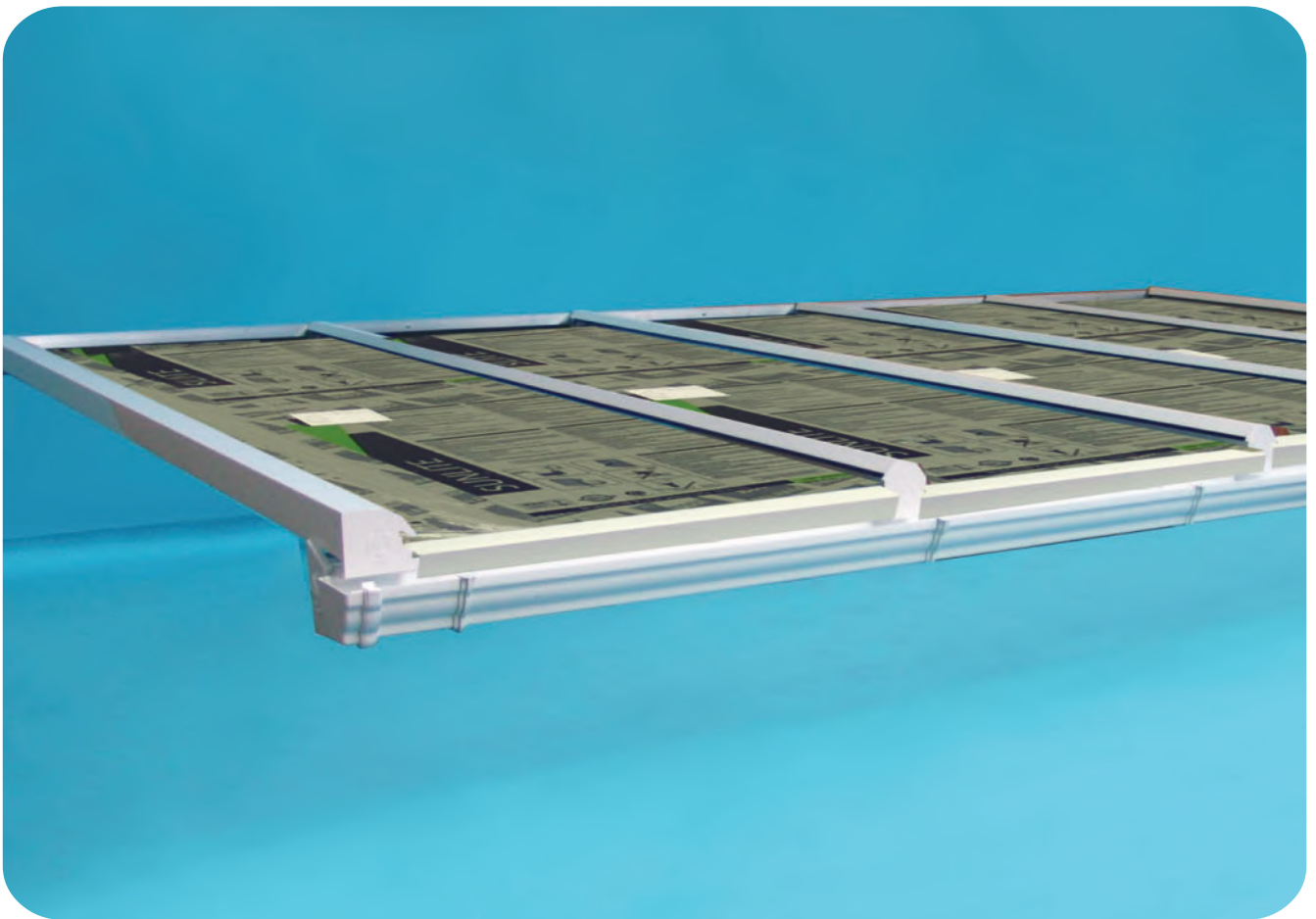
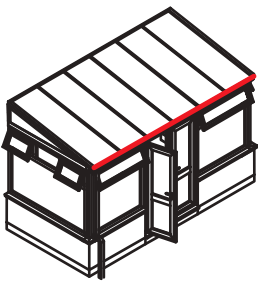




# LEAN TO ROOF ASSEMBLY INSTRUCTIONS



**SIMPLER  
BETTER  
FASTER**



## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 1. FITTING RING BEAM



Always work anti-clockwise viewed from outside the roof. Each bar should be sequentially numbered, i.e. 1, 2, 3. Select the ring beam, position the left hand side of the ring beam on to the window frames below.

Silicone seal contact area between the ring beams and the window frames below.

Once aligned, fix up through the window frames into the ring beam with the long thin self drilling screws provided.

When the ring beams are fitted to the frames, recheck the frames are plumb and level, then securely fix to the dwarf wall / base using the frame fixers provided.

### DETAILS



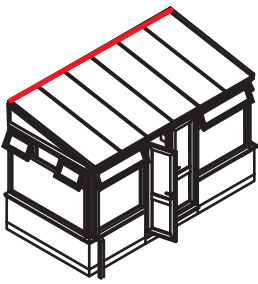
Remove protective film from all components prior to fitting.



Ensure that window frames are level and plumb



Use long screws when joining ring beam to frames.



## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 2. WALL PLATE



Support the wall plate with a suitable prop, ensuring that the wall plate is level.

The height of the wall plate will be given to you by your supplier. Fix the wall plate to the parent wall using suitable fixings spaced at approximately 600mm centres.

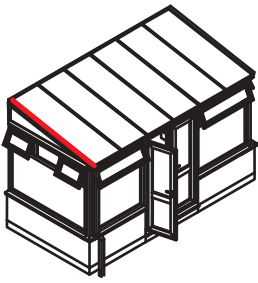
### DETAILS



Make sure that the ring beams are square by measuring the diagonals.



Ensure that the wall plate is set level and plumb



## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 3. WALL BARS



Select the wall bars then using the locating pins position bars into ring beams and align tops with pre drilled holes to wall plate.

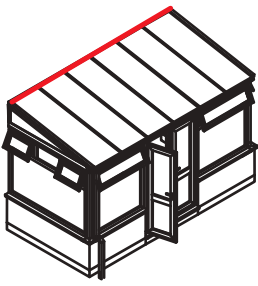
Now fix wall bars at top and bottom using the short wide screws provided.

### DETAILS



Use the short wide screws  
to fix wall bars.





## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 4. TRANSOMS



Now work left to right as viewed from outside. Fit the transoms by locating the pins into the ring beams, then align the holes at the top with those pre-drilled into the wall plate. Now fix at top and bottom using the short wide self tapping screws provided.

Repeat the process until all the transoms are in position. The flashing can be done before the roof is glazed. The lead flashing can be cut and dressed down over the wall plate.

Seal any flashing with a lead sheet sealant.

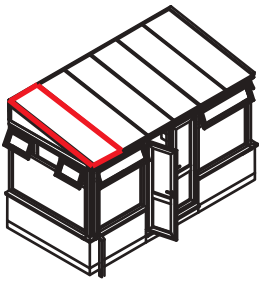
### DETAILS



Use code 4 lead and lead sheet sealant on joints from wall to roof.



Use the short wide screws to fix transoms.



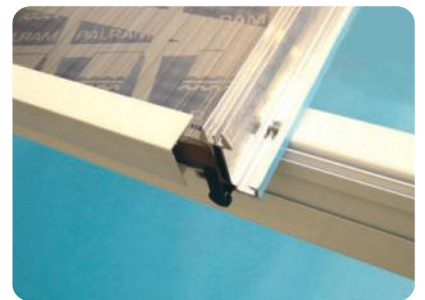
## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 5. GLAZING TRANSOMS



### DETAILS



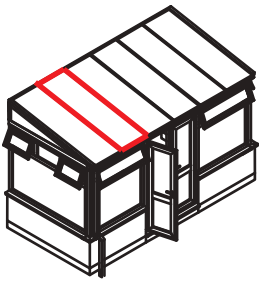
Check that the aluminium foil to the top and sides of each panel are undamaged. Now working anti clockwise, viewed from outside select roof sheet 1, peel back the protective film on each side of the panel so that the roof can be glazed.

Ensure that you read the instructions on the glazing panels prior to commencing glazing, as all glazing panels have an inside and outside face.

Slide the polycarbonate end closure on to the bottom edge of the glazing sheet with the tail pointing downwards.

The end closure also holds the glazing in position.

Push the sheets into the wall plate pocket at the top until the leg of the end closure can be clipped into the channel on the ring beam.



## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 6. GLAZING TRANSOMS



### DETAILS



To make glazing the roof easier, the glazing beads are 2 separate glazing beads. This means that one panel can be glazed at a time.

Take glazing bead 1 and press it into place at the top of the transom ensuring that the legs clip in correctly.

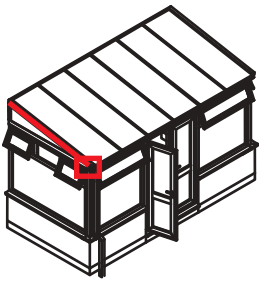
Gently work down the length of the transom in short movements tapping the Bead into position.

(A soft-faced mallet should be used for this operation)

Continue fitting the remainder of the panels of the roof.



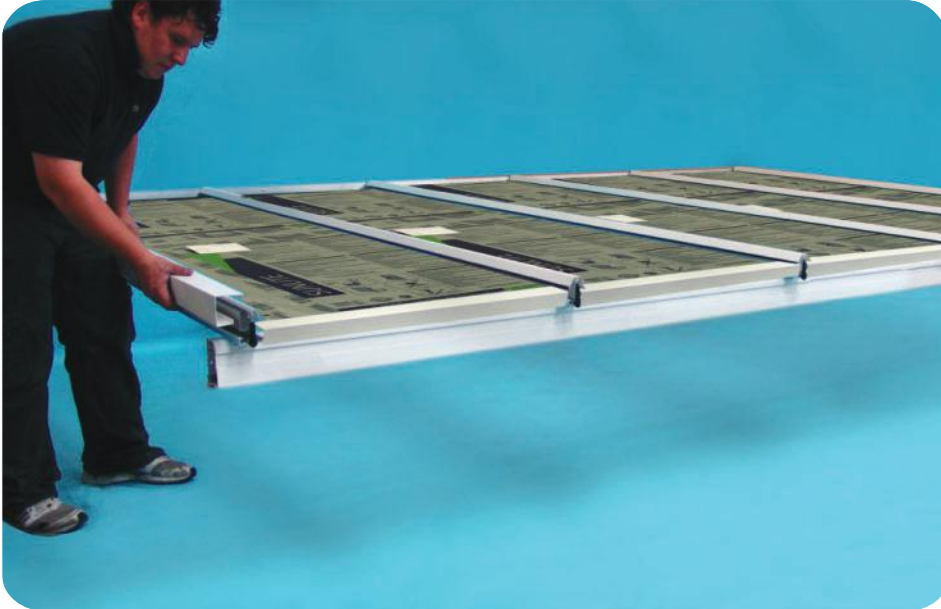
Use a soft faced mallet  
when beading the roof.



## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



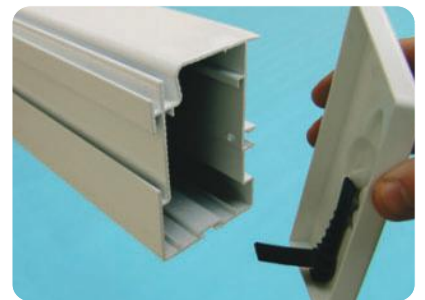
### 7. FIRRING COVER AND RING BEAM END CAPS



The end transoms can now be trimmed by clipping on the furring cover. Position the furring cover at the top of the transom ensuring that the legs clip in correctly. Gently work down the length of the transom in short movements tapping the bead into position. (A soft faced mallet should be used for this operation.)

The ring beam end caps have a bracket pre-fitted to them, simply push the ring beam end caps into the slot on the ring beam.

### DETAILS

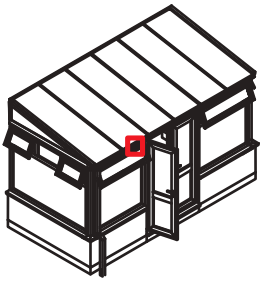


Use low modulus silicone around any joints on the roof.



Use a soft faced mallet when beading the roof.





## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 8. GUTTER BRACKETS



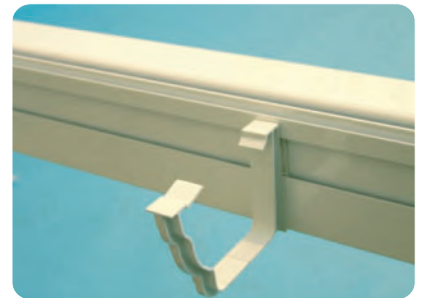
If not pre-fitted please ensure the external ring beam fascia is fitted to the mill finish ring beams.

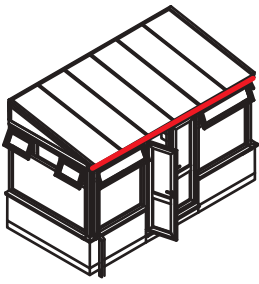
The gutter brackets should now be fitted at approximately 750mm spacings.

The brackets are fixed into position by rotating through 90 degrees until upright.

On a painted or mill finish ring beam either top hung or bottom hung gutter brackets can be used. Which ever is used, they are fixed to the ring beams using the same method.

### DETAILS





## LEAN TO ROOF ASSEMBLY INSTRUCTIONS

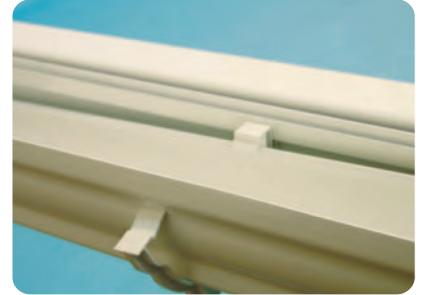


### 9. GUTTERING

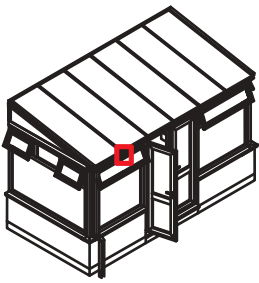


Clip the gutter and outlet into the gutter brackets by placing the front edge of the gutter into the bracket and rolling the back edge of the gutter into the gutter bracket until it passes the clip.

### DETAILS



When clipping gutter corners, unions or end caps; firstly unclip then squeeze guttering into joint until fully seated on the gasket. Then reclip into place.



## LEAN TO ROOF ASSEMBLY INSTRUCTIONS



### 10. END CAPS

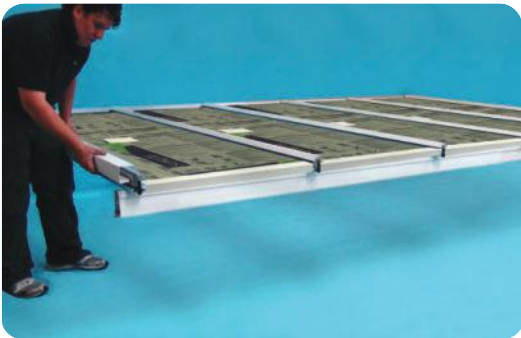
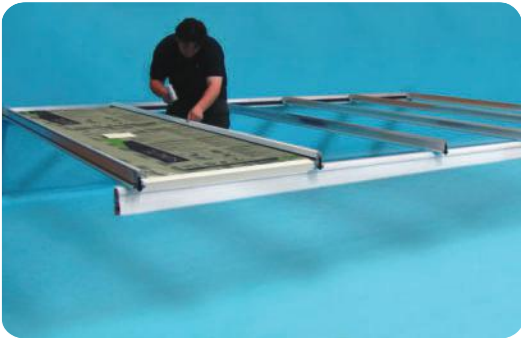
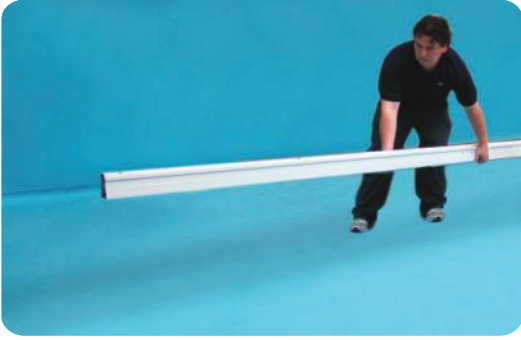


If not pre-fitted, push the black plastic brackets into the ends of all transoms.  
Now the end caps can be clipped onto the small black brackets. These are push fit caps and the use of a hammer is not recommended.

### DETAILS







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