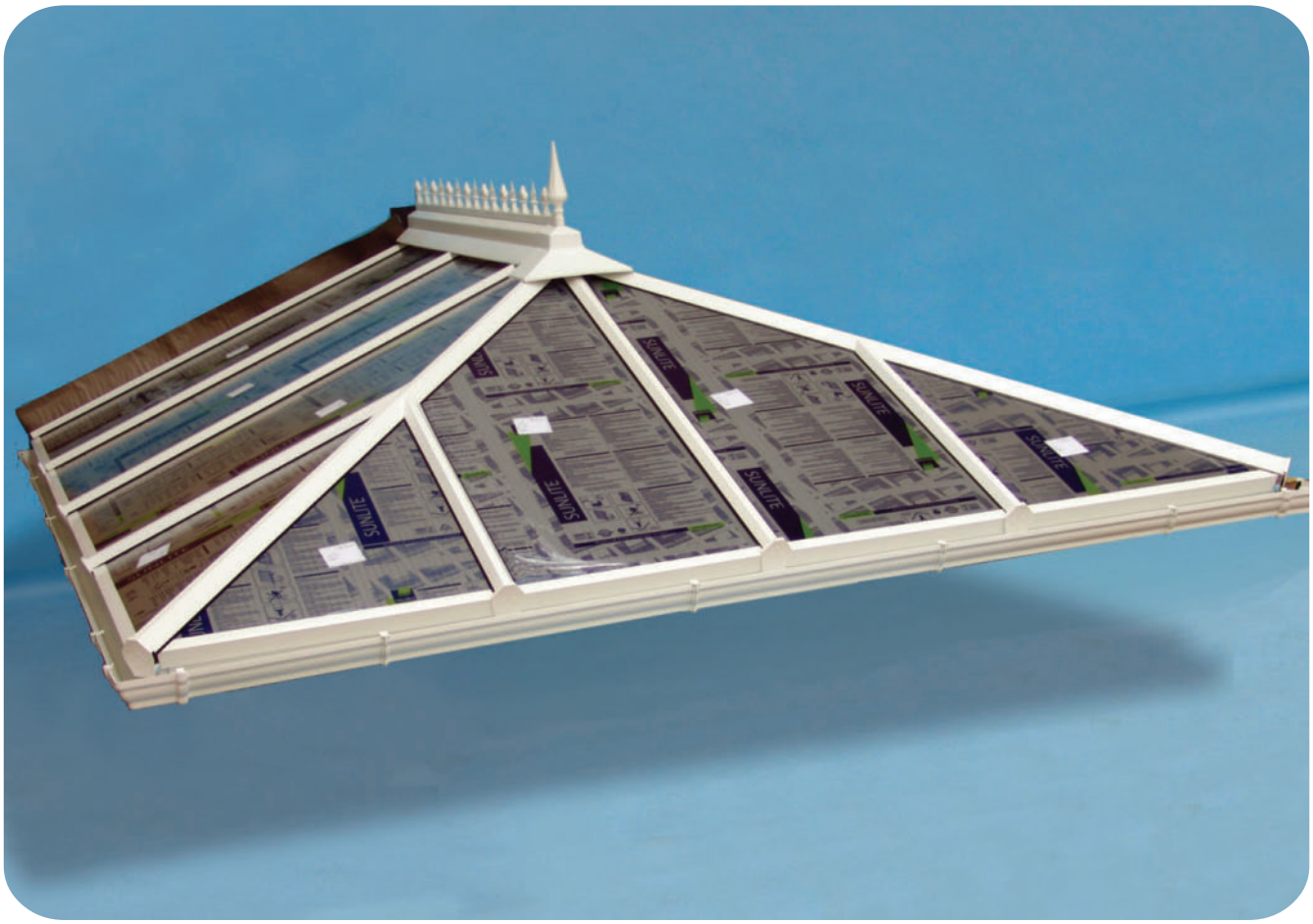
AZTEC

EDWARDIAN ROOF ASSEMBLY INSTRUCTIONS



SIMPLER
BETTER
FASTER

EDWARDIAN ROOF ASSEMBLY INSTRUCTIONS

1. FITTING RING BEAMS

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.

DETAILS

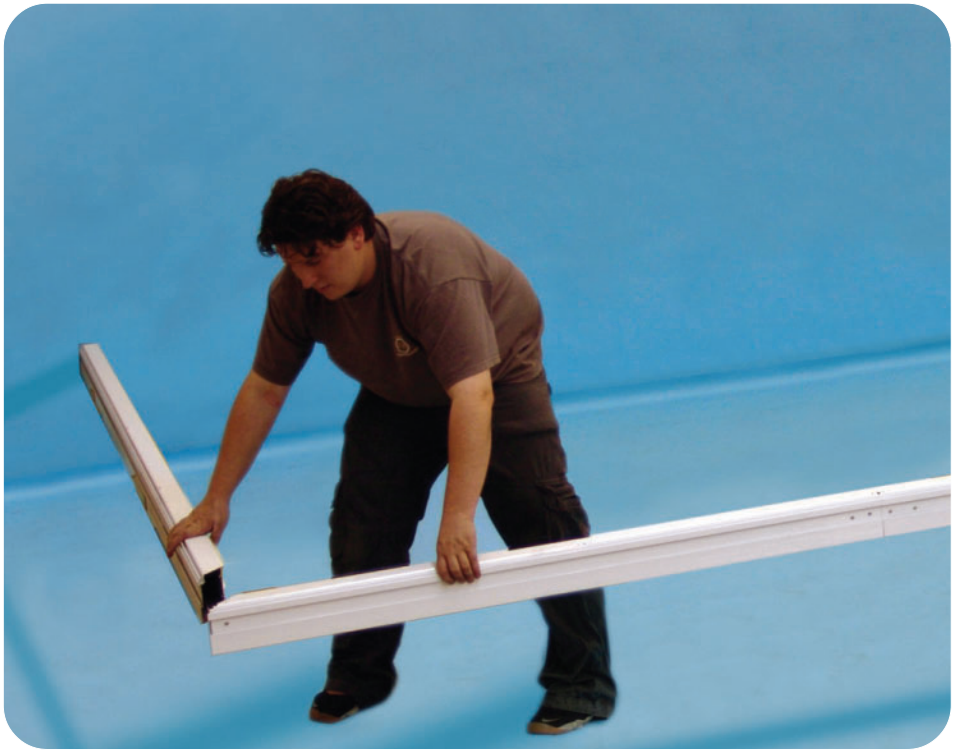
Remove protective film from all components prior to fitting.

Ensure that window frames are level and plumb

Use long screws when joining ring beam to frames.

EDWARDIAN ROOF ASSEMBLY INSTRUCTIONS

2. JOINING RING BEAMS

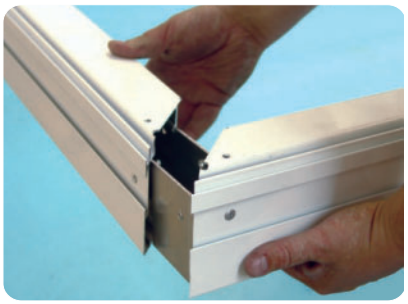


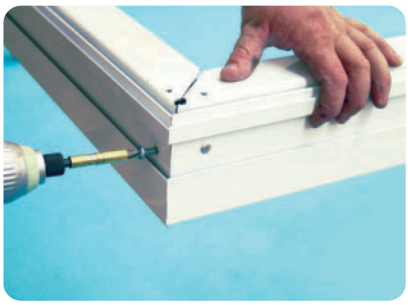
Fix the angled corner jointing plates to BOTH inside and outside corners of the ring beam using short wide self-drilling screws provided.

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

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

DETAILS

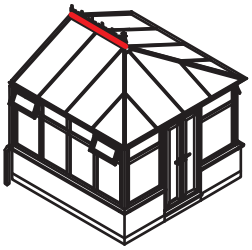




Use short wide screws to join ring beams.

Ensure that ring beams are level and plumb

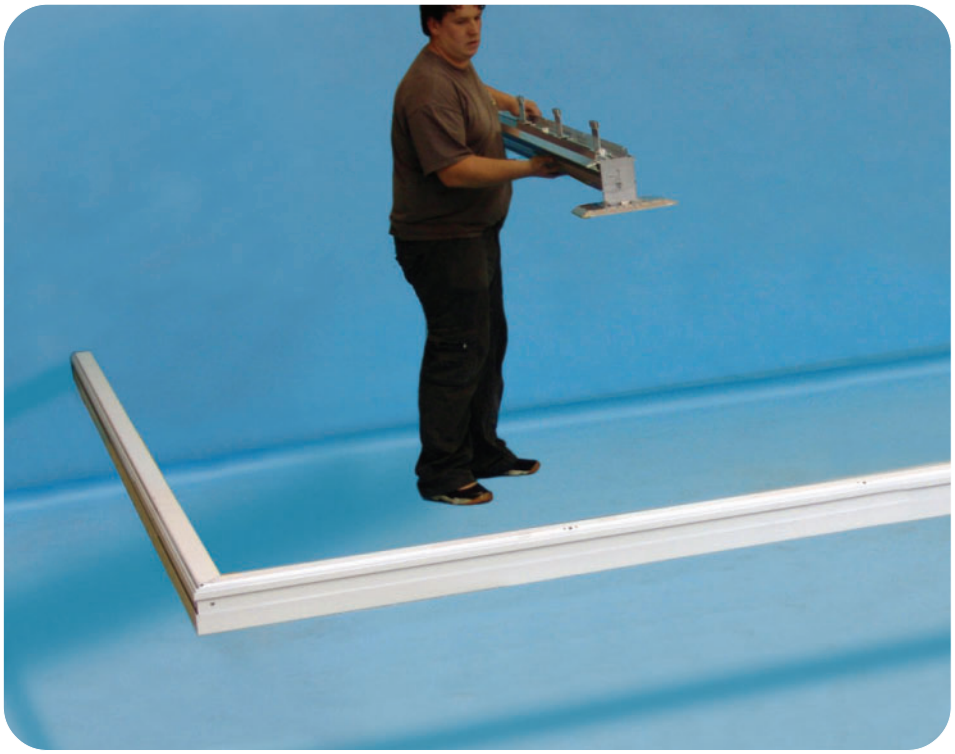
Use long screws when joining ring beam to frames.



EDWARDIAN ROOF ASSEMBLY INSTRUCTIONS

3. RIDGE

DETAILS

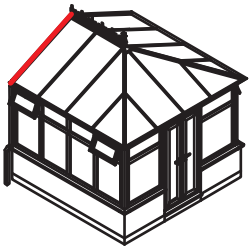


Support the ridge with a suitable prop, ensuring that the ridge is level.

The height of the ridge will be determined by the transoms when they are fixed to both ridge and ring beam.

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

Ensure that ridge is set level and plumb



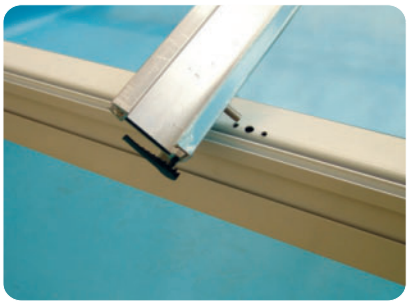
EDWARDIAN ROOF ASSEMBLY INSTRUCTIONS

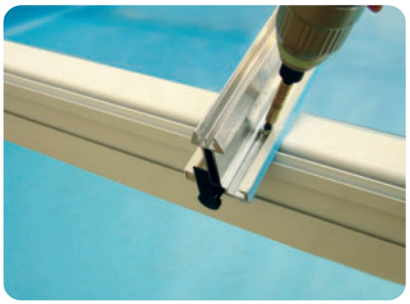
4. WALL BARS

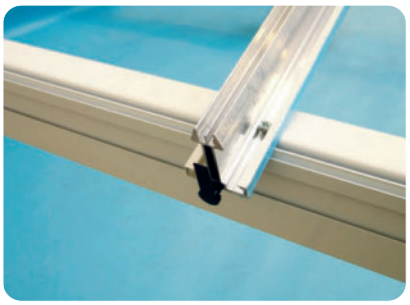
Select the wall bars then using the locating pins position bars into ring beams and align tops with pre drilled holes to ridge.

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

DETAILS





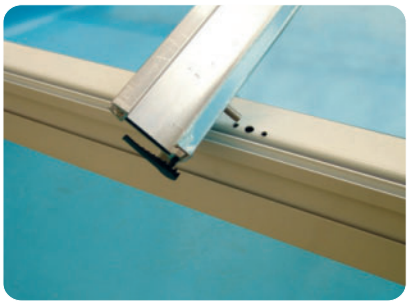


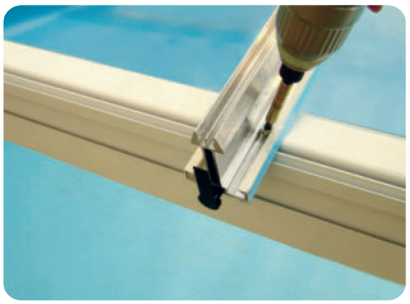
Use the short wide screws to fix wall bars.

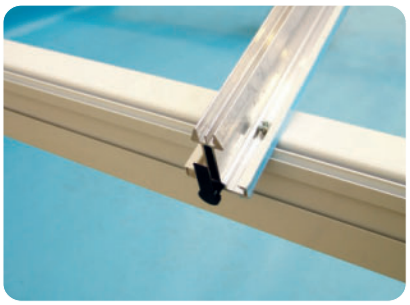
5. SIDE TRANSOMS

Now working from left to right as viewed from outside, fit the side transoms, by locating the pins into the ring beams, then aligning the holes at the top with those pre-drilled on the ridge. Now fix at top and bottom using the short wide self tapping screws provided.
Repeat the process until all the transoms along each side of the roof are in position.

DETAILS







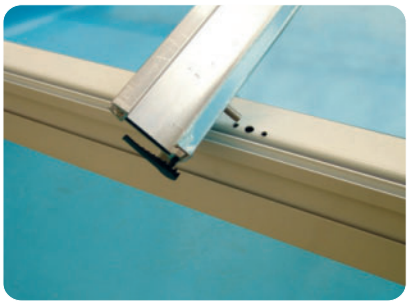
Use the short wide screws to fix transoms.

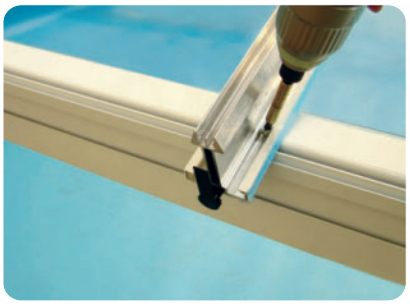
6. CENTRE TRANSOM (IF PRESENT)

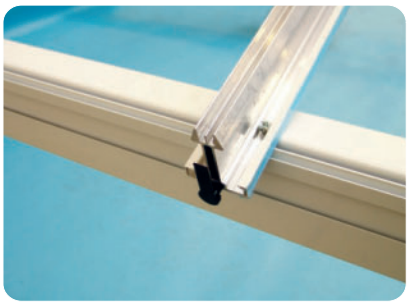
Fix the centre transom to the front of the boss in the same manner as the side rafters.

Now check again that the ridge is level.

DETAILS







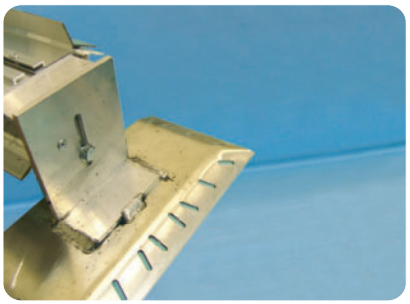
Ensure that the ridge is level and plumb

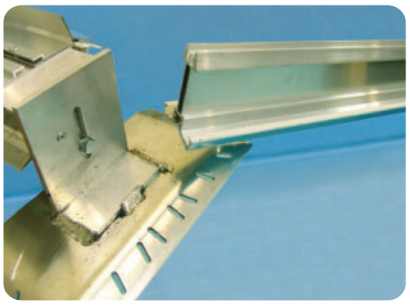
Use the short wide screws to fix transoms.

7. EDWARDIAN BAR

Fit the Edwardian bars in the same manor as the centre transom.
The Edwardian bars should line through with the boss.
Fix the Edwardian bars through the slots on the casting and to the ring beam in the same process as the transoms.

DETAILS





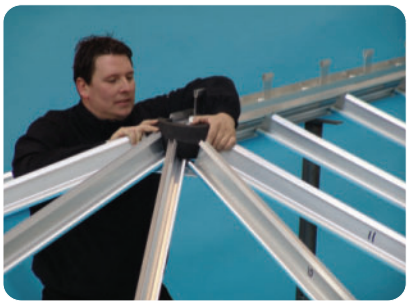
Use the short wide screws
to fix Edwardian bars.

8. BOSS INSULATOR

Insert the water repellent insulator into the gap behind the bars, and transoms, then seal around them and the insulator with silicone.

Note: The boss insulator may require some onsite trimming to ensure a tight fit to the transoms and edwardian bars. This will be dependant on the shape, size and pitch of your roof.

DETAILS

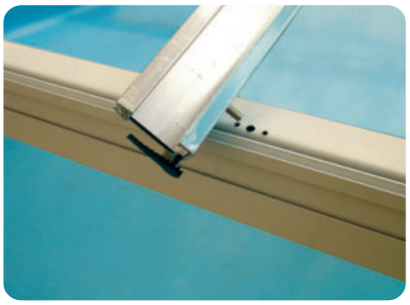


Use low modulus silicone to seal around any joints

9. JACK RAFTERS

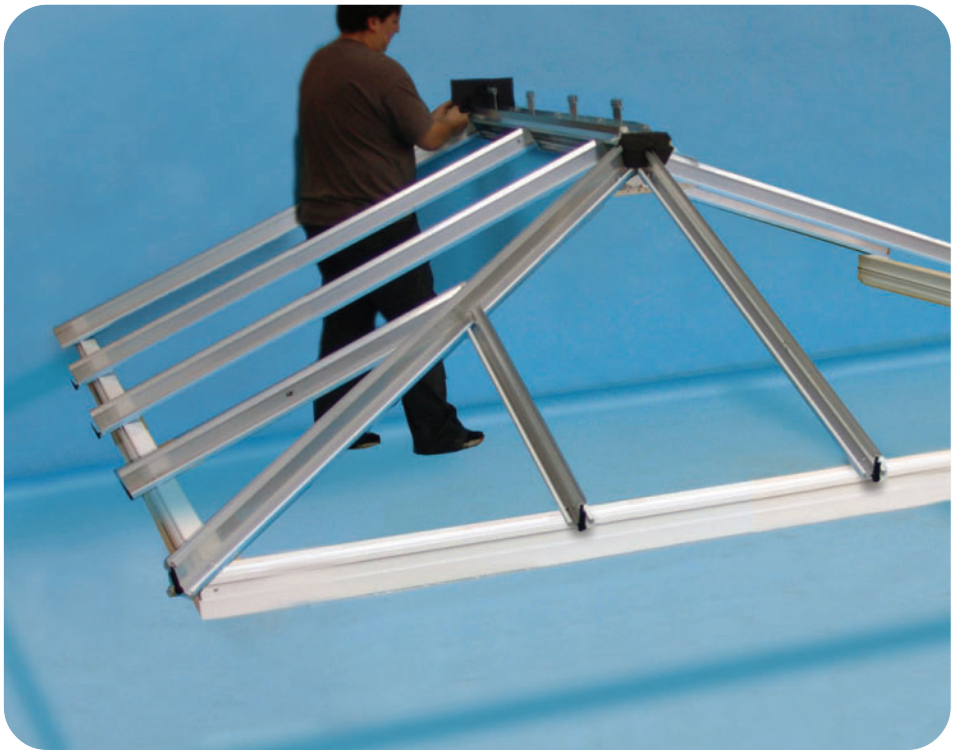
Jack rafters can now be fitted. Firstly locate the pin into the ring beam to position the bottom of the transom. Now clip the jack rafter bracket onto the Edwardian bar. Finally once the jack rafter is square to the ring beam tighten the jack bracket and fit the short wide screws to the ring beam end of the jack rafter.

DETAILS



Use the short wide screws to fix jack rafters.

10. FLASHING TRIM

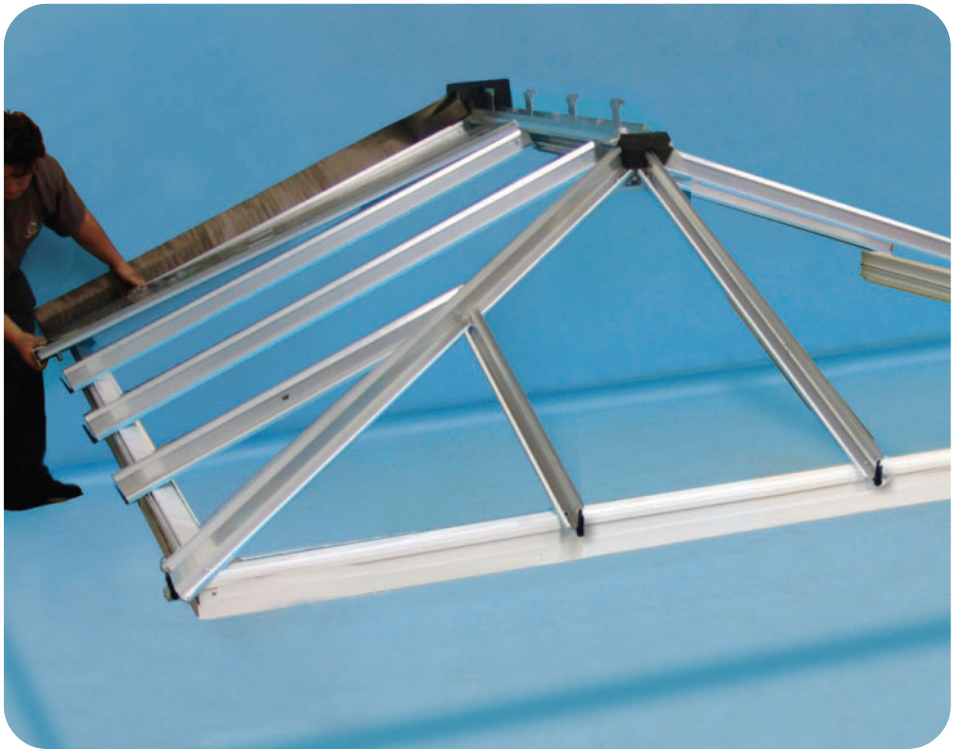


One of the benefits of the Aztec system is that the flashing can be done before the roof is glazed.
First fit the ridge flashing trim, then the lead flashing can be cut and dressed down into the ridge trim and wall bar channel.
Seal any flashing with a lead sheet sealant.

DETAILS

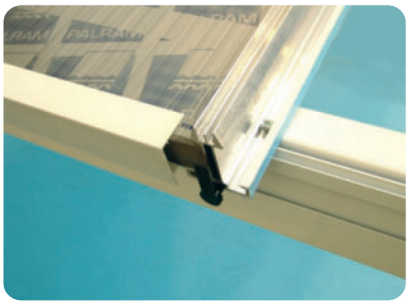
Use code 4 lead and lead sheet sealant on joints from wall to roof.

11. GLAZING TRANSOMS

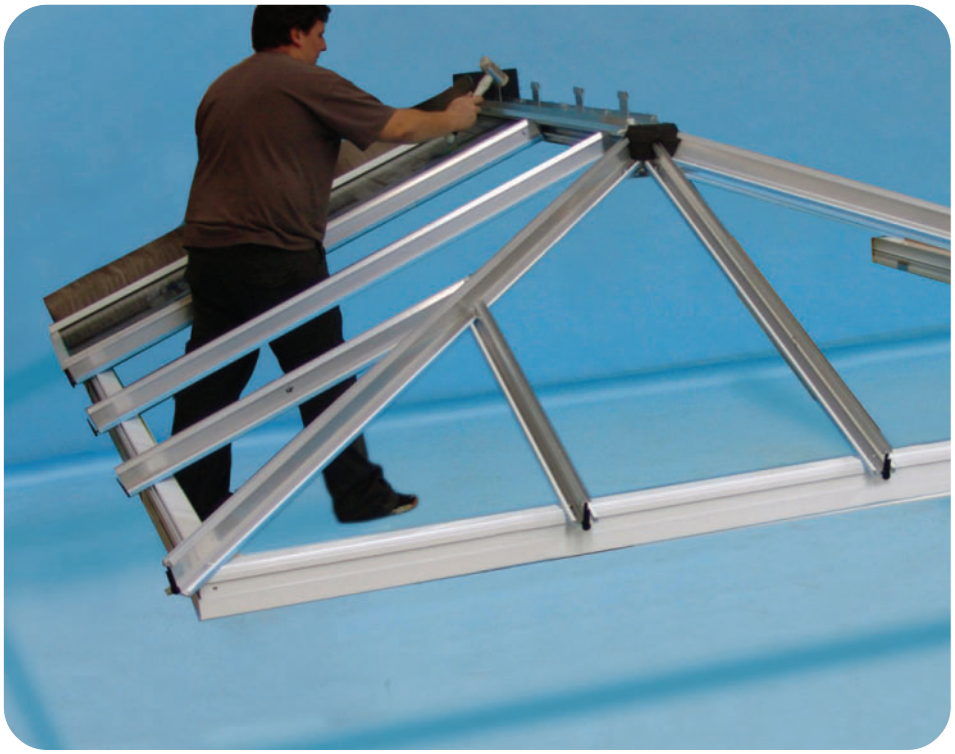


Check that the aluminium foil to the top and sides of each panel are undamaged. Now working anti clockwise, viewed from outside select roof sheet 1, peel back the protective film on each side of the panel so that the roof can be glazed.
Ensure that you read the instructions on the glazing panels prior 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 ridge pocket at the top until the leg of the end closure can be clipped into the channel on the ring beam.

DETAILS



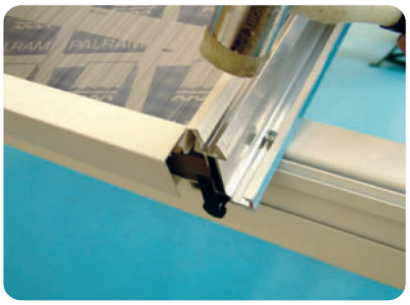
12. GLAZING TRANSOMS



To make glazing the roof easier, the glazing beads are 2 seperate 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)

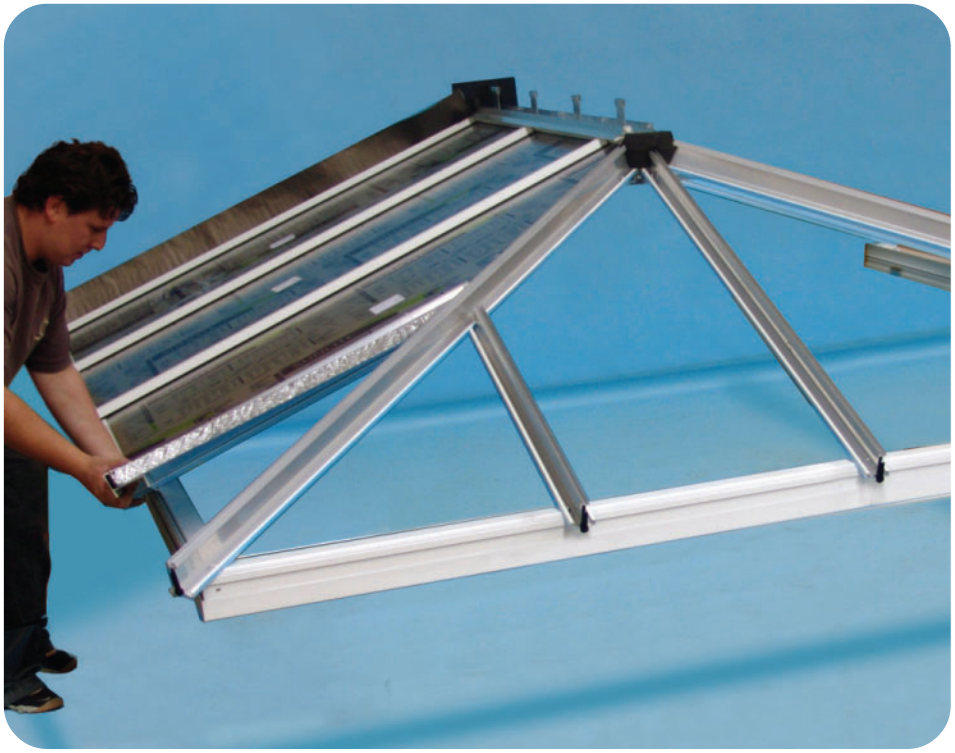
Continue fitting the remainder of the panels to each side of the roof.

DETAILS



Use a soft faced mallet
when beading the roof.

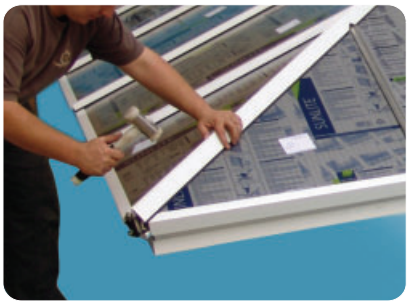
13. GLAZING EDWARDIAN BARS

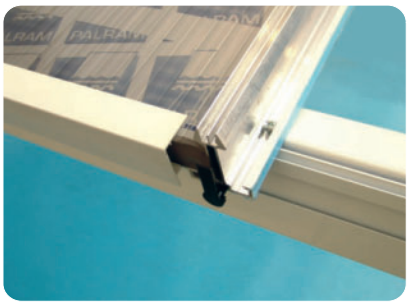


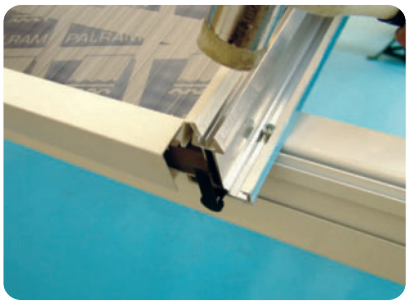
Glaze the front of the roof starting with the left hand side and working anti-clockwise viewed from outside.
Sit the polycarbonate level with the end of the centre transom and level with the centre of the Edwardian bar at the ring beam.

Glaze in accordance with previous steps, ensuring that the jack rafter glazing beads butt up tight against the Edwardian bar glazing beads, Now seal the joint between the two capping's with silicone.

DETAILS

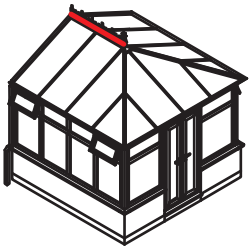






Use low modulus silicone around any joints on the roof.

Use a soft faced mallet when beading the roof.



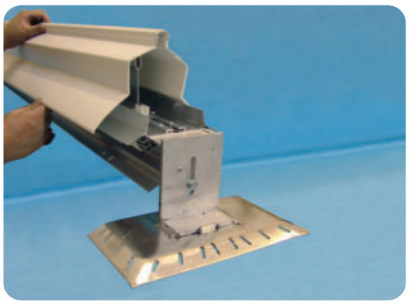
EDWARDIAN ROOF ASSEMBLY INSTRUCTIONS

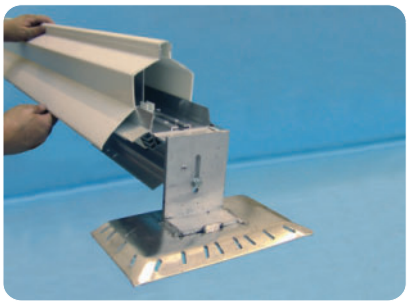
14. RIDGE CAPPING

Position ridge capping on top of ridge and flashing trim. Now press down on the ridge top cap and work along the length of the ridge until fully clipped down into position.

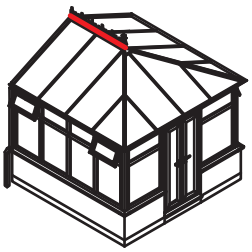
If not pre-fitted to the ridge top cap, the boss top cap can now be clipped to the end of the ridge top cap.
Silicone the contact area of the two components and then clip into position.

DETAILS





Use low modulus silicone around any joints on the roof.

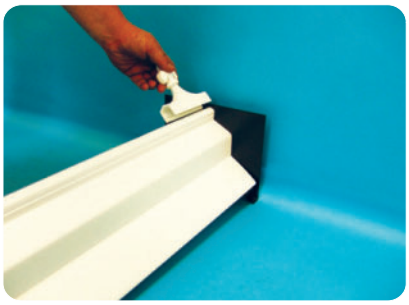


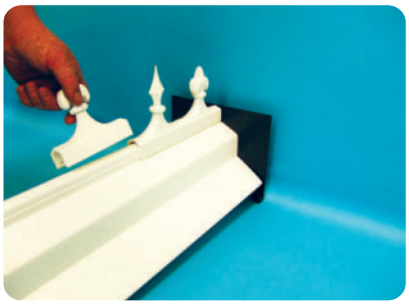
EDWARDIAN ROOF ASSEMBLY INSTRUCTIONS

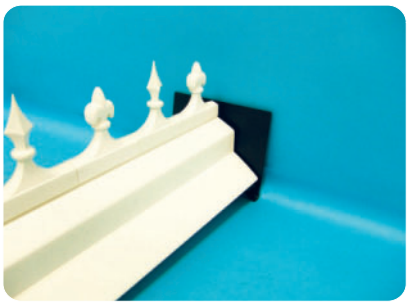
15. CRESTINGS / FINIAL

The crestings clip onto the ridge top cap rail. Clip all the crestings onto the full length of the ridge top cap.
Now the finial can be added. Silicone the contact area and position the finial onto the boss top cap.

DETAILS







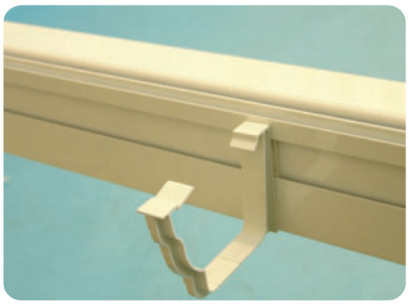
Use low modulus silicone around any joints on the roof.

16. GUTTER BRACKETS

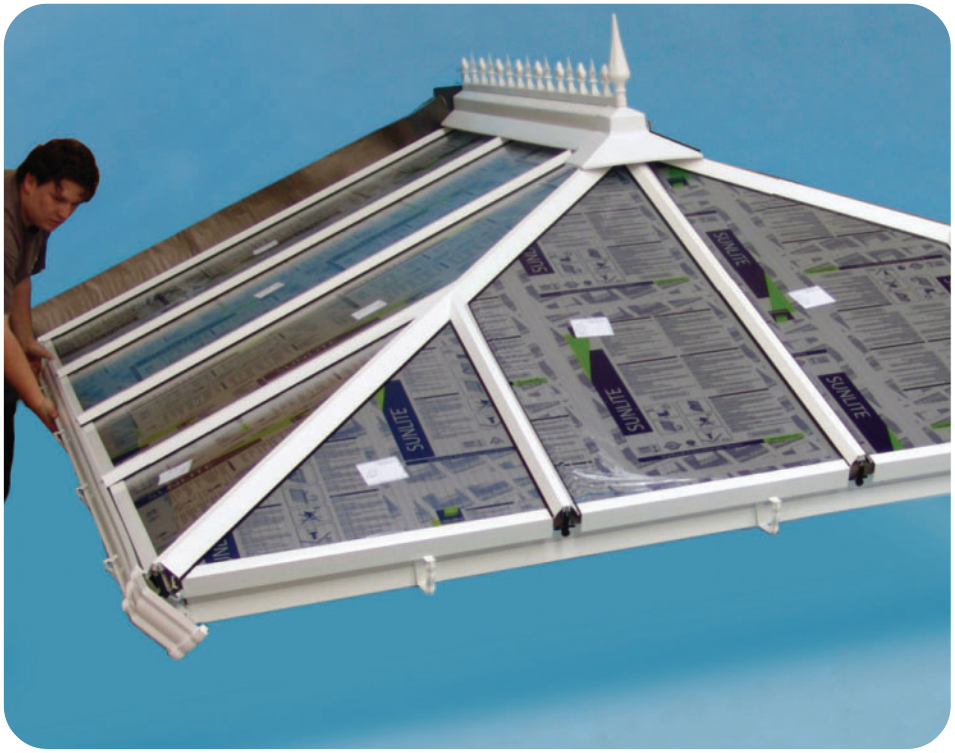
If not pre-fitted please ensure the external ring beam fascia is fitted to the mill finish ring beams.

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

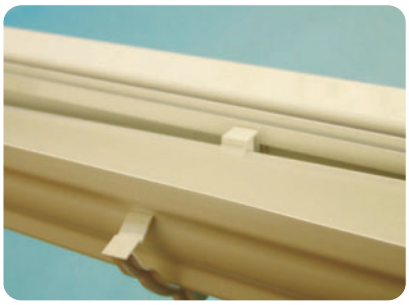


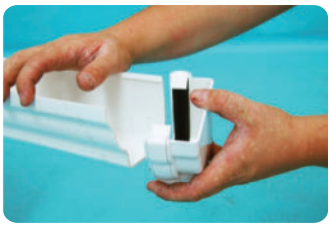
17. GUTTERING



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.

18. END CAPS

If not pre-fitted, push the black plastic brackets into the ends of all transoms and Edwadrian bars.
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