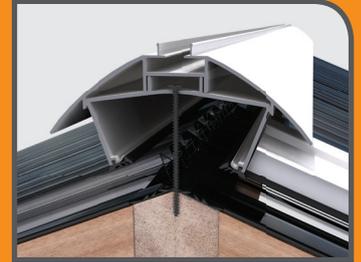


# Fitting Instructions



1. Cut the Alukap®-XR base bar to the desired length.

2. Cut the two rubber gaskets to length to suit the same length as the Alukap®-XR base bar and insert them carefully in to the gasket location grooves.

3. Position the Alukap®-XR rafter gasket over the timber rafters and lay the glazing materials on top, allowing enough space in between for the fixing screws and thermal expansion appropriate to the chosen glazing material.

4. Lay the cut-size Alukap®-XR base bar directly above the rafter, on top of the glazing materials and drill pilot holes through the pre-drilled holes in the Alukap®-XR base bar, in to the rafter as required. Then screw the Alukap®-XR base bar in to place, taking care not to over-tighten the screws, but making sure that the gasket are creating a uniform seal with the glazing material. The fixing torque for standard screws in the Alukap®-XR bars that we recommend in most conditions is 6 – 7

The hole size in to be drilled in the Alukap®-XR base bar for endcap screw should be 2.5mm

5. Screw the Alukap®-XR end cap on to the Alukap®-XR base bar.

6. Make any additional seals with a suitable sealant as required, where the Alukap®-XR base bar makes any abutments or connections to walls, hip bars or ridge bars.

7. Now carefully cut the Alukap®-XR top cap bar to the accurate length required including any mitre or angled cuts for a perfect aesthetically pleasing finish. Snap the Alukap®-XR top cap bar on to the Alukap®-XR base bar along the whole length. use a suitable rubber /plastic headed hammer for this action and avoid heavy impact, to avoid damage to the Alukap®-XR bar and the glazing materials.

1. Follow the same instructions as the standard bars (see left) but note the following additional points

2. Where glass is chosen for the glazing material rather than Axiome, the Alukap®-XR wall and gable finishing bars require a timber packer piece under the outer edge gasket. Where Axiome is used, the glazing material can be extended right the way across the rafter under the outermost Alukap®-XR glazing bar gasket.

3. Where applicable ensure that the timber packer piece is the same thickness as the glass glazing material

4. Make sure that the rafter gasket runs underneath the packer piece

5. In the case of the Alukap®-XR wall finishing bar, the ribbed backing of the up stand makes a perfect surface for a suitable sealant to create an abutment to the adjacent wall.

6. If required simply fit a flashing tape or lead to the adjacent wall and flash over the top of the Alukap®-XR wall finishing up stand.

1. Follow the same instructions as the standard bars (see far left) but note the following additional points

2. The vertically raised side of the Alukap®-XR hip bar allows an excellent surface for other Alukap®-XR standard bars butting up from adjacent jack rafters to be mitred and sealed against

3. Once the base of the Alukap®-XR hip bar is secured and sealed itself, then the final sealing of any top capping abutments of standard Alukap®-XR bars can be made easily without the umbrella top capping of the Alukap®-XR hip bar being in the way.

4. Once the final sealing of the adjoining bars is complete and the Alukap®-XR hip bar end cap is fixed, then the Alukap®-XR hip bar top cap can be snapped into position providing cover over the abutments from the elements.

4. Screw the Alukap®-XR gable or radius end cap on to the Alukap®-XR ridge base bar through the top tongue of the end cap with the top tongue resting on top of the base ridge bar, in between the two vertical location channels.

5. Make any additional seals with a suitable sealant as required, where the Alukap®-XR ridge base bar makes any abutments or connections.

1. Cut the Alukap®-XR ridge base bar to the desired length

2. Cut the two rubber gaskets to length to suit the same length as the Alukap®-XR ridge base bar and insert them carefully in to the gasket location grooves

3. Lay the cut-size Alukap®-XR ridge base bar directly above the ridge rafter, on top of the glazing materials and drill appropriate sized holes through the Alukap®-XR ridge base bar, in to the ridge rafter as required. First and last holes should be a maximum of 100mm from the ends and then at 300mm centres in between. Then screw the Alukap®-XR ridge base bar in to place, taking care not to over-tighten the screws, but making sure that the gasket are creating a uniform seal with the glazing material.

6. Next cut the top section of the Alukap®-XR ridge to the correct length. Where Crests & Finials are being used, BEFORE fitting this top section to the Alukap®-XR ridge base section, apply a bead of sealant down the middle of the top section of the Alukap®-XR ridge and then slide the Crests and Finials into this top section.

7. Offer up the Alukap®-XR ridge top section on top of the Alukap®-XR ridge base section making sure that it is the correct size, and lowering it so that the two opposite pairs of inner vertical location lugs engage. **WARNING:** As a security feature the Alukap®-XR ridge top section is designed to be fixed once and permanently; it will not be easy to remove once the final snap-fix is completed. Once you are ready for the final fix use a suitable rubber/plastic headed hammer to snap this top section down both sides so that the outer location lugs snap firmly together. It is vital that both these outer snap-fix engagements are fully made working all the way along the entire length of the ridge. Avoid heavy impact, to avoid damage to the Alukap®-XR ridge bar and the glazing materials. In exposed applications extra measures should be taken if required to fix top section with additional mechanical fixings as desired.

Disclaimer: Inasmuch as the suppliers have no control over the circumstances in which our material may be used, we cannot guarantee that any particular results will be achieved. Users should carry out their own tests to determine the suitability and structural integrity of the material for their specific site application. Statements provided in the article are given in good faith as a guide only. In exposed applications extra measures should be taken if required to fix top cappings with additional mechanical fixings as desired. Current samples should be requested and site-specific tests made for verification.