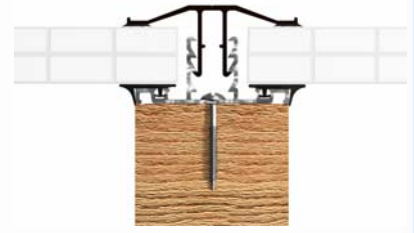


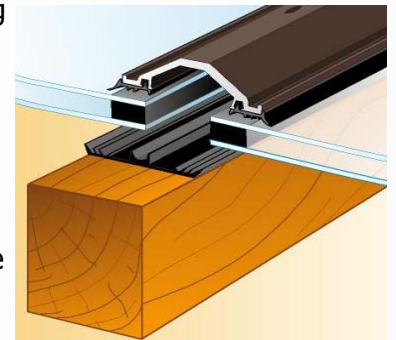
Rockwell Glazing Bar Range

Standard glazing bars or snap down rafter bars comprise an aluminium base and snap on PVC top. This type of bar requires support along its whole length and is suitable for simple lean-to roofs. The bars are quick to fit and available with white or brown PVC top and end caps. Top caps incorporate weather proof gaskets and match the colours of other accessories such as sheet end closures, fixing buttons, F-sections and PVC guttering - making them ideal for domestic applications and basic timber frame canopies.



Standard snap down glazing bars are available for use with 10mm, 16mm, 25mm, 32mm and 35mm thick multiwall polycarbonate sheet. Care should be taken when using in areas exposed to high wind with the use of secondary sheet fasteners advised.

Capping bars are pressure based rafter bars which sandwich sheets between an aluminium cap and the supporting rafter or section. Sheets sit on top of a rafter gasket and are held down by the force of the securing screws which clamp the bars in place. The capping bars incorporate weather proofing gaskets and are available in white, brown or mill finish aluminium - alternatively they can also be powder coated to standard RAL colours on request.



Capping bars can be used on sheets between 6mm and 35mm thick and can also be used for glass, solid polycarbonate or acrylic. Capping bars are particularly useful for bespoke and unusual designs as the bars can be used on many different types of supporting rafter. The use of in-line connectors and other accessories makes them suitable for securing long and intersecting sheets. In addition, by changing the gaskets used within the capping bar, differences between the angles of the sheets can also be accommodated such as on roof hips and valleys.

Structural glazing bars free span the slope or use purlin supports on longer roofs and are ideal where less supporting framework is being supplied. For 16mm or 25mm multiwall polycarbonate sheet Rockwell's snap down structural glazing bars are a convenient option which incorporate weather proofing gaskets in both sections of the bar.

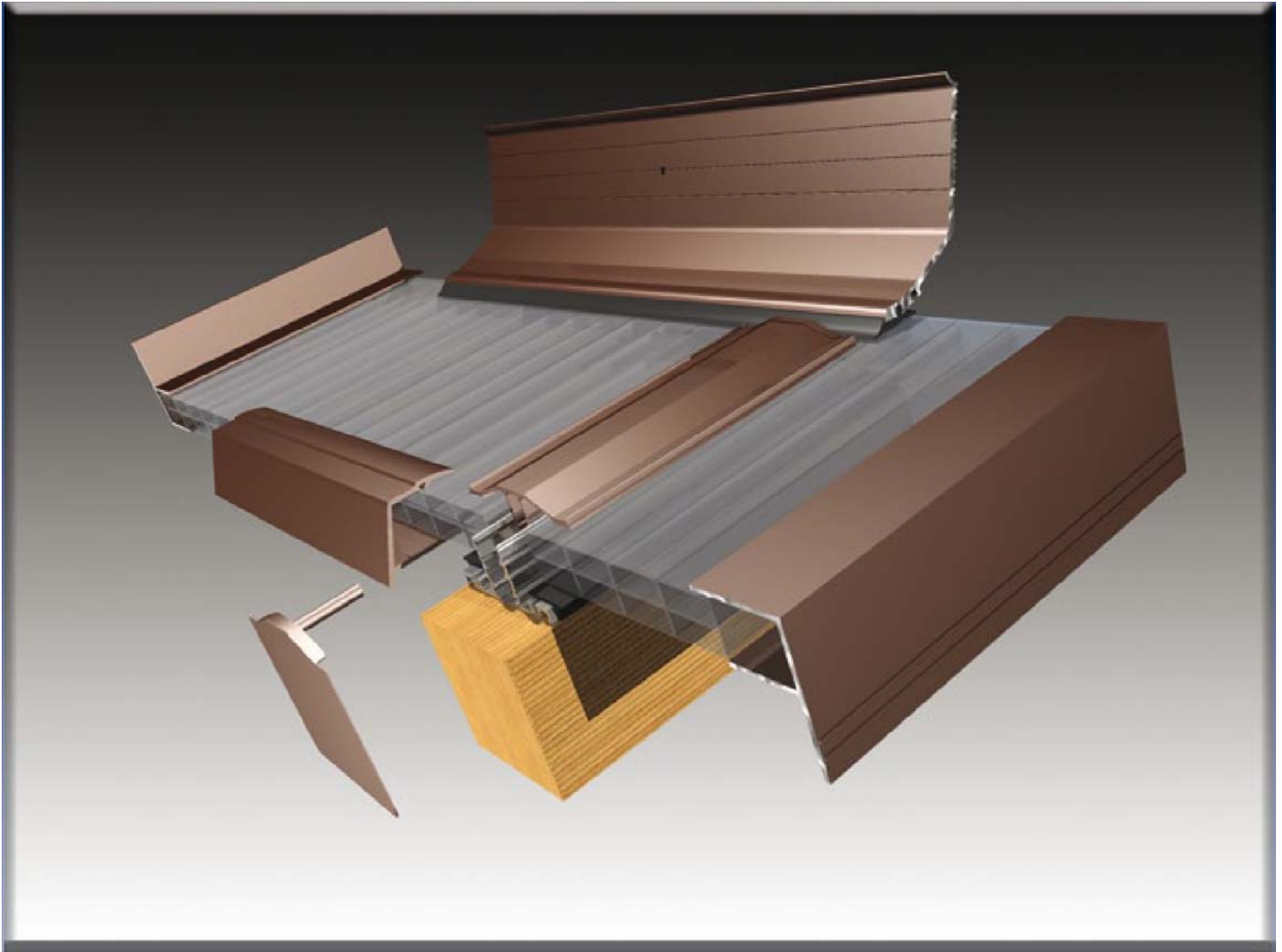


Snap down structural bars have a mill finish aluminium base which is screwed to the upper, lower and any intermediate cross supports. White or brown snap in PVC capping sections are used to retain the sheets. Matching wall plates, eaves beams, end caps and bar undercloaks complete the structure.

For bespoke applications two part aluminium screw down structural bars can be supplied powder coated to any standard RAL colour. Different strengths and sizes of structural bar are offered depending on the span between cross supports required.

Note: All information contained within is given in good faith based on manufacturers' guidelines for standard applications. It cannot be assumed that this is applicable for all projects and it is up to the user to ensure the suitability of materials selected. No liability, warranty or guarantee is given or is to be implied with respect to final product performance.

Standard/Snap Down Glazing Bars & Accessories for Multiwall Polycarbonate Roofs



Aluminium Capping Glazing Bars for Polycarbonate & Glass



CAP 55 standard fix with 40mm rafter gasket

Aluminium capping bars are offered in PPC brown or white from stock. Alternatively mill finish and other RAL colours can be supplied to order. The bars are available between 40mm and 70mm wide and are supplied with rafter gasket and standard or extended PVC end caps.

Stock lengths (depending on bar type): 2.4m, 2.5m, 3.0m, 4.0m, 4.8m, 5.0m & 6.0m

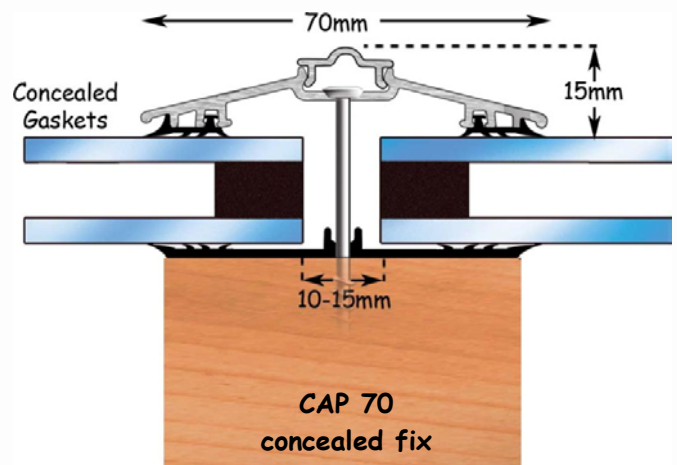
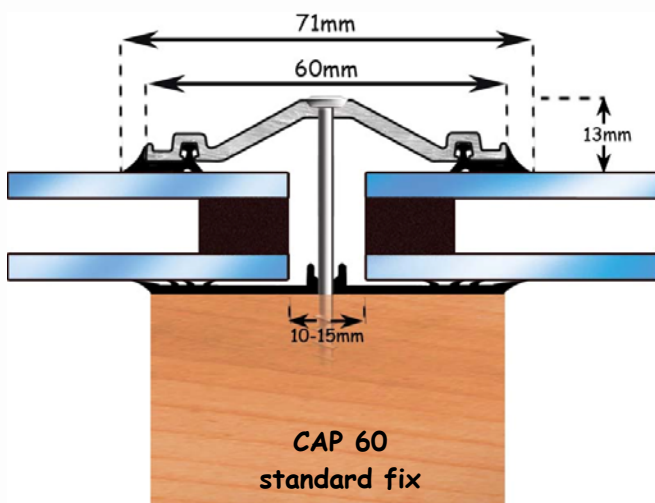
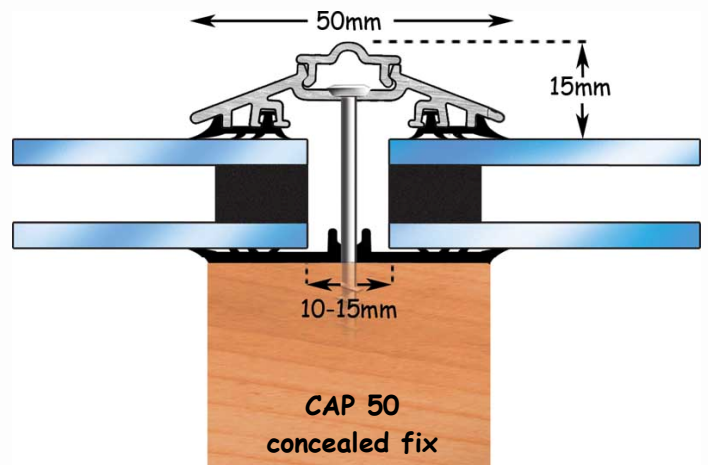
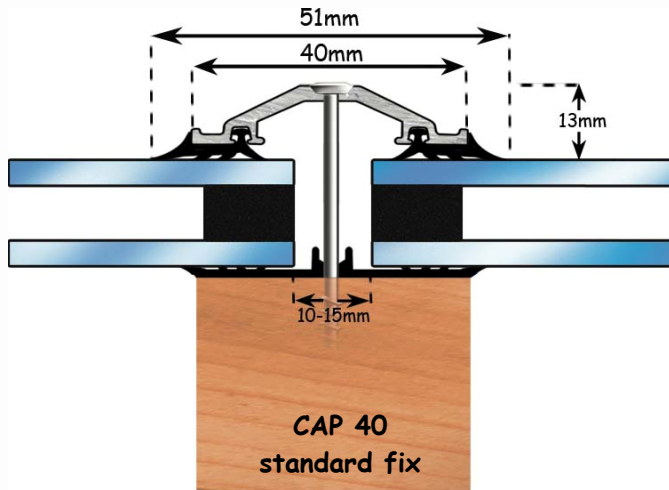
Groove guided gasket, hip & valley gasket, connectors, ridge sections, bridgings and other accessories are also available.



standard end cap



extended end cap



Capping bars shown above with d/g glass units are suitable for glazing with single skin polycarbonate, acrylic or toughened glass.

Snap Down Structural Bar System for Multiwall Polycarbonate



Intermediate Glazing Bar

Available in 2.5m, 3.0m, 3.5m, 4.0m and 6.0m lengths and able to free span up to 4m, this versatile bar can accommodate 16mm and 25mm multiwall polycarbonate. With a timeless design that complements surrounding buildings, the PVCu capping and under cladding provide an effective waterproof barrier around the sheet. Dedicated locking points ensure easy sheet installation and allows lean to roofs to be quickly assembled.



End Glazing Bar

Available in 2.5m, 3.0m, 3.5m, 4.0m and 6.0m lengths to match the main bar the design ensures a watertight fit and also incorporates an integrated drip channel which moves water away from the edge of the roof.



Wall Plate

The innovative design of the wall plate allows for roof pitch adjustment between 2.5 - 15 degrees making it suitable for nearly all lean to roof applications. The integral under cladding and PVC flashing provide an appealing finish and makes for easy sealing. Dedicated screw lines make fitting to the wall easy and trouble free. Available in 3.0m, 5.0m, 6.0m lengths.



Eaves Beam

The box section design with a radius top allow roof pitches between 2.5 - 15 degrees to be accommodated making it suitable for most applications. The eaves beam has a maintenance free powder coated finish and comes with screw on end caps. Available in 3.0m, 5.0m, 6.0m lengths.



Recommended Bar Span/Spacing

Max Span of Bar	Bar Centres (sheet width)
4000mm	600mm
3500mm	700mm
3350mm	800mm
3200mm	900mm

(calculations based on a load of 600N/m²)

