



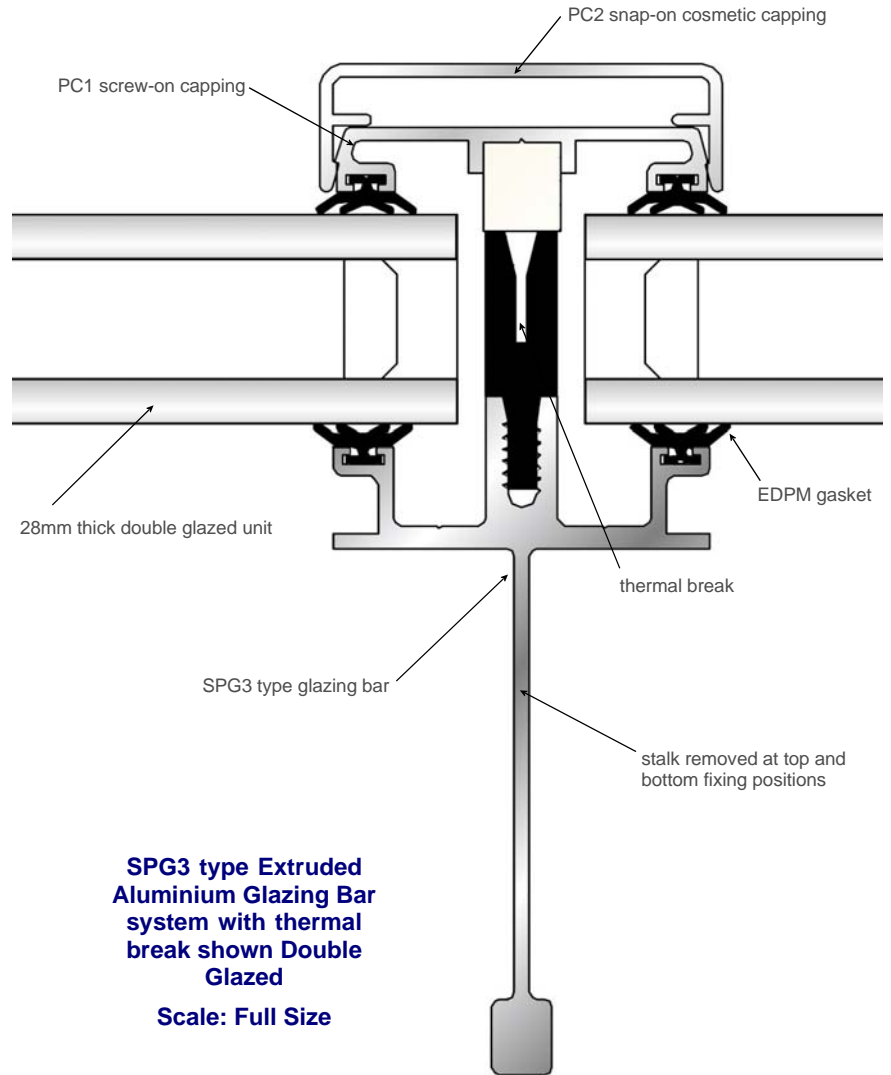
Our Skyline type glazing bar range has been developed to give specifiers an alternative to traditional external stalked glazing bars. The low profile external aluminium capping offers a smart appearance to the external façade of the patent glazing system. As with our other aluminium sections the bar and caps are extruded to our own dies from grade 6063 temper T6 aluminium alloy.

The glazing bar's strength is provided by an internal stalk (or web) and is weathered by a screw on pressure cap with an additional snap-on cosmetic cap to conceal all screw fixing positions.

As the majority of the glazing bar resides permanently on the inside of the building, it therefore maintains a higher temperature. Consequently, this system provides a lower thermal transmittance than an external stalked glazing bar where a wider surface area is in contact with external elements. A thermal break is included for double glazed installations to reduce the effects of cold bridging.

Visit our web site to download AutoCAD or PDF files for all of the Skyline range including a wealth of typical interface details with common supporting structure designs.

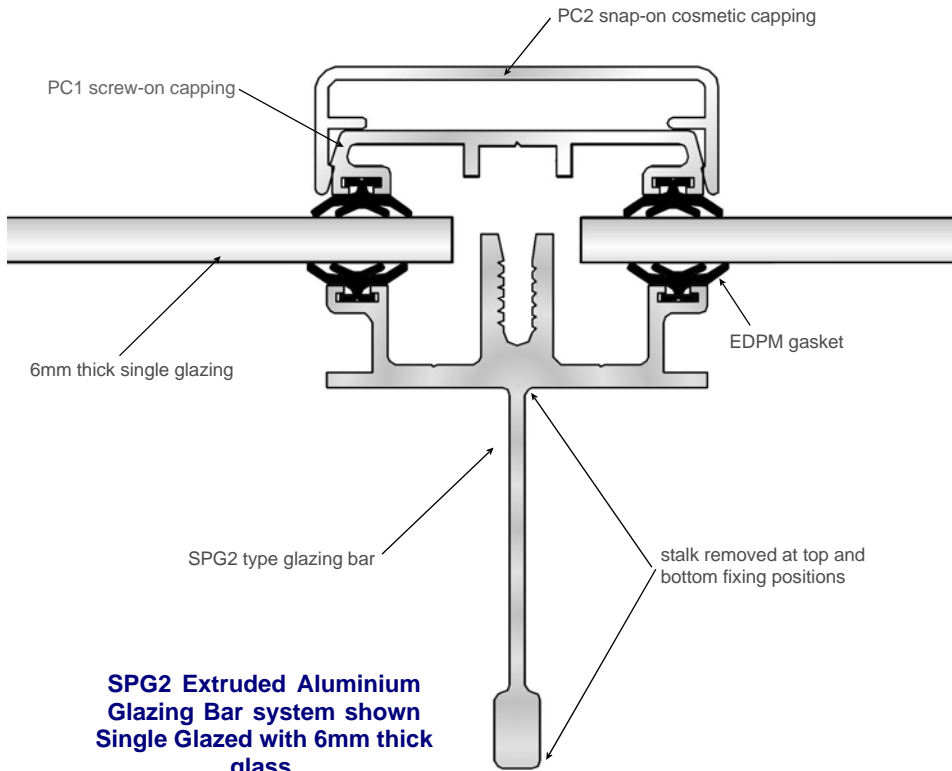
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Glazing System	Bar Section	Depth mm	Max Roof Span		Max Vertical Span		Ix-xcm4	Zx-x cm3
			Double Glazing	Single Glazing	Double Glazing	Single Glazing		
Skyline	SPG2	70	1600	2000	2400	3800	17,366	3,893
Skyline	SPG3	90	3000	3500	3800	3000	41,123	7,299
Skyline	SPG4	115	4000	5000	4400	4900	111,709	17,848



Skyline Patent Glazing System



SPG2 Extruded Aluminium Glazing Bar system shown Single Glazed with 6mm thick glass.

Scale: Full Size

The Skyline glazing system is suitable for double glazed applications where compliance with Building Regulations Document L are a requirement but is also popular for single glazed applications such as feature canopies.

When used with double glazing and thermal breaks this system is capable of providing an overall U Value of approximately 1.8W/m²K.

To maintain a low profile within the roof line we remove the internal part of the glazing bar, called the 'stalk' at the top and bottom positions where the bars are secured to the supporting structure. A small tolerance is incorporated to allow for some variation within the finished structure, however, accuracy is required within the structure otherwise any variations will become apparent.

