Our Skyline Box type glazing bar range has been developed to give specifiers an alternative to traditional internal and external stalked glazing bars. The low profile external aluminium capping offers a smart appearance to the external facade of the patent glazing system and the visual appearance is similar to curtain walling.

Our Skyline Box range of extruded aluminium glazing bars offer an economical roof glazing solution when compared with curtain walling roofing systems whilst maintaining a very similar appearance. The glazing bar’s strength is provided by an internal box section.

The glazing bar is weathered by a screw on pressure cap (PC1) with a choice of plain (PC2) or ornate (PC3) cosmetic outer snap-on cappings to conceal all fixing screws.

This system is able to accommodate double and triple glazed applications where compliance with Building Regulations Document L are a requirement but is also popular for single glazed applications such as feature canopies and unheated spaces.

Available in four sizes depending on the design span with box section depths of 50mm, 75mm, 100mm and 150mm. This glazing system is capable of spanning up to 7 metres unsupported with double glazed infills weighing 30kg/m².
### Performance Data for Skyline Box Patent Glazing Bars

<table>
<thead>
<tr>
<th>Bar Section</th>
<th>Box Depth (mm)</th>
<th>I x-xcm$^4$</th>
<th>$S_n$ cm$^3$ Plastic Modulus</th>
<th>Roof Span (mm) *</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Double Glazing</td>
</tr>
<tr>
<td>SPG5</td>
<td>50</td>
<td>458,350</td>
<td>17,495</td>
<td>1450-3440mm</td>
</tr>
<tr>
<td>SPG7</td>
<td>75</td>
<td>1,043,625</td>
<td>28,284</td>
<td>2200-4230mm</td>
</tr>
<tr>
<td>SPG10</td>
<td>100</td>
<td>1,861,293</td>
<td>39,405</td>
<td>2930-4880mm</td>
</tr>
<tr>
<td>SPG15</td>
<td>150</td>
<td>4,732,206</td>
<td>74,053</td>
<td>3920-7000mm</td>
</tr>
</tbody>
</table>

* Roof Span values are approximate and may vary depending on installation conditions.
Skyline Box SPG5 type thermally broken extruded aluminium Glazing Bar with screw-on PC1 capping and snap-on cosmetic square topped PC2 capping section - double glazed with 28mm thick double glazed units

Skyline Box SPG5 type thermally broken extruded aluminium Glazing Bar with screw-on PC1 capping and snap-on cosmetic square topped PC2 capping section - double glazed with 28mm thick double glazed units
Skyline Box Patent Glazing System

Skyline Box SPG5 glazing bar with square capping - double glazed

Skyline Box SPG5 glazing bar with ornate capping - single glazed

Skyline Box SPG7 glazing bar with square capping - double glazed

Skyline Box SPG5 glazing bar with ornate capping - single glazed

Skyline Box SPG10 glazing bar with square capping - double glazed

Skyline Box SPG5 glazing bar with ornate capping - single glazed
Skyline Box Patent Glazing System

Power Road Studios, Chiswick

Contractor: Faithdean PLC

RAF Valley, Anglesey

Contractor: DORTECH Ltd
Skyline Box Patent Glazing System

Silcotes School, Wakefield

Contractor: Quarmby Construction Ltd

Epsom Town Hall

Contractor: W.C. Evans & Sons Ltd