



# roof systems



**Aluminium Capped System**

**Snap Down System**

**Self Supported System**

**Performance Roof Glass**

**Polycarbonate**

# Welcome!



## Create beautiful orangeries & conservatories with our roof glazing systems.

Our extensive range of roof glazing systems can cater for almost any design requirement you could imagine. Utilising 3 main ranges we can cater for everything from complete self supporting conservatory roofs, to period style timber supported Orangeries to simple and cost effective polycarbonate lean-to roofs.

### Service

These systems are backed up by our market leading customer service. We can work from drawings provided or even visit site to advise and survey, free of charge. Many of the products in this brochure are held in stock and all are available for a prompt delivery direct to site.

### Something Different?

When you need something a bit different, we have the systems to support you. We can supply products in any RAL colour to order and we have a vast range of products available to us to help meet the most unusual and challenging details.

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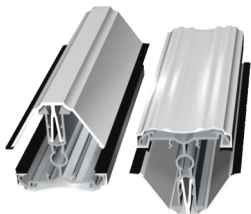
## Snap Down System

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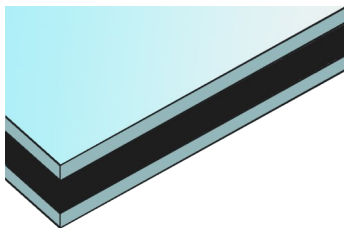
## Self Supported System

10



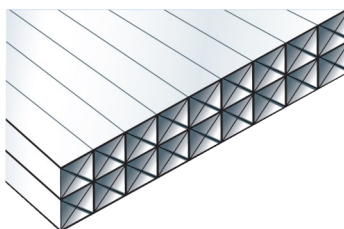
## Performance Roof Glass

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## Polycarbonate

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# Aluminium Capped System

The aluminium capped system provides a versatile platform for timber framed conservatories and orangeries. The wide range of components will ensure that there is an exact solution for your project and you can be re-assured of excellent aesthetics and uncompromised weather resistance.



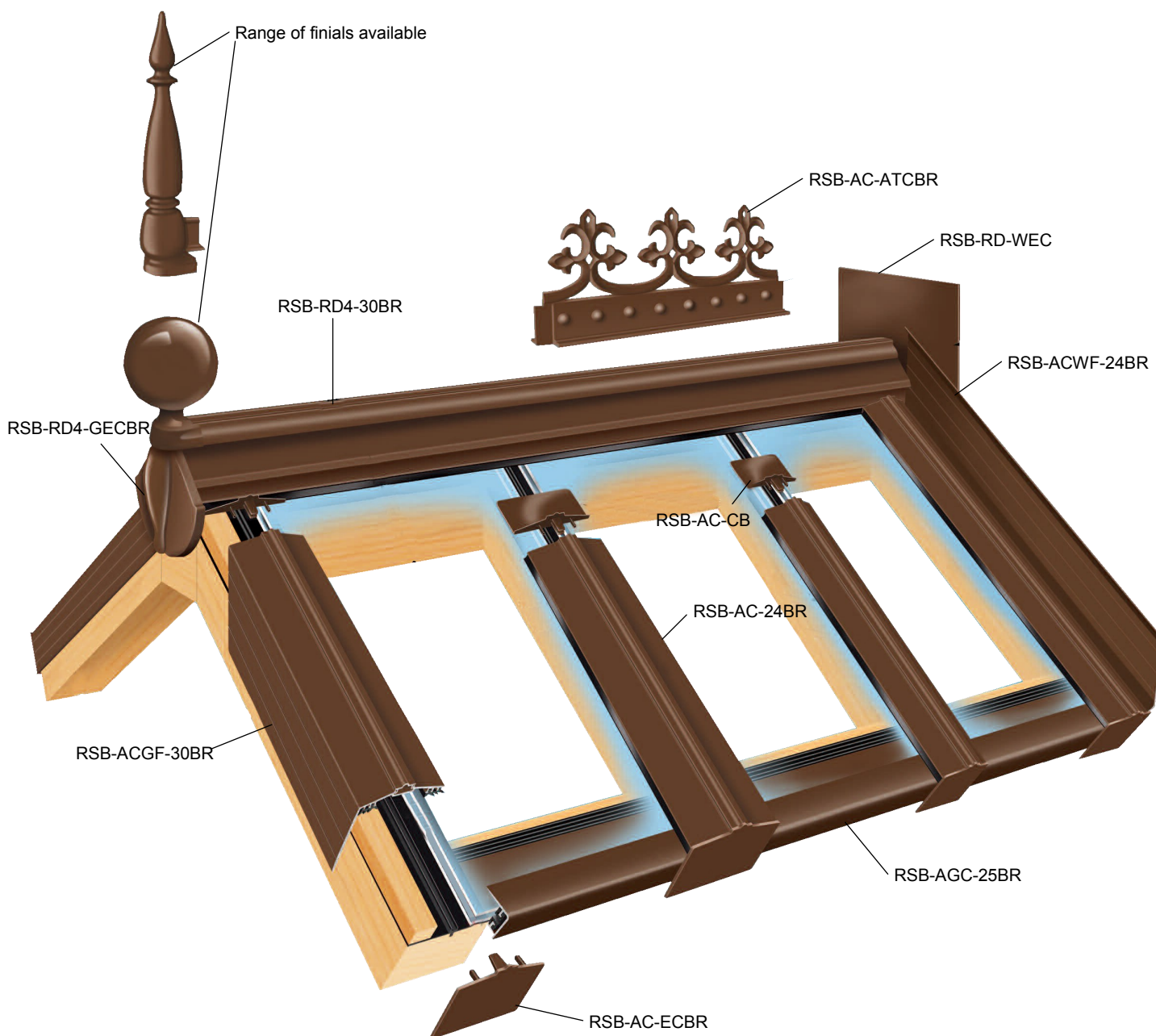
## Example of Hipped Roof Installation



**“Available in  
White & Brown  
or any standard  
RAL colour”**

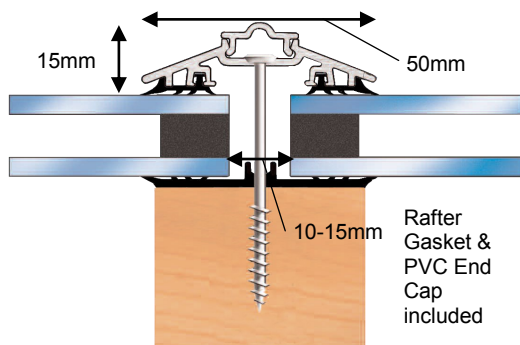
Careful design consideration means that our aluminium capped system leaves no exposed screw heads and is completely sealed using mechanical methods. Extruded from high quality aluminium, the system is stocked in white and brown polyester powder coat finishes. Any RAL colour can be achieved by using our bespoke coating service.

## Example of Gable Roof Installation



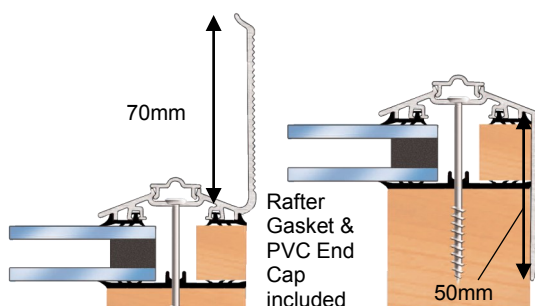
# Aluminium Capped System

## Intermediate Bars



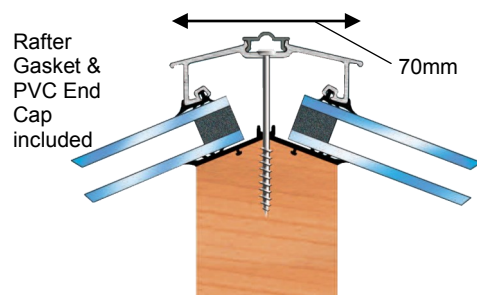
CODE	DESCRIPTION
RSB-AC-24BR/W	2.4m Glazing Bar Brown / White
RSB-AC-30BR/W	3.0m Glazing Bar Brown / White
RSB-AC-48BR/W	4.8m Glazing Bar Brown / White
RSB-AC-60BR/W	6.0m Glazing Bar Brown / White

## Gable / Wall Flashing Bars



CODE	DESCRIPTION
RSB-ACWF-30BR/W	3.0m Wall Flashing Bar Brown / White
RSB-ACWF-60BR/W	6.0m Wall Flashing Bar Brown / White
RSB-ACGF-30BR/W	3.0m Gable Flashing Bar Brown / White
RSB-ACGF-60BR/W	6.0m Gable Flashing Bar Brown / White

## Hip Bars



CODE	DESCRIPTION
RSB-ACH-24BR/W	2.4m Hip Bar Brown / White
RSB-ACH-30BR/W	3.0m Hip Bar Brown / White
RSB-ACH-48BR/W	4.8m Hip Bar Brown / White
RSB-ACH-60BR/W	6.0m Hip Bar Brown / White

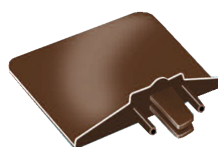
## Glazing Bar Components



End Cap PVC  
RSB-AC-ECBR/WH



End Cap Aluminium  
RSB-AC-AECBR/WH



Crest Bridging  
RSB-AC-CB



Hip Bridging  
RSB-AC-HB

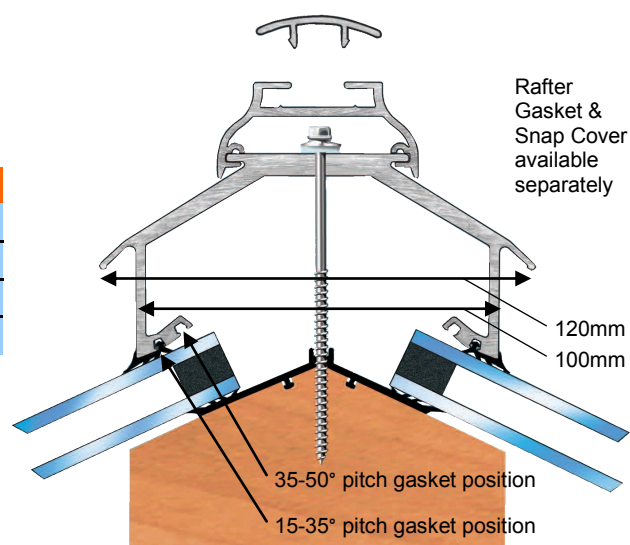


Hip Jack Cap  
RSB-ACH-JC



## Ridge Bars

CODE	DESCRIPTION
RSB-RD4-30BR/W	3.0m Mk4 Ridge Brown / White
RSB-RD4-60BR/W	6.0m Mk4 Ridge Brown / White
RSB-SC30BR/W	3.0m Snap Cover Brown / White
RSB-SC60BR/W	6.0m Snap Cover Brown / White



## Ridge Bar Components



Radius End Cap  
RSB-RD4-ECBR/W



Gable End Cap  
RSB-RD4-GECBR/W



Cap End Cap  
RSB-RD4-CECBR/W



Hip Bridging  
RSB-RD4-WECBR/W



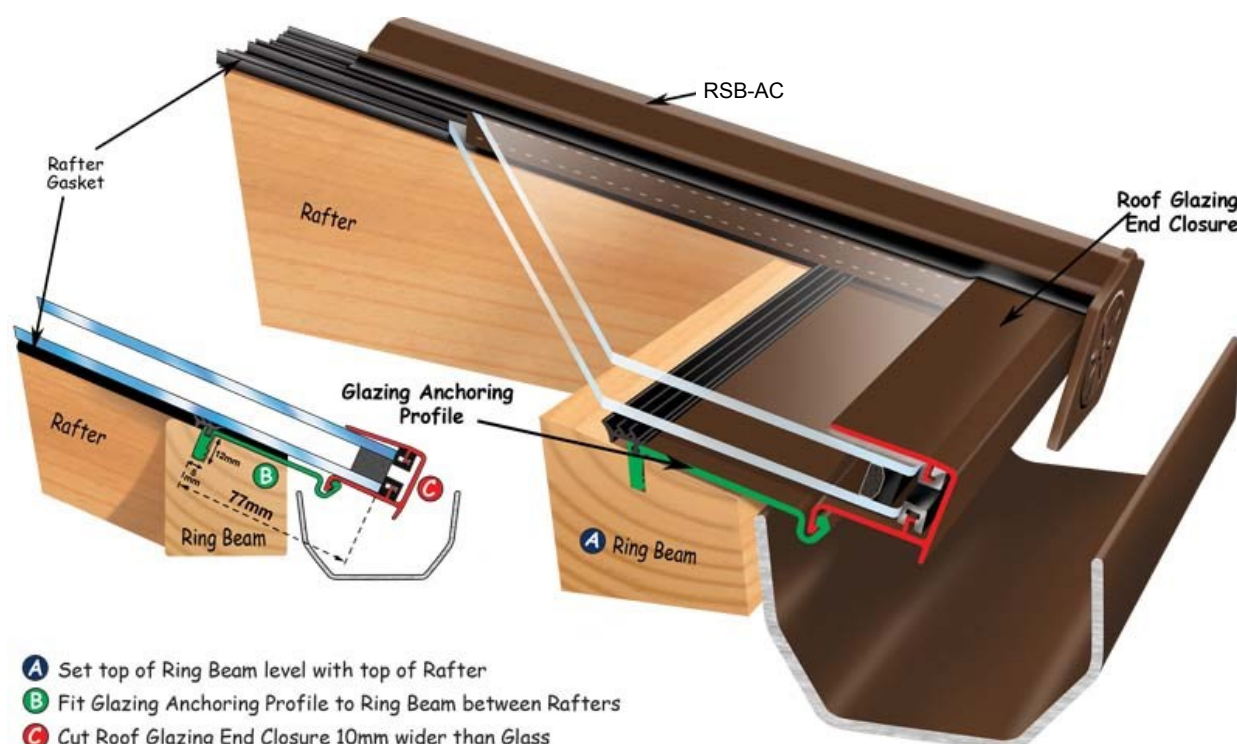
PVC Finial  
RSB-AC-PFBR/W



PVC Cresting  
RSB-AC-ATCBR/W

Other finials and crestings are available, please ask for details

245mm length



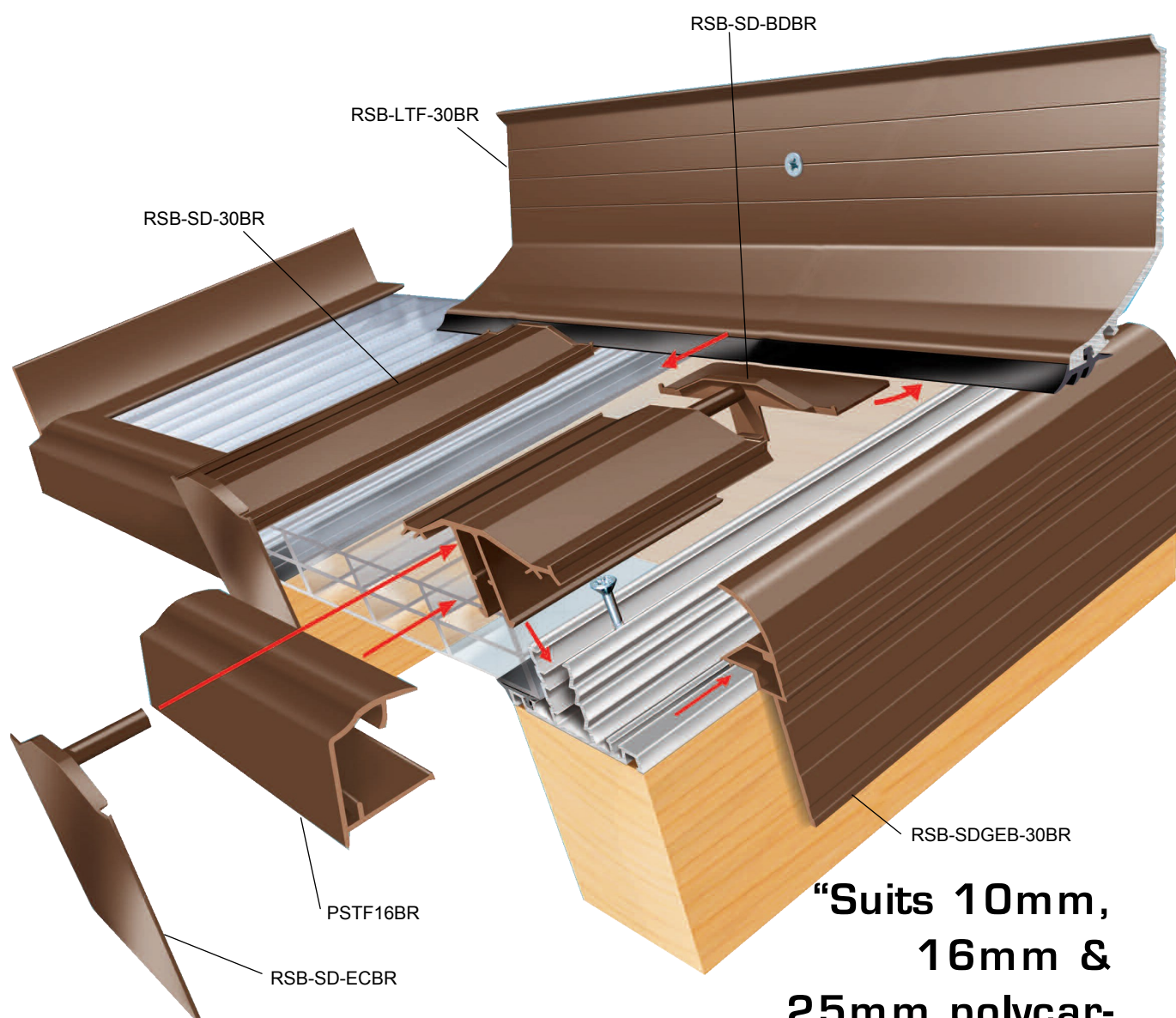
- A** Set top of Ring Beam level with top of Rafter
- B** Fit Glazing Anchoring Profile to Ring Beam between Rafters
- C** Cut Roof Glazing End Closure 10mm wider than Glass

# Snap Down System

The snap down system offers ease and speed of fitting together with an affordable price tag, making it the perfect solution for lean-to shelters and conservatories where polycarbonate sheeting is being used.



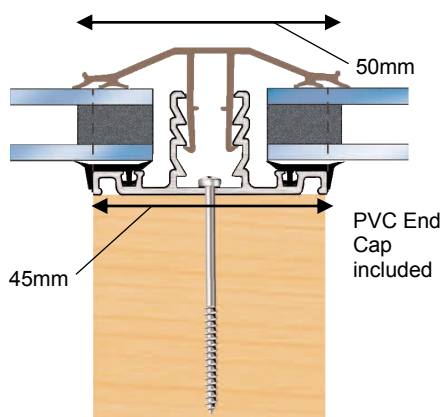
## Example of Lean-to Roof Installation



**"Suits 10mm,  
16mm &  
25mm polycarbonate sheets"**



## Snap Down Bars



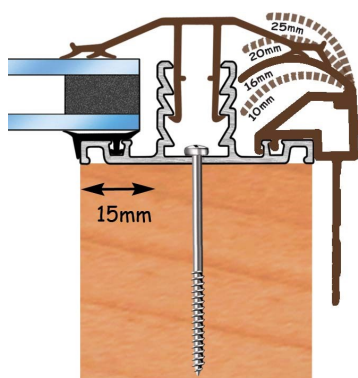
CODE	DESCRIPTION
RSB-SD-25BR/W	2.5m Glazing Bar Brown / White
RSB-SD-30BR/W	3.0m Glazing Bar Brown / White
RSB-SD-40BR/W	4.8m Glazing Bar Brown / White
RSB-SD-60BR/W	6.0m Glazing Bar Brown / White

## Lean-to Flashing Profile



CODE	DESCRIPTION
RSB-LTF-30BR/W	3.0m Flashing Brown / White
RSB-LTF-60BR/W	6.0m Flashing Brown / White

## Gable End Flashing Profile



CODE	DESCRIPTION
RSB-SDGEB-25BR/W	2.5m Gable Flashing Brown / White
RSB-SDGEB-30BR/W	3.0m Gable Flashing Brown / White
RSB-SDGEB-40BR/W	4.8m Gable Flashing Brown / White
RSB-SDGEB-60BR/W	6.0m Gable Flashing Brown / White

## Snap Down Components



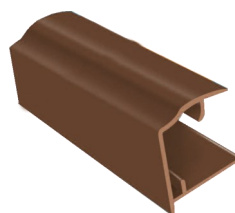
End Cap PVC  
RSB-SD-ECBR/WH



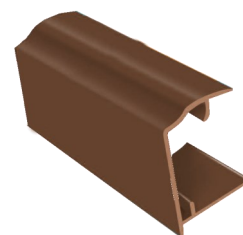
Snap Down Bridging  
RSB-SD-BDBR/WH



10mm Sheet Closure  
PSTF10BR/W



16mm Sheet Closure  
PSTF16BR/W

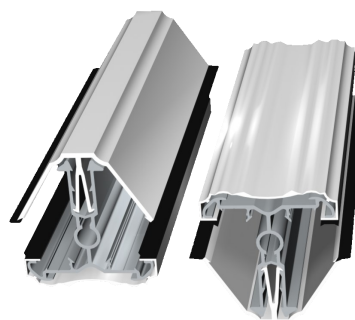


25mm Sheet Closure  
PSTF25BR/W

# Self Support System

## Simple to install

Our self support system has been designed to allow for all window and door frame thicknesses from 60mm to 70mm. The integral frame clip adjusts to fit the frame size, giving a good weather seal against the window frame and a pleasing finish.

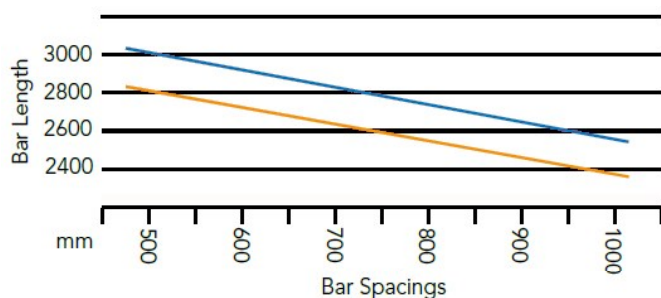


## Versatile - Suits Polycarbonate & Glass

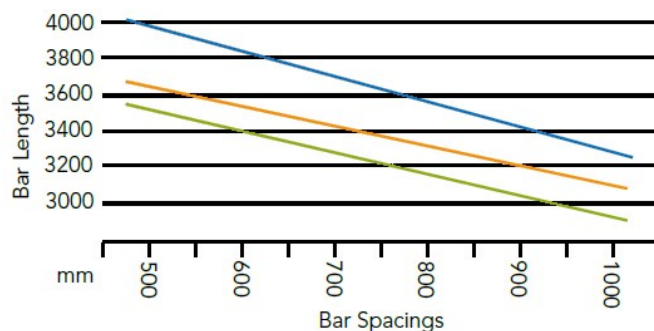
## Strong & Lightweight

Using the latest technology and materials has allowed us to design exceptional weight to strength ratios. Using the heavy duty rafter, our self support system can span roofs up to 4000mm without the use of additional support purlins, and glass roofs can be easily accommodated with the use of our bolster bar.

### Eco Bar



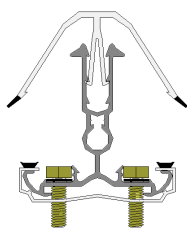
### Heavy Duty Bar



25mm Polycarbonate  
4mm D/G Glass Units  
6mm D/G Glass Units



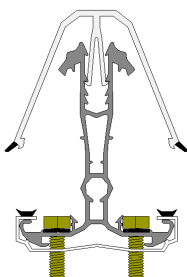
## Eco Bar



End Cap  
included

CODE	DESCRIPTION
SSB-ECO-25W	2.5m Eco Bar White
SSB-ECO-30W	3.0m Eco Bar White
SSB-ECO-ECW	Bar End Cap White

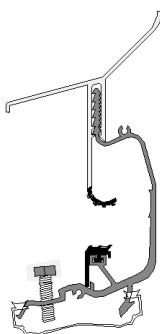
## Heavy Duty Bar



End Cap  
included

CODE	DESCRIPTION
SSB-HDB-30W/RW/GO	3.0m HD Bar White / Rose / G Oak
SSB-HDB-40W	4.0m HD Bar White
SSB-HDB-60W/RW/GO	6.0m HD Bar White / Rose / G Oak
SSB-GS	Glass Retention Plate
SSB-ECO-ECW/RW/GO	Bar End Cap White

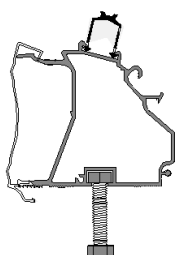
## Wall



End Cap  
included

CODE	DESCRIPTION
SSB-WP-30W/RW/GO	3.0m Wall Plate White / Rosewood / G O
SSB-WP-40W/RW/GO	4.0m Wall Plate White / Rosewood / G O
SSB-WP-60W/RW/GO	6.0m Wall Plate White / Rosewood / G O
SSB-WP-CON	Wall Plate Connector
SSB-WP-ECW	Wall Plate End Cap White

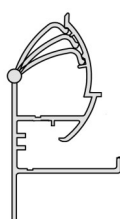
## Eaves Beam



End Cap  
included

CODE	DESCRIPTION
SSB-EV-30W/RW/GO	3.0m E Beam White / Rosewood / G O
SSB-EV-40W/RW/GO	4.0m E Beam White / Rosewood / G O
SSB-EV-60W/RW/GO	6.0m E Beam White / Rosewood / G O
SSB-EV-CON	E Beam Connector
SSB-WP-ECW	E Beam End Cap White

## Gable End Adaptor



CODE	DESCRIPTION
SSB-AB-25W	2.5m HD Bar White
SSB-AB-30W/BR/CA	3.0m HD Bar White / Brown / Caramel
SSB-AB-40W	4.0m HD Bar White
SSB-AB-60W/BR/CA	6.0m HD Bar White / Brown / Caramel

Car Port Kits available including support legs



# Installation Guide - Self Support System

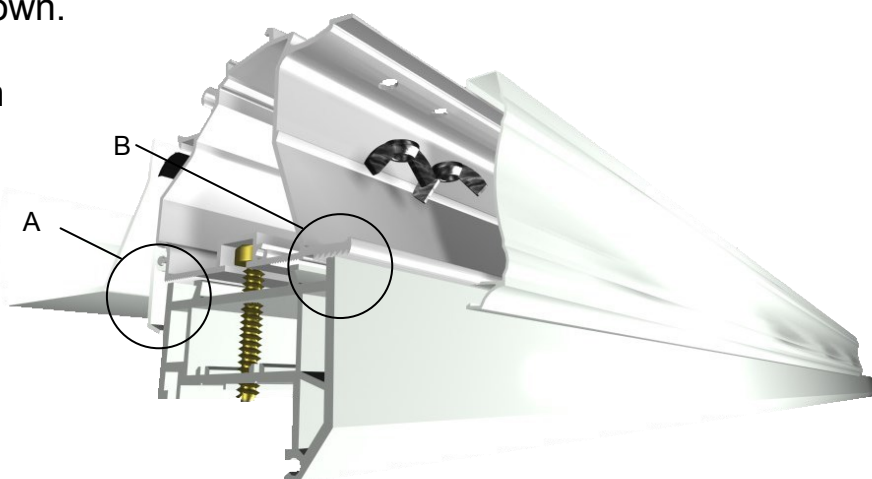
## 1. Fit Eaves Beam

Apply a sealant to base of eaves beam and fix eaves beam on top of front window.

(A) 70mm Window Frames front cover of eaves beam should touch window frame as shown.

(B) Less than 70mm thickness windows you should fit eaves beam with no more than 10mm of lip showing inside as shown.

Make sure you use enough fixings to attach your roof securely to the frame.

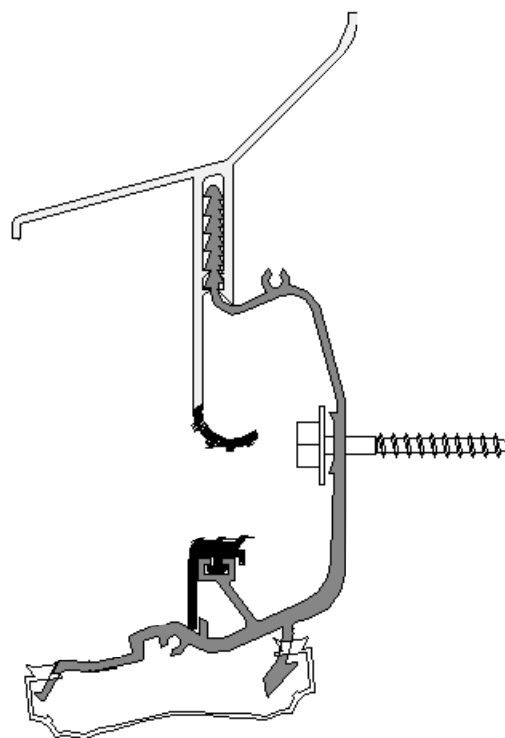


## 2. Fit Wall Plate

Fit the wall plate to the back wall of the house.

Make sure you use enough fixings to attach your roof securely to the back wall.

Alternatively, using one of the glazing bars from the kit as a guide, loosely fix glazing bar into the front eaves beam with a single bolt then raise or lower the wall plate until you can pass a bolt through the holes of the wall plate and glazing bar. This shows the wall plate is now at the correct height.



### 3. Fit Glazing Bars

Each bar should have four fixings securing it. 2 fixings set 20mm from the wall plate end. The other 2 110mm from the end for the eaves beam.

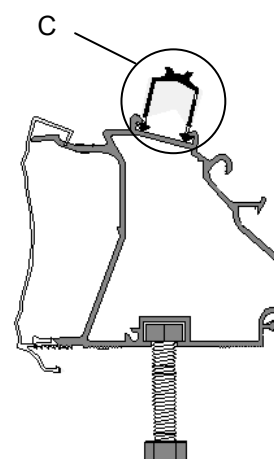
The self drill bolts are for the wall plate, the M6 X 30mm bolts are for the eaves beam.

Fix the glazing bars to the roof using the self drill bolts supplied. The two end bars of the roof require end adapters to be fitted into one side.



### 4. Clip in Eaves Infill Sections

Clip in the eaves infill sections (C) in between each glazing bar. This section comes over size and will need trimming to size to give a draught seal to the glazing sheets.



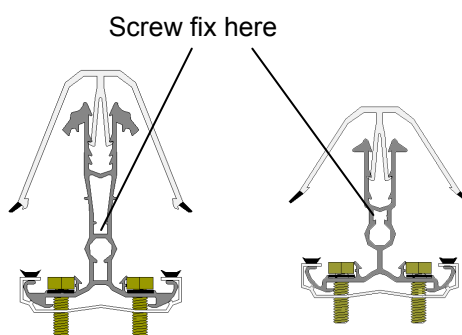
### 5. Glaze Panels

The glazing bars can be glazed with any thickness of glazing from 16-35mm. Lay panels in between each bar with the PVC end drip of the sheet flush with the front of the glazing bar.

Before you fit the glazing bar top caps snap down the wall plate top cap so that the rubber seal touches the glazing panels on the roof. Snap down the top caps of the glazing bars until they touch the panels.

### 6. Fit Glazing Bar End Caps

With the supplied screws fix the glazing bar end plates. Use the correct hole on the end plate to suit the thickness of glazing so that the end plate covers the glazing bar top cap.



# Performance Roof Glass



Our range of performance roof glass offers the very best in roof glazing. All glass is toughened, and is available several different options as shown below:

## Self Cleaning

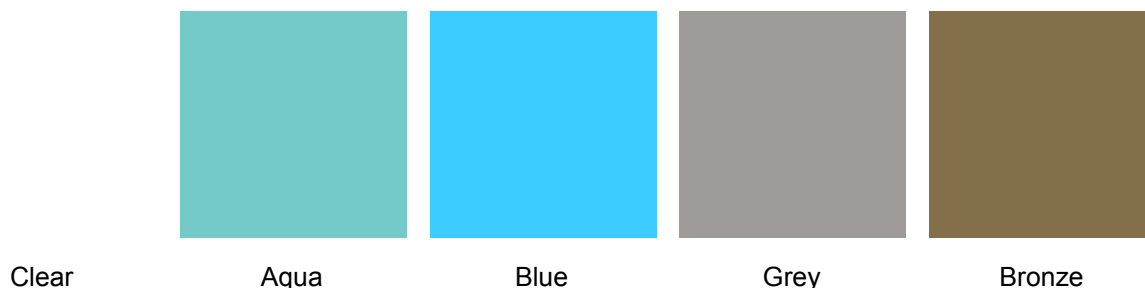
A coating that reacts with UV rays in sunlight to generate a photocatalytic process, that loosens and breaks down organic dirt particles on the surface of the glass. The surface of the coating is hydrophilic. Therefore, instead of forming droplets, it attracts water so that it spreads and forms a thin film that 'sheets' away quickly, and dries off without leaving unsightly 'drying spots'. Self cleaning glass leaves less dirt and grime adhering to the glass resulting in the glass staying cleaner for longer, meaning less maintenance is needed.

## Solar Control

As its name suggests, solar control glass helps regulate the amount of solar energy that enters a building. Solar control glass saves money by reducing the amount of energy used by heating and air conditioning systems, and boosts comfort levels inside the building by controlling indoor temperatures and light levels.

## Tint Colour

Roof glass is available in 5 different tint colours as shown below:



Clear

Aqua

Blue

Grey

Bronze



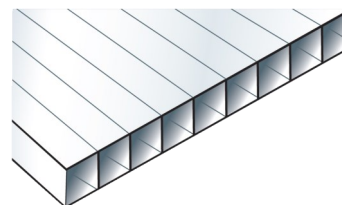
# Polycarbonate

Polycarbonate has long been the material of choice for roof glazing. It offers an exceptional strength to weight ratio and is easy to cut on site. A cutting service is also available. Choose from the thicknesses below, and the colours shown at the bottom of the page.

## 10mm Twinwall

A great product for applications where insulation is not a priority. The 10mm Twinwall sheet offers excellent value for money.

1.7kg/m<sup>2</sup>  
3.0 U Value

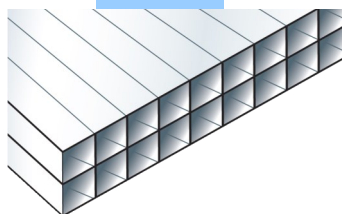


LENGTH ↓ / WIDTH →	2m	2.5m	3m	3.5m	4m	5m	6m	7m
700mm	P107002	P1070025	P107003	P1070035	P107004	P107005	P107006	P107007
900mm	P109002	P1090025	P109003	P1090035	P109004	P109005	P109006	P109007
1050mm	P1010502	P10105025	P1010503	P10105035	P1010504	P1010505	P1010506	P1010507
1200mm	P1012002	P10120025	P1012003	P10120035	P1012004	P1012005	P1012006	P1012007
1400mm	P1014002	P10140025	P1014003	P10140035	P1014004	P1014005	P1014006	P1014007
2100mm	P1021002	P10210025	P1021003	P10210035	P1021004	P1021005	P1021006	P1021007

## 16mm Triplewall

The 16mm sheet range offers better insula-

2.7kg/m<sup>2</sup>  
2.3U Value

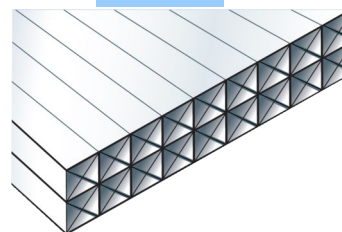


LENGTH ↓ / WIDTH →	2m	2.5m	3m	3.5m	4m	5m	6m	7m
700mm	P167002	P1670025	P167003	P1670035	P167004	P167005	P167006	P167007
900mm	P169002	P1690025	P169003	P1690035	P169004	P169005	P169006	P169007
1050mm	P1610502	P16105025	P1610503	P16105035	P1610504	P1610505	P1610506	P1610507
1200mm	P1612002	P16120025	P1612003	P16120035	P1612004	P1612005	P1612006	P1612007
1400mm	P1614002	P16140025	P1614003	P16140035	P1614004	P1614005	P1614006	P1614007
2100mm	P1621002	P16210025	P1621003	P16210035	P1621004	P1621005	P1621006	P1621007

## 25 & 35mm Multi-wall

The 25 & 35mm sheets offer levels of insulation required for use over heated living space

**25mm**  
3.4kg/m<sup>2</sup>  
1.7 U Value  
**35mm**  
3.9kg/m<sup>2</sup>  
1.5 U Value



LENGTH ↓ / WIDTH →	2m	2.5m	3m	3.5m	4m	5m	6m	7m
700mm	P257002	P2570025	P257003	P2570035	P257004	P257005	P257006	P257007
800mm	P258002	P2580025	P258003	P2580035	P258004	P258005	P258006	P258007
900mm	P259002	P2590025	P259003	P2590035	P259004	P259005	P259006	P259007
1050mm	P2510502	P25105025	P2510503	P25105035	P2510504	P2510505	P2510506	P2510507
1200mm	P2512002	P25120025	P2512003	P25120035	P2512004	P2512005	P2512006	P2512007
1400mm	P2514002	P25140025	P2514003	P25140035	P2514004	P2514005	P2514006	P2514007
2100mm	P2521002	P25210025	P2521003	P25210035	P2521004	P2521005	P2521006	P2521007

35mm available in all the above sizes excluding 800 & 900mm sheet widths, replace P25 in the product code with P35



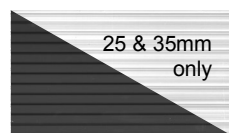
Clear



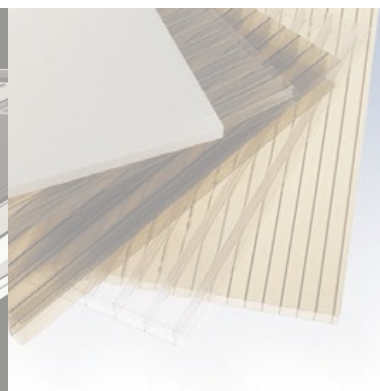
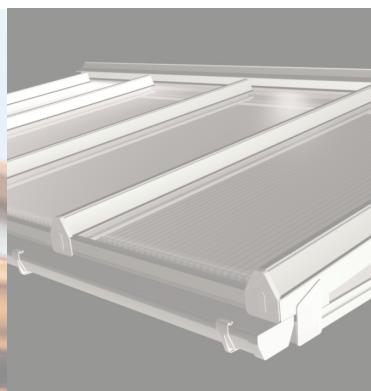
Opal



Bronze



Solarguard



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Fax: 0845 021 4444

Web [www.edgebp.co.uk](http://www.edgebp.co.uk)