

# SIMPLICITY 16

The Simplicity 16 is a cost-effective aluminium and polycarbonate shade and shelter system. The frame is completely manufactured from aluminium with stainless steel fixings and it is covered with 16mm structured polycarbonate that is vandal and shatter resistant making it perfect for use as a carport.



<b>Projection</b>	Up to 4m
<b>Length</b>	Unlimited
<b>Post Spacings*</b>	4m Maximum
<b>Roof Bar Spacings**</b>	Max 1050mm
<b>Inset Posts</b>	Up to 750mm at each end
<b>Min Pitch</b>	2.5 degrees
<b>Max Pitch</b>	22.5 degrees
<b>Roof Sheet Options</b>	16mm Clear Poly 16mm Bronze Poly 16mm Opal Poly 16mm HeatShield Poly

\* Post spacings will vary on projection.

\*\* Bar spacings will vary depending on the projection.

## Standard Colours



RAL 7016  
Anthracite Grey  
Fine Textured



RAL 9016  
White  
Semi-Gloss



RAL 9005  
Jet Black  
Fine Textured



# Features & Benefits

## 16mm Structured Polycarbonate Panels:

Available in Clear, Bronze or Opal as Standard with an optional upgrade for 16mm HeatShield.

- Highly robust – Naturally strong with high impact resistance
- UV Resistance – Minimal long-term yellowing while offering natural lighting
- Lightweight – Sheet weight just 7 kg/m<sup>2</sup>
- Heat Reflecting Properties – Reduces solar gain by up to 50%
- Fire Performance – BS476: Part 7: CLASS 1Y
- 10 year warranty – For peace of mind on your projects

When measured, light transmission is the percentage of light passing through glass or other materials such as polycarbonate reducing heat depending on the application.

Colour	Clear	Bronze Tint	Opal Tint	HeatShield (EG)
Light Transmission	77% LF	18% LF	42% LF	20% LF
Heat Transmission	73% SF	44% SF	47% SF	19% SF

## Victorian Upgrade:

The Simplicity 16 is available with the Victorian Upgrade. This enhances your structure with a decorative design, perfect for traditional buildings.

## Integral Aluminium Guttering:

Creates a sleek, modern design which is stronger than external guttering systems and saves time on installation.

## Low Maintenance:

No need for repainting throughout the life of the veranda, a simple clean and removal of debris from the integral gutter is all that's required.

## Full 10 Year Guarantee:

The Simplicity 6 is supplied with a full 10 year guarantee and a 60 year life expectancy for the canopy frame.



Victorian Option



LED Lighting



Glass Sliding Doors



Infrared Heaters

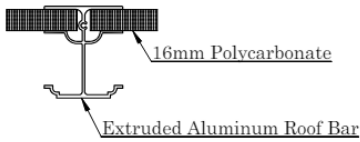
## Upgrades

- **Infrared Heaters** (Silver, Rose Gold and Black)
- **LED Strip lighting** in the Gutter only
- **Victorian Upgrades** – Gallows Brackets and Base Castings for that Victorian look – used only with the 75 x 70 posts
- **Glass Sliding Doors and Fixed Frames** – Create a Glass Room with sliding Doors and Fixed Frames
- **NEW Shading** - Manual Under Blind or Electric Roller Blind available
- **NEW Privacy Screens** - Our 240mm Interlocking Boards can create a cost-effective privacy solution

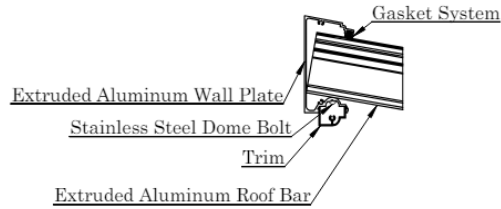
# Technical Drawings

## PRODUCT DETAIL

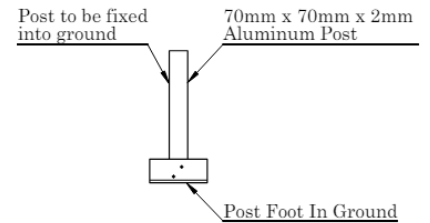
Roof Bar & Sheet Section



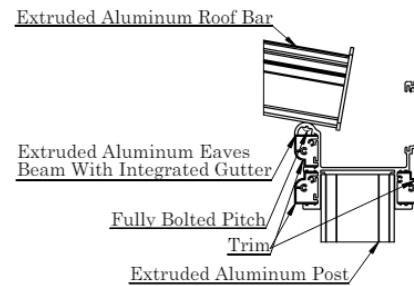
Wall Plate & Roof Bar Section



Base & Post Connection Information



Eaves Beam Roof Bar & Post Section



## Material List & Component Information

1. The canopy wall plate is an extruded aluminium profile which fixes to the wall or steel bracket.
2. This canopy uses 16mm polycarbonate clear roofing panels with tinted or coloured options available as upgrades.
3. This canopy made with a T6 grade structural aluminium frame.
4. The frame of the canopy is made from aluminium profiles with post options of 70 x 75mm 70 x 70mm and 100 x 70mm. The frame is powder coated.

**Please note:** This is a standardised product data sheet and is subject to change depending on individual cases, or site specific surveys. Specific drawings are available upon request or on receipt of an order.