

SIMPLICITY 35



Creating all year round weather protection



Ideal for sun or rain protection in:

- Schools • Colleges • Restaurants • Local Authority Buildings • Commercial Properties
- Warehouses.

The **Simplicity 35** is a heavy duty aluminium framed structure featuring a robust 35mm structured polycarbonate roof.

- Available in projections up to 6m and can be manufactured to any length.
- Powdercoated in white as standard but available in any BS or RAL colour code.
- Features an integral gutter system.
- Our 35mm, 7 wall polycarbonate is amongst the strongest you can buy.

Technical specifications

The **SIMPLICITY 35** is manufactured to order with a typical lead time of 3-6 weeks.

The framework is finished in white as standard with the option to powdercoat the structure to any BS or RAL colour.

- **Fully Aluminium System** – including heavy duty structural aluminium roof bars for ultimate strength
- **Stainless Steel Fixings** – all of the fixings are 316 marine grade stainless steel for longevity and total resistance to corrosion
- **Integral Aluminium Guttering** – saves time on installation and creates a robust and attractive guttering system
- **35mm Structured Polycarbonate** – our 7 wall polycarbonate is amongst the strongest you can buy. Available in Clear • Opal • Bronze.
- **Fire Performance** – polycarbonate panels benefit from excellent fire performance meeting BS476 Part 7 Class 1, EN13501 and B-s1, d0
- **Robust Roofing System** – the roofing system is strong enough to be walked on as a means of escape and maintenance, with the use of boards (edge protection recommended)
- **High UV Protection** – a layer of UV absorber is co-extruded on the outer surface of the roof panels which prevents damaging UV radiation from penetrating the sheet and protects those underneath from the sun. UV protection also prevents yellowing and loss of strength to the panel, giving it longer life
- **Variable Roof Pitch** – the roof has a variable pitch of between 2.5° – 45°
- **Large Projection** – projection of up to 6 metres to create large shaded areas if required
- **Unlimited Length** – this structure can be constructed to any length to suit requirements

Information of the design load and maximum span limits is available on request

Projections up to 6m

POST SPACING

Projection: Up to 4m 4.1m-6m

Spacing: 3.5m 3m

GLAZING BARS SPACING

Projection: Up to 4.5m 4.5m-5.3m 5.301-6m

Spacing: 1250mm 700mm 500mm

PITCH

From 2.5 degrees to 45 degrees

These are general calculations, once we understand your requirements we will perform an assessment for wind and snow loadings based on your postcode.



Roof Bar & Sheet Section

