

When designing your conservatory, the choice of a glass or polycarbonate roof is an important one. To enable you to use your conservatory all year round, you need a glazing material that deflects heat from the sun in the Summer and retains the warmth from heating appliances in the Winter. You may also want a material that allows maximum light into your home.

### GLASS

Conservaglass Optimum is an excellent choice, offering a great combination of these factors plus an easy clean coating.

### POLYCARBONATE

Polycarbonate is a lower cost alternative to glass and it can be treated to offer excellent solar protection and thermal properties, but, until now, this has been at the cost of light transmission.

Ultraframe Polyspan Optimum is a revolutionary new polycarbonate that has the best solar control in combination with light transmission available on the market today. It is available in blue or grey with all Ultraframe roofing systems.

## Product features and benefits

- Blocks over 80% heat from the sun and allows much more light through
- Exclusive to Ultraframe
- Available on all Ultraframe roofs in blue and grey
- 25mm
- UV coated on both sides so it cannot be installed upside down

## Technical specification

	<i>Solar Control</i> (keep heat out)	<i>U Value</i> (retains warmth)
<b>Conservaglass</b>	0.35	1.1
<b>25mm Polycarbonate</b>		
Standard (Clear)	0.75	1.6
Standard (Opal)	0.45	1.6
Standard (Bronze)	0.39	1.6
Standard (Bronze Opal)	0.36	1.6
Heatguard Polycarbonate	0.26	1.6
<b>Polyspan Optimum blue</b>	<b>0.18</b>	<b>1.5</b>
<b>Polyspan Optimum grey</b>	<b>0.16</b>	<b>1.5</b>

The measurements explained-

#### *Solar Control*

A measure of 0.16 means the material lets 16% of the sun's energy through, i.e. 84% is blocked, so the lower the value the better.

#### *U Value*

A measure of how well the material retains heat, the lower the figure the more efficient as heat is retained for longer.



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# Polyspan Optimum

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world class conservatory systems