

Eco-Lite™

conservatory glazing solutions

Eco-Lite™ Activ-Sunshade Blue

Self Cleaning + Solar Control

Eco-Lite™ Activ-Sunshade Blue glass is suited to conservatory roof applications where access to cleaning is either difficult or dangerous. It also allows for greater use of glass in roofs, by helping to reduce glare and excessive heat build up where it is needed the most.

Featuring an innovative, self clean coating, photocatalytic and hydrophilic properties break down and wash away dirt from the surface of the glass, allowing for less frequent cleaning.

With an attractive, subtle blue tint, Eco-Lite™ Activ-Sunshade Blue reduces glare and blocks up to 80% of heat by reflecting it away, helping to keep the room interior cooler. Its thermal insulation properties allows for a more comfortable environment during winter months.

<p>Low Maintenance Cleaning</p>	<p>Reduced Glare</p>
<p>Heat Reflection</p>	<p>UV 93%</p>



Activ-Sunshade Blue tinted roof glass with low-maintenance Self-Cleaning and Solar Control

	% Heat Reflection	% Light Transmittance	% Glare Reduction	% U-Value
4mm Activ Sunshade Blue / 16mm Gas / 4mm Softcoat 1.0	80	27	73	1.0
4mm Activ Sunshade Blue / 16mm Gas / 4mm Softcoat	76	28	72	1.2

Eco-Lite™ Activ-Blue

Self Cleaning + Solar Control

Eco-Lite™ Activ-Blue is the ideal choice for conservatory roof construction. The subtle blue tint offers aesthetic appeal and optimum performance.

The glass features dual-action, self-cleaning properties with solar control performance for a cooler internal environment.

Keeping your conservatory cooler in summer is integral to the enjoyment you'll get out of this new living space and Eco-Lite™ Activ-Blue helps keep internal temperatures cooler whilst still maintaining excellent light transmittance.

<p>Low Maintenance Cleaning</p>	<p>Reduced Glare</p>
<p>Heat Reflection</p>	<p>UV 88%</p>



A subtle blue tint with low-maintenance Self-Cleaning

	% Heat Reflection	% Light Transmittance	% Glare Reduction	% U-Value
4mm Activ Blue / 16mm Gas / 4mm Softcoat 1.0	67	50	50	1.0
4mm Activ Blue / 16mm Gas / 4mm Softcoat	61	52	48	1.2
4mm Activ Blue / 16mm Gas / 4mm Clear	55	53	47	2.6

Eco-Lite™ Activ-Sunshade Neutral

Self Cleaning + Solar Control

Eco-Lite™ Activ-Sunshade Neutral is an attractive glass option with a slight grey tint for reduced glare. The glass features dual-action, self-cleaning properties with solar control performance for a cooler internal environment.

Boasting solar control performance, Eco-Lite™ Activ-Sunshade Neutral helps keep temperatures cool in the summer, whilst maintaining excellent light transmittance. Eco-Lite Activ-Sunshade Neutral also uses UV rays and natural rainwater to break down and wash away organic dirt from the outside so you can maintain the cleanliness of your glass with minimal effort.



Low Maintenance Cleaning	Reduced Glare
Heat Reflection	UV 83%

Bring the outdoors inside with Activ-Sunshade Neutral

	% Heat Reflection	% Light Transmittance	% Glare Reduction	% U-Value
4mm Activ Sunshade Neutral / 16mm Gas / 4mm Softcoat 1.0	68	42	58	1.0
4mm Activ Sunshade Neutral / 16mm Gas / 4mm Softcoat	59	44	56	1.2
4mm Activ Sunshade Neutral / 16mm Gas / 4mm Clear	55	45	55	2.6

Eco-Lite™ Activ-Clear

Self Cleaning

A photocatalytic process is used on the coating of our Eco-Lite™ Activ-Clear which reacts with ultra-violet rays present in natural daylight to break down and disintegrate organic dirt.

The second stage occurs when rainwater hits the glass. Through its hydrophilic form, water droplets are formed over the surface of the glass as it runs off taking the dirt with it. Compared with conventional glass, the water also dries off very quickly without leaving unsightly drying spots.



Low Maintenance Cleaning	Reduced Glare
Heat Reflection	UV 72%

Clear glass with added low-maintenance Self-Cleaning

	% Heat Reflection	% Light Transmittance	% Glare Reduction	% U-Value
4mm Activ Clear / 16mm Gas / 4mm Softcoat 1.0	48	72	28	1.0
4mm Activ Clear / 16mm Gas / 4mm Softcoat	33	75	25	1.2
4mm Activ Clear / 16mm Gas / 4mm Clear	26	77	23	2.6

Eco-Lite™ Suncool One

Year round thermal control

Eco-Lite™ Suncool One 60/40 is a high performance glass, developed especially for glazing applications to offer excellent solar control properties, reduced glare and enhanced thermal insulation to ensure that the conservatory is kept cool in the summer and heated in the winter. Eco-lite™ Suncool One 60/40 is considered as a side wall glass for optimum comfort when combining with the Activ range for the roof panels, enabling all year round comfort when used throughout the conservatory.

In the warmer months, Eco-lite™ Suncool One 60/40 reflects the sun's energy which is particularly suited for south or west facing conservatories, helping to maintain a cooler temperature for a more comfortable environment during the summers months.

Through its thermal insulation properties, heat loss is reduced more effectively when using Eco-lite™ Suncool One 60/40 to keep the conservatory warmer in those winter months with a U Value of only 1.0. This results in a reduced heating and saving on your energy bills and improved carbon footprint, coupled with low internal reflection, reduced glare, and it helps to protect furnishings from harmful UV.



A new concept glass for year round comfort, keeping you warm in winter and cool in summer

Reduced Glare

Heat Reflection

UV

73%

	% Heat Reflection	% Light Transmittance	% Glare Reduction	% U-Value
4mm Suncool One 60/40 / 16mm Gas / 4mm Clear	57	61	39	1.0
4mm Softcoat 1.0 / 16mm Gas / 4mm Clear	46	72	28	1.0
4mm Softcoat / 16mm Gas / 4mm Clear	27	80	20	1.2

For any further technical information please refer to our website www.ncglass.com

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