





When considering a new or upgraded conservatory, specification of products to be used in it's construction: location, temperature control, maintenance, durability and aesthetics are all factors to take into account. As is choosing the right high performance roof glass; one of the most important elements in ensuring maximising use of a conservatory.

The Ambience range has been developed with world-leading glass manufacturers by TuffX, to ensure that a broad choice of specialist glass are available to cater for all tastes. These provide benefits including, self cleaning properties, and beautiful visual options to suit any property style and budget.

High specification  
Exciting tints  
Recognised quality

**TUFFX**  
GLASS MANUFACTURERS

Manufactured to  
EN 1279-2-3



*All statistics contained in this brochure relate solely to conservatory roof glass products. All additional components of the conservatory would need to be considered, as this may affect the overall performance of your conservatory. It is equally important to consider the correct choice for all side glazing, as this will also affect the performance of your conservatory.*



Image courtesy of Atlas  
Glazed Roof Solutions Ltd.



- Self-cleaning
- Sky blue light
- Cool interior tones

As its name suggests the Ambi-Blue glass roof option comes in a delicate blue tint and offers up to 60% reflection from the sun's solar rays.

As with the majority of glass within the Ambience range, Ambi-Blue is a self-cleaning glass, making this a striking option for any conservatory installation.

There are many advantages to installing this beautifully coloured roof glass including a 53% reduction from the sun's glare.

## Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self - Cleaning
Blue/Low E	1.2	60%	47%	✓
Blue/Clear	2.7	52%	52%	✓





# ambi-NEUTRAL

## SELF-CLEANING

- Self-cleaning
- Soft neutral tone
- U-values as low as 1.2



For those who prefer more neutral tones in their conservatory, choosing Ambi-Neutral, the least tinted roof glass in the range, provides a natural look to the finished room.

The advanced technology of this roof glass reflects 60% of the sun's solar heat, while reducing the sun's glare by 63%.

As with the majority of products in the Ambience range, Ambi-Neutral is a self-cleaning glass.

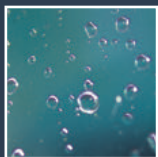
### Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self - Cleaning
Neutral/Low E	1.2	60%	37%	✓
Neutral/Clear	2.7	53%	45%	✓



*Image courtesy of Quantal*





### Self Cleaning Glass

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.



### U-Value

A measure of air-to-air heat transmission (loss or gain) due to thermal conductance, and the difference in indoor and outdoor temperatures. As the U-Value decreases, so does the amount of heat that is transferred through the glazing material. The lower the U-Value, the more restrictive the fenestration product is to heat transfer (Reciprocal of the R-Value). This is a critical function in that it makes it possible to strike an optimum balance between economy and ecology. The lower the U-Value, the more efficient the insulation.



### Solar Factor

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.



### Light Transmission

The measurement of light passing through glass. Too much light can create an uncomfortable environment with glare becoming a particular problem. Insufficient light transmittance can result in reduced visibility.

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The Ambience product range is manufactured by

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A comprehensive range of Ambience Conservatory Roof Glass marketing products are available upon request.

