

eco  
vitro

Replacement conservatory roofs



Make your conservatory the  
beautiful room it should be

- DO YOU WISH YOU COULD USE YOUR CONSERVATORY ALL YEAR ROUND?
- IS YOUR CONSERVATORY TOO COLD TO USE IN THE WINTER?
- IS YOUR CONSERVATORY TOO WARM IN THE SUMMER?
- IS YOUR CONSERVATORY TOO NOISY WHEN IT RAINS?
- WAS YOUR CONSERVATORY AN EXPENSIVE ADDITION TO YOUR HOME THAT YOU ARE UNABLE TO USE ALL YEAR ROUND?
- DO YOU WISH YOU COULD DO SOMETHING ABOUT THE SITUATION WITHOUT INCURRING GREAT EXPENSE?



The clear alternative to replacing your conservatory

If you can answer yes to any, or all, of the above questions then we can help.

If you invested in a conservatory believing it would add space to your home, you may have been disappointed because of heating and sound insulation issues. Polycarbonate roofs detract from the benefits of having a conservatory which you can use all year round. Many householders are concerned when their expensive outlay incurs high energy costs through keeping it at a comfortable temperature.

eco.vitro will provide the solutions you need at an affordable cost, and with minimal disruption to your lifestyle.

# From polycarbonate, to a thermally efficient glass roof

ecoVitro provides you with the elegant solution to make your original conservatory a versatile addition to your home. With our unique range of glazing roof options, ecoVitro will replace your noisy polycarbonate roof with thermally efficient glass. This will help to turn your conservatory into a beautiful room that will truly add value to your home.

ecoVitro is a SELF CLEANING, THERMAL GLASS option that can be fitted retrospectively with minimal disruption.

The glass has unique qualities which react to sunlight making the roof thermally efficient. This will help to maintain a more even temperature inside the conservatory, making it cooler in the summer and warmer in the winter. Additionally the ecoVitro range provides excellent sound insulation helping to reduce noise particularly when it rains.

Additionally ecoVitro has self cleaning properties that help to reduce maintenance and cleaning costs. The glass has a special coating which causes a reaction on the surface of the glass when it rains. This helps the cleaning process by preventing rain and water from forming into droplets, leaving unsightly marks on the glass. Any dirt that may have built up is washed away.

All conservatories can be instantly transformed to create a light, bright, practical room for your home.



Polycarbonate roof



Thermally efficient glass roof

ecoVitro replacement glass roofs will make your conservatory:

- Cooler in the summer
- Warmer in the winter
- Energy efficient
- Easy to maintain
- Less noisy when it rains
- Quite simply - a room for all seasons

# Convert your old polycarbonate flat roof into a classic Edwardian glass roof

Turn your tired, old, flat roofed conservatory into a beautiful room with a view

Conservatories can be an expensive addition to any home. The hidden costs involved with polycarbonate roofs can be exorbitant, with the need for additional heating, air-conditioning systems, blinds and electric fans, becoming essential requirements.

Frequently the conservatory becomes an expensive storage area, which is occasionally used as a room.

If you have a flat roof conservatory, and would love to change it, without too much expense, into an additional area that becomes part of your home, **ecoVitro** will supply a stylish replacement roof.

The Edwardian glass roof from **ecoVitro** provides a elegant alternative for flat roof conservatories. This has the same thermal and sound insulation benefits as all products in the **ecoVitro** range, and will transform a tired lean-to into a stunning room that can be used all year round.



Advantages include:

- Warmth in the winter
- Cooler temperatures in the summer
- Reduced solar glare
- Heat ventilation
- No need for additional expensive blinds

**ecoVitro** will replace your old conservatory roof with thermally efficient, cost effective, sparkling glass, adding style, elegance, value and space to your home.

# Glass Specifications

All <sup>eco</sup>vitro systems use high specification glass, such as the advanced Pilkington Activ range. Specifications are detailed below.

Product Range	Product	Tint	U-Value
Activ Blue	Solar Control/ Low E glass	Light blue	1.2
Activ Neutral	Solar Control/ Low E glass	Neutral	1.2

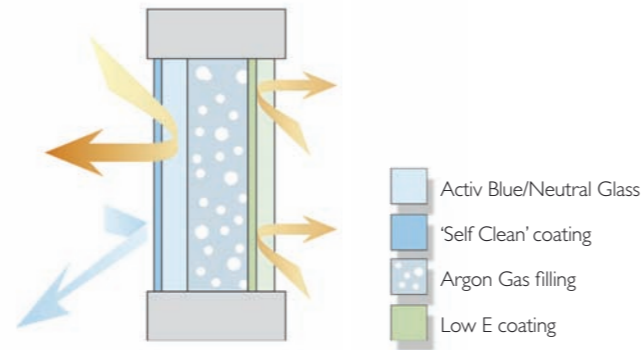
Argon Filled	Light Transmission	Solar Heat Reflection	Self Clean
Yes	49%	59%	Yes
Yes	49%	59%	Yes

[www.KeepupWorld.com](http://www.KeepupWorld.com)



# Technical Information

glass units have advanced features such as 'Self Clean' coating and Argon gas filling, providing excellent thermal efficiency allied to practicality and low maintenance.



Including vents into a re-designed <sup>eco</sup>vitro roof system, enables conservatories, which face full sunlight for extended periods, to remain cool by allowing warm air to escape.



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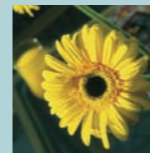
## Self Cleaning Glass

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". For more information visit: [www.KeepupWorld.com](http://www.KeepupWorld.com)



## 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.