

conservatory glass

Reflect the heat in summer

Retain the heat in winter

Minimise glare from the sun

Blocks 83% of UV rays

Self-cleaning glass

 synseal®

glass



Standard toughened roof glass

Low 'E' glass

Solar Control Low 'E' Body tinted glass bronze

Self cleaning Solar Control Low 'E' glass neutral or blue

absolutely
NO SURCHARGES
delivery, shape, energy or pitch
PAY ONLY FOR THE AREA USED

No longer just a Summer Room, today's conservatories are in use all year round. But heating and cooling can be expensive.

Synseal has the answer.

We have chosen four different types of roof glass to suit all locations and budgets. Synseal glass uses the latest technology to create a better looking conservatory and a more comfortable environment.

Choose from standard toughened roof glass, Low 'E', Low 'E' tinted or Low 'E' self cleaning glass in clear or blue for a total conservatory roof package.

roof glass

Synseal's roof glass is thermally toughened so it's much stronger than conventionally toughened glass making it ideal for conservatory roofs. It has a high resistance to impact from falling objects and carrying dead weight such as heavy snow loads. Should the roof glass be broken, it fragments into small pieces with dull edges making it much safer too.



low 'E' glass

Low 'E' glass has a thermally insulating coating to one face of the thermally toughened unit. It has up to three times more thermal insulation than standard units.

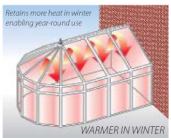
Reduces heating bills

Lower CO₂ emissions from reduced energy consumption

Eliminates cold spots around glazed areas

Reduces condensation on the inner pane

Promotes passive solar heat gain - free heat from the sun passes easily through the glass helping to warm in the winter





solar control self-cleaning glass

Top of the range is the high performance self cleaning solar control glass.

How it works

This glass reflects 62 per cent of the sun's rays back out of the building.

It offers twice as much solar heat reflection and more than double the heat insulation of standard double glazed units.

Self cleaning glass breaks down dirt and then washes it away.

First the UV rays from the sun activate the break down of organic dirt and stops mineral dirt sticking to the surface of the glass.

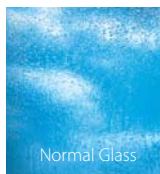
Then the clever coating on the glass doesn't allow rain or water to create surface tension so the dirt flows away freely. As water does not form into droplets on its surface you can see clearly out of your windows even when it is raining.

Additionally, when the water or rain evaporates it doesn't leave behind the usual dirty water droplet marks. So your glass stays cleaner for longer!

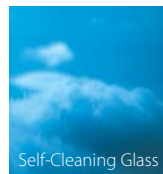
Only a small amount of sunlight is required to activate the coating so the self-cleaning function will work even on cloudy days. A simple rinse of water during dry spells will help keep windows clean. And because there's less frequent use of water and detergents it is more environmentally friendly.

The self cleaning coating is also applied as the glass is actually being manufactured. This means that it is fused into the surface and therefore lasts the lifetime of the pane of glass.

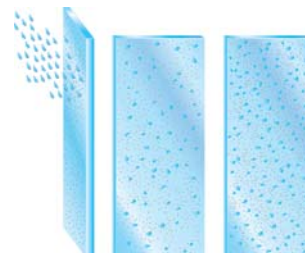
Unlike the spray on 'easy-clean' coatings which can wear off after a period of time and need to be re-applied.



Normal Glass

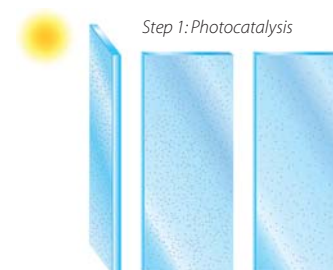


Self-Cleaning Glass



STANDARD GLASS

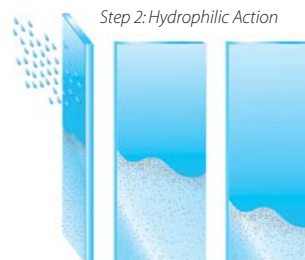
Water marks, dust and dirt stick to the surface of the glass



Step 1: Photocatalysis

SELF-CLEANING GLASS

The UV rays from the sun activate the break down of organic dirt and stops mineral dirt sticking to the surface of the glass.



Step 2: Hydrophilic Action

SELF-CLEANING GLASS

Then the clever coating on the glass doesn't allow rain or water to create surface tension so the dirt flows away freely



Add a tint...

solar control low 'E' body tinted glass - bronze

High performance low 'E' coatings, offering heat insulation, are combined with a bronze tint to offer a conservatory for all year round comfort.

By controlling the extremes of temperature and sunlight the Low 'E' body tinted glass offers a living space to use even on hot days or cold nights.

The bronze tint absorbs 45 per cent of the sun's rays to make the room cooler and more comfortable when exposed to sunlight. It also enhances the mood of the room with an attractive tint to the glazed units.

Glass options at a glance...

Glass options	Colour	Sound Insulation	Thermal Insulation	Solar Control	Self Cleaning
Standard toughened Roof glass	Neutral	●			
Low 'E' glass	Neutral	●	●		
Solar Control Low 'E' body tinted glass	Bronze	●	●	●	
Self Cleaning Solar Control Low 'E' glass	Neutral	●	●	●	●
Self Cleaning Solar Control Low 'E' glass	Blue	●	●	●	●