

# Pilkington Activ™



PRODUCT RANGE		DESCRIPTION	
Pilkington Activ™ Clear		Self-cleaning glass which reduces the need for regular maintenance	
Pilkington Activ™ Blue		Attractive blue tinted glass offering self-cleaning and solar control properties	
Pilkington Activ™ Neutral		Attractive neutral coloured glass offering self-cleaning and solar control properties	
FEATURES		BENEFITS	
PROCESS & PROPERTIES			
World's first true self-cleaning glass		Latest technology, exclusive, prestige product	
Dual action process		Pilkington Activ™ both breaks down organic dirt <u>and</u> helps it to be washed away	
Photocatalytic		Chemical reaction that uses UV light to break down and detach particles of organic dirt from the glass	
Hydrophilic		Water spreads evenly over the glass surface to form a thin film, helping to wash dirt away, and drying off quickly, therefore benefiting from reduced streaks	
Powered by nature, only a small amount of UV light is needed for Pilkington Activ™ to work		Your windows carry on cleaning themselves, even on cloudy days and throughout the night	
Solar control		Helps reduce heat build up, ensuring a comfortable environment year round, when used with a low E glass such as Pilkington <b>K Glass™</b>	
Permanent coating applied during manufacture		No need to re-apply coating during the lifetime of the unit	
THE DIFFERENCES YOU CAN SEE			
Rainwater sheets down the glass due to the hydrophilic action		Improved vision while raining, and afterwards, due to reduced streaking	
Less cleaning required		Saves time and money. Makes Pilkington Activ™ ideal for hard to reach glazing such as skylights	
With less cleaning, you also need less cleaning agents		More friendly to the environment than ordinary glass	
Windows stay cleaner longer		Your windows look good for longer	
High light transmission		Pilkington Activ™ is virtually indistinguishable from ordinary glass	
A clearer view due to hydrophilic properties		Reduced condensation	
THE REASSURANCE OF A PILKINGTON PRODUCT			
Created and manufactured by Pilkington		The reassurance of the world's leading glassmaker	
Toughenable product		Can be toughened on demand for safety and strength	
Can be combined with other products in the Pilkington range		Gives you the option of using your windows to improve energy efficiency, reduce noise, increase security etc.	

The table below gives a simple comparison between standard double glazing, polycarbonate, and high performance Pilkington **Activ™** conservatory options.

	Normal double glazing	25mm Polycarbonate	4mm Pilkington <b>Activ™</b> Blue 16mm Argon filled cavity* 4mm Pilkington <b>K Glass™</b>	4mm Pilkington <b>Activ™</b> Blue 16mm Argon filled cavity* 4mm Pilkington <b>Optitherm™</b> SN	4mm Pilkington <b>Activ™</b> Neutral 16mm Argon filled cavity* 4mm Pilkington <b>K Glass™</b>	4mm Pilkington <b>Activ™</b> Neutral 16mm Argon filled cavity* 4mm Pilkington <b>Optitherm™</b> SN
Light	81%	68%	49%	51%	42%	44%
Total Solar Radiant Heat Transmittance, g	0.76	0.55	0.41	0.37	0.43	0.38
U-Value	2.7	1.75	1.5*	1.2*	1.5*	1.2*
Dual Action Self-Cleaning External Surface	<b>X</b>	<b>X</b>	✓	✓	✓	✓

\*Based on 90% gas fill.



**PILKINGTON**  
NSG Group Flat Glass Business

**Pilkington United Kingdom Limited**  
Prescot Road St Helens WA10 3TT  
Tel 01744 692000 Fax 01744 692880  
[www.pilkington.co.uk/selfcleaningglass](http://www.pilkington.co.uk/selfcleaningglass)