



Pilkington **Activ**™

PRODUCT RANGE	DESCRIPTION
Pilkington Activ ™ Clear	Self-cleaning glass which reduces the need for regular maintenance
Pilkington Activ ™ Bronze	Attractive bronze tinted glass offering self-cleaning and solar control properties
Pilkington Activ ™ Blue	Subtle blue glass offering self-cleaning and solar control properties
Pilkington Activ SunShade ™ Neutral	Attractive neutral coloured glass offering self-cleaning and superior solar control properties
Pilkington Activ SunShade ™ Blue	Strong blue coloured glass offering self-cleaning and superior solar control properties

FEATURES	BENEFITS
PROCESS & PROPERTIES	
World's first true self-cleaning glass	The first glass to be independently tested for self-cleaning performance.
Dual action process	Pilkington Activ ™ both breaks down organic dirt and 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 K Glass ™
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 United Kingdom Limited	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.

Product	Light Transmittance	Solar Heat Rejection	Colour	U _g value [W/m ² K]	Self-Cleaning Properties
Uncoated double glazing 4 mm / 12 mm air / 4 mm	0.82	21%	Clear	2.8	N
25 mm polycarbonate	0.68	45%	Clear	1.75	N
Double Insulating Glass Unit construction (with 4 mm Pilkington Optitherm ™ S1 Plus inner pane 16 mm 90% argon filled cavity)					
Pilkington Activ SunShade ™ Blue	0.19	83%	Blue	1.0	Y
Pilkington Activ SunShade ™ Neutral	0.39	71%	Neutral*	1.0	Y
Pilkington Activ ™ Blue	0.44	67%	Blue	1.0	Y
Pilkington Activ ™ Bronze	0.45	68%	Bronze	1.0	Y
Pilkington Activ ™ Clear	0.66	N/A	Clear	1.0	Y

Pilkington **Activ**™ is a durable online coating applied to the surface during float glass manufacture.

Pilkington **Activ SunShade**™ is a combination of the Pilkington **Activ**™ online coating on surface 1 with an additional offline coating on surface 2, which provides superior solar control.

This publication provides only a general description of the products. Further, more detailed, information may be obtained from your local supplier of Pilkington products. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, codes of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it. Pilkington "Activ", "Activ SunShade", "K Glass" and "Optitherm" are trademarks owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



CE marking confirms that a product complies with its relevant harmonised European Norm.

The Declaration of Performance for each product, including declared values, can be found at www.pilkington.com/CE



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