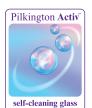


## Pilkington Activ<sup>™</sup> Neutral Self-Cleaning Solar Control Glass



Attractive blue or neutral self-cleaning glass, with solar control performance for a cooler internal environment.

Specially designed for conservatories, conservatory roof replacements and large glazed areas, Pilkington Activ™ Blue and Pilkington Activ™ Neutral use daylight and rainwater to break down and wash away organic dirt from exterior surfaces. The attractive tint of Pilkington Activ™ Blue helps keep internal temperatures cooler whilst still maintaining excellent light

transmittance. Pilkington  $Activ^{\bowtie}$  Neutral also combines outstanding solar control performance with excellent light transmittance. For optimum self-cleaning and thermal performance, combine Pilkington  $Activ^{\bowtie}$  Blue or Pilkington  $Activ^{\bowtie}$  Neutral with Pilkington K Glass $^{\bowtie}$  in an Insulating Glass Unit.



## Pilkington Activ<sup>™</sup> Blue and Pilkington Activ<sup>™</sup> Neutral

	Light		Solar Radiant Heat				Shading Coefficient			U value (W/m²k)	
	Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance	Short Wavelength	Long Wavelength	Total		
Pilkington Activ™ Blue Single Glazing Performance											
4 mm	0.59	0.15	0.44	0.13	0.43	0.55	0.51	0.12	0.63	5.8	
6 mm	0.49	0.14	0.33	0.12	0.55	0.47	0.38	0.16	0.54	5.7	
10 mm	0.35	0.13	0.21	0.12	0.67	0.38	0.24	0.20	0.44	5.6	
Insulating Glass Unit (with 4 mm Pilkington Activ <sup>™</sup> Blue outer pane and 16 mm cavity)										Air	Argon*
4 mm Pilkington <b>Optifloat™</b> inner pane	0.53	0.18	0.38	0.15	0.47	0.45	0.44	0.08	0.52	2.7	2.6
4 mm Pilkington <b>K Glass</b> ™ inner pane	0.49	0.19	0.33	0.16	0.51	0.41	0.38	0.09	0.47	1.7	1.5
4 mm Pilkington <b>Optitherm</b> ™ S4 Plus inner pane	0.52	0.17	0.33	0.16	0.51	0.40	0.38	0.08	0.46	1.4	1.2
Insulating Glass Unit (with 4 mm Pilkington Activ™ Neutral outer pane and 16 mm cavity)										Air	Argon*
4 mm Pilkington <b>Optifloat</b> ™ Clear inner pane	0.45	0.30	0.40	0.24	0.36	0.47	0.46	0.08	0.54	2.7	2.6
4 mm Pilkington K Glass™ inner pane	0.42	0.31	0.35	0.25	0.40	0.43	0.40	0.10	0.50	1.7	1.5
4 mm Pilkington <b>Optitherm™</b> S4 Plus inner pane	0.44	0.29	0.34	0.26	0.40	0.41	0.39	0.08	0.47	1.4	1.2

<sup>\*90%</sup> Argon gas fill. Figures based on EN 410 (90% Argon gas fill) and EN 673.

## **Benefits**

- Attractive blue or neutral colour offers excellent aesthetics and optimum performance
- Neutral coating gives a slightly grey appearance which helps reduce transmission of light and heat from the sun
- Excellent solar control performance combined with good light transmission
- Uses daylight and rainwater to break down and wash away organic dirt from the exterior of the glass
- Works even on cloudy days and during the night
- Pilkington Activ™ coating lasts the lifetime of the IGU
- Easily cleaned during dry spells by hosing down
- Low exterior reflection improves aesthetics of the conservatory

- Easily stocked and fabricated into Insulating Glass Units in annealed and toughened forms, ensuring speedy delivery
- Pilkington Activ™ Blue is available in 4 mm, 6 mm and 10 mm thicknesses
- Pilkington Activ™ Neutral is available in 4 mm and 6 mm thickness only
- Can be combined with low-e glass (Pilkington K Glass<sup>™</sup>, or Pilkington Optitherm<sup>™</sup> S4 Plus) and argon gas for the ultimate conservatory glazing
- Neutral appearance in transmission and reflection makes
   Pilkington Activ<sup>™</sup> Neutral ideal for use in both walls and roofs of conservatories
- Pilkington Activ<sup>™</sup> Blue is ideal for conservatory roofs and can be combined with Pilkington Activ<sup>™</sup> Clear in the vertical areas.
   See separate literature for Pilkington Activ<sup>™</sup> Clear.

The Pilkington Activ™ range must always be processed, installed and maintained in accordance with our specialist Handling and Processing instructions for Pilkington Activ™ For more information on the Pilkington Activ™ range please visit www.pilkington.co.uk/selfcleaningglass

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.

Due to print limitations imagery is for illustration purposes only. For exact colouration, please request a sample from your local supplier.



CE marking confirms that a product complies with its relevant harmonised European Norm. The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE



Building Products - UK

Prescot Road St Helens WA10 3TT United Kingdom Telephone 01744 692000 Fax 01744 692880 pilkington@respond.uk.com www.pilkington.co.uk