



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



PILKINGTON
NSG Group Flat Glass Business

Pilkington Activ™ Blue and Pilkington Activ™ 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™ Blue outer pane and 16 mm cavity)										Air	Argon*
4 mm Pilkington Optifloat™ 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 K Glass™ 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 Optitherm™ 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 Optifloat™ 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 Optitherm™ 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

*90% 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™**, or Pilkington **Optitherm™ S4 Plus**) and argon gas for the ultimate conservatory glazing
- Neutral appearance in transmission and reflection makes Pilkington Activ™ Neutral ideal for use in both walls and roofs of conservatories
- Pilkington Activ™ Blue is ideal for conservatory roofs and can be combined with Pilkington Activ™ Clear in the vertical areas. See separate literature for Pilkington Activ™ 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

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