



Pilkington Activ™ Blue Self-cleaning Solar Control Glass

Pilkington Activ™



self-cleaning glass

The attractive blue glass that combines dual-action, self-cleaning properties with solar control performance for a cooler internal environment.

Specially designed for conservatories, conservatory roof replacements and large glazed areas, Pilkington Activ™ Blue is a revolutionary new glass that is perfect for use in both the roof and verticals. It uses daylight and rainwater to break down and wash away organic dirt from exterior surfaces, making it ideal for hard to reach places that are difficult to clean. Its unique blue colour also helps keep internal temperatures cooler whilst still maintaining excellent light transmittance. For optimum self-cleaning and thermal performance, combine Pilkington Activ™ Blue with Pilkington K Glass™ in an Insulating Glass Unit.



PILKINGTON
NSG Group Flat Glass Business

Pilkington Activ™ Blue

	Light		Solar Radiant Heat				Shading Coefficient			U value (W/m²k)	
	Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance	Short wavelength	Long wavelength	Total		
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 Performance – (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 inner pane	0.51	0.17	0.31	0.17	0.52	0.38	0.36	0.08	0.44	1.4	1.2

*90% Argon gas fill. Figures based on EN 410 (90% Argon gas fill) and EN 673.



Pilkington Activ™ Blue must always be processed, installed and maintained in accordance with our specialist Handling and Processing instructions for Pilkington Activ™.

Benefits

- Attractive blue colour offers excellent aesthetics and optimum performance
 - 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 glass
 - 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
 - Available in 4 mm, 6 mm and 10 mm thicknesses
 - Can be combined with Low-E glass (Pilkington K Glass™, or Pilkington Optitherm™ S4) and argon gas for the ultimate conservatory roof unit
- Please visit www.pilkington.co.uk/selfcleaningglass for more information

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Pilkington Activ™ Neutral Self-cleaning Solar Control Glass



The attractive neutral coloured glass that combines dual-action, self-cleaning properties with solar control performance for a cooler internal environment.

Specially designed for conservatories, conservatory roof replacements and large glazed areas, Pilkington Activ™ Neutral is a revolutionary new glass that is perfect for use in both the roof and verticals.

It uses daylight and rainwater to breakdown and wash away organic dirt from exterior surfaces, making it ideal for hard to clean areas and giving you a year-round clearer view of your garden when used in conservatory verticals. Its unique solar control coating also helps keep internal temperatures cool whilst still maintaining excellent, neutral light transmittance. For optimum self-cleaning and thermal performance, combine Pilkington Activ™ Neutral with Pilkington K Glass™ in an Insulating Glass Unit.



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Pilkington Activ™ Neutral

	Light		Solar Energy				Shading Coefficient			U value (W/m²K)	
	Transmittance	Reflectance (external)	Direct Transmittance	Reflectance	Absorptance	Total Transmittance	Short Wavelength	Long Wavelength	Total	Air	Argon
Insulating Glass Unit with 16 mm cavity and 4 mm Pilkington Activ™ Neutral outer pane											
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	0.09	0.49	1.7	1.5
4 mm Pilkington Optitherm™ S4 inner pane	0.44	0.29	0.32	0.27	0.41	0.39	0.37	0.10	0.45	1.4	1.2

Argon gas filled IGUs based on 90% gas fill determined in accordance with EN410 and EN673.



Benefits

- Neutral appearance offers attractive aesthetics and optimum performance
- Excellent solar control performance combined with good light transmission
- Uses daylight and rainwater to breakdown dirt 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 glass
- Easily cleaned during dry spells by hosing down
- Neutral appearance in transmission and reflection makes Pilkington Activ™ Neutral ideal for use in both the walls and roofs of conservatories
- Coating gives slightly darker appearance which helps reduce transmission of light and heat from the sun
- Easily stocked and fabricated into Insulating Glass Units in annealed and toughened forms, ensuring speedy delivery
- Available in 4 mm and 6 mm thickness
- Can be combined with Low-E glass (Pilkington K Glass™ or Pilkington Optitherm™ S4) and argon gas for the ultimate in conservatory glazing

Pilkington Activ™ Neutral must always be processed, installed and maintained in accordance with our specialist Handling and Processing instructions.

Please visit www.pilkington.co.uk/selfcleaningglass for more information.

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