



Pilkington Arctic Blue™ High Performance Tinted Glass

The cool blue glass that creates a comfortable interior without sacrificing natural light.

The ideal shade of blue for cool comfort, Pilkington Arctic Blue™ is a unique tinted float glass offering high daylight transmittance and good solar control.

For optimum solar and thermal performance, combine Pilkington Arctic Blue™ with Pilkington Optitherm™ SN or Pilkington K Glass™ in an insulating glass unit.



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Pilkington Arctic Blue™ – High Performance Tinted Glass

	Light		Solar Radiant Heat				Shading Coefficient			U value (W/m²K)	
	Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance	Short wavelength	Long wavelength	Total	Air	Argon
Single Glazing Performance											
4mm	0.64	0.06	0.48	0.06	0.46	0.60	0.55	0.14	0.69	5.8	n/a
6mm	0.54	0.06	0.37	0.05	0.58	0.52	0.43	0.17	0.60	5.7	n/a
8mm	0.46	0.05	0.29	0.05	0.66	0.46	0.33	0.19	0.52	5.7	n/a
10mm	0.38	0.05	0.23	0.05	0.72	0.42	0.26	0.22	0.48	5.6	n/a
Performance in Pilkington Insulight™ Sun IGU – (6mm Pilkington Arctic Blue™ outer pane and 16mm cavity)											
6mm Pilkington Optifloat™ inner pane	0.48	0.08	0.31	0.06	0.63	0.40	0.36	0.10	0.46	2.7	2.6
6mm Pilkington K Glass™ inner pane	0.44	0.09	0.27	0.07	0.66	0.36	0.31	0.10	0.41	1.7	1.5
6mm Pilkington Optitherm™ SN inner pane	0.47	0.07	0.26	0.07	0.67	0.33	0.30	0.08	0.38	1.4	1.2

The above performance data has been determined in accordance with EN410 and EN673.
The U value for Argon gas-filled IGUs has been based on 90% gas fill.



Benefits

- Rich blue colour is cool and distinctive, offering unique aesthetics and innovative design properties.
- Excellent solar characteristics when compared to traditional tinted float glass, without sacrificing daylight transmittance.
- High visibility means Pilkington **Arctic Blue™** provides a pleasant view from the interior.
- Low exterior reflectance makes Pilkington **Arctic Blue™** ideal for use when low external glare is a priority.
- Easily fabricated into insulating glass units in annealed and toughened forms.
- Available in 4mm, 6mm, 8mm and 10mm thicknesses.
- Available in standard European sizes of 6000 x 3210 or 3210 x 2250 (loose).



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.



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