



Pilkington Activ™ Blue Self-cleaning Solar Control Glass

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

Specially designed for the optimum roof unit, Pilkington Activ™ Blue is a revolutionary new glass that is perfect for use in conservatories. It uses daylight and rainwater to breakdown 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 cool whilst still maintaining excellent light transmittance.

For optimum self-cleaning and thermal performance, combine Pilkington Activ™ Blue with Pilkington K Glass™ or Pilkington Optitherm™ SN in an Insulating Glass Unit.



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| | Light | | Solar Radiant Heat | | | | Shading Coefficient | | | U value (W/m²k) | |
|---|---------------|-------------|----------------------|-------------|-------------|---------------------|---------------------|------------------|-------|-----------------|-------|
| | Transmittance | Reflectance | Direct Transmittance | Reflectance | Absorptance | Total Transmittance | Short wave-length | Long wave-length | Total | | |
| Single Glazing Performance | | | | | | | | | | | |
| 4mm | 0.59 | 0.15 | 0.44 | 0.13 | 0.43 | 0.55 | 0.51 | 0.13 | 0.64 | 5.8 | |
| 6mm | 0.49 | 0.14 | 0.33 | 0.13 | 0.54 | 0.47 | 0.38 | 0.16 | 0.55 | 5.7 | |
| 10mm | 0.35 | 0.13 | 0.21 | 0.12 | 0.68 | 0.38 | 0.24 | 0.20 | 0.44 | 5.6 | |
| Insulating Unit Performance – (4mm Pilkington Activ™ Blue outer pane and 16mm airspace) | | | | | | | | | | Air | Argon |
| 4mm 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 |
| 4mm Pilkington K Glass™ inner pane | 0.49 | 0.19 | 0.33 | 0.16 | 0.51 | 0.41 | 0.38 | 0.10 | 0.48 | 1.7 | 1.5 |
| 4mm Pilkington Optitherm™ SN inner pane | 0.52 | 0.17 | 0.30 | 0.17 | 0.53 | 0.37 | 0.35 | 0.08 | 0.43 | 1.4 | 1.2 |



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 4mm, 6mm and 10mm thicknesses
- Can be combined with low E glass (Pilkington K Glass™ or Pilkington Optitherm™ SN) for the ultimate roof unit

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



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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