



SYSTEM3



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, **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 **Activ™ Blue** with **K Glass** or **Ultra N** in an insulating unit.

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 | | | | | | | | | | | |
| 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 Activ™ Blue outer pane and 16mm airspace) | | | | | | | | | | Air | Argon |
| 4mm Clear Float 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 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 Ultra N inner pane | 0.52 | 0.17 | 0.30 | 0.17 | 0.53 | 0.37 | 0.35 | 0.08 | 0.43 | 1.4 | 1.1 |

Benefits

- Attractive blue colour offers excellent 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
- **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
- Can be combined with low E glass for the ultimate roof unit



Please contact us for further information:

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