

For colour, excellent solar performance and comfort, this advanced toned glass is a natural



Energy

SuperGreen™
SuperGrey™
SuperBlue™

These super toned glasses provide significant improvements in solar performance compared to VFloat™ toned glass. The colours are deeper, however natural views from the interior are maintained with low-exterior reflectance. They are readily available and can be processed and fabricated similarly to normal float glass to provide an economical choice for reducing air-conditioning costs.

Viridian VFloat SuperGreen™

SuperGreen provides a deep green, crisp appearance with sharp clean external views and low-external reflectance.

Designed to provide very high daylight transmission (66%) with solar control (SHGC of 0.51). It offers 20% better solar performance than conventional tones, with reduced glare and UV.

Viridian VFloat SuperGrey™

Provides the highest solar control of any uncoated float glass, with solar control (SHGC of 0.35). Its dark grey colour provides privacy from the outside and reduced see-through. The glass reduces glare with 9% light transmission making it appropriate for use in skylights or near computer monitors.

Viridian VFloat SuperBlue™

A unique blue colour that is cool and distinctive. It provides solar control similar to that of SuperGreen, again with high daylight transmission.



Thermal safety

The high performance toned glass range absorbs a large proportion of solar radiation. Applications must be checked for the thermal stress breakage. We recommend that VFloat SuperGrey be specified and supplied as a heat strengthened or toughened glass in all situations.

Features and benefits

- ◆ High solar control float glass – low cost glass without coatings optimise light transmission and reduce cooling loads.
- ◆ Low reflectance
 - Low external and internal reflectance.
 - VFloat SuperGreen™ and Viridian VFloat SuperBlue™ provide good daylight transmission.
- ◆ Low UV transmission – outperforms other tinted products for reduced fading. Viridian VFloat SuperGrey™ eliminates 99% of UV radiation.
- ◆ Use in Viridian ThermoTech™ (insulating glass units) – can be combined with Low E glass in insulating glass units for enhanced performance.

Applications

- ◆ Where deep green, blue or grey colour is required
- ◆ Low and medium size office buildings
- ◆ Residential
- ◆ Hotels

Maximum size

- ◆ 3300 x 2440mm

How to specify

- ◆ **Select glass name**
Viridian SuperGreen, SuperGrey and SuperBlue
- ◆ **Select thickness – process**
6mm – Annealed
6mm – Toughened
6mm – Heat Strengthened
- ◆ **Select colour**
Refer to product range chart

Performance comparison chart

Product*	Insulation	Solar	Daylight
SuperGreen	5.8	0.52	67
SuperGrey	5.8	0.35	9
SuperBlue	5.8	0.52	53

*6mm glass thickness.

The bar chart diagram is for indication only, for performance data please refer to the glass performance data tables at the end of this document.