



PRODUCT:

SuperTones™

High performance toned glass -
for maximum glare and solar heat
control

Our SuperTones™ range offers a cost-effective option for when you want to open up your space to natural light and views, without sacrificing on energy efficiency.

All three colour options in the range offer great solar control, reducing your reliance on heating and cooling – saving you on energy bills.

Meanwhile, the sharp optical clarity allows you to enjoy natural light and the view around you.

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

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.

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 transmittance making it appropriate for use in skylights.

SuperBlue™ has a unique blue colour that is cool and distinctive. It provides solar control similar to that of **SuperGreen™**, again with high daylight transmission.



Considerations

The high performance toned glass range absorbs a large proportion of solar radiation. Applications must be checked for 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

- Solar control float glass – low cost glass without coatings that optimises light transmission and reduces cooling loads.
- Low external and internal reflectance.
- **SuperGreen™** and **SuperBlue™** provides good daylight transmission.
- Low UV transmittance – outperforms other tinted products for reduced fading. **SuperGrey™** eliminates 99% of UV radiation.
- Can be combined with Low E glass in insulating glass units for enhanced performance.

Applications

- Facades
- Windows
- Overhead Glazing

How to Specify

- **Select glass name**
VFloat™, VLam™, EnergyTech™, EVantage™, ThermoTech™ or ThermoTech™ E
- **Select thickness - process**
6mm to 10mm – Annealed
6mm to 10mm – Toughened
6mm to 10mm – Heat Strengthened
11.52mm to 21.52mm – Toughened/Laminate
- **Select colour**
Refer to chart below

✓ Performance Comparison

Product*	VT	U Value	SHGC
SuperGreen™	67	5.8	0.53
SuperGrey™	9	5.8	0.36
SuperBlue™	53	5.8	0.52

*6mm glass thickness

✓ Product Range

Product	Thickness (mm)	
	6	10
SuperGreen™	◆	
SuperGrey™	◆	
SuperBlue™	◆	◆

SuperTones™ is a trademark of Viridian Glass