



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-external 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.

## ✓ Performance comparison

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

\*6mm glass thickness

## 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

## ✓ Product range

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

Viridian SuperTones™ is a trademark of Viridian Glass