# For colour, excellent solar per forman ce and comfort, this adv anced toned glass is a natural

The se 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 main tained 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 a ir-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 transmittance 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 day light transmission .

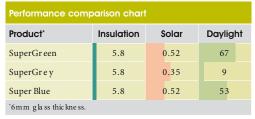


### Thermal safety

The highperformance toned glass range absorbs a large proportion of solar radiation. Applications must be checked for the malstress 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 optimises light transmission and reduces cooling loads.
- ♦ Low re fle c ta nce
  - Low ex te mal and inte mal reflectance.
  - VFloat SuperGreen<sup>™</sup> and Viidian VFloat
    SuperBlue<sup>™</sup> provide good da ylight transmission.
- Low UV transmittance outperforms other tinted products for reduced fading. Viridian VFloat
   SuperGrey™ eliminates 99% of UV radiation.
- ◆ Use in Viridia n ThermoTech™ (insula ting glass units) – can be combined with Low E glass in insula ting glass units for enhance d per formance.



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



# Ene rg y

SuperGreen <sup>™</sup>
SuperGrey<sup>™</sup>
Super Blue<sup>™</sup>

### **Applications**

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

### Maximum size

◆ 3300 x 2440mm

# How to specify

- ◆ Select glass name
  Viridian SuperGreen, SuperG
  - Viridian SuperGreen, SuperGrey and SuperBlue
- ♦ Select thickness process

6mm – Annealed

6mm - Toughened

6mm – Heat Strengthened

Select colour

Refer to product range chart

