



Clear Vision

Sometimes the best solutions are ones that are hardest to see

Description

Viridian **VFloat SuperClear™** provides maximum transparency and clarity by providing a crystal clear glass unlike the green tint usually found in standard float glass. This is achieved by using silica sand with a low iron content during glass making to reduce the otherwise characteristic green of standard float glass. When painted, VFloat SuperClear™ represents colours, in particular light colours, much more accurately than standard float glass.

The result is readily apparent with thick glass where the edges remain clear and colour transmittance is more accurately processed. Viridian VFloat SuperClear™ is available in laminated, toughened and toughened laminated form. It is particularly useful when glass has an applied design or colour such as **ScalaSeraphic™** and **SpectraSeraphic™** where light colours such as white remain true.

VFloat SuperClear™ can be used to stunning effect in balustrade systems, frameless shower screens and furniture where a processed glass edge is exposed and clarity of vision is desired. The sheer beauty of this product opens up a raft of new possibilities for architects and designers.

The table below shows the light and solar transmission performance for Viridian VFloat SuperClear™ and standard float glass.

Features and benefits

High clarity, crystal clear, low iron glass for special applications.

- ◆ Purity and trueness of colour with minimum colour cast when viewing through the glass
- ◆ Translates light coloured paint more accurately than standard float glass
- ◆ Very high light transmission of 90% and over
- ◆ High solar transmission for solar power
- ◆ Can be toughened and laminated
- ◆ Maintains colour consistency over the range of glass thickness
- ◆ Used in Seraphic and very thick products such as Viridian **DécorFloor™** to minimise natural green tone



VFloat SuperClear™



Applications

- ◆ Showerscreens
- ◆ Splashbacks
- ◆ Shopfronts and display cases
- ◆ Balustrades and Total Vision system entries
- ◆ Furniture
- ◆ Shelving
- ◆ SpectraSeraphic glass for true colours
- ◆ Appliance glass
- ◆ Solar collectors and high performance mirrors
- ◆ Specialist applications requiring thick glass, e.g. **DécorFloor™** customised laminate

Maximum size

- ◆ Stock range – 5100 x 3210mm
- ◆ Laminated – 5100 x 3210mm

How to specify

- ◆ **Select glass name**
Viridian VFloat SuperClear™
- ◆ **Select thickness – process**
4mm to 15mm – Annealed
4mm to 15mm – Toughened
4mm to 19mm – Annealed
4mm to 19mm – Toughened
4mm to 12mm – Heat Strengthened
8.38mm to 31.52mm – Laminated
9.52mm to 31.52mm – Toughened/Laminate

Comparison of light and solar transmission

Glass thickness	Light transmission %		SHGC	
	VFloat™ Clear	VFloat SuperClear™	VFloat™ Clear	VFloat SuperClear™
4mm (SuperClear TC)	89	91	0.85	0.91
6mm	88	91	0.82	0.89
10mm	85	91	0.75	0.88
12mm	84	91	0.72	0.87
15mm	87	90	0.81	0.86
19mm	86	90	0.79	0.85