



Energy

EVantage™

EVantage provides Low-Emissivity qualities with solar control.



Providing thermal and solar control enhancements

Viridian **EVantage™** is designed for buildings that require high level solar control and the insulating benefits of a Low E coating.

Description

EVantage is an economical option for projects that require glazing alternatives better than standard glass and that in the past have had to specify top of the range high performance insulating glass units and solar control laminates. EVantage is manufactured by the pyrolytic low E coating process. In this online chemical vapour deposition process, a gas reacts with the semi molten surface of the float glass to form a reflective coating on clear and toned substrates.

The result is a product that combines solar and thermal performance, subtle reflectivity and glare control. The base colour of the glass whether clear, grey or bronze, Viridian **SuperGreen™** or Viridian **SuperBlue™** is maintained with a significant boost to solar and thermal characteristics through the proprietary Low E coating.

Product selection

The Viridian **EVantage Low E** coating provides thermal and solar control enhancements. The placement of air-conditioning vents adjacent to and directed on the internal glass surface coating, may reduce the performance of EVantage when used in a single glazed installation.

Features and benefits

- ◆ Solar control with a Low E
- ◆ Good light transmission with subtle reflectivity
- ◆ Short lead times
- ◆ Lower UV transmittance*
- ◆ Used in Viridian **ThermoTech™** insulating glass units for enhanced performance
- ◆ Neutral light transmittance maintains toned glass colour and clarity
- ◆ The durable pyrolytic coating means that Viridian EVantage™ can be cut and processed, toughened, laminated,** curved or fabricated into insulating glass units
- ◆ Warranty, refer to page 122

*When compared to 6mm clear glass

**The clear glass on the composite used for laminated EVantage, will slightly vary the external aesthetic of the toned range. Samples are available from Viridian if required.

Performance comparison chart

EVantage*	Insulation	Solar	Daylight
Clear	3.8	0.63	68
Bronze	3.8	0.45	38
BlueGreen	3.8	0.45	56
Grey	3.8	0.41	32
SuperGreen	3.8	0.37	49
SuperBlue	3.8	0.36	39

*6mm glass thickness.

Applications

- ◆ Where high solar control and insulation are required in buildings such as apartments, light commercial, retirement and health care facilities
- ◆ Office buildings
- ◆ Institutional and social buildings
- ◆ Hotels

Maximum sizes

- ◆ 3300 x 2440mm
- ◆ 5100 x 3210mm

How to specify

- ◆ **Select glass name**
Viridian EVantage
- ◆ **Select thickness – process**
6mm – Annealed
6mm – Toughened
6mm – Heat Strengthened
10.38mm to 13.52mm – Laminated
11.52mm to 13.52mm – Toughened/Laminate
- ◆ **Select colour**
Refer to product range chart

Product range

Product	Thickness (mm)		
	6	10.38	12.38
Grey	◆	◆	◆
Bronze	◆	◆	◆
BlueGreen	◆	◆	◆
Clear	◆	◆	◆
SuperGreen	◆	◆	◆
SuperBlue	◆	◆	◆

