



# Panoramic

Balustrades and Frameless Fencing





# Seeing beyond

Panoramic<sup>™</sup> is a Grade A safety glass that has been developed to provide the highest possible quality standards, while delivering aesthetics and functionality for applications where seeing greater light and space is required.

Delivering outstanding aesthetics and functionality for applications where appreciating greater light and space is required, Panoramic™ is a range of Grade A safety glass panels equally suitable for both internal and external applications. Panoramic™ is the ideal solution for glass balustrades, frameless fencing, stairwells, balconies and landings and is available in toughened, laminated or heat treated laminated safety glass to suit your safety requirements.

#### **Applications**

- Balconies and barriers
- Internal and external, structural and infill balustrades
- Pool fencing
- Stairs, landings and walkways

#### **Benefits**

- Maximises the effect of light and space with outstanding levels of safety and security
- Available in toughened, laminated, custom laminated, toned, low iron or designer options including EnVision<sup>™</sup> digitally printed safety glass

- Wide range of shapes and sizes, fully compatible with a broad range of fixings
- Can be glazed with an exposed edge when laminated, making it highly resistant to moisture penetration and temperature variation
- Suitable for structural, two edge supported, cantilevered and free-standing point fixed balustrades
- Custom engineered handrail free balustrade solution available\*
- 5-year warranty against delamination

### Ultra clear

Panoramic<sup>™</sup> extends design and aesthetic boundaries to maximise the effect of light and space whilst offering a truly outstanding safety solution. This can be further enhanced by the use of KristalClear<sup>™</sup> low iron glass as either the toughened panel or the component glass within the custom laminate, offering a clarity and crispness not associated with standard clear float glass.

#### Made for the elements

When supplied in laminated form for external applications, Panoramic™ exhibits excellent resistance to moisture and temperature variation. Whilst not considered waterproof, with the combination of excellent adhesion and edge stability any opportunities for delamination and yellowing of the interlayer are minimised.

## Handrail free engineering

Panoramic<sup>™</sup> can be supplied as a custom engineered laminated product with a site specific certificate of compliance from a consulting engineer for handrail free applications. These applications incorporate a specialist interlayer which incurs minimal slumping in the rare occurrence of the glass breaking. In such circumstances the interlayer is designed to retain an appropriate level of structural integrity and provide a sufficient safety barrier until the panel can be replaced.



