



PanoramicTM

Balustrades and Frameless Fencing

solos  glass
see the possibilities

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Seeing beyond

More light and space

Panoramic™ 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.

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 needs.





KristalClear™ views

KristalClear™ low iron glass, in either toughened glass or as the component glass panels within the laminated glass, will provide clarity and crispness not associated with standard clear float glass.

KristalClear™ low iron float glass is a specialist ultra clear glass offering the highest possible levels of light transmission and visual clarity combined with a stunning, clear, crisp edge differentiating it easily from the dull green edge 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 interlayers are minimised.





In order to provide extra impact resistance or to improve the glass resistance to heat stress or loading stress, laminated glass is sometimes manufactured using toughened glass instead of annealed float glass.

When toughened laminate glass is manufactured the interlayer used is normally 1.52mm thick to ensure excellent adhesion with the surface of the toughened which can be slightly undulating due to the toughening process itself.

A characteristic of toughened laminated glass is that when it does break, the glass shatters as per standard toughened glass but remains adhered to the interlayer. Under such circumstances the glass may slump, which is why in certain applications, such as balustrading and glass fencing the use of specialist rigid interlayers may be appropriate in order to retain a barrier.

Handrail free engineering

Panoramic™ 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.





Our custom engineering service
can provide the following solutions:

- └ Two edge supported structural balustrade
- └ Three edge supported structural balustrade
- └ Four edge supported structural balustrade
- └ Two edge supported infill balustrade
- └ Two edge supported infill balustrade
(mechanical fixings)
- └ Cantilevered glass structural balustrade
- └ Free standing point fixed balustrade



For additional product details
and warranty information
please visit our website.

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