



## FRAMELESS STRUCTURAL GLASS BALUSTRADES 'The superior option of frameless structural glass'

Katsu Glass Design is now able to engineer our Frameless Glass Balustrades without the need of a top rail under the new AS 1288-2006.

Katsu Glass Design announces new frameless glass balustrades that can be installed without the need of a top rail.

Our frameless glass balustrades have a high-strength interlayer that is five times stronger and 100 times stiffer than conventional laminating materials. The strong interlayer helps create a safety glass that protects against bigger storms, larger impacts and higher deflection loads. .

### Advantages of using Frameless Structural Glass Balustrades

Since the interlayers of the frameless glass balustrades are an engineered component within the glass, they serve as a more active structural element in the building envelope as the interlayers can hold more weight.

In the event of breakage, dangerous glass fragments remain firmly bonded to the interlayer, reducing the chance for injury and fallout. Because of the post-glass breakage performance, it provides continuing protection and resistance to entry or fallout after the glazing is broken.

With all its strength, our product retains its clarity-even after years of service.

The clarity is permanent; it won't turn yellow over time. Not only does the interlayer remain clear, there are also no adhesives, other laminating aids or plasticisers inside the composite.

Unlike other interlayers, our frameless glass balustrades are much less vulnerable to moisture exposure.

### Limitless Possibilities

Other applications include:

#### Minimal supported facades

Because our frameless glass handles higher structural loads than PVB, it's an excellent choice for facades that have open edges and minimal support. It reduces the need for four-edged framing.

Clean smooth, expansive facades can now be engineered with minimal metal exposure and reduced need for four-sided edge framing.

For more information visit: [www.katsuglass.com.au](http://www.katsuglass.com.au)

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