



Industry Technical Bulletin

Retrofitting of applied vinyl films to annealed monolithic & laminated safety glass.

Retrofitting vinyl films or decals to any annealed monolithic or laminated safety glass will not only change the visual look of the glass pane, but also the centre of glass solar absorption value and properties, thereby increasing the risk of thermal cracks occurring on the glazed pane.

To reduce the risk of such breakages occurring, please always ensure the following:

- 1) All glass edges are machine polished when a film is going to be applied
- 2) The correct setting blocks have been used
- 3) The glass is removed from the frame when the vinyl is applied
- 4) The vinyl is stretched around the edges of the glass panes

NB: *The above glazing guidelines will not prevent the glass from cracking but should rather be seen as assisting in reducing the risk should vinyl be applied. SANS 10137 Clause 5.5 states that it is the responsibility of the persons installing the glass to ensure that the glass does not crack due to thermal or other causes.*

Where a retro-fitted vinyl is applied, it would be the responsibility of the person adding the vinyl to ensure that the vinyl and glass is fit for purpose and to assess the risk of thermal cracking.

Due to the change in the glass properties, we will not be in a position to offer a warranty on glass where vinyl's or decals have been applied.



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