

Products

Rail Industry

Safeglass® replaces glass, toughened glass and theatrical glass panels throughout the rail industry. Interior and exterior panels are available. Safeglass® has been assessed independently by Atkins Rail and is fit for purpose in UK trains.

Safeglass® improves safety to passengers and staff because the risk of injury is significantly reduced. It is safe to break in an emergency and the pieces are safe to handle or clear up after an accidental or malicious breakage.

Safeglass v Glass

Traditionally, normal float glass has been used in 'break glass' panels making them difficult to use and subjecting passengers and staff to a high risk of injury.

Safeglass® significantly reduces this risk of injury since it is safe to break, forming pieces that do not hold an edge.

The exposure to the risk of injury is increasing with the incidence of vandalism, creating debris that could injure other passengers as well as cleaning staff.

Safeglass® will not harm other passengers and can be safely cleared away. It cannot be used as a harmful weapon.

Safeglass vs Sugar (theatrical) glass

Theatrical glass used in the film industry has been used on rolling stock and does address the safety issues posed by glass. The hand made process, however, means that clarity and consistency are often low. The material is made from a resin which is very weak resulting in a high number of breakages during fitting and whilst in use. It has also been criticised for producing a messy powder that can block door runners.

Safeglass® is produced to a high, machine finished quality and is much stronger than sugar glass - the annual requirement of TOCs who have changed to Safeglass® has substantially decreased.

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Safeglass vs Toughened Glass

Toughened glass is sometimes used for break-glass. The glass breaks into cubes that are safer than the shards produced by normal float glass.

Toughened glass is extremely strong and is very difficult to break, making the emergency equipment housed virtually inaccessible and therefore useless.

Safeglass® is produced to a strength that most people can break.

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