

Toughened

Toughened glass can withstand extremes of heat and cold, from 280°C to -70°C, and compared with annealed glass, offers greatly increased resistance to sudden temperature changes. If broken, Toughened safety glass disintegrates into small, relatively harmless pieces which minimizes the risk of serious injury.

Toughened safety glass is manufactured by subjecting final size, edge worked panes of glass to a heating and cooling treatment whereby high compressive stresses are set up at the surfaces with balancing tensile stresses in the centre. The high compressive surface stresses give the glass its increased strength.

Please see 'Critical locations of safety glass' for more info.

Regency glass are BSI Kitemarked for toughened glass.
We hold BS EN12150/EN12600 for thermally treated safety glass.

