



## Industry Standard Glass Guidelines – Specified GGF

Encourage all staff and customers to be aware of these instructions and to follow them. Site visits times should also be considered and to avoid times of the day when direct sunlight is prominent. A totally flawless piece of glass is extremely rare. If you look close enough at any piece of glass, you will almost certainly find a minor blemish. The question that must be answered is, is the flaw or mark of such a nature that it spoils the appearance of the glass. To help resolve what can be a contentious issue the GGF has devised the following test to enable both customer and glazing companies to examine the glass against an objective standard.

### Scratch Test

Inside the house stand around 2 metres back from the glass. You must ensure that the test is carried out in daylight but not in direct sunlight. The area which you are checking is the whole glass except for a 25mm wide band round the edge. The glass is acceptable if the following are not obvious nor bunched together: - Totally enclosed seeds, blisters, hairlines or blobs, fine scratches not more than 15mm long.

# Toughened Glass Tolerances

## Glass Squareness Tolerances

8mm - 12mm =  $\pm 0.3$ mm

15mm =  $\pm 0.3$ mm

## Glass Sizes Tolerances

8mm glass and thicker

0mm - 3000mm =  $\pm 3$ mm

+3000mm =  $\pm 4$ mm

## Glass Diagonal Tolerances

8mm glass and thicker

0mm - 3000mm =  $\pm 5$ mm

+3000mm =  $\pm 6$ mm

## Glass Defection Tolerances

All thicknesses =  $\pm 3$ mm

## Glass Hole Thickness Tolerances

All thicknesses

holes

4mm - 20mm =  $\pm 1$ mm

21mm - 100mm =  $\pm 2$ mm

## Glass Hole Placing Tolerances

All thicknesses =  $\pm 3$ mm

All chips, shells and dull polished/bad polished edges will be replaced free of charge.

# Laminated Tolerances

## Glass Squareness Tolerances

Up to 21.5mm =  $\pm 0.3$ mm

## Glass Sizes Tolerances

Up to 21.5mm

0mm - 3000mm = +3mm -2mm

+3000mm = +5mm -3

## Glass Displacement Tolerances

Up to 21.5mm

0mm - 1000mm =  $\pm 2$ mm

1001mm - 2000mm =  $\pm 3$ mm

2001mm - 3000mm =  $\pm 4$ mm

## Glass Diagonal Tolerances

Up to 21.5mm

0mm - 3000mm =  $\pm 5$ mm

+3000mm =  $\pm 6$ mm

## Glass Defection Tolerances

Up to 21.5mm =  $\pm 3$ mm

## Glass Hole Thickness Tolerances

Up to 21.5mm

holes 4mm - 20mm =  $\pm 1$ mm

holes 21mm - 100mm =  $\pm 2$ mm

## Glass Hole Placing Tolerances

Up to 21.5mm =  $\pm 3$ mm

All chips, shells and dull polished/bad polished edges will be replaced free of charge.