



Glass Visual Quality

GENERAL STATEMENT

Remember, glass is generally looked through and not at. For this very reason the Glass & Glazing Federation have outlined a fair and reasonable visual checking procedure for the glazing industry.

For flat glass the inspection should be made at right angles at a distance of approximately 3 metres.

Upon inspection there should be no marks more than 1mm diameter visible in standard lighting conditions. Natralight Ltd intends to work to a better standard, however, there may be some occasions when the test criterion needs to be used.

Toughened and curved glass is subjected to temperatures near to melting point and therefore some visual distortion may be apparent. This distortion is more accentuated on denser panes.

VISUAL QUALITY CHECKS

The visual quality checks are carried out at each stage of manufacture to ensure conformity. The viewing arrangements and criteria used in assessing the visual quality of units are as per Glass and Glazing Federation guidelines.

Defects including scratches, bubbles sealant particles etc which are visibly obstructive when viewing the unit from a distance of three metres will be deemed as unacceptable.

REFLECTIONS

Visible double reflection can occur when a glass unit is viewed under certain lighting conditions, particularly when viewed from an angle. This is an optical phenomenon arising from multiple surface reflections in the sealed unit.

COLOUR CONSISTENCY

There should be no significant colour variation in body tinted or surface coated glasses of the same type and thickness. Glass units of a different thickness of the same type of body tinted or surface coated glass will show significant colour differences.

MARKING AND IDENTIFICATION

Unless otherwise specified, a toughening/heat soak mark will be added to each panel where applicable. The mark will be visible and located to one corner, approximately 25mm from the edge of the glass.

CLEANING

Glass should only be cleaned using glass cleaner or alcohol and a soft cloth. Abrasive cleaners must not be used as they may scratch the glass surface. Full maintenance guidelines are provided within Operations and Maintenance manuals.