1.4.20. Plastics Covered Annealed (or Other) Glass

Annealed (or other) glass covered with specially formulated organic materials (e.g. adhesive-backed polymeric filmed glass) intended to hold the glass together after breakage. If broken it will be difficult to penetrate provided that the covering is applied in accordance with the manufacturer's recommendations. Plastics covered annealed (or other) glass has a mode of breakage classification of Type B.

1.4.21. Plastics covered glazing

A configuration such that the glass remains held in place in the frame if broken. Note: for glass consisting of only FT panels, this will require a specially designed retention system for the broken glass.

1.4.22. Insulating glass

Glass involving more than one pane where each layer is separated with a space of several mm. The space may contain air or other specialist inert gasses designed to limit the transfer of heat.

a. If an insulating glass unit is installed in a critical location where there is pedestrian access to both sides of the unit, then both panes of the unit must meet these requirements. However, in situations where pedestrian access is restricted to one side of the unit, then only the accessible side must to conform to the requirements. An example would be where there is low level glazing in the facade of a building in the storeys above the ground floor, but with no pedestrian access to the external faces of the insulating glass units.

b. Care should be taken to ensure that an insulating glass unit with two different pane specifications is installed the correct way round.

c. Heat-treated glass should bear a small but legible mark, visible on the lower left corner of the glass when installed, which indicates its nature / performance.

1.4.23. Labeling/Manifestation

Patterns, logos or similar markings on glass, intended to make it immediately apparent to users of the area that glass is present in an opening, provided to reduce the likelihood of an accidental impact.

1.4.24. Overhead glazing

Glazing above head height that is either horizontal or inclined at an angle to the horizontal up to 75° and where there is general access to the areas beneath the glazing.

1.4.25. Plastic glazing materials

These are glazing materials made from polymers that may not necessarily have a safety or fire resistance capability but, due to their organic nature, are required to have known reaction to fire performance characteristics.