

Fig 1. Critical Locations in Internal and External Walls

LOCATION REQUIREMENTS FOR SAFE USE

For locations that require it, Howarth glazed windows and doors are supplied fitted with toughened glass. For unglazed units, the following specifications should be followed for on-site glazing.

Fig 1. CRITICAL LOCATIONS IN INTERNAL AND EXTERNAL WALLS AS SPECIFIED IN BS6262 PART 4.

Glass in doors and side panels to doors (1, 2, 3, 4 and 5) must be at least:

- a Class B safety glazing material if the smaller dimension of the glass is more than 900mm.
- a Class C safety glazing material if the smaller dimension of the glass is less than 900mm.
- annealed glass in smaller panes if it meets the given criteria (see right).

Glass in low level glazing (6, 7, 8) must be at least Class C, or in small panes. Annealed (non-safety) glass may be

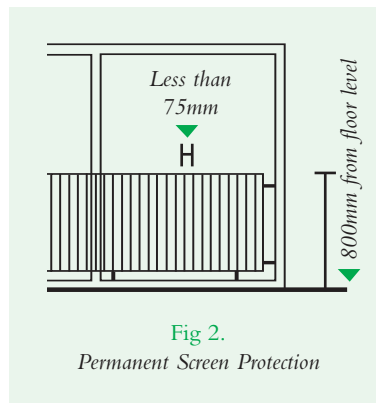


Fig 2. Permanent Screen Protection

used in areas marked 9,10,11 and 12. Robust annealed glass may be used in commercial frontages.

Fig 2. PERMANENT SCREEN PROTECTION

The use of annealed (non-safety) glass is permitted in a critical location if protected by a permanent, robust screen. The screen must prevent the passage of a 75mm sphere and must not be climbable. (BS6262 Part 4 details the specific requirements for such screens and the full document should be consulted).

GLAZING IN SMALL PANES (all critical areas)

The use of annealed (non-safety) glass is permitted in small panes. Small panes must have a maximum smaller dimension of 250mm and an area not

exceeding 0.5m². Annealed glass in small panes must not be less than 6mm thick except in traditional leaded or copper lights if fire-resistance is not required.

THE USE OF SAFETY GLAZING

The architectural use of safety glazing is primarily governed by British Standard BS6262 Part 4: 1994. This is a national standard applying to all glazing work, including replacement glazing. It identifies critical locations in general terms only and sets the minimum standards of glazing materials acceptable for use in these areas.

Additional guidance is also provided by Building Regulations appropriate to the country - ie. Approved Document N for England and Wales and Part IV for Northern Ireland. Compliance with BS6262 Part 4 will also satisfy the requirements of Regulation 14 of the Health and Safety at Work Act.



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