

To comply with the Building Regulations glazing requirements to what is called ‘**Critical Locations**’ (as indicated below) there should be safety glass or guards to protect people from injury.

The most likely locations for accidental impact, which could lead to cutting and piercing injuries are in doors, door side panels and low level glass in walls and partitions.

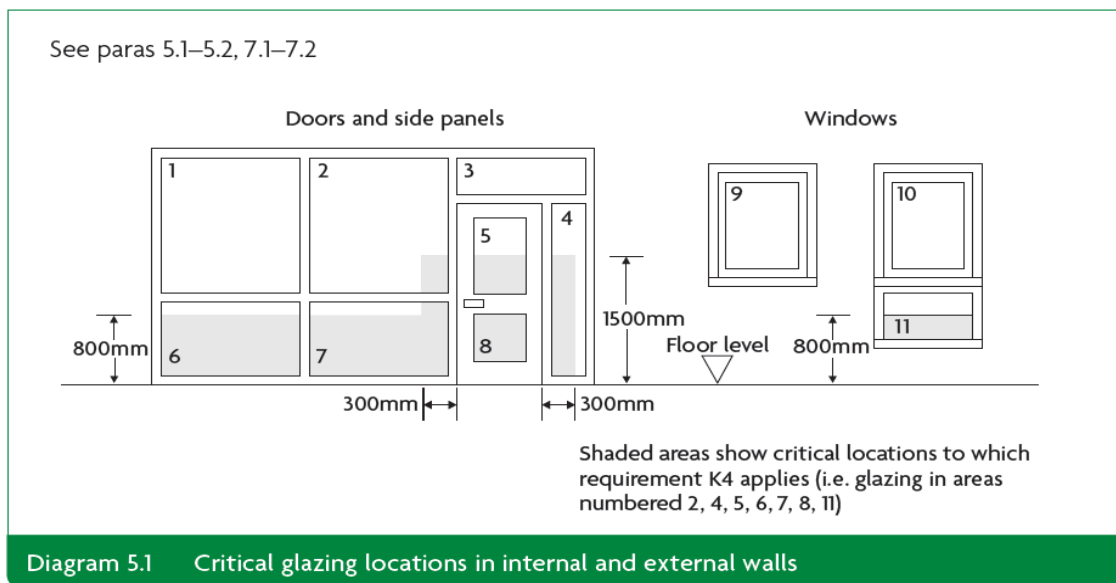
## Critical Locations are considered to be:

1. **Glazing in doors** – wholly or partially within 1500mm from floor level.
2. **Glazing adjacent to doors** – wholly or partially within 300mm of the edge of a door and which is also wholly or partially within 1500mm from floor level.
3. **Low Level Glazing** – not covered in (1) OR (2) ABOVE - glazing that is wholly or partially within 800mm from floor level.

### Glazing in critical locations

#### For all buildings

5.1 Diagram 5.1 shows critical locations in terms of safety.



## Glazing in ‘Critical Locations’ should either:

1. **Break safely**, if it breaks, i.e. laminated or toughened **Class 2** safety glass complying with **BS EN 12600** or **Class C of BS6206**. Or if it is installed in a door or in a door side panel and has a pane exceeding 900mm it should be **Class 2** safety glass complying with **BS EN 12600** or **Class B of BS6206**.

#### Please note:

- Ordinary wired glass is not safety glass.
- For double-glazing the rules apply to both panes.
- All safety glazing should be permanently marked in accordance with **BS EN 12600** or **Class C of BS6206**. The markings should be still visible after the glass has been fitted and the beading and pointing has been completed.

2. **Be robust or be in small panes**, annealed glass (ordinary glass – i.e. float / wired or rolled glass) can be robust enough to prevent breakage, if the panes are small and the glass is thick enough. (See diagram 5.2 below). 6mm annealed glass provided it is in small panes may also comply (See diagram 5.3 below). In traditional leaded or copper lights 4mm annealed glass is acceptable.

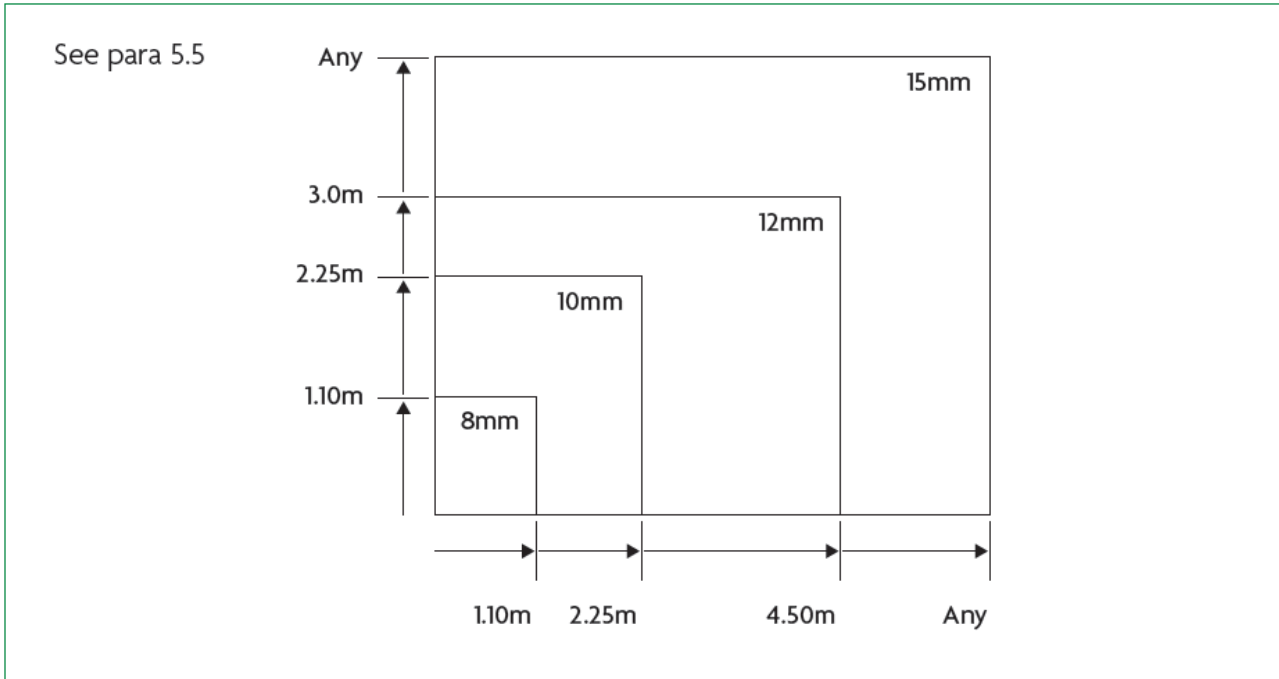


Diagram 5.2 Annealed glass thickness and dimension limits

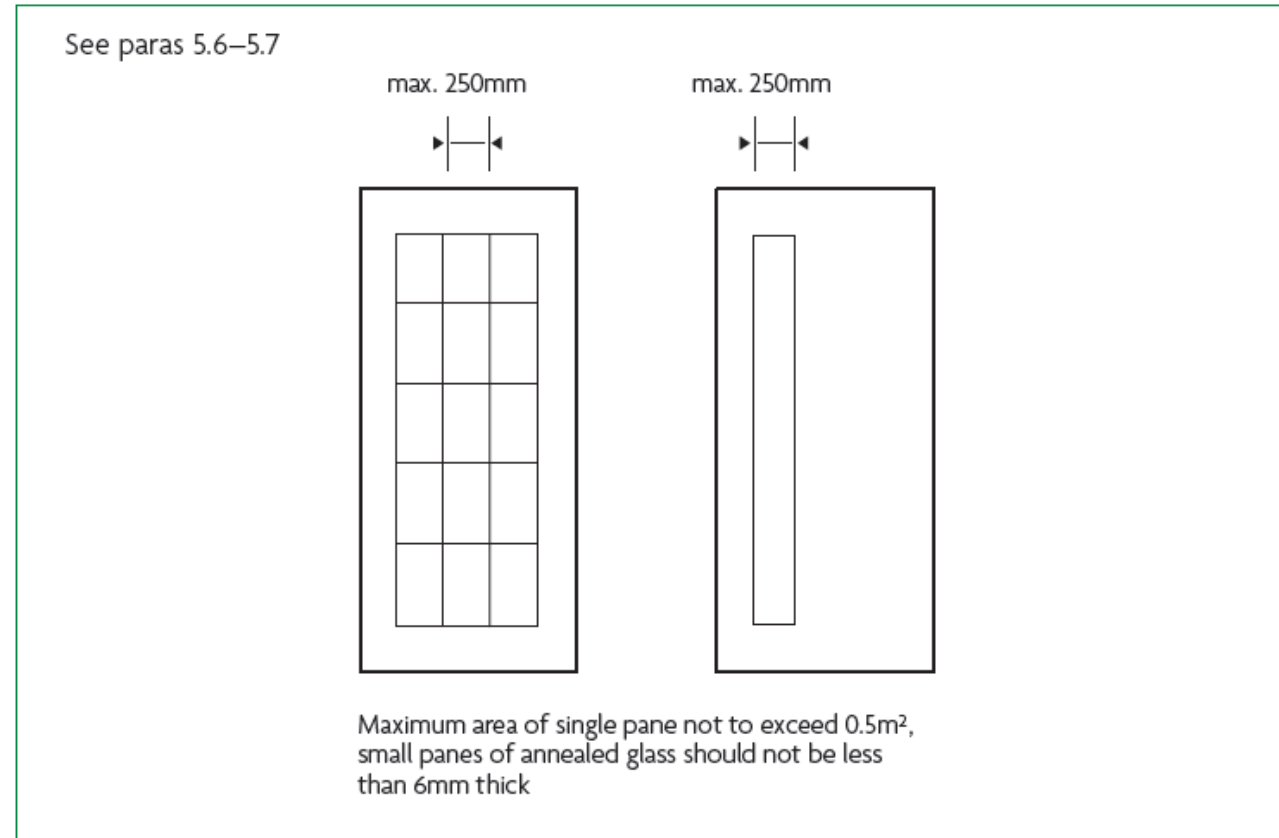


Diagram 5.3 Dimensions and areas of small panes

### 3. Be permanently protected. (See diagram 5.4 below).

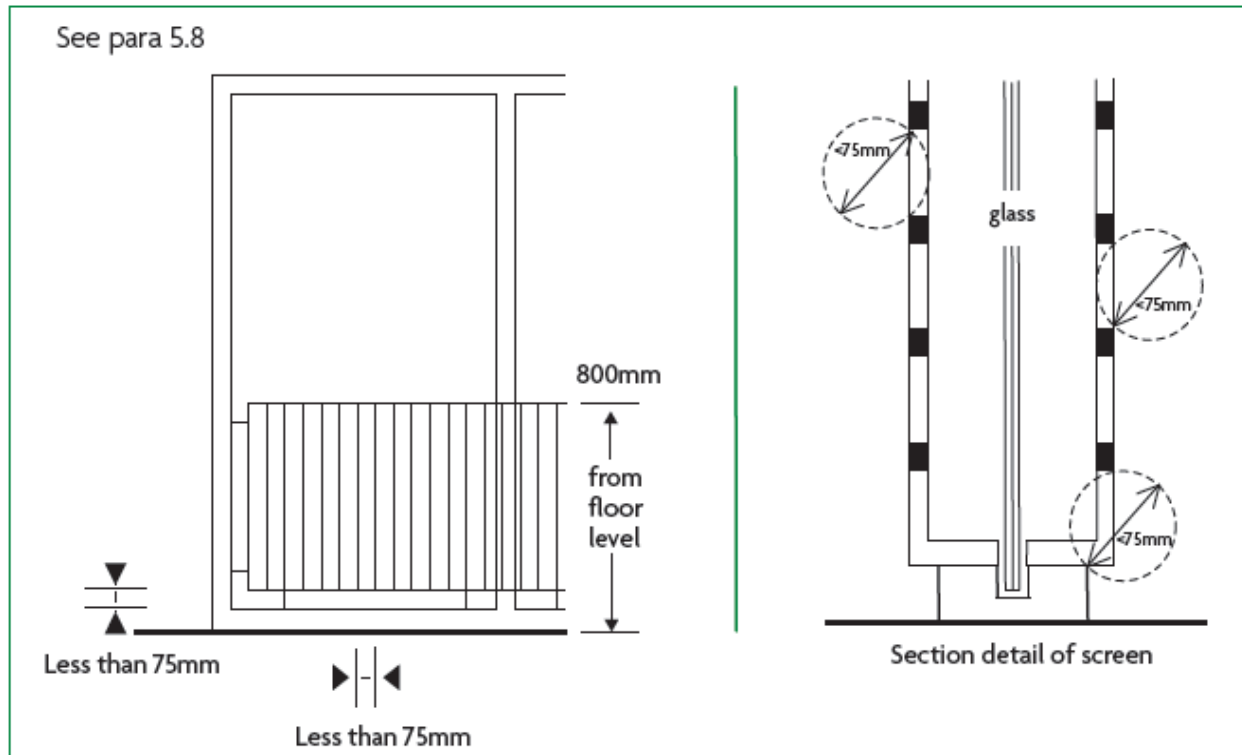


Diagram 5.4 Permanent screen protection