

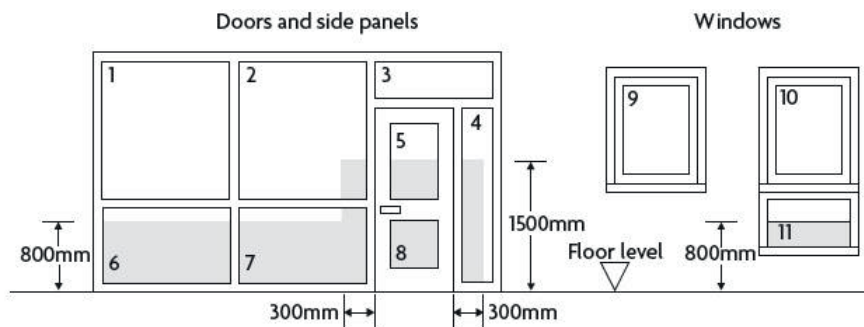
# architectural BRONZE CASEMENTS

## BUILDING REGULATIONS DOCUMENT PART N: PROTECTION AGAINST IMPACT

### Protection against impact with glazing

K4.—Glazing, with which people are likely to come into contact whilst moving in or about the building shall:

- (a) if broken on impact, break in a way which is unlikely to cause injury; or
- (b) resist impact without breaking; or
- (c) be shielded or protected from impact.



### Glazing in small panes

A 'small pane' is an isolated pane or one of a number of panes held in glazing bars, traditional leaded lights or copper lights. Small panes should be provided in accordance with all of the following.

- a. In a small annealed glass pane, use glass with a minimum 6mm nominal thickness except in the situation described in b.
- b. In traditional leaded or copper lights, when fire resistance is not important, you may use 4mm glass.
- c. Use the dimensions and areas shown in diagram opposite.

Maximum area of a single pane not to exceed 0.5m<sup>2</sup>, small panes of annealed glass should not be less than 6mm thick (unless traditional leaded lights where 4mm glass is acceptable).

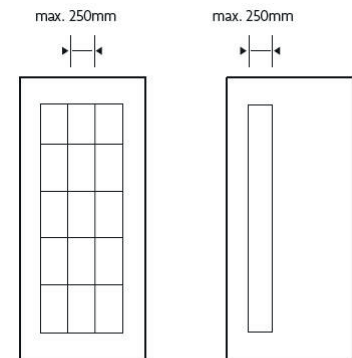
For double-glazing the rules apply to both panes

Building regulations state: All safety glazing should be permanently marked in accordance with BS6206. Markings should be still visible after the glass has been fitted and the beading and pointing has been completed.

NOTE: For improved aesthetics Vale omit the visible stamp to safety glass once the beads are fitted. Proof of toughening can be supplied for compliance with Building regulations. Please ensure this is satisfactory to your Building Control Officer:

### Vale standard method for small panes

Where any glass pane or IGU is less than 250mm on its longest side, toughening is not possible due to manufacturing limitations. To comply with building regulations we will substitute 4mm Tough glass with 6mm Float glass and the cavity will be reduced to accommodate the thicker glass in the affected units.



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