

Part 8.4 Glazing human impact

8.4.1 Application

[New for 2022]

- (1) Part 8.4 applies subject to the limitations set out in H1D8(1).
- (2) Part 8.4 need not be complied with if H1D8(3) is complied with.
- (3) The thickness and type of glazing installed in areas of a building that have a high potential for human impact (an area of a building frequented by the occupants during everyday activities in which a person could fall into or against the glazed panel) must comply as follows:
 - (a) Doors — in accordance with 8.4.2.
 - (b) Door side panels — in accordance with 8.4.3.
 - (c) Full height glass panels — in accordance with 8.4.4.
 - (d) Glazed panels, other than doors or side panels, on the perimeter of rooms — in accordance with 8.4.5.
 - (e) Bathrooms, ensuite and spa room glazing — in accordance with 8.4.6.
 - (f) Visibility of glazing — in accordance with 8.4.7.
 - (g) Identification of safety glass — in accordance with 8.4.8.

8.4.2 Doors, side panels and other framed glazed panels

[2019: 3.6.4.1]

Glass in doors must be Grade A safety glazing material in accordance with Table 8.4.2 and Figure 8.4.2, except that—

- (a) unframed doors, other than those incorporated in *shower screens* or bath enclosures, must be glazed with toughened safety glass with a minimum nominal thickness of 10 mm or laminated toughened safety glass with a minimum total thickness of 10 mm; and
- (b) individual pieces of monolithic annealed glass incorporated in leadlights may be used, to a maximum area of 0.05 m² with a minimum nominal thickness of 3 mm; and
- (c) for annealed and annealed decorated glass panels in doors—
 - (i) for 3 mm and 4 mm annealed glass, the maximum area must not be more than 0.1 m² with a maximum panel width of 125 mm; and
 - (ii) for 5 mm and 6 mm annealed glass, the maximum area must not be more than 0.26 m² with a maximum panel width of 300 mm; and
- (d) for annealed glass in fully framed panels with a thickness of 10 mm or more, with or without bevelled edges, the maximum area must not be more than 0.5 m²; and
- (e) doors in bathrooms, ensuites and spa rooms must be glazed in accordance with 8.4.6.

Table 8.4.2: Maximum areas of glazing material for framed glass doors, framed glass side panels and other framed glazed panels

Type of glass	Minimum nominal thickness (mm)	Maximum area of pane (m ²)
Patterned or clear monolithic annealed glass	5	0.3
Patterned or clear monolithic annealed glass	6	0.9
Grade A toughened and toughened laminated safety glass	3	1