SAFETY GLAZING

Section R308 Safety Glazing.

R308.1 Identification.
Each pane of glazing installed in hazardous locations as defined in Section R308.4, shall be provided with a manufacturer’s or installer’s label, designating the type and thickness of glass and the safety glazing standard with which it complies, which is visible in the final installation. The label shall be acid etched, sandblasted, ceramic-fired, embossed mark, or shall be of a type which once applied cannot be removed without being destroyed.

R308.3 Human Impact Loads.
Individual glazed areas including glass mirrors in hazardous locations such as those indicated as defined in Section R308.4 shall pass the test requirements of CPSC 16 CFR, Part 1201. See R308.3 and Table R308.3 for specific criteria.

Exceptions:
1. Polished wired glass for use in fire doors and other fire resistant locations shall comply with ANSI Z97.1;
2. Louvered windows and jalousies shall comply with Section R308.2.

R308.4 Hazardous Locations.
The following shall be considered specific hazardous locations for the purposes of glazing:
1. Glazing in side-hinged doors except jalousies.
2. Glazing in fixed and sliding panels of sliding door assemblies and panels in sliding and bifold closet door assemblies.
3. Glazing in storm doors.
4. Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface.
5. Glazing, in an individual fixed or operable panel adjacent to a door where the nearest vertical edge is within a 24 inch (610 mm) arc of the door in a closed position and whose bottom edge is less than 60 inches (1524 mm) above the floor or walking surface.
6. Glazing in an individual fixed or operable panel, other than those locations described in Items 5 and 6 above, that meets all of the following conditions:
   6.1. Exposed area of an individual pane greater than 9 square feet (0.836 m²).
   6.2. Bottom edge less than 18 inches (457 mm) above the floor.
6.3. Top edge greater than 36 inches (914 mm) above the floor.
6.4. One or more walking surfaces within 36 inches (914 mm) horizontally of the glazing.
7. All glazing in railings regardless of an area or height above a walking surface. Included are structural baluster panels and nonstructural in-fill panels.
8. Glazing in walls and fences enclosing indoor and outdoor swimming pools, hot tubs and spas where the bottom edge of the pool or spa side is less than 60 inches (1524 mm) above a walking surface and within 60 inches (1524 mm) horizontally of the water’s edge. This shall apply to single glazing and all panes in multiple glazing.
9. Glazing in walls enclosing stairway landings or within 60 inches (1524 mm) of the top and bottom of stairways where the bottom edge of the glass is less than 60 inches (1524 mm) above the walking surface.

**Exception:** The following products, materials and uses are exempt from the above hazardous locations:
1. Openings in doors through which a 3 inch (76 mm) sphere is unable to pass.
2. Decorative glass in Item 1, 5 or 6.
3. Glazing in Section R308.4, Item 5, when there is an intervening wall or other permanent barrier between the door and the glazing.
4. Glazing in all unframed swinging doors.
5. Glazing in Section R308.4, Item 5, where access through the door is to a closet or storage area 3 feet (914 mm) or less in depth.
6. Glazing in Section R308.4, Item 6, when a protective bar is installed on the accessible side(s) of the glazing 36 inches ± 2 inches (914 mm ± 51mm) above the floor. The bar shall be capable of withstanding a horizontal load of 50 pounds per linear foot (74.5 kg/m) without contracting the glass and be a minimum of 1.5 inches (38 mm) in height.
7. Outboard panes in insulating glass units and other multiple glazed panels in Section R308.4, Item 6, when the bottom edge of the glass is 25 feet (7260 mm) or more above grade, a roof, walking surface, or other horizontal [within 45 degrees (0.79 rad) of horizontal] surface adjacent to the glass exterior.
8. Louvered windows and jalousies complying with the requirements of Section R308.2.
9. Mirrors and other glass panels mounted or hung on a surface that provides a continuous backing support.

**Section P2708. Hinged Shower Doors**
Hinged shower doors shall open outward.