

# SAFETY GLAZING

## Subchapter K. Safety Glazing Material

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### Source

The provisions of this Subchapter K adopted October 27, 1972, 2 Pa.B. 2079; amended March 29, 1974, 4 Pa.B. 580, unless otherwise noted.

### §47.391. Definitions.

The following words and terms, when used in this subchapter, have the following meanings, unless the context clearly indicates otherwise:

*Any other glazed installation or structure:* Any portion of a building to which this subchapter applies, wherein glazing materials are used whether as doors, panels, screens, brattices, portals or aperture closures and which when subject to human impact could cause injury to persons.

*Approved:* Approved by the Industrial Board.

*Board:* The Industrial Board.

*Building:* Any structure or enclosure devoted to human occupancy in the following categories of use:

- (i) *Commercial buildings:* Any structures or enclosures wherein goods or services are sold or offered or stored or wherein business is transacted whether public or private or mixed or wherein persons are housed in multiple occupancy or in which industry is conducted.
- (ii) *Public buildings:* Any structures or enclosures in which persons assemble for entertainment, convention, education, instruction, worship or coming together for any purpose, whether the use is public or private or mixed.
- (iii) *Residences:* Residences shall include multiple housing wherein persons reside and are domiciled and including health care facilities.

*Department:* The Department of Labor and Industry.

*Entrance door:* Any closure of an opening for passage of persons which closure may be removed in any manner sliding laterally, swinging in or out or being raised above the opening, and which may be again positioned as a closure.

*Fixed glazed panel:* A portion of a wall, interior or exterior, consisting of a frame for the support of glazing material and the glazing material itself exclusive of decorative or stain glass in buildings intended and used for purposes of religious worship which stand in the normal path of travel and upon human impact could injure the person whose motion caused the impact or other persons then nearby.

*Glass entrance door:* An entrance or exit door through which may be seen the exterior or the interior of the building in a manner which may not clearly indicate the presence of solid barrier to entrance or exit or which if struck by a person or object during passage through the door could cause injury to the persons.

*Glazing materials or glazed materials:* Any pane of glass, whether tempered, laminated, or otherwise treated and regardless of whether the pane is safety glass, and other materials which are used as glass substitutes.

*Secretary:* The Secretary of Labor and Industry.

*Shower door/tub enclosure:* The closure of a bathing shower stall or bathtub, the materials of which upon human impact could shatter so as to injure the person whose motion caused the impact.

*Sliding glass door:* The closure of an opening for passage of persons, when said closure is opened in any manner by sliding laterally across the opening and contains materials which could, upon human impact, injure the person passing through the opening.

*Storm door:* The outer closure of an exterior opening designed for the purpose of excluding inclement weather and the materials of which could upon human impact shatter so as to injure the person passing through the opening.

### Source

The provisions of this §47.391 amended January 26, 1979, 9 Pa.B. 314. Immediately preceding text appears at serial pages (15232) and (13470).

#### **§47.392. Scope.**

This subchapter applies to all buildings and facilities within this Commonwealth as defined and enumerated herein and in the act of June 2, 1971 (P. L. 115, No. 5) (35 P. S. §5811).

#### **§47.393. Removal and replacement of guards.**

No person shall remove or make ineffective any safe-guard, safety appliance or device required by these regulations, except for the purpose of immediately making repairs or adjustments; and any person or persons who remove or make ineffective any safe-guard, safety appliance or device for repairs or adjustments, shall replace the same immediately upon completion of the repairs or adjustments.

#### **§47.394. Owners responsibility.**

Every owner, lessee or person exercising direction or control over any person or persons who remove or make ineffective such safeguards, safety appliance or device shall have the safeguard, safety appliance or device so removed or made ineffective promptly and properly replaced or made effective.

#### **§47.395. Employers responsibility.**

Every employe shall use, or cause to be used all safeguards, safety appliances or devices, furnished for his protection and shall carry out all regulations which may concern or affect his conduct.

#### **§47.396. Submission of plans for approval.**

Before any installation to which these regulations apply is made or the safety glazing material is to be installed is furnished for installation, the installation and furnishment of glazing materials shall be submitted in the form of detailed architectural plans and elevations consisting of drawings to scale for all portions of the buildings contemplated to contain such installations, to and approved by the Bureau of Occupational and Industrial Safety, Division of Building, Department of Labor and Industry. All drawings shall be submitted in triplicate.

### **§47.397. Posting, painting or marking.**

All glazed doors or panels recited as pertinent to these regulations shall be posted, painted or marked as hereinafter stipulated including those previously glazed with nonsafety glazing materials prior to the effective date of the act of June 2, 1971, (P.L. 115, No. 5) (35 P.S. § 5811).

### **§47.398. General specifications.**

- (a) *Buildings.* All buildings, structures or enclosures covered by this subchapter shall be designed and constructed requiring the installation of safety glazing materials which meet the requirements of ANSI Standard Z-97. 1-1966 in all openings glazed and known as glass entrance doors, sliding glass doors, storm doors, bathtub enclosures and fixed glazed panels adjacent to entrance and exit doors, whether or not such glazing is transparent, except those glazing materials used as the curved panel in revolving doors.
- (b) *Labeling.* Each light of safety glazing material manufactured, distributed, imported or sold for use in hazardous locations or installed in such a location within the Commonwealth, shall be permanently labeled by the means as etching, sandblasting, firing of ceramic material on the safety glazing material or by other suitable means. The label shall identify the labeler, whether manufacturer, fabricator or installer, and the nominal thickness and the type of safety glazing material and the fact that said material meets the test requirements of USA Standard Z-97.1-1966 (now ANSI) and such further requirements as may be adopted by the Department. The label shall be legible and visible after installation.
- (c) *Posting, painting or marking.* Transparent glass or plastic doors in commercial or public places in buildings open to the public, must in addition to use of safety glazing materials; be posted, painted or otherwise marked so as to alert the public as to their presence in accordance with standards, rules and regulations of the Department. The posting, painting or marking shall also be required in those places previously glazed with nonsafety glazing materials, prior to the effective date of the act of June 2, 1971 (P. L. 115, No. 5) (35 P. S. §5811).
- (d) *Violation of standards.* It shall be unlawful, for use in the Commonwealth, to knowingly sell, fabricate, assemble, glaze, include in specifications, install or consent to be installed any product commonly known as a sliding glass door, entrance door, fixed glazed panel adjacent to an entrance door which may be mistaken for means of ingress or egress, storm door, shower door, tub enclosure, or any other glazed structure for use in any hazardous locations, where said product, glazing material, or glazed structure contains any glass or glazing product other than safety glazing material.

#### **Source**

The provisions of this §47.398 amended January 26, 1979, 9 Pa.B. 314. Immediately preceding text appears at serial page (15233).