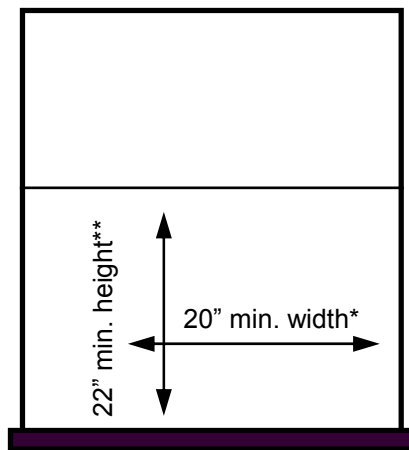


Residential Windows

Windows provide light and ventilation, and the building code requires that **eight percent (8%)** of the floor area of a room be window area. **One half of the window area must open** for ventilation to prevent odors or mildew, or an approved exhaust system may be installed.

For example: a 12' x 16' living room having 192 square feet is required to provide 15.36 square feet of windows for light and 7.68 square feet of openings for ventilation.

In addition, bedrooms or sleeping rooms must also meet the following requirements:



* A window opening with the minimum 20" width must have a 41" height to meet required square footage.

**A window opening with the minimum 22" height must have a 38" width to meet required square footage.

Second floor window openings in sleeping rooms must have a **5.7 square foot minimum area** when open. Window must open without special tools.

5.7 square feet = 820 square inches

First floor windows must have 5.0 minimum.

Sill top

44" maximum height for emergency egress

Floor

Safety Glass

To reduce the hazard of injury or death due to cuts received breaking or falling through regular glass, certain "hazardous" locations require the use of safety glazing. Approved safety glazing materials include **laminated glass, tempered glass and plastic Plexiglas.**

Examples of hazardous locations include ingress and egress doors, sliding doors and fixed panels, storm doors, framed and unframed glass doors, enclosures surrounding tubs, showers, whirlpools, etc., glazed panels with **exposed area greater than 9 square feet, bottom sill less than 18" off floor and top sill greater than 36" off floor.**