

# Doors and Windows

# Doors

Door provide:

Privacy

Safety/Security

Beauty

Ventilation (screen and Dutch doors)

Light (with glazing in door or sidelights)

# Swinging Door

A door that moves via a hinged point.

Classified as either a right handed or left handed.

To determine, place back against hinge side of frame and open door. If the door swings to the right it is a right hand door and if it swings to the left it is a left hand door.

# Door Sizing for Residential

Code will dictate, but typically:

Exterior doors are 3'-0" and open into the house

Bedroom doors are 2'-8" and open into the room

Closet doors are 2'-6" and open into the room

# Bypass Door

An offset pair of doors where one door slides behind another via a fixed track, usually at the top.

Commonly used for bedroom closets and mechanical rooms.

# Bifold Door

A door that opens via a hinged point on the side as well as a set of hinges in the middle of the door allowing the door to collapse on itself.

Commonly used for mechanical rooms and laundry rooms/areas.

# Hollow Core

An interior door that is not made of solid material. The interior of the door is filled with recycled material such as cardboard or scrap pieces of wood.

Less expensive than solid core

Do not buffer sound well

# Pocket Door

A door that slides into the wall on a fixed track. The place where the door slides into is the pocket.

Commonly used as a room separator or bathroom door where space is at a premium or to maintain a certain style.



# ADA Compliance

Americans with Disabilities Act requires that commercial buildings have doors that are accessible for handicap persons, typically 3' wide.

Exterior doors have a power opener.

# Windows

Windows provide:

Light

Energy

Beauty

Ventilation

View of outside

# Single Hung Window

A window that has one fixed section and one section that is movable.

# Double Hung Window

A window where both panes move up and down.

# Awning Window

A window that is hinged at the top.

Typically open with a hand crank.

If located above a door it is called a transom window.

# Fixed Window

A windows that does not open.

Often these type of windows are decorative.

Sometimes called picture windows.

# Casement Window

A window that opens via a crank.

Casement windows come in either horizontal or vertical methods of opening.

# Skylight

A window through a roof.

Most are stationary while some open via a hand crank.



# Low-e Glass

Stands for low emittance. Windows with a low-e rating emit lower levels of radiant energy compared to non low-e windows.

A window that is low-e has a coating on one side that helps reduce heat loss but still gain heat from sunlight.

# Egress

A way out or means of escape or exit.

Code dictates requirements for egress doors and windows.

Windows must be a certain size and a certain height off of the floor to be considered egress.

Doors to public buildings open to the outside with a panic bar installed on the inside.

# Additional Information

[International Code Council](#)

[Pella Windows](#)

[Andersen Windows](#)

[Americans with Disabilities Act](#)

[Window and Doors Manufacturers Association](#)