

Doors, Windows and Roof

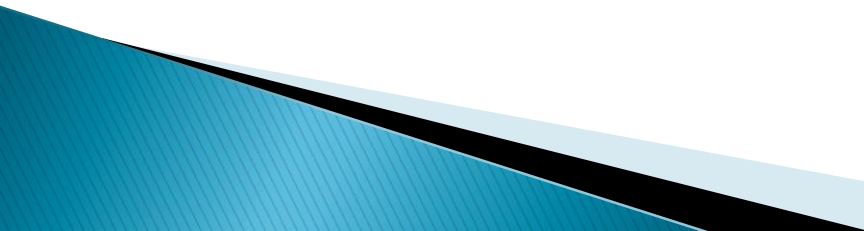
Types of Doors and their function

Types of Windows

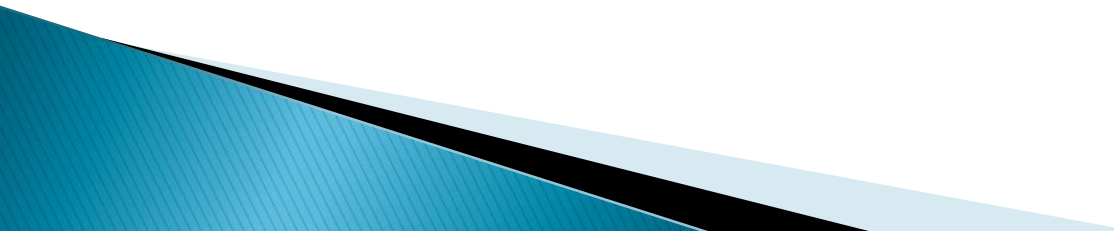
Types of Roof

Roofing Materials

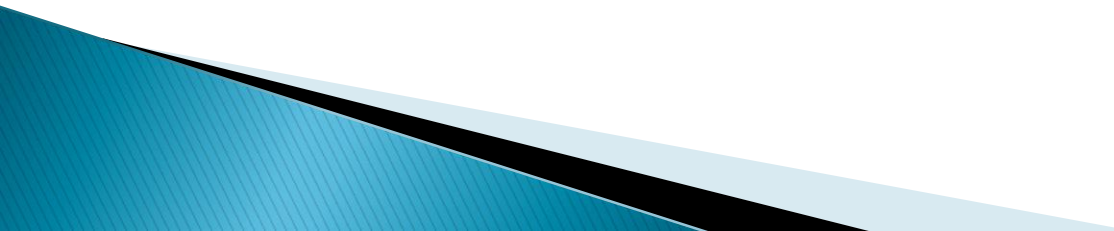
Doors, Functions & Types

- ▶ Doors are openings in that provides easy access to the building for the occupants. They also help to provide adequate ventilation and illumination for the building. They are usually 2100mm tall.
 - ▶ Doors are classified into two, they are interior and exterior doors.
 - ▶ Interior doors: There are doors used in the inside of the building, it is used where there is no security issue. Some of the interior doors are; flush doors, panel doors, French doors and Louvre doors.
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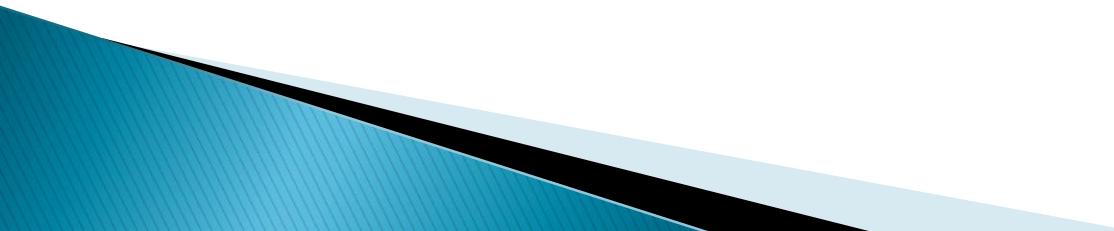
Types of Doors

- ▶ Exterior Doors: They are used to access the building from outside and also to leave the building they are usually made of hardwood and metals. Some examples of exterior doors are double sliding doors, folding doors, revolving doors and garage doors.
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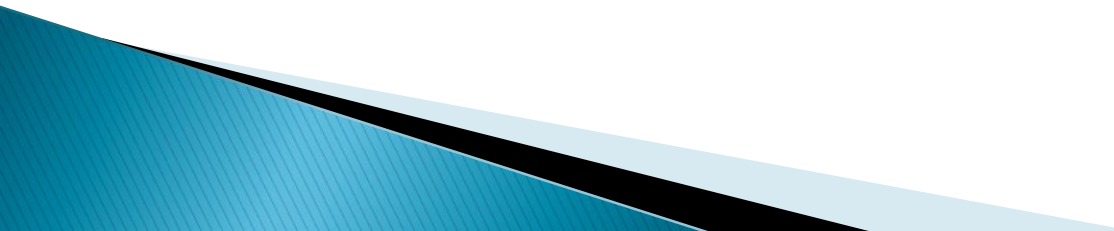
Windows, Functions and Types

- ▶ Windows are openings in a building that allow for ventilation and adequate illumination of the interior parts of the building. They help the occupiers of the building to easily have a view of the outside surrounding without stepping out. The materials used in window construction are wood, metals and glass. They are usually 1200mm tall.
 - ▶ Windows are installed in window frames. Some examples of window frames are bull's eye semi-circular heads.
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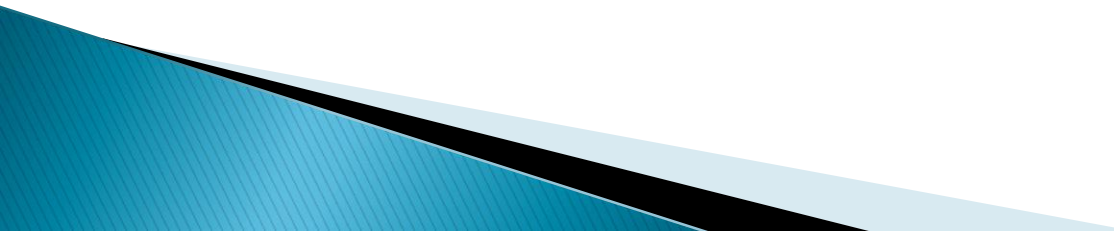
Types of Windows

- ▶ Some of the types of windows according to arrangement are:
 - ▶ Casement windows: They are the oldest type which are square/rectangular in shape.
 - ▶ Pivoted windows: They are supported by pivots on each side. They open partly into and partly out of the room. They make it possible for the whole area of the window to be opened.
 - ▶ Louvre windows: They have glass blades divided into a number of glazing bars. These glasses are fitted into the metal frames. They allow full light and air into the room.
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Roofs and their Types

- ▶ Roofs are parts of the super structure of a building that provides covering for the entire building. They protect humans and properties from effects of weather and dangers.
 - ▶ Some types of roofs include; single roof, double/purlin roof and triple/framed roof.
 - ▶ Single roof: these consist only of spars which are secured at the ridge and wall plate. Some forms of single roofs are flat, lean-to, double lean-to, couple, close couple and collar roofs.
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Types of Roofs

- ▶ Double/Purlin roof: They are equipped with Purlin which provides intermediate support to the common rafters. They are used in roof with large spans.
 - ▶ Triple/framed roof: They are equipped with roof trusses which help to transmit the roof load to the walls. They are usually triangular in shape and are used to reduce excess purlins in the roof.
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Roof Materials

- ▶ The roofing materials are the coverings selected cover the wood members and all other structures of the building. Some of them are; zinc, aluminium, thatches, plain tiles, asbestos-cement, asphalt, concrete.