

Circulation

For movement and access to various rooms, a certain amount of free space is needed, which is known as circulation or free space area. This includes passages, corridors, porches, halls, lobbies, staircases, etc. The circulation should be designed in such a way that this will preserve every room's privacy and not disturb any householder.

CIRCULATION :

It is nothing but the movement. This is two types of circulation

1. Horizontal Circulation

2. Vertical Circulation

1. Horizontal Circulation : It is the circulation on the same floor i.e. it may be between rooms.
e.g.- These are passage, corridor, halls and lobbies and linking of various blocks of apartment.
Area of horizontal circulation may be consists of 20% to 25% of the total building area.

2. Vertical circulation: It nothing but the movement of upward and downward movement.. There are normally stair case. For multi storage structures electric lifts are provided, still stair are necessary if there is any electric fail, or the escape exist for fire disaster.
E.g.: Stair case , lift, ramp . escalators etc.

Area of vertical circulation is about 8% to 10 % of total area.

