

5.13. Power-assisted doors

A motion detector or a floor-pad sensor and one that is manually activated by pushing a control can automatically activate power-assisted doors.

Automatic doors are preferable, being sliding doors they are most convenient to use and do not require guardrails for door-swing protection.

Power-assisted swinging doors shall:

- Take 3 s or more to move from a closed to a fully open position;
- Remain fully open for a minimum of 5 s;
- Require a force of not more than 66 N to stop door movement.

5.14. Windows and window hardware

Windows and window hardware shall fulfil the following requirements:

1. Opening windows either in facades, internal or external corridors, shall not project into pedestrian areas below a height of 2200 mm.
2. Pressure mechanisms or levers shall not require wrist turning, and should be easy to manipulate with one hand, elbow or automatically operated.
3. Whenever possible, prioritize natural light and air.
4. In order to provide exterior vision to children people with short stature and wheelchair users the glazing should be no higher than 900 mm from the floor. Guardrail protection shall be provided if windows can be opened lower than 1200 mm in order to prevent falls.