

11. Lifts that are designated for emergency evacuation are clearly identified within the lift lobby area.

LIFT CAR DESIGN AND CONTROLS

- 1. The lift car floor finish has a light colour or a high light reflectance value and has a similar or higher frictional value than the lift lobby floor finish.
- 2. A handrail is mounted on at least one side of the lift car, positioned at 875mm to 925mm above the lift car oor, with a minimum clearance of 35mm to the wall and with ends returning to the wall. Handrails comply with Section 3.4.
- 3. The selection and design of materials and lighting within the lift car minimise glare, reflections and confusing shadows.
- 4. The mounting plate for the lift control buttons contrasts visually with the surface on which it is mounted and the buttons contrast visually with the mounting plate. Call button symbols are embossed to facilitate tactile reading and light up when pressed.
- 5. Where glass is used in the lift car construction it is identifiable by people with impaired vision and incorporates manifestation in accordance with Section 7.1 Doors - external and internal.
- 6. Where lift cars are 1100mm wide x 1400mm deep and have a door only on one side a mirror is xed on the wall opposite the door with its bottom edge no lower than 900mm above the car oor.
- 7. Power-operated horizontal sliding doors provide an effective clear opening width of 900mm for lifts 1200mm wide x 1400mm deep and 1100mm for lifts 2000mm wide x 1400mm deep.
- 8. Doors are fitted with re-opening activators and timing devices

to provide adequate time for slow moving users to enter and leave the lift car comfortably and safely. Minimum dwell time is 5 seconds.

- 9. Control panels are located (horizontally or vertically) on the side wall of the lift car at a height of between 900mm and 1200mm (ideally 1100mm) from the car floor and at least 400mm from any return.
- 10. In lift cars of 2000mm wide x 1400mm deep and larger, duplicate controls should be provided on both side walls.
- 11. Visual displays and audible announcements are provided to indicate the floor level reached.
- 12. The lift car has an emergency communication system which meets the requirements of BS EN 81-28. The system is push button activated and includes a visual acknowledgment that the alarm has sounded. It has a volume control and an inductive coupler. The lift manufacturer to confirm whether their products are compliant with the BS standard or equivalent.

LIFTING PLATFORMS

- 1. The vertical travel distance is no more than 2m where there is no lift way enclosure and no door penetration. A lift way enclosure is provided where vertical travel distance is more than 2m.
- 2. The rate speed of the platform does not exceed 0.15m/s.
- 3. The minimum clear dimensions of the platform are (see figures 40 & 41):
 - a) 800mm wide x 1250mm deep for unenclosed platforms carrying an unaccompanied wheelchair user.
 - b) 900mm wide x 1400mm deep for enclosed platforms carrying an unaccompanied wheelchair user.
 - c) 1100mm wide x 1400mm

deep for enclosed platforms with two doors located at 90 degrees to each other carrying an accompanied wheelchair user.

- 4. Doors have an effective clear width of 900mm for platform type 3(c) and 800mm in other cases.
- 5. The doors contrast visually with the surrounding walls.
- 6. The lifting platform controls are positioned between 800mm and 1100mm from the platform floor and 400mm from any return.
- 7. The landing call buttons are positioned between 800mm and 1100mm from the finished floor level and 500mm from any return wall.
- 8. Continuous pressure controls are provided and clear instructions are provided for their use.
- 9. There is an audible and visual indication of platform arrival and level reached.
- 10. The lifting platform entrances are accessible from the remainder of the storey.
- 11. Areas of glass are identifiable by people with impaired vision and incorporate manifestation in accordance with Section 7.1 Doors - external and internal.
- 12. The design and manufacturer is approved by a noticed body.
- 13. Weather protection is provided for external platform lifts.
- 14. Gates and doors to lifts open outwards, are self-closing and are interlinked to the platform lift mechanism to prevent them opening until the platform is aligned with the corresponding landing floor.
- 15. Non-enclosed and partially enclosed platform lifts comply with BS 6440:2011. The lift manufacturer to confirm whether their products are compliant with the BS standard or equivalent.
- 16. Enclosed platform lifts comply with BS EN 81-41:2010. The lift manufacturer to confirm whether their products are compliant with the BS standard or equivalent.

WHEELCHAIR PLATFORM STAIRLIFTS

- 1. For buildings with a single stairway the required width of the stair flight and landing is maintained when the platform is in the parked position.
- 2. The rate speed of the platform does not exceed 0.15m/s.
- 3. The minimum clear dimensions of the platform are 800mm wide x 1250mm deep.
- 4. Continuous pressure controls, designed to prevent unauthorised use, are provided and they clear instructions for use are provided.
- 5. An effective clear access of width of at least 800mm is provided.
- 6. Staff are in attendance to supervise the platform use

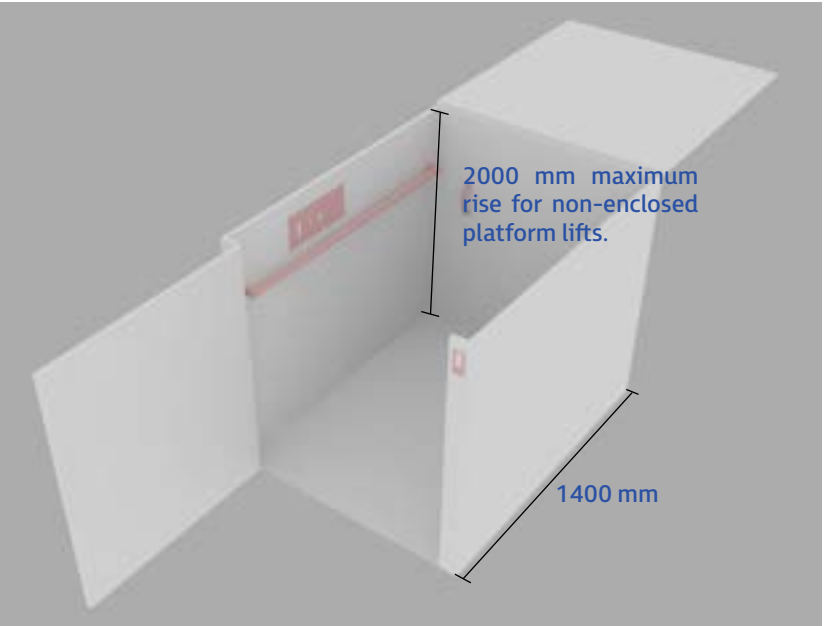


Figure 40 / Non-enclosed / short-rise platform lifts

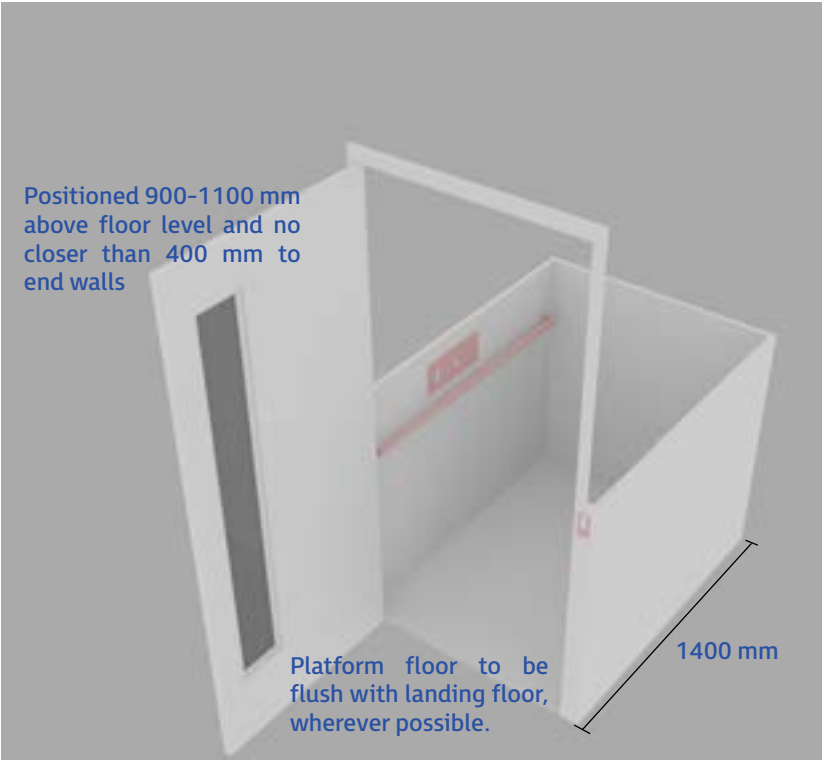


Figure 41 / Enclosed platform lifts