

9.3. Onboard circulations

9.3.1. Aisle width

The aisle width leading to a wheelchair spaces throughout the low floor sections of the bus shall be a minimum of 850 mm clear of protruding obstacles.

9.3.2. Wheelchair maneuvering spaces

1. Pathways for mobility devices, from the entrance door to the wheelchair space shall be a minimum of 850 mm wide.
2. A clear circle of 1500 mm shall be provided for the person using the wheelchair to maneuver in and out of the wheelchair space.

9.3.3. Handholds/ stanchions

1. Interior handrails and stanchions shall be located to permit sufficient turning and maneuvering space for people using mobility devices to reach a securement location from the lift or ramp. These handrails and stanchions shall allow for safe boarding and alighting, provide seating and standing assistance, and allow for easy circulation throughout the vehicle for persons with functional limitations.
2. To assist in the boarding process, persons with functional limitations shall be able to grasp vertical handrails from outside the vehicle to assist the boarding process at a height of 950 mm to 1200 mm.
3. Handrails shall be between 30 mm and 40 mm in diameter, have corner radii of 3 mm or greater, and have a clearance for knuckles of at least 35 mm from the nearest surface.
4. Stanchions shall be located in such a way as to not interfere or impede wheelchair footrests.

9.3.4. Floor surfaces

1. Floor surfaces shall be covered with non-slip, non-reflective material.
2. The floor slipperiness shall follow the parameters defined in Section B.
3. Floor pattern designs can be used for directional guidance or for identifying designated space e.g. mobility devices and luggage placement areas.