

13.4.2. Wheelchair maneuvering spaces

Pathways for mobility devices, from the entrance door to the wheelchair location shall be 850 mm wide.

A clear circle of 1500 mm shall be provided for the wheelchair to maneuver in and out of the wheelchair station.

13.4.3. Handholds/ stanchions

Interior handrails and stanchions shall be located to permit sufficient turning and maneuvering space for mobility aids to reach a securement location from the 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 students with functional limitations. Handrails and grab bars shall have at each end a tactile or Braille application for students who are blind.

Students with functional limitations shall be able to grasp handrails from outside the vehicle to assist in the boarding process.

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.

Where ramps are located at the front entrance, stanchions shall be located in such a way as not to interfere or impede the wheelchair footrests.

13.4.4. Floor surface

The floor surface shall be covered with non-slip, non-reflective material.

Floor pattern design can be used for directional guidance or for designated space e.g. mobility devices and luggage placement areas.

13.5. Seating

13.5.1. Wheelchair spaces

Each large bus over 6.7 m shall have at least four wheelchair positions to accommodate students using a wheelchair/scooter.

Each wheelchair position shall have a clear length along the longitudinal axis of the bus of 1400 mm and a clear width of 865 mm.