

11.2.3. Boarding Equipment

1. Ramp

If there is a need for a ramp, it shall have the following features:

A ramp shall have a minimum width of 900 mm. It shall be provided with side guards of 50 mm high and color contrasted on both sides to prevent the passenger falling off the ramp.

The gradient shall be maximum 8%.

A ramp shall have a payload of 350 kg.

Edges of a ramp shall be contrast marked with a 50 mm to 75 mm line along the entire edges of the ramp and with contrast LRV 30 against the background.

When a ramp is folding/sliding out or folding/sliding in there shall be acoustic and visual warnings.

2. Buttons

There shall be a push-button to call the driver or crews' attention when someone needs to use the boarding equipment, to embark or disembark.

The stop request button shall be placed within reach of passengers in priority seats and in the wheelchair space, and at a height above the floor surface with the central line of the button at 700 mm to 1200 mm, preferable at 1100 mm, at the wheelchair space.

If push-buttons or other remote control devices are provided for the operation of doors, these shall be placed at the inside and at the outside of the vehicle close to the accessible door/doors or at the door, at a height with the central line of the button at 900 mm to 1200 mm, preferable at 1100 mm, above the ground surface (Fig. 1).

All push buttons shall be tactile and contrast marked LRV 30, and capable of being operated with the palm of the hand or elbow.

The minimum dimension of a push button shall be square (50 mm x 50 mm) or round (diameter 50 mm).

The operation force for buttons shall be 2.5 N to 5.0 N. When the button is pushed, there shall be a visible and audible signal as feedback.