

5.9. Handrails

Stair and ramp handrails must meet the following characteristics:

1. Stairs and ramps with a change in level greater than 500 mm must have continuous handrails on both sides with a 300 mm horizontal extension at its ends. Any of the three solutions displayed in the figure 15 can be applied.
2. When the stair widths are greater than 2100 mm an additional intermediate handrail should be installed. The width between intermediate handrails should be at most 2100 mm.
3. In ramps, the distance between the handrails shall be 1000 mm as displayed in figure 14.
4. The handrail should be mounted at a height of 900 mm. An additional handrail shall be provided at a height between 650 mm and 750 mm.
5. The handrails must be safely secured. Handrails must have an anatomical design that allows adjustment to the hand with a circular section of 30 mm to 40 mm diameter or an equivalent gripping surface. Handrails must be separated from the wall surface at least 40 mm. The handrail section and its mounting system should not interfere with the continuous gripping surface.
6. Handrails must have a contrasted reflectance of at least 30 points LRV against its background.
7. All handrail materials exposed to sun radiation shall not reach temperatures that may damage the users.