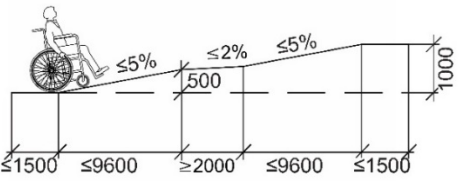
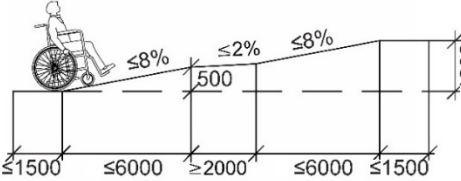


item / construction:

Ramps

3

Accessibility requirements	Measurements	Items requiring special planning attention See also other Suraku tables and sources	Planning instructions	Colours and lighting	Maintenance requirements
<p>1 special level of accessibility</p> <p>Pedestrian street environments</p> <p>City centre areas with public facilities and services</p> <p>Environments for facilities for the elderly, disabled, social and health services</p> <p>Areas with a lot of housing for the elderly and disabled</p> <p>Public transport terminals and areas surrounding public bus stops</p> <p>Exercise and playgrounds that cater to all users</p> <p>Accessible routes, e.g. in recreational areas</p>	<p>Ramp with a max. 5% longitudinal inclination</p>  <p>Recommended inclination $\leq 5\%$ ($\leq 1:20$, c. 3°). Side inclination $\leq 2\%$</p> <p>Without intermediate landings, inclination max. 5%</p> <p>Outdoors, the inclination of the ramp must not exceed 5% except if it can be kept in a condition comparable to indoors (the ramp is heated and covered)</p> <p>However, if the height difference is 1,000 mm or less, the maximum inclination of the ramp may be up to 8%. In this case, the height difference of a continuous ramp must not exceed 500 mm, after which there must be a level landing at least 2,000 mm long.</p> <p>Ramp <8% on intermediate landings</p>  <p>Side inclination max. 2 %</p> <p>Width of ramp maintained by machine $\geq 2,300$ mm</p> <p>Width ≥ 900 mm, recommended $\geq 1,200$ mm, $\geq 1,800$ mm if there is no line of sight at one end of the ramp</p> <p>The edge of the ramp must have a protective edge ≥ 50 mm (or safety railing) if the ramp is not bounded by a fixed structure</p>	<p>Staircases</p> <p>Guidance paving flags</p> <p>Warning areas</p> <p>Handrails</p> <p>Walking surfaces</p> <p>Safety railing</p> <p>Sources:</p> <p>Accessible building and environment 2018</p> <p>SFS-EN 12464-2, Outdoor lighting</p> <p>Government Decree on the accessibility of buildings 241/2017</p>	<p>In addition to the ramp, passable staircases are always needed, even for low elevation differences, as the ramp is not suitable for everyone.</p> <p>The ramp must never start right next to the door.</p> <p>Warning area at top and bottom of ramp</p> <p>Uninterrupted handrails at two heights always on both sides at full length of the ramp and intermediate landings</p> <p>Ice and snow melting system recommended</p> <p>Rough surface material, non-slippery in all weather conditions</p> <p>Deviations in surface evenness ≤ 5 mm</p> <p>Protective edge (min. 50 mm) in the absence of a wall or other solid barrier at edge of ramp</p> <p>At the turning point, the landing must be at least 1,500 mm x 1,500 mm if the width of the ramp is less than 1,200 mm</p>	<p>In warning areas, distinct visual contrast (contrast requirement: difference between medium grey and black/white).</p> <p>Good lighting; glare-free, even.</p> <p>Recommended lighting intensity ≥ 50 lux</p> <p>Guidance lighting where necessary for persons who are partially sighted</p>	<p>Non-slip treatment</p> <p>Ensuring the recognisability of the texture and visual contrast of the warning area</p> <p>Piling of snow under handrail prohibited</p> <p>Vegetation to be kept from the ramp.</p> <p>Vegetation must not hamper use of handrail.</p>
<p>2 basic level of accessibility</p>	<p>INSTRUCTIONS AS ABOVE</p>	<p>Staircases</p> <p>Warning areas</p> <p>Handrails</p> <p>Walking surfaces</p>	<p>Ramp <u>and</u> staircase needed</p> <p>Handrail always on both sides along the full length of the ramp and intermediate landings.</p> <p>Rough surface material, non-slippery in all weather conditions</p> <p>Protective edge (min. height 50 mm) in the absence of a wall or other solid barrier at edge of ramp</p>	<p>Minimum lighting category K2 (min. 10 lux)</p> <p>Good lighting; glare-free, even</p>	<p>Non-slip treatment</p> <p>Piling of snow under handrail prohibited.</p> <p>Vegetation to be kept from the ramp.</p> <p>Vegetation must not hamper use of handrail.</p>