



R311.8 Ramps

Ramps shall have a maximum slope of 1 unit vertical in 12 units horizontal (8.3% slope).

Exception: Where it is technically infeasible to comply because of site constraints, ramps may have a maximum slope of one unit vertical in eight horizontal (12.5% slope).

A minimum 3'-0"x3'-0" landing shall be provided:

1. At the top and bottom of ramps.
2. Where doors open onto ramps.
3. Where ramps change direction.

Handrails shall be provided on at least one side of all ramps exceeding a slope of 1 unit vertical in 12 horizontal (8.3% slope).

Handrail height, measured above the finished surface of the ramp slope, shall be not less than 34" and not more than 38".

Grip size. Handrails on ramps shall comply with Section R311.7.8.3.

Handrails where required on ramps shall be continuous for the full length of the ramp. Handrail end shall be returned or shall terminate in newel posts or safety terminals. Handrails adjacent to a wall shall have a space of not less than 1 1/2" between the wall and the handrails.

Southwest Washington Chapter of ICC

This construction detail is illustrative of the minimum standard
of construction based upon the 2021 IRC / WAC 51-51

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