

## Guide for EMS assessors

# Modular ramps

When considering ramps with a total rise of over 1 metre, EMS assessors are required to consult an EMS advisor. Advisors can be consulted on eligibility and access criteria and ramp solutions.

Modular ramps are generally aluminium and made up of interlocking parts that are assembled on site. If the Whaikaha – Ministry of Disabled People ('Ministry') funding is going to be considered, note that the ramp is owned by the Ministry and on long term loan to the person for as long as needed. When the ramp is no longer needed the ramp will be removed and refurbished for another person to use.

## Considerations for modular ramping

Consider which entrance is the most practical and cost-effective to modify, such as the:

- closest access to where a vehicle can be parked
- total rise and environment

Please note: Ministry funding can only be used for one entrance to the home (Section 6.1. of the EMS Housing Modification manual)

## Gradient

- Length of ramp = height of step or rise multiplied by desired gradient.
- Consider how the client mobilises. Are they ambulant and/or do they use mobility equipment?
- The slope or rise is the difference in height between the start to finish point of the ramp
- A gradient of 1:12 is generally appropriate.

## Environment

- Consider the slope of land. This may require the ramp to be longer to achieve the desired gradient.
- The position of the ramp must be clear of any areas that may create a risk. For example, open windows (window stays can be used to restrict the opening), low covered porch, outward opening doors, water tap, aircon unit, gully trap, drains, pipes.
- Ramps must end on the client's property, not on shared ownership or communal land.

## Landing platform

- A landing platform (generally 1200mm long) is required at the door entrance to enable safe use of the door.
- Additional landing platforms are generally required when a ramp is longer than 4m.

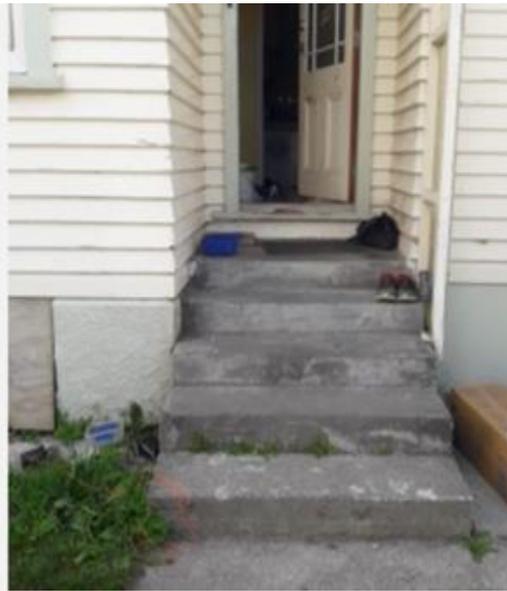
## General specifications

- Ramps are 1000mm wide with a 75mm up-stand on both edges.
- Handrails are required. Either on one or both sides depending on the environment.

## Information for modular ramp applications

### Photographs of existing environment

Please supply three photos. 1) Towards access, 2) away from access, and 3) the wider environment. Include vehicle access if relevant. *Photos courtesy of Able Access.*

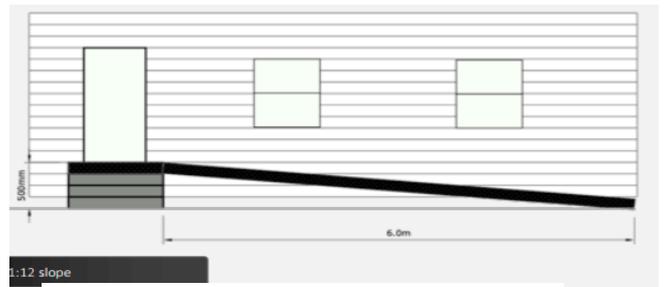
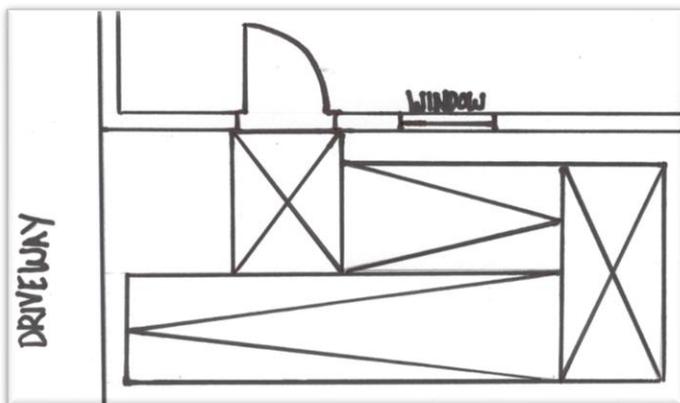


**Sketches—existing and proposed**

Provide a signed sketch of the existing environment (bird’s-eye view) and a sketch of the proposed ramp solution. Use consistent units of measurement e.g. mm (metric)

Bird’s-eye view

Side view



*Image courtesy of Able Access*

**Documents**

Completed scheduled summary, signed terms and conditions and property owner approval form are required.

**Acknowledgement** Enable New Zealand would like to acknowledge Able Access, modular ramping specialists, for their help with this guide. Able Access can be contacted on 0800 436 773 [www.ableaccess.co.nz](http://www.ableaccess.co.nz)