
6.00 Staircases & Ramps

All the requirements of this Section are Mandatory.

GU will not accept designs which combine maximum height risers with minimum width treads. Treads widths and riser heights shall generally comply with the requirements of AS 1428.2, with goings a minimum of 280mm wide.

6.02 Internal Stairs

There shall be a general circulation stair to access to all levels of the building to minimise the use of lifts. This circulation stair may be a fire isolated stair provided all access doors are controlled with magnetic hold open devices connected to the fire alarm system. The following points are to be considered in the design and placement of circulation stairs:

- x Placement of stairs to maximise their visibility and use;
- x Finishes to stair treads, risers and landings shall be ceramic tiles and walls shall be rendered and painted with matching tile skirting;
- x Comply with the requirements of AS 1428.2;
- x Design of stairs to be social spaces where conversations can occur;
- x Design of stairs to act, where appropriate as natural ventilation shafts;
- x Stairs shall be provided with natural light if possible.

Fire isolated stairs shall be provided to satisfy the requirements of the BCA and AS 1428.2. These stairs may be fully enclosed within the building envelope, or may be open framed stairs external to the building façade.

6.03 External Stairs and Ramps

Ramps for disabled access to buildings shall comply with the requirements of AS 1428.1.

The structural design of stair flights and ramps shall be to suit the actual ground conditions encountered.

6.04 Handrails

Internal general access stairs, including fire isolated stairs for general access, shall have stainless steel handrails to both sides.

Where the general access stairs are in an open well with exposed strings to flights, then a balustrade incorporating glass, perforated metal or other approved solid panels is desirable.

Ceramic tiles	Ceramic tiles
Stone paving	Granite/basalt tiles
In situ concrete (no applied finish)	Ceramic tiles

Internally – Existing buildings

Floor finish	TGSI material
Carpet tiles	Cork/rubber composite pads or Rubber pads
Resilient	Cork/rubber composite pads or Rubber pads
Ceramic/Quarry tiles	Ceramic tiles

Externally – New stairs & ramps

Material/finish	TGSI material
In situ concrete (broomed or exposed aggregate finish)	Concrete paving units; Granite/basalt tiles
Stone paving	Granite/basalt tiles
Ceramic tiles	Ceramic tiles

Externally – Existing stairs & ramps

Material/finish	TGSI material
In situ concrete (broomed or exposed aggregate finish)	Concrete paving units; Granite/basalt tiles
Concrete paving units	Concrete paving units; Granite/basalt tiles
Ceramic/quarry tiles	Ceramic tiles