

Reference Chart

Access and mobility AS1428.1 (2001 & 2009)

September 2016

Use for the majority of clients											
Design for Access & Mobility AS1428.1 Building Code of Australia (BCA) 2009											
	Width	Gradient min	Gradient max	Height min	Height max	Length min	Length max	Distance before landing: max	Kerb required	Handrail required	Landing required
Walkway	1000mm	1:20	No max specified					15m (for 1:20) 25m (for 1:33)	Not if ground abutting is level	Not if ground abutting is level	Not for shallower than 1:33
Ramp	1000mm	1:14	1:20	190mm				9m (for 1:14) 15m (for 1:20)	Yes	Both sides	Yes
Step ramp	1000mm	1:10	1:10	35mm	190mm	280mm	1900mm		Yes	Both side, or if not, then high kerb	Yes
Threshold	Not spec	1:8	1:8		35mm		450mm		No. Tapered edges required	Not specified	No
Landing AS	1000mm Fig 31 at doorway					No turn:1200mm Turn:1500mm Fig 31 at doorway			Between ramps	Where possible for continuous path of travel	
Landing BCA	Not spec					750mm	Not spec		No	No	
Handrail				865mm	1000mm	300mm beyond ramp/step					
Stairs AS	1000mm			BCA	BCA			As per BCA		Both sides	Yes = Tread + required circulation space
Stairs AS	1000mm			BCA	BCA			As per BCA		Both sides	Yes = Tread + required circulation space
Goings BCA	Not spec					240mm	355mm				

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