|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |  |  |
| **Defer to when 2009 requirements are not appropriate** Design for Access & Mobility AS1428.1 Building Code of Australia (BCA) 2001 | | | | | | | | | | | |
|  | **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 | 1:33 |  |  |  |  | 15m (for 1:20)  25m (for 1:33) | No | Not required if ground abutting is level | Yes. Not required for shallower than 1:33 |
| **Ramp** | 1000mm | 1:14 | 1:20 |  |  |  |  | 9m (for 1:14)  15m (for 1:20) | Yes | both sides | Yes |
| **Step ramp** | 1000mm | 1:8 | 1:8 | 56mm | 190mm | 450mm | 1520mm | 1520mm & doorway | not specified | not specified | at door |
| **Threshold** | not spec | 1:8 | 1:8 |  | 56mm |  | 450mm | not required | No. Tapered edges required | Not specified | No |
| **Landing AS** | 1000mm |  |  |  |  | 1200mm  & Figure 12 |  |  | 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 length + required circulation space |
| **Risers BCA** | not spec |  |  | 115mm | 190mm |  |  | 18 risers |  |  | Yes, for more than 2 risers |
| **Goings BCA** | not spec |  |  |  |  | 240mm | 355mm |  |  |  |  |