

12. Doors - opening and closing systems

Door furniture

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| 12.1 | Are door handles to manually operated doors with a latch easy to operate? <ul style="list-style-type: none">• Are they usable with a single hand without the need to grip and twist?• Are they of a suitable size?• Are they within reach of all users? | [] |
| 12.2 | Are D-type pull handles of a suitable size? <ul style="list-style-type: none">• Are they within reach of all users?• Are they located on the pull side of a door only? | [] |
| 12.3 | Are horizontal grab rails provided to outward-opening doors? <ul style="list-style-type: none">• Are they at a suitable height? | [] |
| 12.4 | Do door handles and grab rails contrast visually with the door? | [] |
| 12.5 | Do hinges appear strong enough and suitable for door size? | [] |
| 12.6 | Are pivot hinges and emergency-release bolts provided to inward-opening doors where outward opening may be required in an emergency? | [] |
| 12.7 | Are modified strike plates with a gravity cam provided to doors fitted with mechanical self-closing devices? <ul style="list-style-type: none">• Is the self-closing force adequate for a door to close fully? | [] |
| 12.8 | Are keyways positioned above the door handle? <ul style="list-style-type: none">• Or below the handle, but with adequate clearance? | [] |
| 12.9 | Are large winged-turns or levers provided to operate snibs and locks? | [] |
| 12.10 | Are door bolts easy to reach and operate? | [] |
| 12.11 | Are emergency exit devices easy to operate? <ul style="list-style-type: none">• Are they within reach of all users? | [] |

Door self-closing devices

- 12.12** Does the self-closing device close the door completely? []
- But without using excessive closing force?
 - Is it site-adjustable?
 - Is it regularly maintained?
 - Are rising butt hinges not used as self-closing devices on doors which are fire doors?
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- 12.13** Is the force required to open a door within acceptable limits? []
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- 12.14** Is the force exerted by the self-closing device during closing within acceptable limits? []
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- 12.15** Is a delayed-action facility available? []
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- 12.16** Does the backcheck not reduce the effective clear opening width? []
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- 12.17** Are self-closing devices avoided where there are no mandatory requirements for their use? []

Door hold-open devices/detents

- 12.18** Are swing-free devices used for inward-opening room doors? []
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- 12.19** Is there an appropriate use of hold-open devices for doors on circulation routes? []
- Is there a clearly identifiable manual-release button within reach?
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- 12.20** Are all devices tested regularly to ensure they are fail-safe in the event of power failure? []

Power-operated doors

- 12.21** Are power-operated opening and closing systems used in appropriate locations? []
- Are they clearly identifiable?
 - Do they have an Accessible symbol sign?
 - Are they avoided in cases where doors are positioned at the top or bottom of ramps or sloping floors?
 - Are they avoided in cases where swing doors open across an access route?
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12.22 Is there a clear, direct and level approach to doors? []

12.23 Are fully automatic doors provided where access to buildings is freely available? []

12.24 Is there an appropriate use of security devices where controlled access is required? []

- Are there hands-free proximity readers?
- Is there voice control?

12.25 Is the speed of door opening and closing suitable for people who move slowly? []

- Does the door fully open as a person approaches?

12.26 Do automatic doors include the appropriate signage? []

- Do they indicate the direction of opening?

12.27 Is there an appropriate use of manually activated door controls where fully automatic doors are not suitable? []

12.28 Are controls for manually activated doors suitable for all users? []

- Are they correctly positioned?
- Are they clearly identifiable?

12.29 Are there presence and motion detectors to all power-operated doors? []

12.30 Is manual operation possible to all doors in the event of a power failure? []

General observations:
