

2.2.4 Stairways

- A. Stairways shall be in accordance with the requirements of BS 5395 assuming a uniform distributed loading of 7.5 kN/m² on the plan area.
- B. The angle of rake of the stairway shall be between 30° and 50°.
- C. The sum of twice the rise plus the going shall be between 550 mm and 650 mm and the clear width between stringers shall be 800 mm unless otherwise specified.
- D. The stair tread shall be open type of the same material design as for platforms and walkways and shall satisfy the requirements of BS 4592. Treads shall be non-slip with a bull nose edge.
- E. Minimum width shall be 800 mm.
- F. Provide landings at least for every 16 risers. Landing panels shall match stair treads.
- G. All open sides of stairways and landings shall be protected by handrails.

2.2.5 Platforms and Walkways

- A. Platforms and walkways shall be of open type flooring and to the requirements of BS 4592.
- B. Walkways shall be at least 800 mm clear width unless otherwise shown.
- C. The open sides of all platforms and walkways shall be fitted with a 6 mm thick and 150 mm high toe plate which shall be attached to the supporting structure and not to the flooring panels.
- D. Plank flooring shall be an assembly consisting of inverted channel interlocking closed planks, not less than 14-gage galvanised sheet steel and shall have a perforated anti slip deck face. The planks shall be for heavy-duty use to withstand a uniformly distributed load of at least 7.5 kN/m². Planks shall be erected on supports furnished and constructed by the Contractor and shall be supplied in such lengths as are necessary to provide a continuous clear-span platform between said supports.
- E. Open bar grating shall be a non-slip rectangular galvanised mesh to BS 4592, heavy duty, serrated and capable of supporting more than one person. Minimum depth shall be 25 mm and minimum rectangular bar size shall be 3 mm thick. Fixing to frames shall be by purpose made coated galvanised cleats. Designed to carry a loading of 7.5 kN/m² with deflection limited to 0.2% of the span. Sized to be suitable for lifting by one man. Gratings shall be neatly and accurately cut to clear structural members and pipes. Openings shall be reinforced to provide required load carrying capacity. Aluminium gratings shall be composed of interlocking extruded sections bonded together. Minimum depth shall be 35 mm.