

- F. Chequer plate flooring shall be of the non-slip type, not less than 4 mm thick for steel and 6 mm thick for aluminium excluding the raised pattern. Fixing to frames shall be by way of countersunk stainless steel screws. Designed to carry a loading of 7.5 kN/m² with deflection limited to 0.2% of the span and sized to be suitable for lifting by one man. All chequered plate shall be continuously butt welded. Provide suitable reinforced coated galvanised support steel latticework designed so that it has the same load carrying capacity as the flooring.
- G. Set planks, gratings and chequered plate flooring flush and supported using frames and transverse supports anchored to the walls or on steel legs as shown on the drawings to the approval of the Engineer. Fixed built in pockets will not be acceptable.
- H. Threaded connections shall be made so that the threads are concealed by the fitting.
- I. Fixings into concrete shall be by the use of coated galvanised fish tail anchors preset into the concrete.
- J. Welded joints shall be rigidly and continuously welded unless specified otherwise. The face of welds shall be dressed flush and smooth. Exposed joints shall be close fitting and jointed to be inconspicuous.

2.2.6 Handrails

- A. On stairways handrails shall be a minimum height of 850 mm above the pitchline of the stairs. Intermediate rails shall be at maximum of 500 mm above stairs. Standards shall not be greater than 1500 mm apart.
- B. On platforms etc handrails shall be a minimum height of 900 mm. Intermediate rails shall be at a maximum of 500 mm above platform level. Standards shall not be greater than 1500 mm apart.
- C. Mounting flanges shall be drilled for not less than 3 bolts with two bolts on a line parallel to and on the walkway side.
- D. Ends of handrails shall be rounded and supported by a newel.
- E. Handrails shall be capable of withstanding a 1 kN horizontal load applied at any point or 740 N/m lateral load along the top rail.
- F. Provide concealed fasteners for interconnecting railing components and their attachment to other work, except where otherwise indicated.
- G. Stainless steel fastenings should be used for anchoring railings.
- H. Curves shall be bent to a radius of not less than 100 mm.