

- I. Safety chains shall be 8 mm nominal size. Each chain shall withstand a breaking force of 30 kN. Chain shall include swivel eye, snap hook and eyebolt or staple as applicable.

## **2.2.7 Grout**

- A. Grout for filling anchor bolt pockets and to the underside of base plates shall be non-shrink grout, premixed, comprising of non metallic aggregate, cement, water reducing and plasticising additives capable of developing a minimum compressive strength of 50 N/mm<sup>2</sup> at 28 days.

## **2.3 Part 3 Execution**

### **2.3.1 Pre-Fabricated Components**

- A. Components which do not fit at site will be returned to the shop for adjustment. Galvanisation or other protective coatings or treatments will not be allowed to be punctured at site by allowing cutting, scraping, burnishing, grinding or drilling. All such processes must have been completed before the items were finished and delivered to site.
- B. Do not cut, grind or drill components where such work affects the designed appearance or strength.
- C. All gaps including capillary gaps must be sealed by means of non shrinking mastic or continuous welding to prevent corrosion.

### **2.3.2 Fabrication General**

- A. For the manufacture of miscellaneous metalwork which will be exposed to view use only materials which are smooth and free of surface blemishes including pitting, seam marks, roller marks, rolled trade names and roughness.
- B. Form exposed work true to line and level with accurate angles and surfaces and straight edges.
- C. Verify dimensions by accurate field measurements before fabrication.
- D. Welded connections shall comply with the following:
- E. Use materials and methods that do not cause distortion or cracking or cause corrosion of the parent metal or of the weld. When welding metals that become susceptible to corrosion in the heat affected region, normalise the structure by an appropriate scheme of heat treatment.
- F. Use the correct grade of weld material that will not discolour upon metal finishing.
- G. Obtain fusion without undercut or overlap.