

3.2.6 Finishes - Steel

- A. Clean surfaces of rust, scale, grease, and foreign matter prior to finishing.
- B. Do not prime surfaces in direct contact with concrete or where field welding is required.
- C. Prime paint items with two coats.
- D. Structural Steel Members: Galvanise after fabrication to ASTM A123/BS 729/DIN 50976. Provide minimum 380 g/sq. m galvanised coating to ASTM A525.
- E. Non-structural Items: Galvanised after fabrication to ASTM A123/BS 729. Provide minimum 380 g/sq. m galvanised coating.
- F. Chrome Plating: ASTM B177, nickel-chromium alloy, polished finish.

3.2.7 Finishes - Aluminium

As per contract drawings

3.3 Part 3 Execution

3.3.1 Examination

- A. Verify that field conditions are acceptable and are ready to receive work.

3.3.2 Preparation

- A. Clean and strip primed steel items to bare metal and aluminium where site welding is required.
- B. Supply steel items required to be cast into concrete or embedded in masonry with setting templates to appropriate sections.

3.3.3 Installation

- A. Install items plumb and level, accurately fitted, free from distortion or defects.
- B. Provide for erection loads, and for sufficient temporary bracing to maintain true alignment until completion of erection and installation of permanent attachments.
- C. Field weld components indicated on drawings/shop drawings.
- D. Perform field welding in accordance with AWS D1.1 BS 3571 - Part 1 for aluminium and aluminium alloys.
- E. Obtain approval prior to site cutting or making adjustments not scheduled.
- F. After erection, prime welds, abrasions, and surfaces not shop primed/galvanised, except surfaces to be in contact with concrete.