

Soil characteristics	External Coating
Resistivity ≤ 250 Ohmcm without water table ≤ 500 Ohmcm with water table	Polyurethane with average thickness 2000 μm

- B. Fittings shall be protected internally and externally with a factory applied fusion bonded powder epoxy resin coating. The minimum dry film thickness of the coating shall be 300 μm .
- C. Epoxy coatings shall comply with BS EN 14901 requirements.
- D. Polyurethane coatings shall comply with BS EN 15189 requirements.
- E. Pipe work and fittings shall be blast cleaned to SA2½ and grease and other foreign matter shall be removed prior to application of the coating.
- F. The coating shall be free from holidays, blisters, pinholes, runs, sags or any other irregularities and shall have uniform colour, gloss and thickness.
- G. Method of site application of the internal and external coatings at the cut-off or repaired pipes has to be produced by the pipe supplier and approved by the Engineer
- H. Polyethylene sleeve, when, used shall be in accordance with ISO 8180. The PE sleeve shall be black, UV resistant with the thickness 250 μm with maximum minus tolerance of 10%

19.2.5 Marking of Pipes and Fittings

- A. Marking shall be applied to pipes and fittings in such a manner that it is legible after installation and durable throughout the construction period. Each pipe and fitting shall be marked before dispatch from the pipe manufacturer's works as specified in BS EN 598.

19.3 Part3 Execution

19.3.1 Installation

- A. Install in accordance with manufacturer's recommendations and instructions.
- B. Verify dimensions of valves and fittings to assure work will fit together properly and conform to the arrangement shown on the drawings.
- C. Accurately determine dimensions essential for proper location and orientation of