700-1000	1800
1100-1500	2200
1600-2000	2500

B. Pipes shall be protected externally with metallic zinc coat (min 200g/m2) and epoxy finish layer (min thickness 80µm), metallic zinc coat (min 200g/m2) and bituminous paint (min thickness 100µm) or polyurethane.

C. Selection of the external coating shall be made on the base of soli conditions as per below table.

Table 1-4: External Coating

Soil characteristics	External Coating
Resistivity >1500Ohmcm without water table >2500Ohmcm with water table	Metallic zinc + epoxy finish layer Metallic zinc + bituminous paint
750Ohmcm <Resistivity ≤ 1500 Ohmcm without water table 1500Ohmcm<Resistivity ≤ 2500Ohmcm with water table	Metallic zinc + epoxy finish layer + polyethylene sleeve Metallic zinc + bituminous paint + polyethylene sleeve
Resistivity ≤750Ohmcm without water table ≤1500Ohmcm with water table	Polyurethane with average thickness 1000 µm
Resistivity ≤250Ohmcm without water table ≤500Ohmcm with water table	Polyurethane with average thickness 2000 µm

D. 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 300µm.

E. Epoxy coatings shall comply with EN 14901 requirements.

F. Polyurethane coatings shall comply with EN 15655 requirements.