

- 2.9 Pipes or connections buried near contaminated locations should be made of pipe material that is impermeable or protected by appropriate material.
- 2.10 The minimum distance between the service connection and all other services shall not be less than 350mm from all directions except sewerage lines, where the distance should not be less than 1500mm.

***Dezincification-resistant materials***

- 2.11 Water fittings are to be resistant to corrosion and, where specified, to dezincification.
- 2.12 All concealed water fittings, except terminal fittings, (including those buried underground), together with backflow prevention devices, are required to be manufactured of gunmetal or other dezincification-resistant materials.

***General protection and control measures***

- 2.13 Every water fitting shall be:
- (a) immune to or protected from corrosion by galvanic action or by any other process which is likely to result in contamination or waste of water;
  - (b) constructed of material of such strength and thickness as to resist damage from any external load, vibration, stress or settlement, pressure surges, or temperature fluctuation to which it is likely to be subjected;
  - (c) watertight, and be so constructed and installed as to:
    - (i) prevent ingress by contaminants;
    - (ii) be so installed as to minimize the risk of permeation by, or deterioration from, contact with any substance which may cause contamination; and
    - (iii) be adequately supported;
  - (d) no water fitting shall be installed, connected or used which is likely to have a detrimental effect on the quality or pressure of water in a water main or other pipe of the Distribution Company;
  - (e) no water fitting shall be embedded in any wall or solid floor;
  - (f) no fitting which is designed to be operated or maintained, whether manually or electronically, or which consists of a joint, shall be a concealed water fitting;
  - (g) no pipe, cistern, tank or other apparatus used for conveying or receiving potable water shall convey or receive non-potable water; and
  - (h) water fittings should be adequately protected against damage from any cause, including the environment through which they pass.