

- resin, cured epoxy.
- B. Vapour Retarder: 0.25 mm or 0.5 mm thick clear polyethylene film type, for below grade application.
 - C. Non-Shrink Grout: Premixed compound consisting of non-metallic aggregate, cement, water reducing and plasticizing agents; capable of developing minimum compressive strength of 17 MPa in 48 hours and 48 MPa in 28 days;
 - D. Curing Compounds: High efficiency curing compound to ASTM C309, or Water base concrete curing compound ASTM C309.
 - 1. Store, handle, and apply curing compound in accordance with the manufacture's specification and instructions.
 - 2. Must be capable of retaining moisture and water in the fresh concrete and provide an effective barrier to acidic atmospheric gases and water borne salts responsible for the corrosion mechanism of concrete.

3.2.4 Joint Devices and Filler Materials

- A. Joint Filler: ASTM D 1751; ASTM D 994; Bitumen impregnated fibreboard, for use in dry structures.
- B. Joint Filler: ASTM D 1752; High performance cross-linked, closed cell, non-absorbent, polyethylene for use in liquid bearing structures.
- C. Joint Sealant: Non-degradable for its particular application, suitable for use in hot climates, elastoplastic, with a movement accommodation factor of at least ± 12 percent.
 - 1. Joint sealer suitable for sealing movement, control, or construction joints in liquid bearing structures. Resistant to aerobic and anaerobic bacteriological attack, acids, alkalis and UV to ASTM C 920, Type S, Grade NS, class 25.
 - 2. Joint sealer suitable for sealing movement, control, or construction joints in dry structures:
 - a. Polyurethane to ASTM C 920, Grade NS, Class 25, type M.
 - b. Polysulphide- to ASTM C 920, Grade NS, Class 25, Type M, and BS 4254 gun grade.

3.2.5 Batching and Mixing Of Concrete

- A. Cast-in-place concrete shall be ready mixed concrete, batched off the site, generally as defined in BS EN 206 and BS 8500 but as amended in these