potable water.

F. Contains no chloride admixtures.

G. Bonding agents and ancillary materials shall be as recommended by the manufacturer.

H. Minimum compressive strength of 28N/mm2 at 28 days when tested in accordance with BS 6319-2.

I. Rapid chloride penetration of 1000 coulombs maximum when tested in accordance with ASTM C1202.

9.2.4 Polymer Modified Cementitious Repair Mortar

A. Polymer modified cementitious repair mortar shall be a single component lightweight polymer modified concrete reinstatement mortar exhibiting the following characteristics.

B. Lightweight formulation to allow high build.

C. Low permeability to provide good protection against carbon dioxide and chloride penetration.

D. Excellent bond to the concrete substrate.

E. Shrinkage compensated.

F. Pre bagged to overcome site batched variations requiring only the site addition of potable water.

G. Bonding agents and ancillary materials shall be as recommended by the manufacturer.

H. Contains no chloride admixtures.

I.

J. Minimum compressive strength of 40N/mm2 at 28 days when tested in accordance with BS 6319-2.

K. Rapid chloride penetration of 1000 coulombs maximum when tested in accordance with ASTM C1202.

9.2.5 Shotcrete

A. Pre-bagged shotcrete shall be a single component cementitious material suitable for dry or wet mix applications with the properties given in Table 9-1 below.

B. A suitable approved fibre shall be added to the shotcrete to reduce crack propagation.

   a. The use of fibre shall be strictly in accordance with the manufacturer's instructions and as approved by the Engineer.

   b. Prior to the approval of shotcrete the Contractor shall carry out trials mixes in the presence of the Engineer.