Conbextra CB

**High flow, pumpable, cementitious cable bolting grout**

**1.0 Grouting Requirements**

1.1 To the nominated grouting must be carried out using a pre-packaged, chloride free, dry powder blend of cements, graded fillers and chemical additives.

1.2 The grout material is to be non-hazardous in accordance with Australian Inventory of Industrial Chemicals containing <0.1% RCS (Respirable Crystalline Silica).

1.3 It is to be mixed with clean water to the required consistency. The plastic grout must not bleed or segregate. The storage, handling and placement of the grout must be in strict accordance with the manufacturer’s instructions.

1.4 A positive volumetric expansion of up to 1% shall occur while the grout is plastic by means of a gaseous system. Additionally, the grout is to be formulated to compensate for long term shrinkage in the hardened state.

1.5 The mixed grout shall exhibit Pumping life of >110 minutes and set time of >7 hours.

1.6 The grout shall exhibit the following characteristics when mixed with 5.9 litres water to one 20kg bag of the specified grout, at flowable consistency, when tested @ 23ºC:

**Compressive Strength** 1 day 30 MPa

(AS 1478.2.2005) 7 days 65 MPa

28 days 85 MPa

1.7 **Fosroc Conbextra CB** meets the performance criteria and is approved for this application.