Construction Grout

**General purpose, shrinkage compensated grout for gaps 10mm to 100mm**

* 1. **Grouting Requirements**
	2. To the nominated area(s) (specify details and areas of application), grouting must be carried out using a pre-packaged, chloride free, dry powder blend of cements, graded fillers and chemical additives.
	3. The grout material is to be non-hazardous in accordance with Australian Inventory of Industrial Chemicals containing <0.1% RCS (Respirable Crystalline Silica).
	4. 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. A positive volumetric expansion shall occur while the grout is plastic by means of a gaseous system.
	2. It shall exhibit Flow Characteristics when tested to AS 1478.2.2005 of 400 – 600mm using the flow channel procedure.
	3. It shall be formulated to exhibit the following characteristics when mixed with 3.6 litres of water to one 20kg bag of the specified grout, at flowable consistency, when tested @ 23oC:

 **Compressive Strength** 1 day 25 MPa

 (AS 1478.2.2005) 7 days 45 MPa

 28 days 53 MPa

 **Indirect Tensile Strength** 1 day 2.9 MPa

 (AS 1010.10 – 2000) 7 days 4.7 MPa

 28 days 6.0 MPa

 **Modulus of Rupture** 1 day 4.2 MPa

 (Flexural Strength) 7 days 8.0 MPa

 (AS 1012.11 – 2000) 28 days 8.5 MPa

1.7 **Fosroc Construction Grout** meets the performance criteria and is approved for this application.