Conbextra Deep Pour

**Flowable, precision cementitious grout for large volume and deep pours –
(Gaps 20mm to 500mm thickness)**

**1.0 Grouting Requirements**

1.1 To the nominated area(s) (specify details and areas of application), grouting must be carried out using a pre-packaged, non-metallic and chloride free, dry powder blend of cements, graded fillers and chemical additives and be capable of pour thicknesses up to 500mm.

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% (ASTM C827:2010) shall occur while the grout is plastic state by means of a gaseous, hydrogen free expansion. Additionally, the grout is to be formulated to provide longer term expansion in the hardened state (ASTM C1090:2010), to compensate for drying shrinkage.

1.5 It shall exhibit Flow Characteristics when tested to AS 1478.2:2005 of 500mm using the flow channel procedure.

1.6 It shall be formulated to exhibit the following characteristics when mixed at a water:powder ratio of 0.13 (flowable consistency), and a temperature of 23oC:

 **Compressive Strength** 1 day 5 MPa

 (AS 1478.2.2005) 7 days 42 MPa

 28 days 60 MPa

 **Indirect Tensile Strength** 7 days 2.5 MPa

 (AS 1010.10:2000) 28 days 4 MPa

 **Flexural Strength**

 **(Modulus of Rupture)** 7 days 5.0 MPa

 (AS 1012.11:2000) 28 days 7.5 MPa

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

*Parchem offers direct assistance with specifications for individual projects; we can visit the site, design office, or arrange a meeting at our branch office. It is recommended that Parchem be consulted early in the design process.*

*Technical assistance is also available 7 days a week on Ph: 1800 812 864.*

*For Technical Data Sheets (TDS), Specification Clauses and Method Statements, please visit our website at www.parchem.com.au*

*\* To copy and insert specification clause, Copy and Paste from below.*

Mar-07