Conbextra EP300 DP

**High strength, flowable, low exotherm, three-part epoxy resin grout for large volume pours in dynamic / repetitive load applications - gaps up to 300mm**

**1.0 Grouting Requirements**

* 1. To the nominated area(s) (specify details and areas of application), grouting must be carried out using a high strength, flowable, low exotherm, epoxy resin grout, suitable for dynamic /repetitive load applications, and suitable for grouting gaps up to 300mm.
	2. The three-component pack is to be stored, handled and placed, strictly in accordance with the manufacturer’s current technical data sheet and instructions.
	3. The hardened epoxy resin grout shall exhibit the following properties at 23oC:

|  |  |
| --- | --- |
| Compressive strength (AS1478.2 2005): | 65 MPa @ 1 day  |
| 85 MPa @ 7 days |
| 90 MPa @ 28 days |
| Indirect Tensile Strength (AS1012.2.10-2000): | 14 MPa @ 28 days |
| Flexural Strength (AS1012.2.11-2000): | 33 MPa @ 28 days |
| Modulus of Elasticity (AS1020.17-1997): | 16 GPa |
| Creep 28 days @ 2.8 MPa (ASTM C1181-00): | @ 60°C 4.47 x 10-3 cm/cm |
| Flow (AS 1478.2) | 500mm |

* 1. **Fosroc Conbextra EP300 DP** meets the performance criteria and is approved for this application