Conbextra BB92

**Ultra-high performance grout specifically designed for structural grouted connections for wind turbine foundations and oil and gas installations**

**1.0 Grouting Requirements**

* 1. To the nominated area(s) (specify details and areas of application), grouting must be carried out using a pre-packaged, dry powder mixed on site with addition of a controlled amount of clean water produces a free-flowing precision grout. Suitable for gap depths in the range of 10mm to 150mm.
	2. 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.
	3. A positive volumetric expansion up to 1% shall occur while the grout is plastic and exhibit final set <5 hours when tested to EN196-3:1996 at 0.12 w/p ratio.
	4. The grout shall exhibit flow characteristics when tested to EN13395-2 of >450mm using the flow trough procedure at 0.12 w/p ratio.
	5. The grout shall be formulated to exhibit the following characteristics tested @ 20ºC:

 **Compressive Strength** 1 day @ 0.10 w/p ratio: >70 N/mm2

 (EN 12190) 1 day @ 0.12 w/p ratio: >60 N/mm2

 (75mm cubes -EN12390-3) 7 day @ 0.10 w/p ratio: >90 N/mm2

 7 day @ 0.12 w/p ratio: >80 N/mm2

 28 day @ 0.10 w/p ratio: >100 N/mm2

 28 day @ 0.12 w/p ratio: >90 N/mm2

 **Flexural Strength** 1 day >7.5 N/mm2

 (EN196-1:2005) at 0.12 w/p 7 day >11 N/mm2

 28 day >13 N/mm2

 **Fosroc Conbextra BB92** meets the performance criteria and is approved for this application.