Conbextra TA

**Ultra-high performance grout specifically designed for structural grouted connections for on-shore wind turbines**

**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, dry powder mixed on site with addition of a controlled amount of clean water produces a free-flowing precision grout.

1.2 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.

1.3 A positive volumetric expansion up to 1% shall occur while the grout is plastic and exhibit final set <6 hours when tested to EN196-3:1996 at 0.08 w/p ratio.

1.4 The grout shall exhibit Initial flow through when tested to EN13395-2 of >750mm at 0.08 w/p ratio.

1.5 The grout shall be formulated to exhibit the following characteristics tested @ 20ºC:

 **Compressive Strength** 1 day @ 0.08 w/p ratio: >60 N/mm2

 (150mm cubes -EN12390-3) 7 day @ 0.08 w/p ratio: >85 N/mm2

 28 day @ 0.08 w/p ratio: >115 N/mm2

 **Flexural strength**: 1 day @ 0.08 w/p ratio 7 N/mm²

 (EN196-1:1996) 7 days @ 0.08 w/p ratio 12 N/mm²

 28 days @ 0.08 w/p ratio 16 N/mm²

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