

## Flo-Add C Method Statement

(Free flow non-shrink grout additive for post tensioned cables)

### Section A : General Comments

#### Equipment

It is suggested that the following list of equipment is adopted as a minimum requirement:

<i>Protective clothing</i>	:	<i>Protective overalls and safety shoes</i>
	:	<i>Good quality gloves, goggles and face mask</i>
<i>Mixing equipment</i>	:	<i>Mechanical mixer or drill with mixing paddle</i>
	:	<i>Diaphragm pump</i>
	:	<i>Screw and piston pump</i>

### Section B : Application

#### 1.0 Surface Preparation

- 1.1 Cables should be carefully cleaned prior to grouting.
- 1.2 Cable anchorage should be sealed prior to duct grouting.

#### 2.0 Mixing

- 2.1 To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.
- 2.2 While mixing, add 3 kg of Flo-Add C to 33 - 37 litre of clean water, then slowly add the cement and mix continuously for 5 - 7 minutes until a uniform consistency is obtained.

#### 3.0 Placing and Finishing

- 3.1 In case of pumping, a suitable diaphragm pump must be used.
- 3.2 The mixed grout should be pumped from one point only to eliminate air entrapment.
- 3.3 The mixed grout should be pumped within 30 minutes of mixing.

#### 4.0 Curing

- 4.1 Only exposed areas should be properly cured with water.



### Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Flo-Add C**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to DCP for approval, in writing, prior to commencement of any work. DCP will not accept responsibility or liability for variations to the above method statement under any other condition.