

Flo-Grout ST Method Statement (Free flowing non-shrink grout for sonic tubes)

Section A : General Comments

Equipment

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

Protective clothing	:	Protective overalls and safety shoes
	:	Good quality gloves, goggles, and face mask
Mixing equipment	:	Mechanical mixer or drill fitted with a suitable paddle Suitable pump and grout hose

Section B : Application

1.0 Surface Preparation

- 1.1 Sufficient materials should be available on-site to ensure continuous grouting.
- 1.2 Tubes should be carefully cleaned prior to grouting.

2.0 Mixing

- 2.1 Slowly add the full 50 kg bag of **Flo-Grout ST** to 14.75 – 15.25 litre of water and use the mechanically powered mixer or drill fitted with a suitable paddle and mix continuously for 5 minutes until a uniform consistency is reached.

*Note: For optimum flow, **Flo-Grout ST** may need conditioning before mixing in very hot or cold climate conditions, also chilled or warm water is recommended to be used for mixing depending on the ambient temperature. (consult DCP Technical department for more information).*

3.0 Placing and Finishing

- 3.1 The mixed grout should be placed using a suitable pump during the flowability time to gain the full benefit of the expansion process.
- 3.2 The mixed grout should be pumped from one point only to eliminate air entrapment.
- 3.3 The grout hose should be connected to the pump at one side and the other end is to be placed at the bottom of the sonic tube.
- 3.4 Start the pump and allow the mixed grout to flow slowly and continuously into the sonic tubes through the hose.

- 3.5 While grouting, the hose should be pulled up slowly as the grout flows along the tube length. Care should be taken to keep the unrestrained surface areas of the grout to the minimum.

Note: Please contact your local DCP Technical Representative for further information on the placement of grout, depending on the area of application.

4.0 Curing

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

5.0 Cleaning

- 5.1 All tools should be cleaned **immediately** after application using fresh water. Hardened materials must be cleaned mechanically.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Flo-Grout ST**. 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.