



Cement and Grouting Additives

FR-100L

Description

FR-100L is a liquid cement friction reducing compound which makes high density cement slurries more pumpable and does not affect the setting time or final compressive strength.

Application

Cementing deep diamond drill holes frequently presents problems, primarily because the cement slurry is not sufficiently dense (too much water) before it is pumped. During pumping, dilution takes place and the final cement fails to set.

High density (16 lb/gal) cement slurries are very thick and beyond the capabilities of most diamond drilling rig pumps. FR-100L is an excellent friction reducer and very small quantities will thin viscous slurries to the point where standard pumps can easily handle cement displacement.

Usage

Add 500 to 1,000 ml/200 litres cement slurry.

Note 1: Cement slurry weighing 15.6 lb/gal requires approximately 19 litres water per 40 kg sack Portland cement.

Note 2: Do not mix FR-100L and Calcium Chloride together. If Calcium Chloride accelerator is used, add it to the mix water and add the FR100L to the cement slurry.

Packaging

FR-100L is packaged in 25 litre drums.



Head Office

5 Pitino Court, Osborne Park, Western Australia 6017

Tel +61 (0) 8 9445 4000 Fax: +61 (0) 8 9445 4040

amc@imdexlimited.com

www.ausmud.com

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