

PRODUCT INFORMATION BULLETIN

DESCRIPTION

AD-TEK GA-1 is a new generation cement grinding aid especially designed to increase mill output and obtain improved early and ultimate strength development in finished cement.

AD-TEK GA-1 decreases the interactive attraction between cement grains and increases the rate of hydration of cements. In comparison with conventional grinding aids, **AD-TEK GA-1** offers unit power savings of up to 30% with no loss of strength.

SPECIFICATIONS

Appearance	Brown Liquid
pH	9-11
Dry Matter	44-49%
Specific Gravity	1.08 Kg/ Litre at 20°C

BENEFITS

- Improves the production rate of the cement grinding system.
- Increases cement flow ability and reduces pack set of cements, resulting in lower handling cost and reduced waste.
- Improves early and long-term strengths in finished cements.
- Improves workability of mortars and concretes.
- Reduces grinding costs.

APPLICATION

GA-1 may be sprayed into the mill's first compartment or added directly to the clinker conveyor belt. Dilution with 3-5 parts of water is recommended to ensure greater proportion accuracy and distribution of GA-1.

ADDITION RATES

The dose rate is dependant on the final fineness required and the re-agglomeration characteristics of the cement. Dosage rates are typically 0.02% to 0.06% by weight. Optimum dosage rates can only be determined during full-scale mill tests.

MODE OF DELIVERY

GA-1 is delivered in bulk or in 1000-litre containers.

STORAGE, ENVIRONMENT & SHELF LIFE

GA-1 may be stored in steel or plastic containers at a temperature between 5°C and 40°C. Protect from direct sunlight and contaminants.

The product is stable for several years.

It is non toxic and harmless.

Disclaimer: Any advice, recommendation, information, assistance or service provided by application is in good faith and is believed by AD-TEK PTY LTD to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by AD-TEK PTY LTD is provided without liability.