



constructive solutions

Cemax 300

Grinding Aids and Pack Set Inhibitor for APA Cements

Uses

CEMAX 300 is aqueous solution of dispersing agent for use as a grinding aid and pack set inhibitor for the production of Portland and blended cements. CEMAX 300 is a alkanolamine-dihydroxy chemical based material.

Advantages

- A reduction in ball and liner coating which results in grinding efficiency
- A reduction in agglomeration which increases classifier throughput.
- An increase in mill output at the same time cement fineness.
- An increase in cement flowability
- Increase in cement strength
- Reduction in grinding cost

Technical Data

Product specifications for CEMAX 300 are as per the following table:

Appearance	:	Brown liquid
Shelf Life	:	12 months
Specific gravity	:	1.0 – 1.2
pH	:	6.0 – 9.0

Compatibility

CEMAX 300 is compatible to all concrete admixtures.

Specification Compliance

CEMAX 300 has been tested and used in the cement industry. It complies to ASTM C465-85 as a non-harmful processing addition.

Addition Rate

CEMAX 300 admixture is used at recommended standard dosage rate by weight of cement. Individual dosage may vary due to different type of clinker, type of mill desired results and job conditions. The recommend amount is 0.03-0.07% by weight.

Dosing Equipment

CEMAX 300 is added to the clinker by using Fosroc dispensing system at the material conveyer. Fosroc representatives will advice the best location for the dispensing system which consists of spray nozzles, stabilizer and adjustable flow rates pump. No water addition is necessary. Fosroc representatives can advise on suitable equipment for installation, covering manual, semi-automatic, fully automatic and computerized systems.

Storage

CEMAX 300 can be stored 12 months in its original packaging.

Packaging

CEMAX 300 is supplied in 210 litre drums or 1000 litre tote tanks, or by tanker delivery. It contains no flammable materials.

Technical Services

Fosroc representatives are available for laboratory and mill test. Complete testing equipment and procedures for analyzing mill performance and pack set index are supplied during trials. Fosroc representatives are also available at all times while using Fosroc admixtures for servicing, technical supports and trouble shooting.



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Important note

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